

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037256.D
 Acq On : 11 Oct 2018 14:06
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG101118

Manual Integrations
 APPROVED

Sohil
 10/12/2018 8:53:11 AM

Quant Time: Oct 11 14:43:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	52816	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	250007	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	162325	20.00	ng	0.00
64) Phenanthrene-d10	17.51	188	385946	20.00	ng	0.00
76) Chrysene-d12	21.80	240	342867	20.00	ng	0.00
87) Perylene-d12	25.15	264	363788	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	256364	85.42	ng	0.00
7) Phenol-d6	7.26	99	386580	84.87	ng	0.00
23) Nitrobenzene-d5	9.30	82	336578	88.51	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	138475	86.98	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	860173	79.58	ng	0.00
79) Terphenyl-d14	20.11	244	1304352	79.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	68519	40.652	ng	99
3) Pyridine	3.94	79	172604	43.131	ng	97
4) n-Nitrosodimethylamine	3.87	42	66783	42.973	ng	# 91
6) Aniline	7.45	93	244292	40.969	ng	99
8) 2-Chlorophenol	7.68	128	149167	42.469	ng	98
9) Benzaldehyde	7.27	77	131677	41.987	ng	98
10) Phenol	7.29	94	201295	41.959	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	157826	40.268	ng	95
12) 1,3-Dichlorobenzene	8.01	146	166843	40.407	ng	97
13) 1,4-Dichlorobenzene	8.16	146	169462	40.537	ng	99
14) 1,2-Dichlorobenzene	8.48	146	163175	40.281	ng	98
15) Benzyl Alcohol	8.36	79	153617	43.114	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	312838	40.376	ng	98
17) 2-Methylphenol	8.55	107	136592	42.512	ng	98
18) Hexachloroethane	9.21	117	58688	41.132	ng	97
19) n-Nitroso-di-n-propylamine	8.94	70	144567	41.919	ng	97
20) 3+4-Methylphenols	8.88	107	195376	43.488	ng	98
22) Acetophenone	8.95	105	253638	40.246	ng	# 98
24) Nitrobenzene	9.35	77	181956	44.674	ng	96
25) Isophorone	9.86	82	353707	40.745	ng	97
26) 2-Nitrophenol	10.06	139	65806	44.471	ng	98
27) 2,4-Dimethylphenol	10.09	122	147996	40.787	ng	99
28) bis(2-Chloroethoxy)methane	10.35	93	220135	40.532	ng	96
29) 2,4-Dichlorophenol	10.58	162	161914	43.959	ng	99
30) 1,2,4-Trichlorobenzene	10.80	180	180162	40.196	ng	100
31) Naphthalene	11.00	128	486587	40.048	ng	99
32) Benzoic acid	10.22	122	84513m	42.182	ng	
33) 4-Chloroaniline	11.10	127	229160	40.206	ng	98
34) Hexachlorobutadiene	11.27	225	109642	39.392	ng	99
35) Caprolactam	11.89	113	66424	44.236	ng	93
36) 4-Chloro-3-methylphenol	12.20	107	186314	42.831	ng	99
37) 2-Methylnaphthalene	12.60	142	356893	40.250	ng	98
38) 1-Methylnaphthalene	12.81	142	346688	40.033	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	208096	39.586	ng	99

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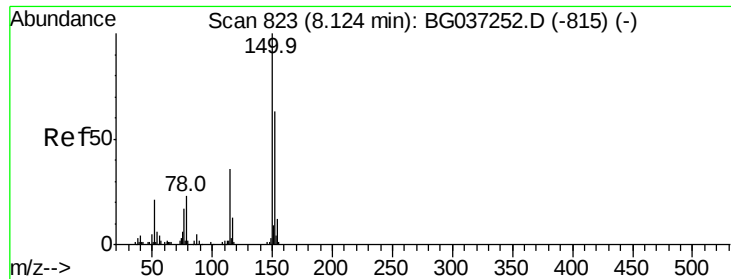
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	89773	41.425	nq	98
43) 2,4,6-Trichlorophenol	13.19	196	137385	45.051	nq	99
44) 2,4,5-Trichlorophenol	13.26	196	144632	44.080	nq	96
46) 1,1'-Biphenyl	13.60	154	537504	40.253	nq	100
47) 2-Chloronaphthalene	13.64	162	405949	40.248	nq	99
48) 2-Nitroaniline	13.85	65	113230	42.221	nq	95
49) Acenaphthylene	14.49	152	618849	40.108	nq	99
50) Dimethylphthalate	14.21	163	524701	41.131	nq	99
51) 2,6-Dinitrotoluene	14.34	165	102984	42.206	nq	98
52) Acenaphthene	14.82	154	391967	41.127	nq	98
53) 3-Nitroaniline	14.67	138	116867	43.786	nq	100
54) 2,4-Dinitrophenol	14.87	184	25646	40.177	nq	96
55) Dibenzofuran	15.16	168	615812	39.821	nq	99
56) 4-Nitrophenol	14.95	139	91095	43.785	nq	96
57) 2,4-Dinitrotoluene	15.12	165	127826	41.563	nq	97
58) Fluorene	15.80	166	460649	39.386	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	130170	44.810	nq	99
60) Diethylphthalate	15.57	149	542131	41.007	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	271220	39.672	nq	100
62) 4-Nitroaniline	15.83	138	120202	42.907	nq	97
63) Azobenzene	16.09	77	500466	39.484	nq	99
65) 4,6-Dinitro-2-methylphenol	15.88	198	46632	39.766	nq	96
66) n-Nitrosodiphenylamine	16.01	169	461028	40.676	nq	100
67) 4-Bromophenyl-phenylether	16.69	248	168513	40.456	nq	97
68) Hexachlorobenzene	16.80	284	175384	40.611	nq	98
69) Atrazine	16.96	200	176809	41.972	nq	97
70) Pentachlorophenol	17.14	266	118728	42.611	nq	97
71) Phenanthrene	17.55	178	776502	39.524	nq	100
72) Anthracene	17.64	178	758715	39.456	nq	99
73) Carbazole	17.91	167	787367	39.740	nq	99
74) Di-n-butylphthalate	18.46	149	888802	41.854	nq	100
75) Fluoranthene	19.55	202	899323	39.166	nq	99
77) Benzidine	19.74	184	537581	40.985	nq	98
78) Pyrene	19.92	202	912397	40.830	nq	99
80) Butylbenzylphthalate	20.80	149	375947	43.241	nq	97
81) Benzo(a)anthracene	21.78	228	821941	40.027	nq	99
82) 3,3'-Dichlorobenzidine	21.69	252	330243	41.691	nq	97
83) Chrysene	21.85	228	775457	39.588	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	536819	42.999	nq	99
85) Di-n-octyl phthalate	22.94	149	878498	43.354	nq	100
86) Indeno(1,2,3-cd)pyrene	29.01	276	894953	41.220	nq	99
88) Benzo(b)fluoranthene	24.08	252	813146	41.113	nq	99
89) Benzo(k)fluoranthene	24.15	252	777001	39.812	nq	98
90) Benzo(a)pyrene	25.00	252	766260	40.403	nq	98
91) Dibenzo(a,h)anthracene	29.09	278	738312	40.686	nq	99
92) Benzo(g,h,i)perylene	30.22	276	730243	40.292	nq	99

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



#1

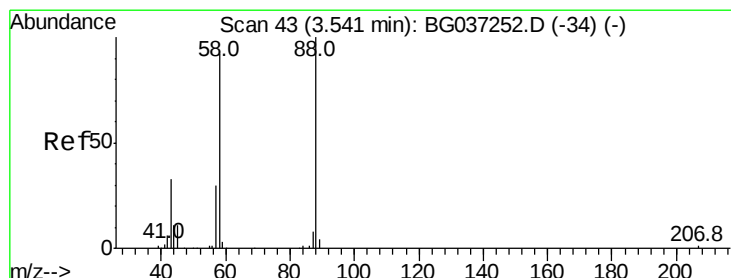
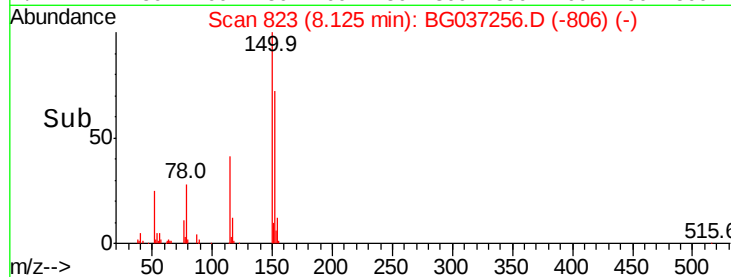
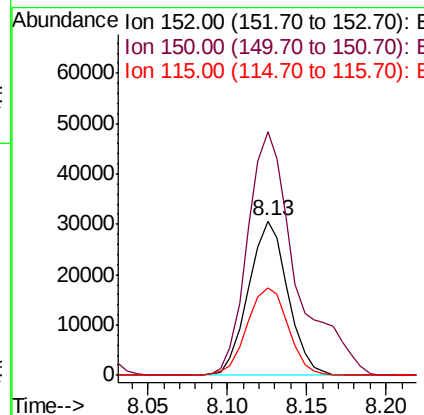
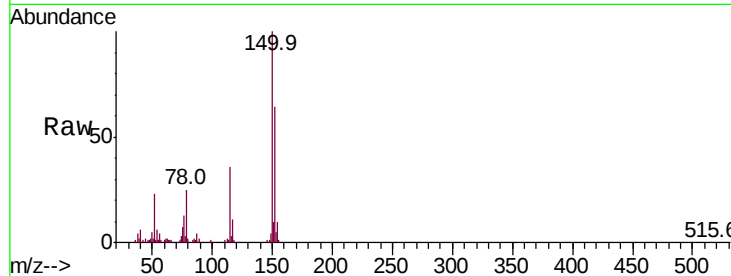
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.0	189.0
115	56.8	45.5	68.3

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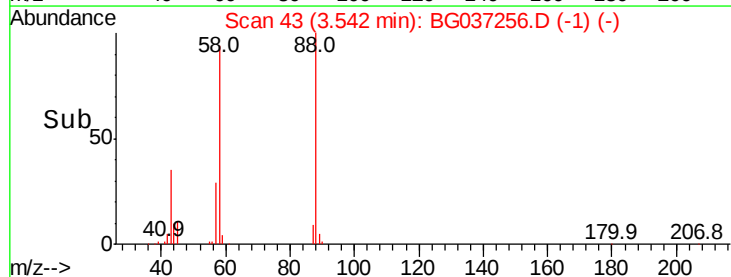
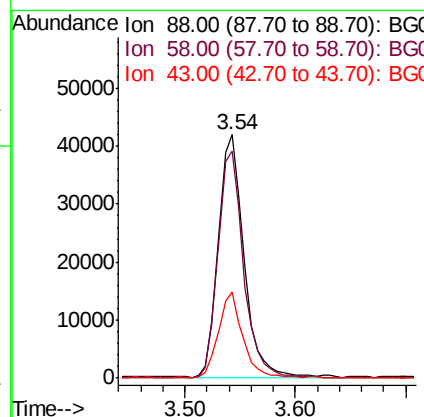
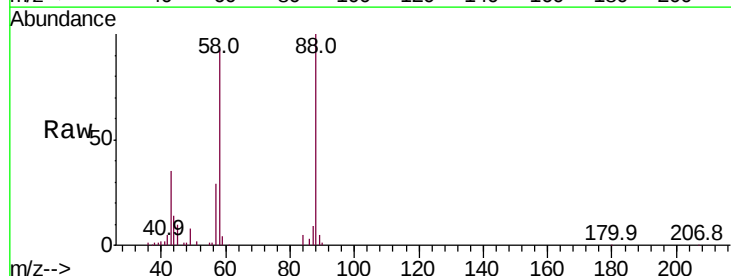
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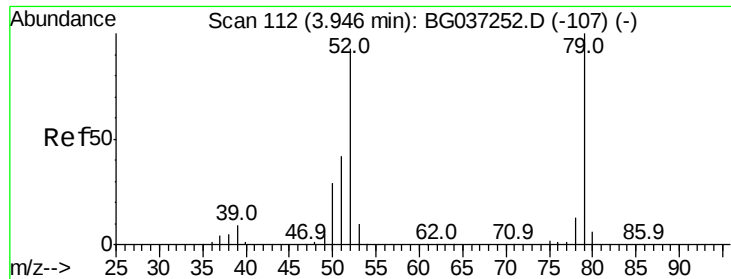


#2

1,4-Dioxane
Concen: 40.652 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.2	74.4	111.6
43	33.2	25.8	38.8





#3

Pvridine

Concen: 43.131 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

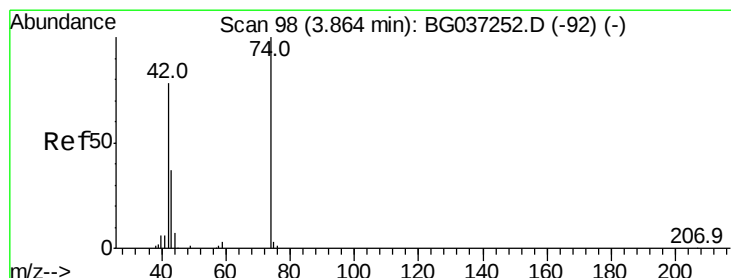
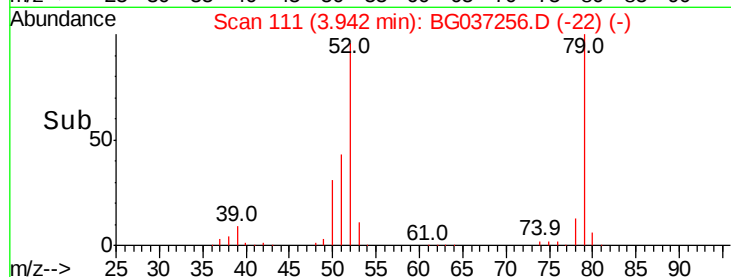
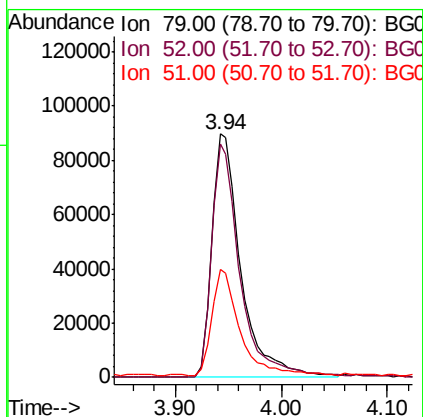
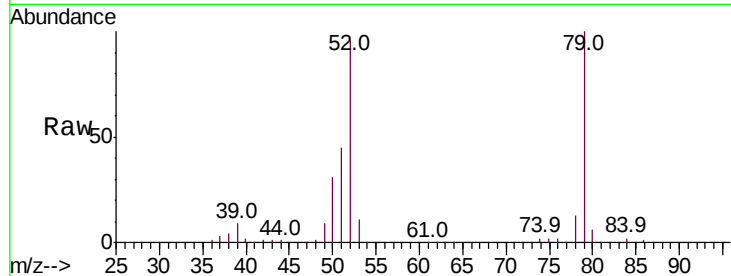
ClientSampleId :

ICVBG101118

Tot Ion:	79	Resp:	172604
Ion	Ratio	Lower	Upper
79	100		
52	95.7	74.2	111.2
51	44.6	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 42.973 ng

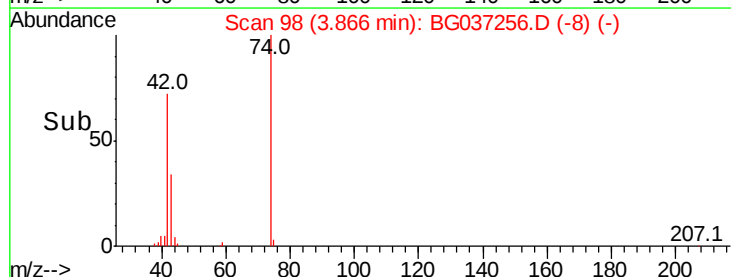
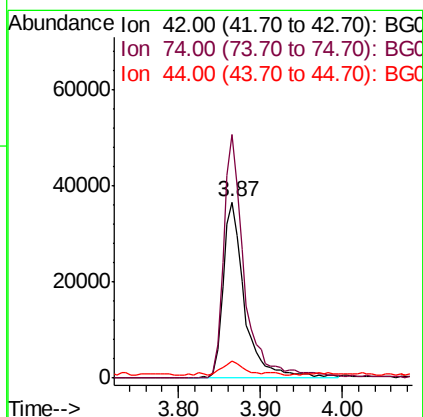
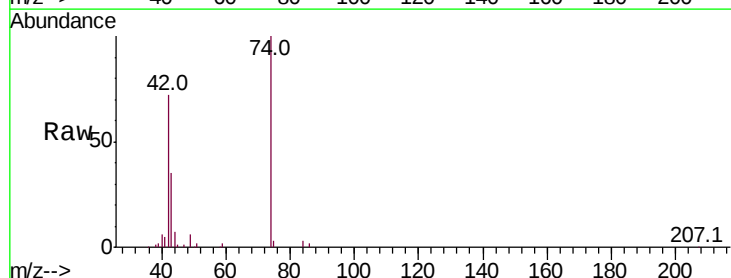
RT: 3.87 min Scan# 98

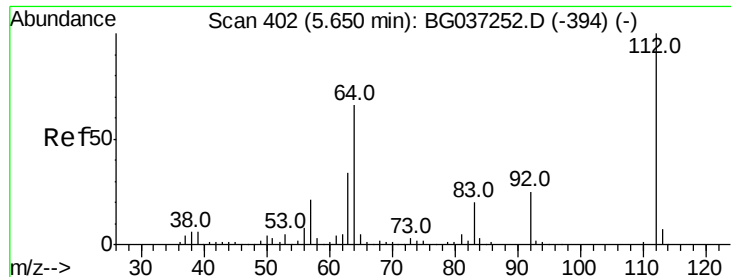
Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tgt Ion:	42	Resp:	66783
Ion	Ratio	Lower	Upper
42	100		
74	138.4	102.0	153.0
44	9.5	9.6	14.4#





#5

2-Fluorophenol

Concen: 85.424 ng

RT: 5.66 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

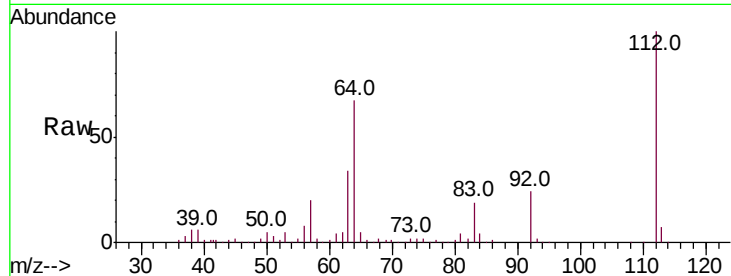
ClientSampleId :

ICVBG101118

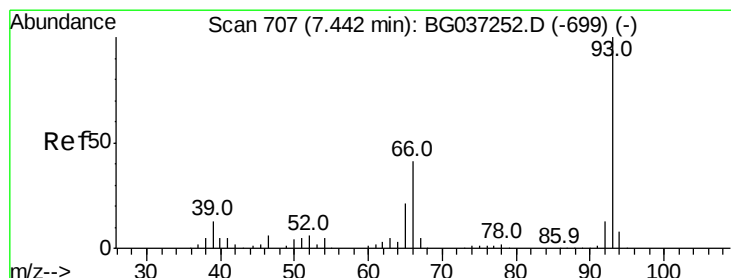
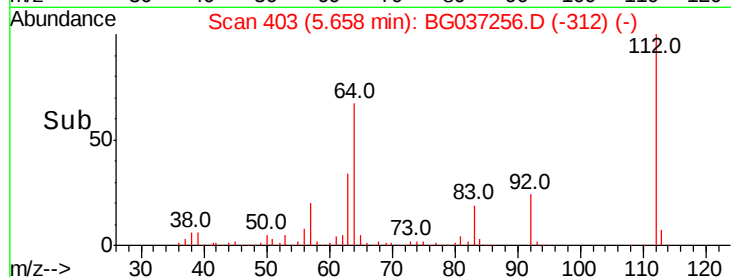
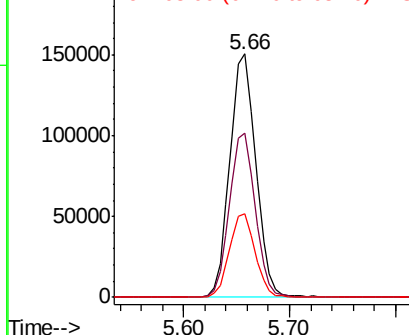
Tot Ion:	112	Resp:	256364
Ion Ratio	Lower	Upper	
112	100		
64	67.4	53.1	79.7
63	34.1	27.3	40.9

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



#6

Aniline

Concen: 40.969 ng

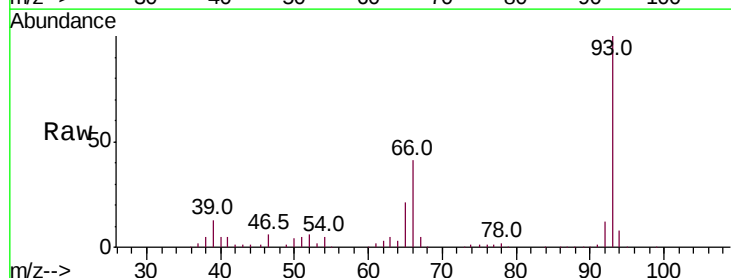
RT: 7.45 min Scan# 708

Delta R.T. 0.01 min

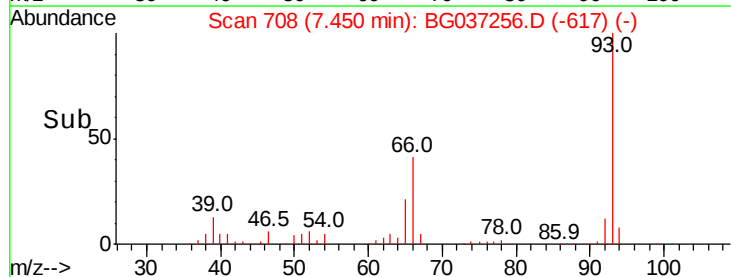
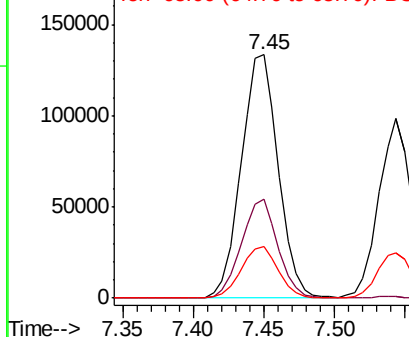
Lab File: BG037256.D

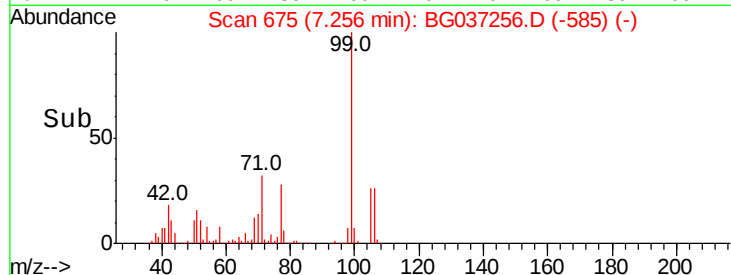
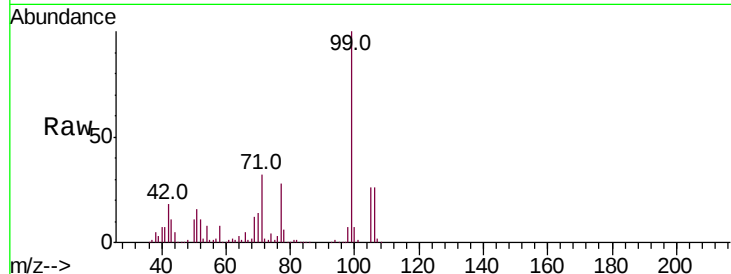
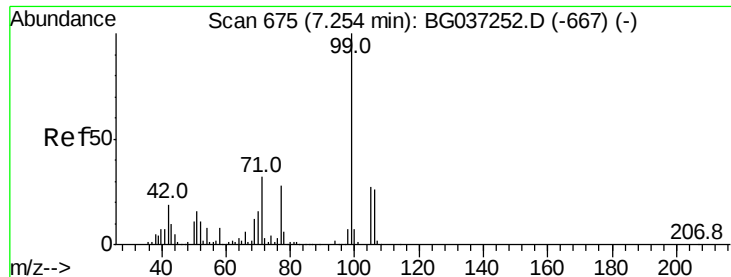
Acq: 11 Oct 2018 14:06

Tgt Ion:	93	Resp:	244292
Ion Ratio	Lower	Upper	
93	100		
66	40.7	32.8	49.2
65	21.1	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: 84.867 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		386580		
42	18.5	15.0	22.4		
71	31.7	25.5	38.3		

Instrument :

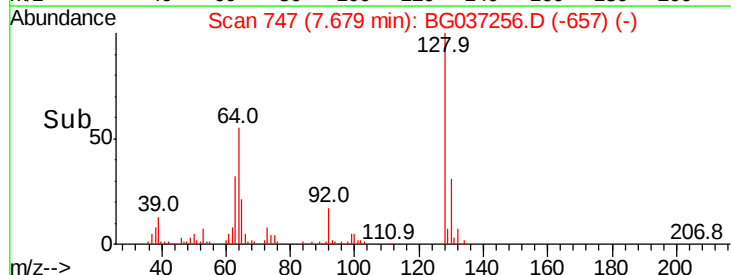
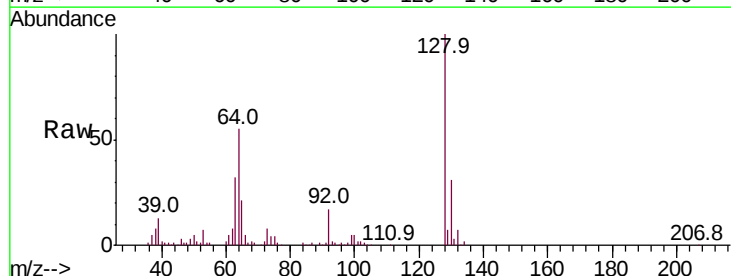
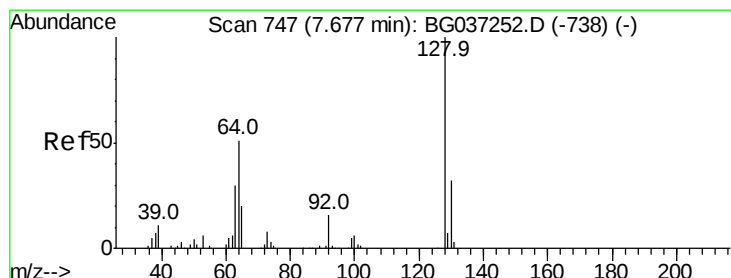
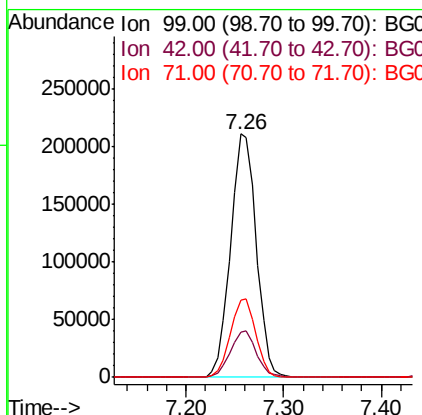
BNA_G

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#8

2-Chlorophenol

Concen: 42.469 ng

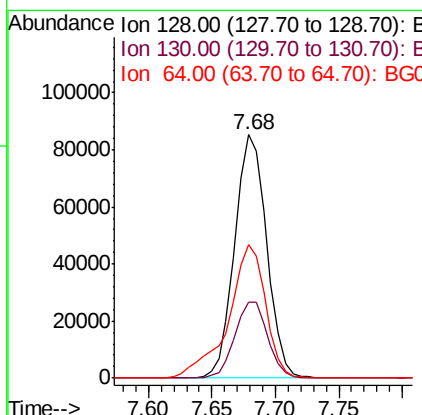
RT: 7.68 min Scan# 747

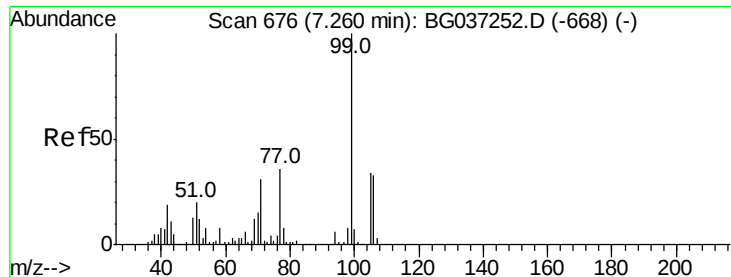
Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		149167		
130	31.3	12.0	52.0		
64	55.0	32.9	72.9		





#9

Benzaldehyde

Concen: 41.987 ng

RT: 7.27 min Scan# 677

Delta R.T. 0.01 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

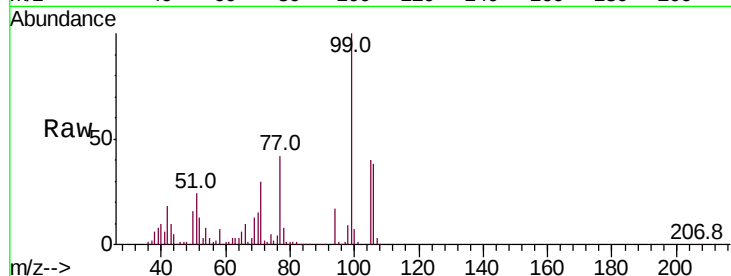
ClientSampleId :

ICVBG101118

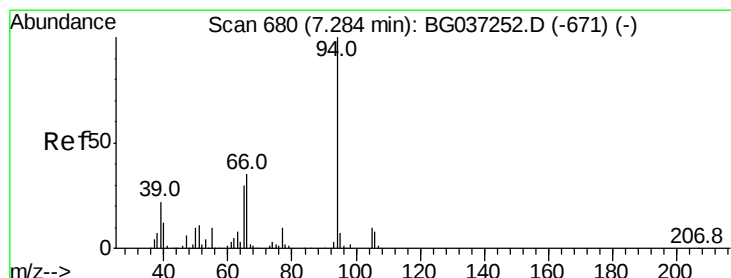
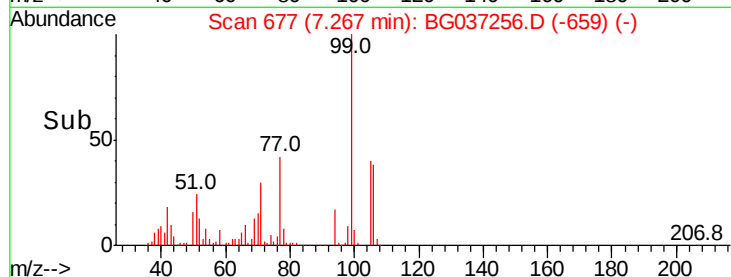
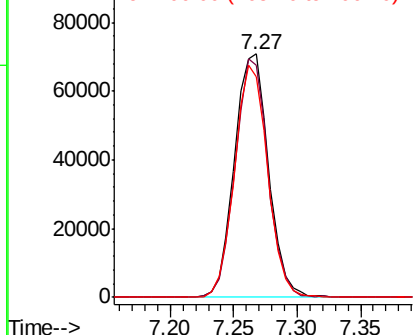
Tot Ion:	77	Resp:	131677
Ion Ratio	Lower	Upper	
77	100		
105	95.2	72.6	112.6
106	90.6	71.3	111.3

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



#10

Phenol

Concen: 41.959 ng

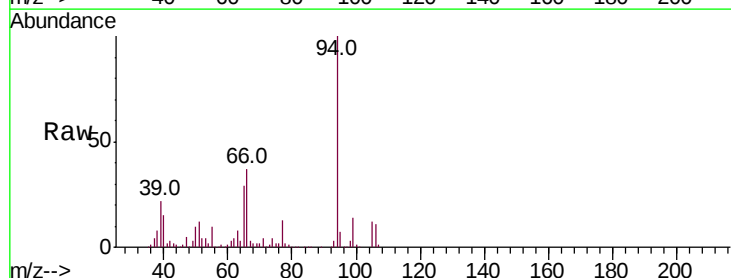
RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

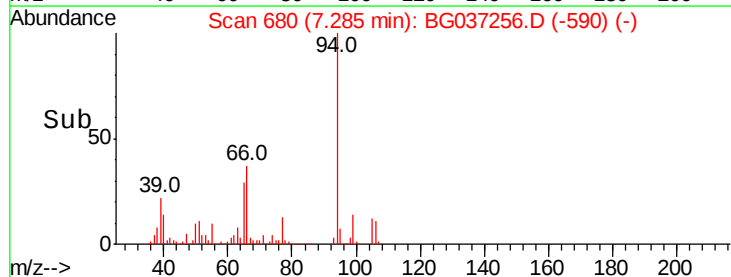
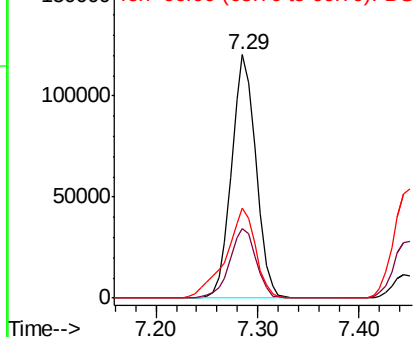
Lab File: BG037256.D

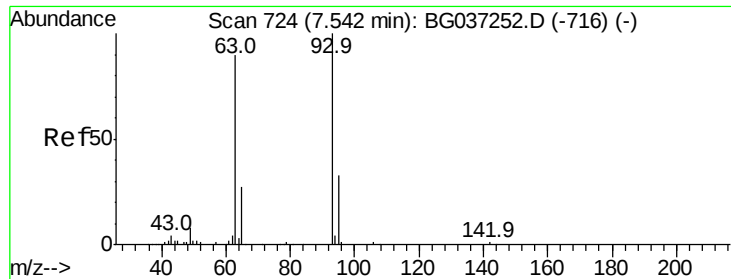
Acq: 11 Oct 2018 14:06

Tgt Ion:	94	Resp:	201295
Ion Ratio	Lower	Upper	
94	100		
65	28.7	9.7	49.7
66	36.9	15.9	55.9



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





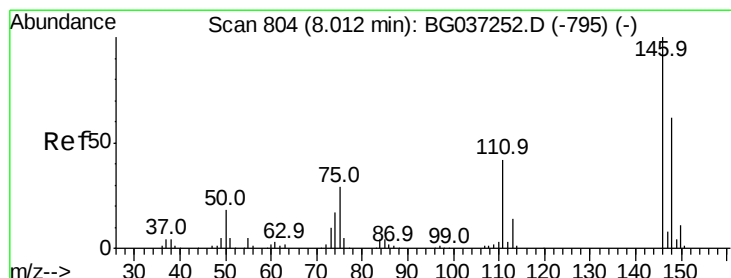
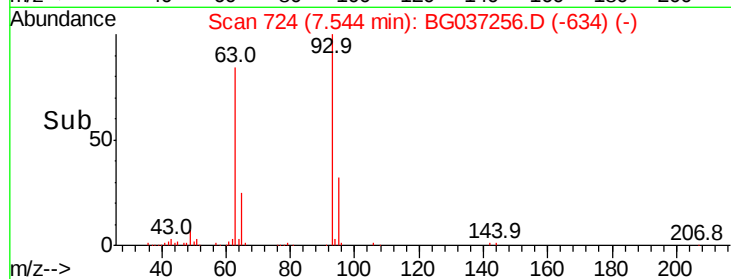
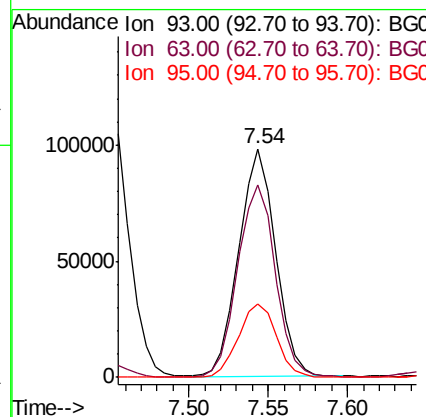
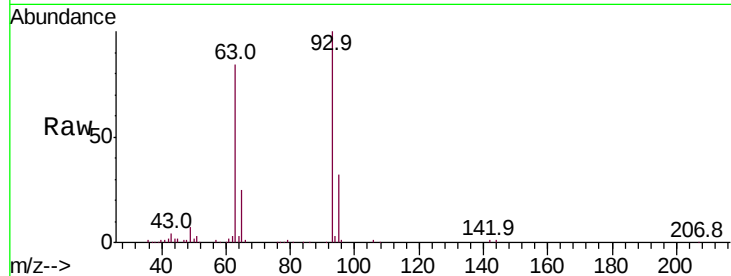
#11
bis(2-Chloroethyl)ether
Concen: 40.268 ng
RT: 7.54 min Scan# 724
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.9	69.5	109.5
95	31.9	12.6	52.6

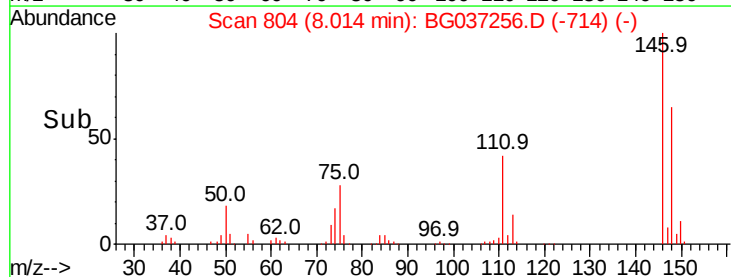
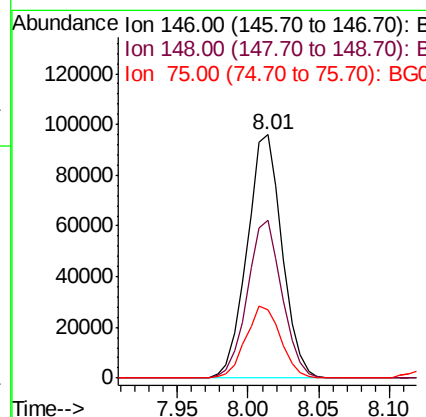
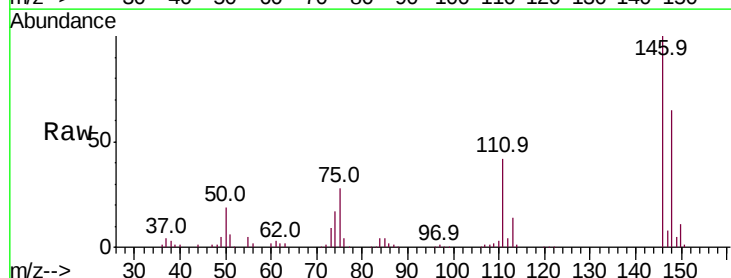
Manual Integrations
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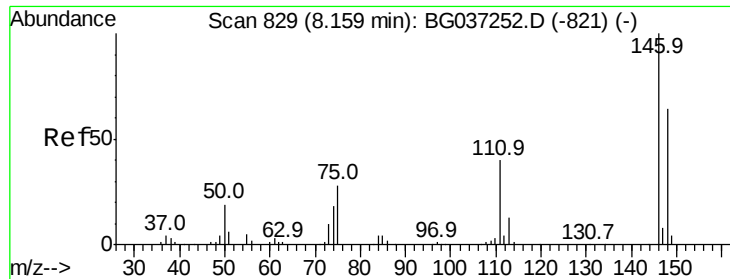
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#12
1,3-Dichlorobenzene
Concen: 40.407 ng
RT: 8.01 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.8	74.8
75	27.9	23.2	34.8





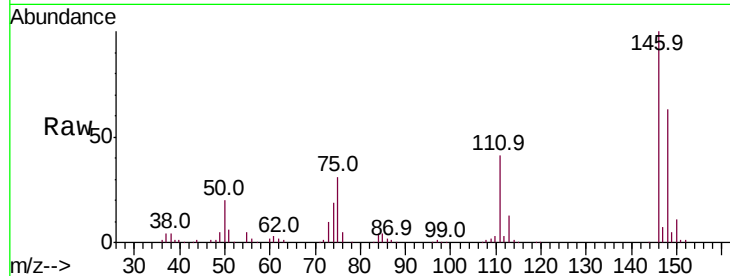
#13
 1,4-Dichlorobenzene
 Concen: 40.537 ng
 RT: 8.16 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BG037256.D
 Acq: 11 Oct 2018 14:06

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG101118

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.0	76.6
111	40.7	32.4	48.6

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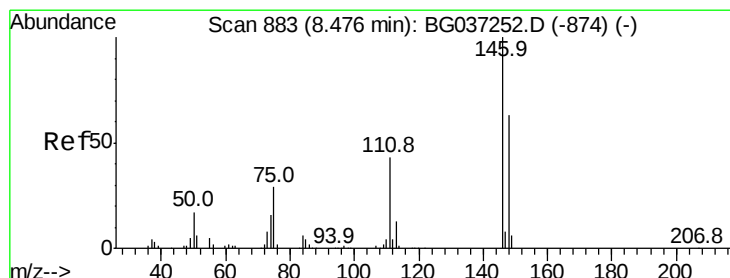
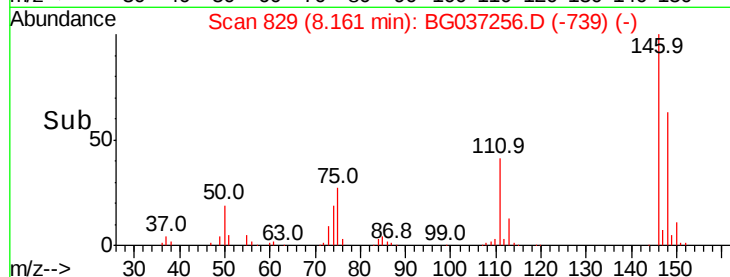
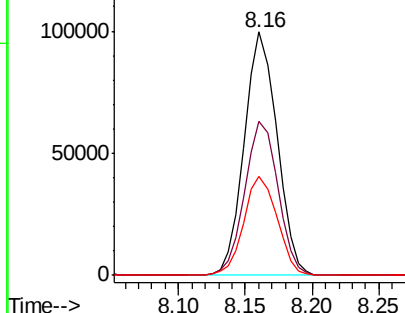


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.281 ng
 RT: 8.48 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BG037256.D
 Acq: 11 Oct 2018 14:06

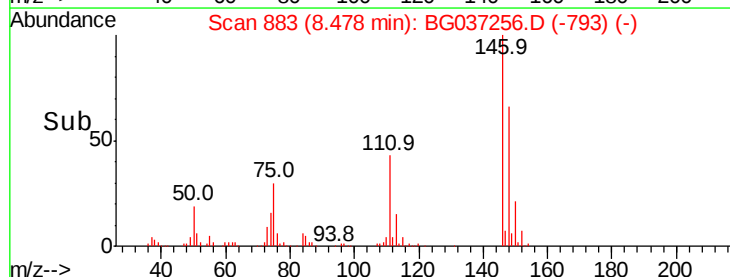
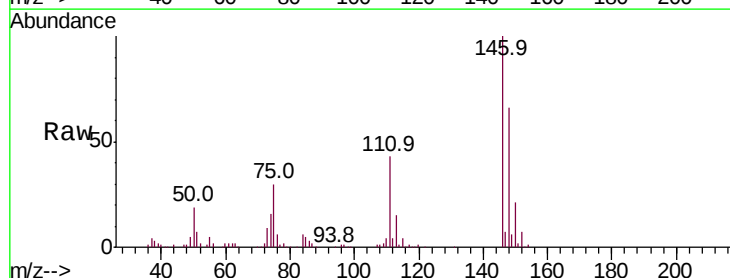
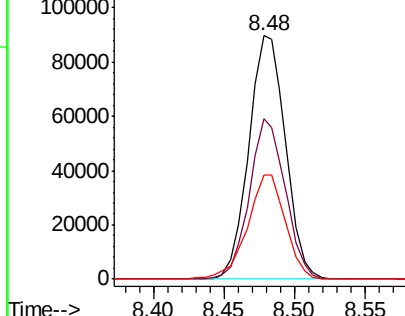
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.4	75.6
111	42.9	34.6	51.8

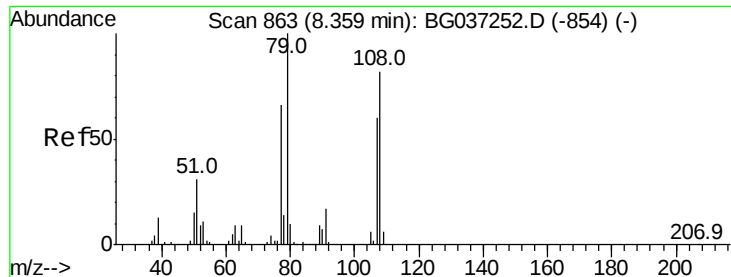
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.114 ng

RT: 8.36 min Scan# 863

Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

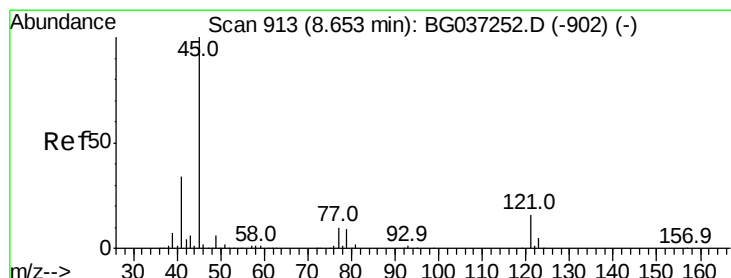
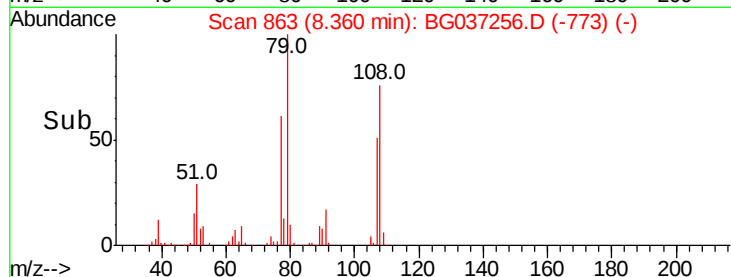
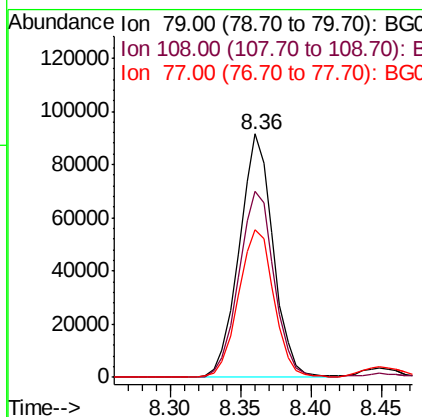
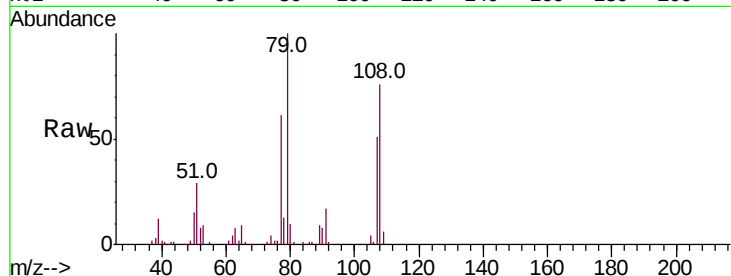
ClientSampleId :

ICVBG101118

Tot Ion:	79	Resp:	153617
Ion Ratio	Lower	Upper	
79	100		
108	76.2	65.8	98.8
77	60.5	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.376 ng

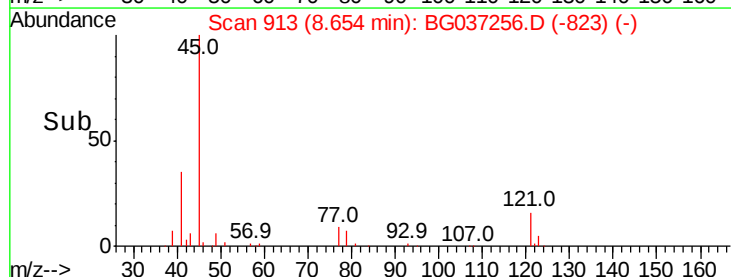
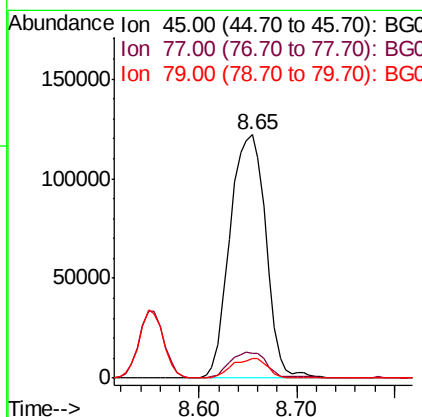
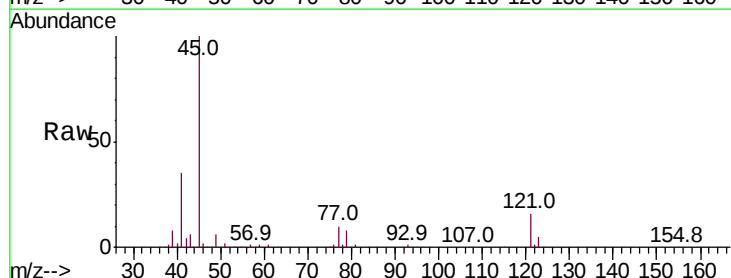
RT: 8.65 min Scan# 913

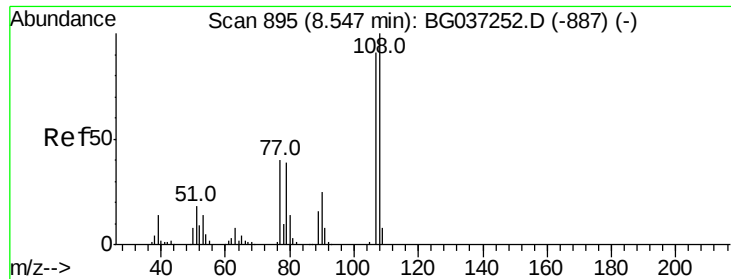
Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tgt Ion:	45	Resp:	312838
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	30.0
79	7.9	0.0	29.0





#17

2-Methylphenol

Concen: 42.512 ng

RT: 8.55 min Scan# 896

Delta R.T. 0.01 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

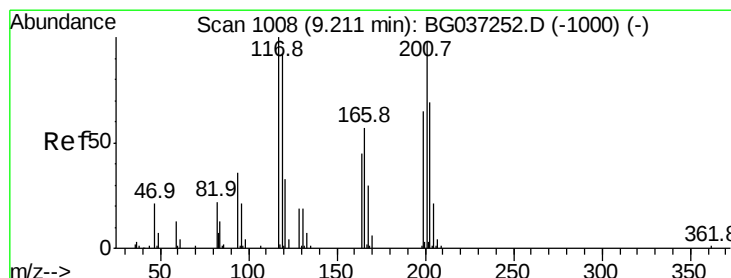
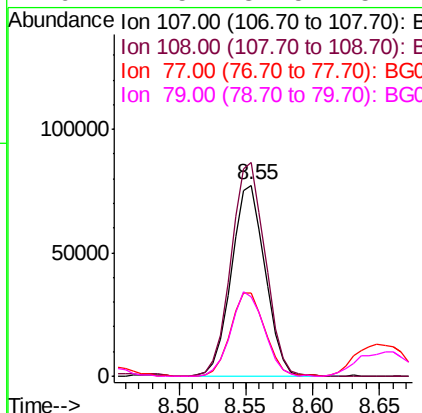
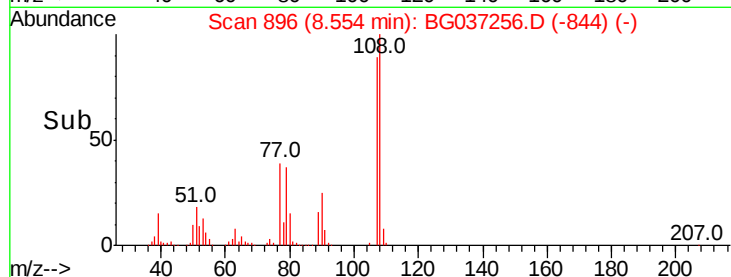
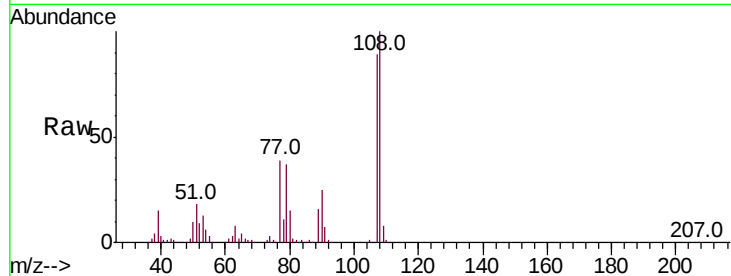
ClientSampleId :

ICVBG101118

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	87.9	131.9	
77	43.6	35.1	52.7	
79	41.5	34.5	51.7	

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#18

Hexachloroethane

Concen: 41.132 ng

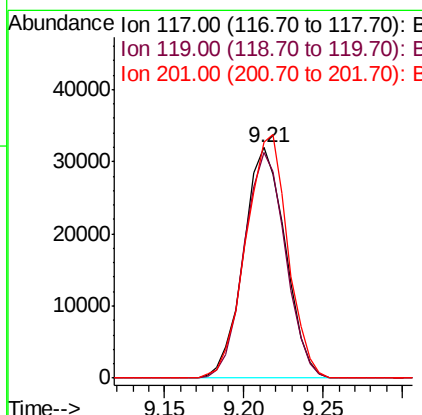
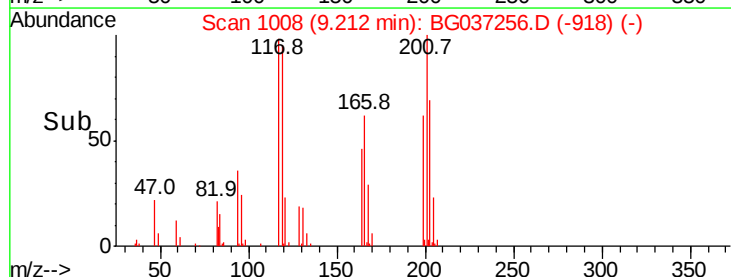
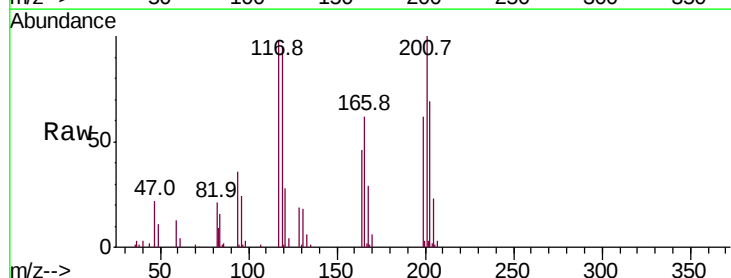
RT: 9.21 min Scan# 1008

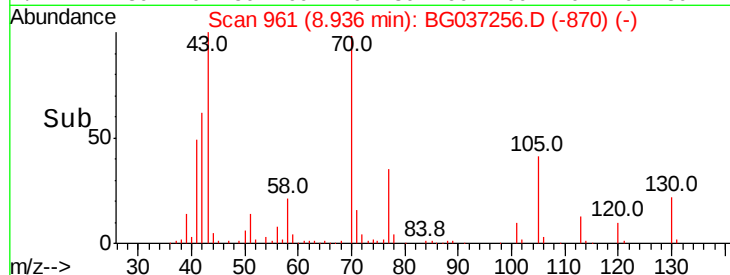
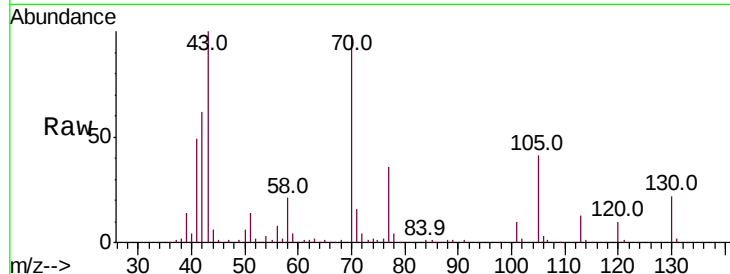
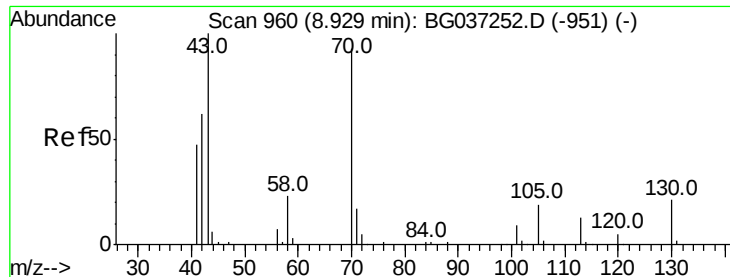
Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	74.6	111.8	
201	102.5	80.8	121.2	





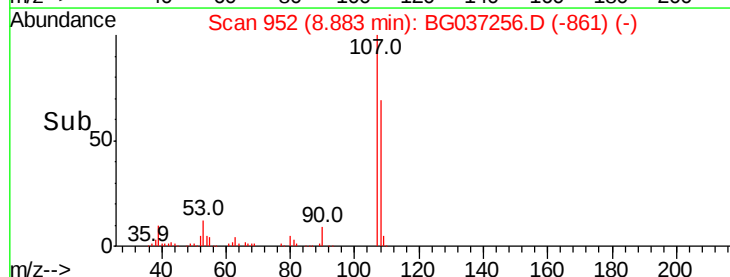
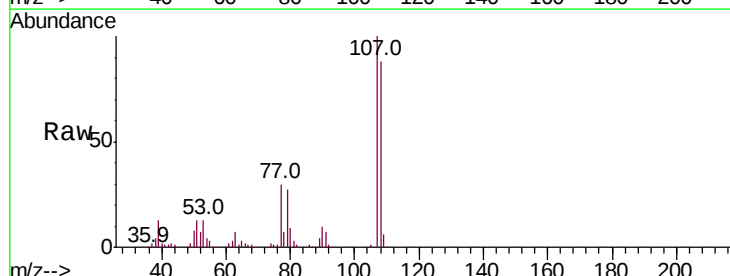
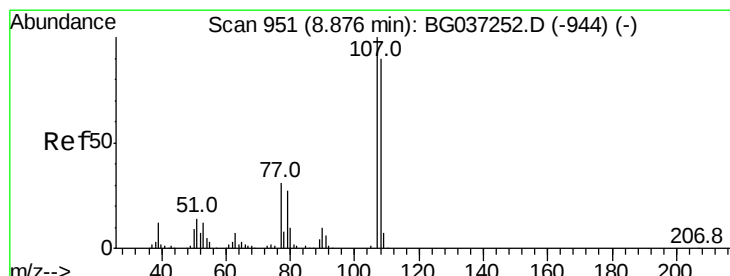
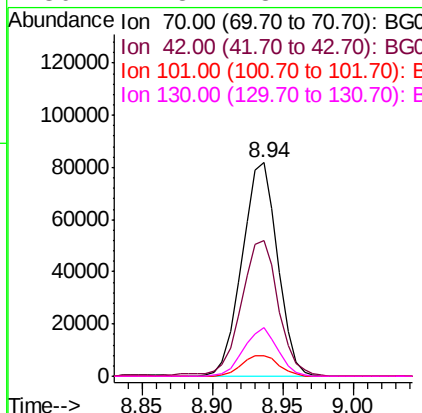
#19
n-Nitroso-di-n-propylamine
Concen: 41.919 ng
RT: 8.94 min Scan# 961
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.6	53.9	80.9	
101	9.9	8.2	12.2	
130	22.8	18.2	27.4	

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

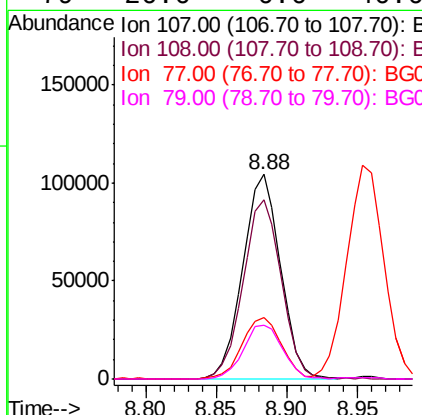
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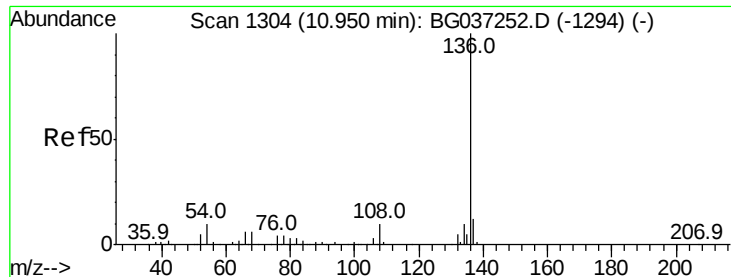
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#20
3+4-Methylphenols
Concen: 43.488 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	69.9	109.9	
77	30.3	11.2	51.2	
79	26.6	6.6	46.6	





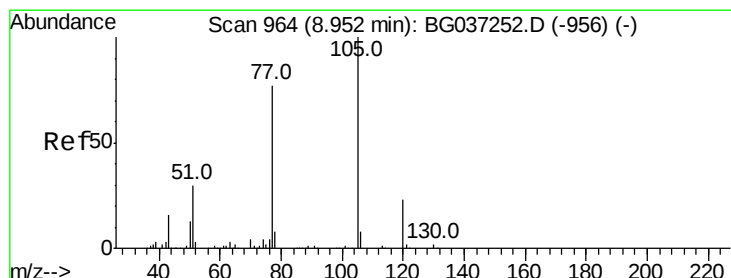
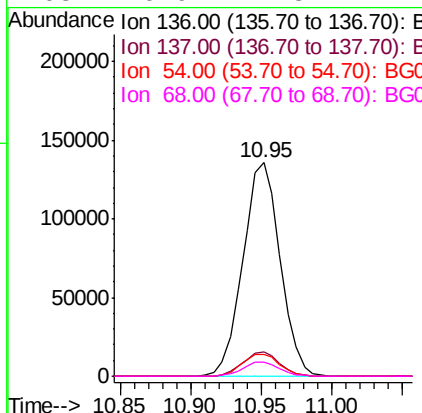
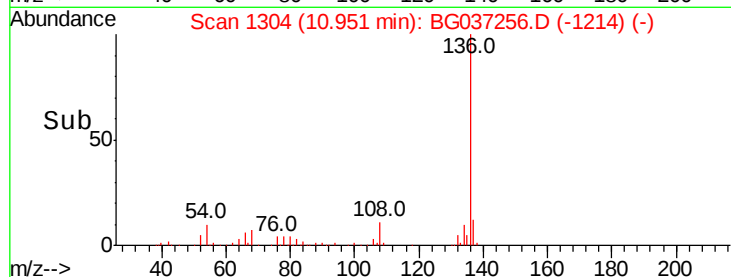
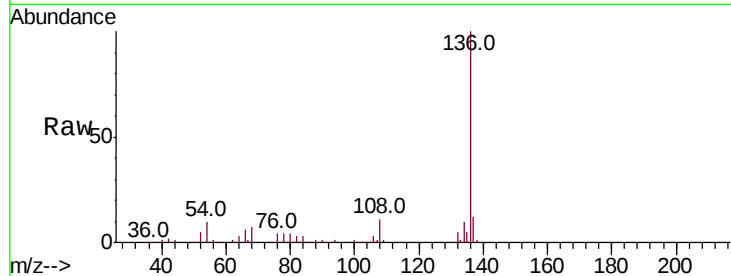
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Resp	Lower	Upper
136	100	250007		
137	11.5		9.6	14.4
54	10.3		7.9	11.9
68	6.9		4.8	7.2

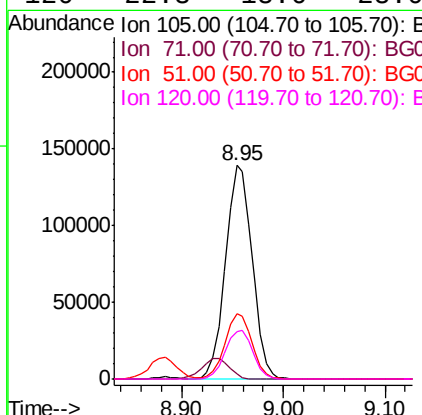
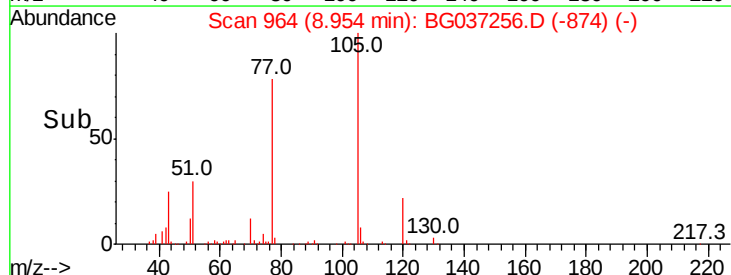
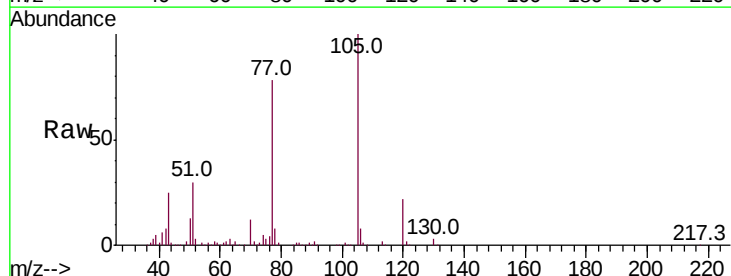
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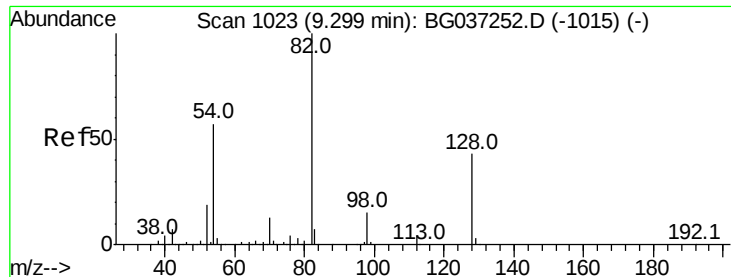
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#22
Acetophenone
Concen: 40.246 ng
RT: 8.95 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	253638		
71	2.2		1.2	1.8#
51	30.5		25.0	37.6
120	22.3		18.6	28.0





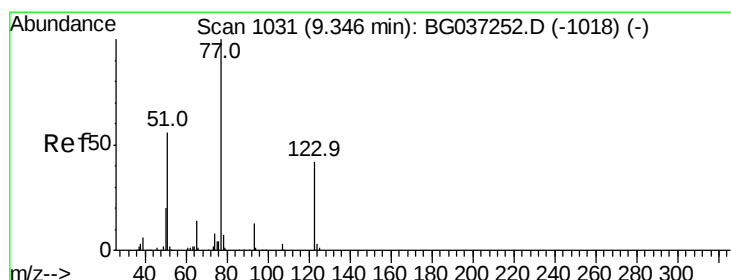
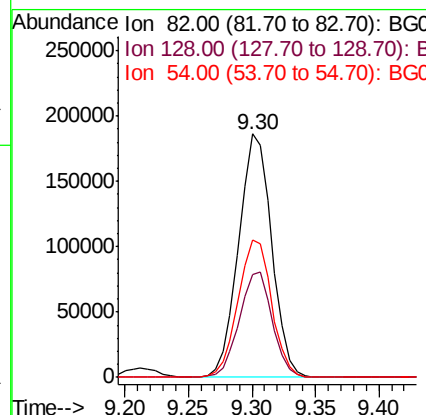
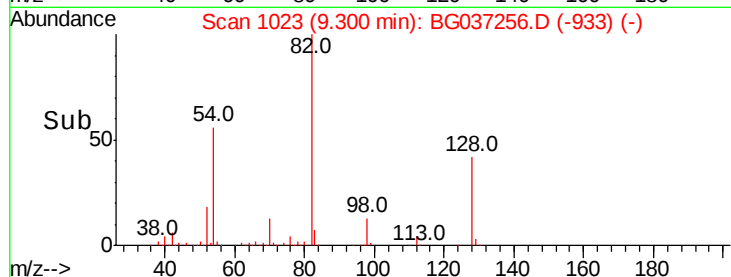
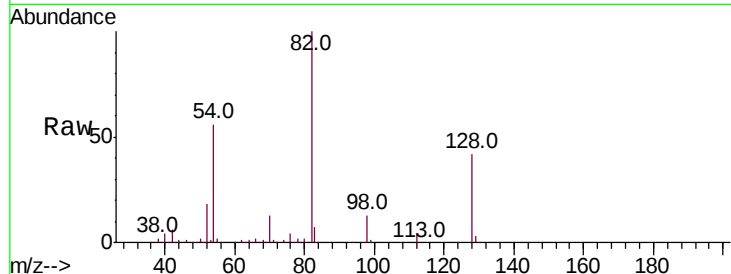
#23
Nitrobenzene-d5
Concen: 88.511 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	51.8
54	56.2	45.3	67.9

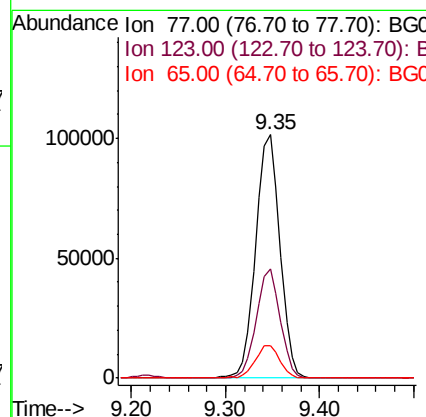
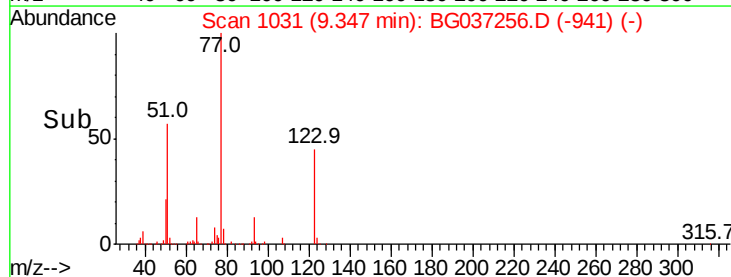
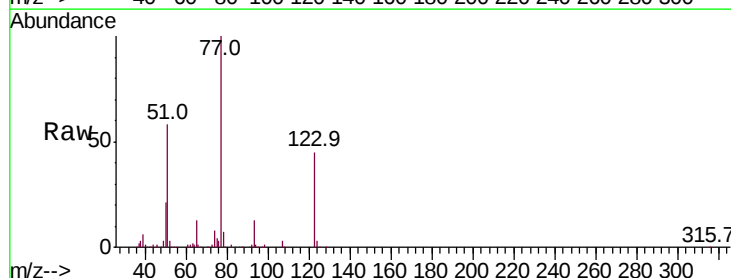
Manual Integrations
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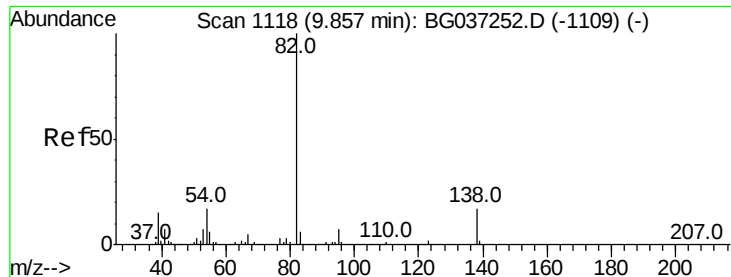
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#24
Nitrobenzene
Concen: 44.674 ng
RT: 9.35 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	33.6	50.4
65	13.2	11.3	16.9





#25

Isophorone

Concen: 40.745 ng

RT: 9.86 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

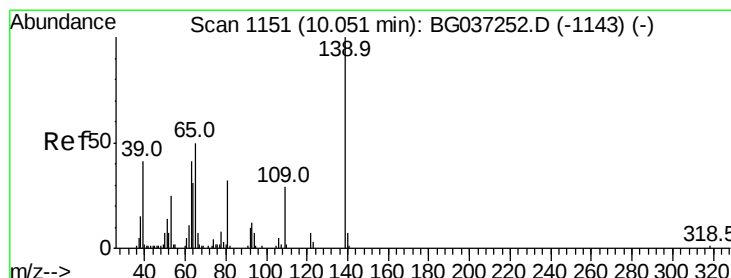
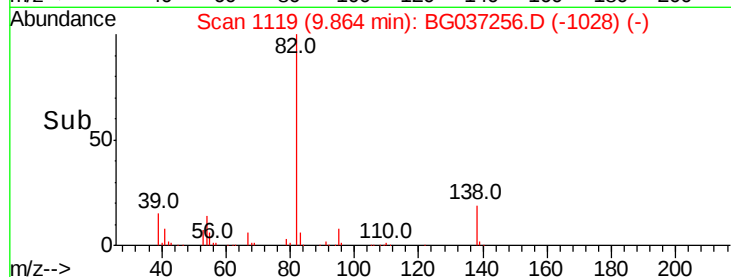
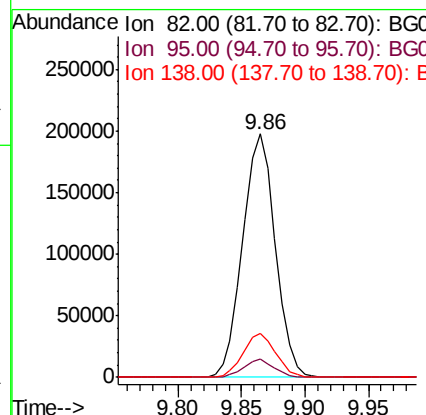
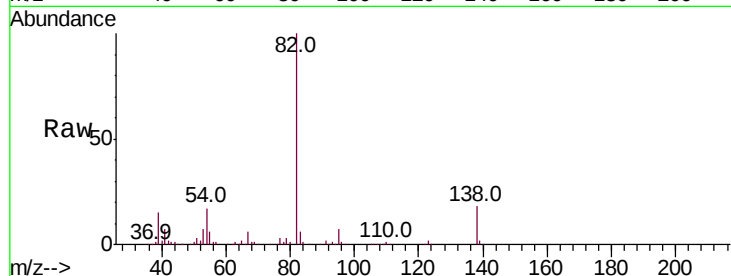
ClientSampleId :

ICVBG101118

Tot Ion:	82	Resp:	353707
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.3	7.9
138	18.1	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.471 ng

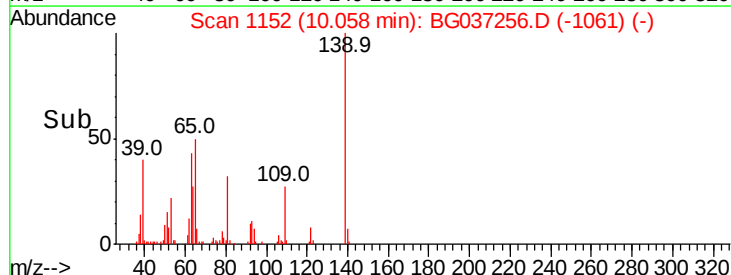
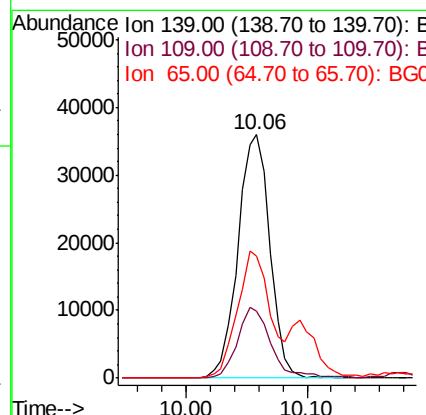
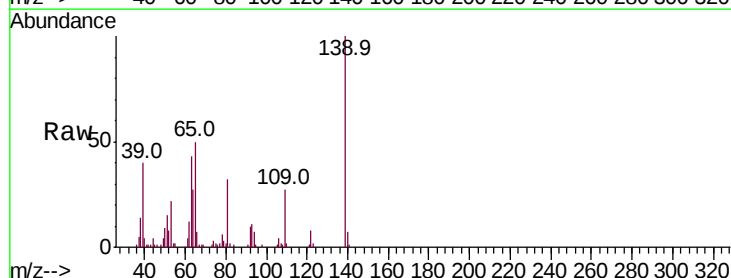
RT: 10.06 min Scan# 1152

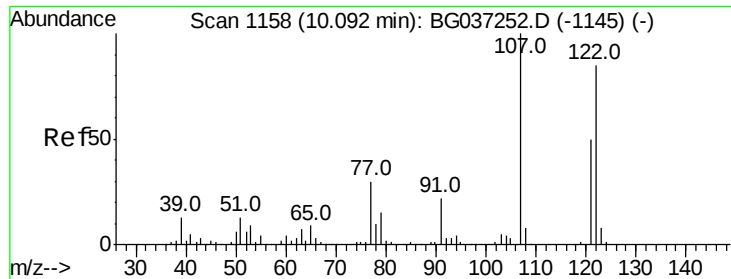
Delta R.T. 0.01 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tgt Ion:	139	Resp:	65806
Ion Ratio	Lower	Upper	
139	100		
109	27.4	23.3	34.9
65	50.1	39.8	59.8





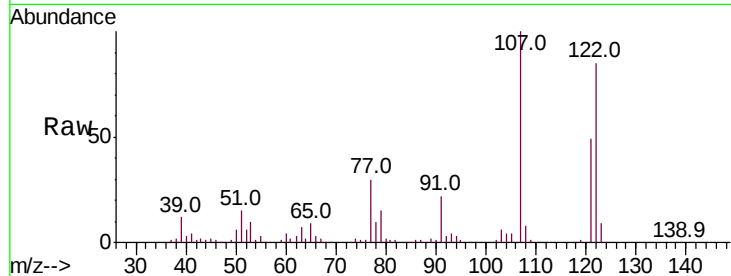
#27
2,4-Dimethylphenol
Concen: 40.787 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	94.2	141.2
121	58.0	47.3	70.9

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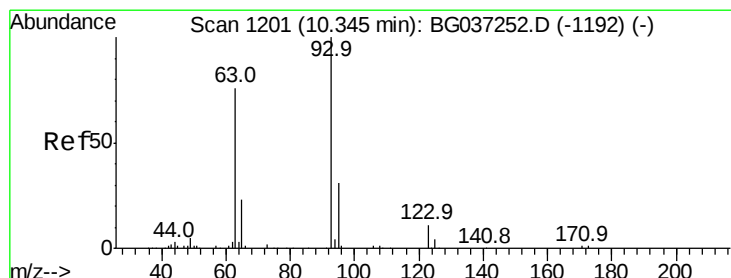
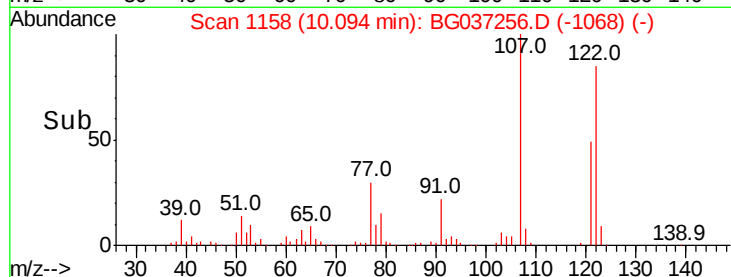
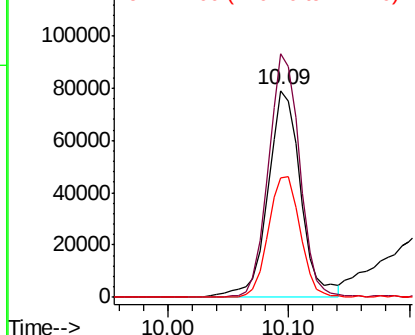


Abundance

Ion 122.00 (121.70 to 122.70): E

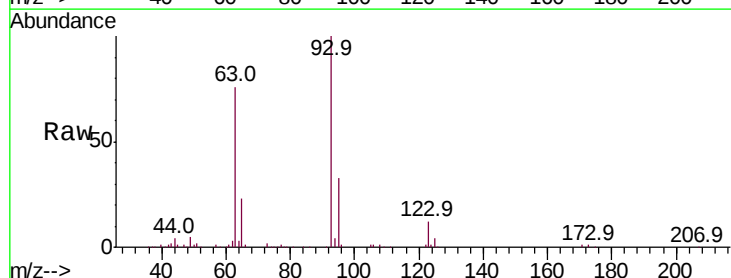
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.532 ng
RT: 10.35 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.6	37.0
123	12.2	9.1	13.7

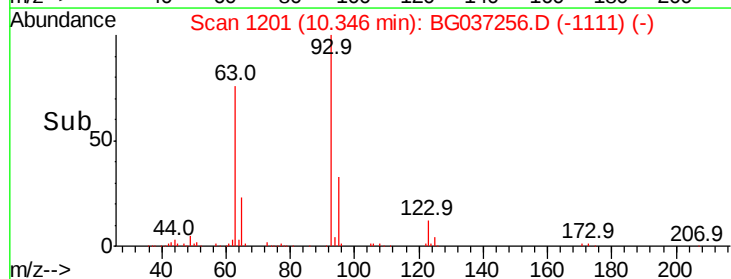
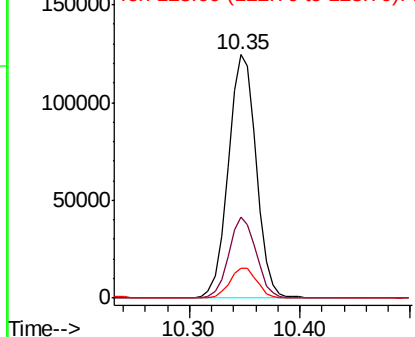


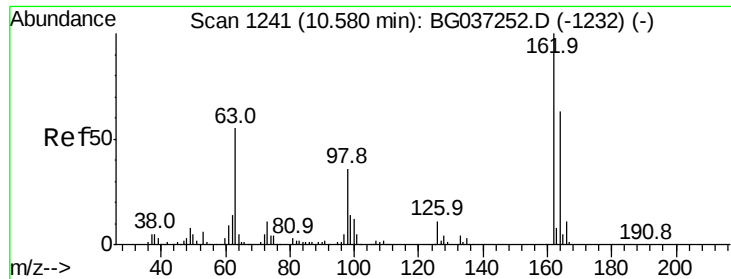
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





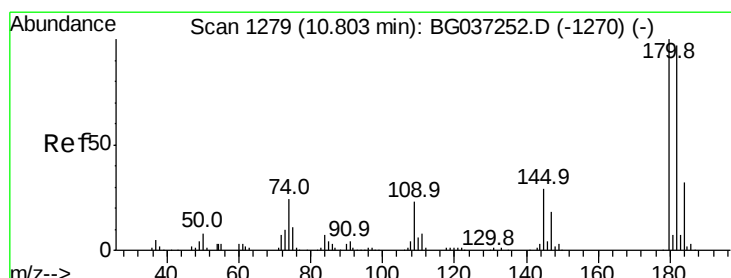
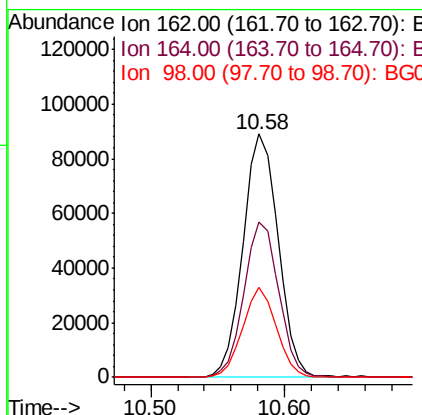
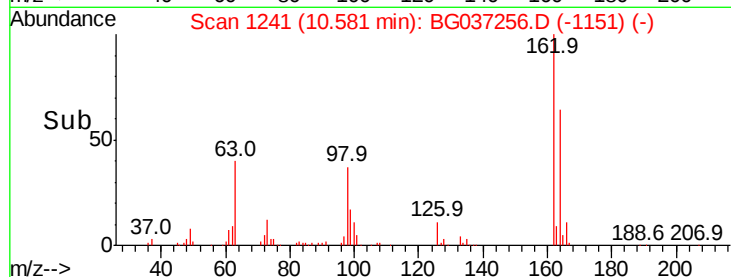
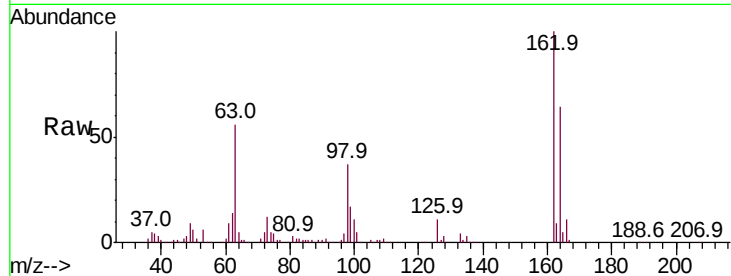
#29
 2,4-Dichlorophenol
 Concen: 43.959 ng
 RT: 10.58 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG037256.D
 Acq: 11 Oct 2018 14:06

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG101118

Tot Ion	Ratio	Resp	Lower	Upper
162	100	161914		
164	63.9	43.2	83.2	
98	37.1	16.0	56.0	

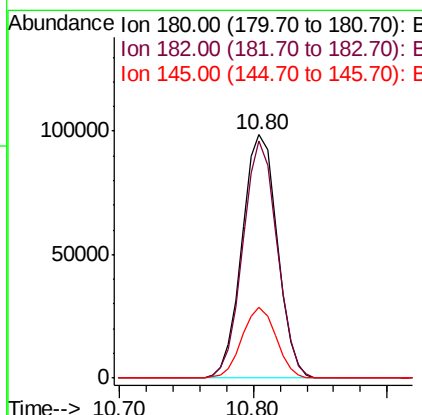
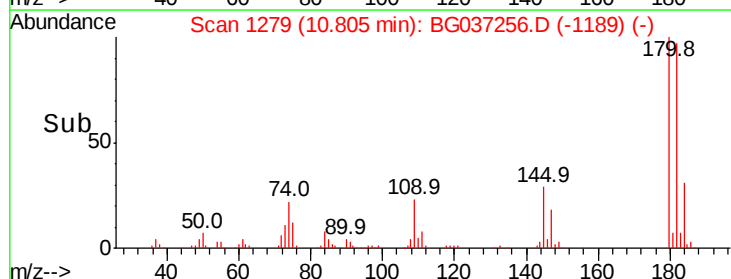
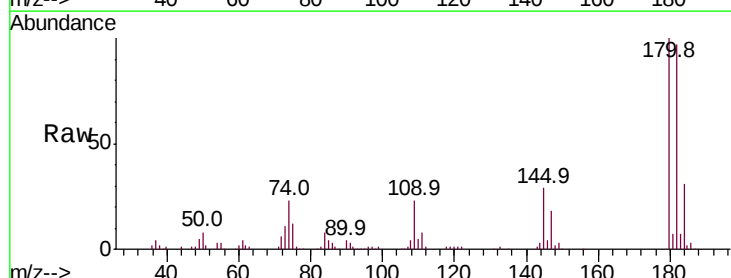
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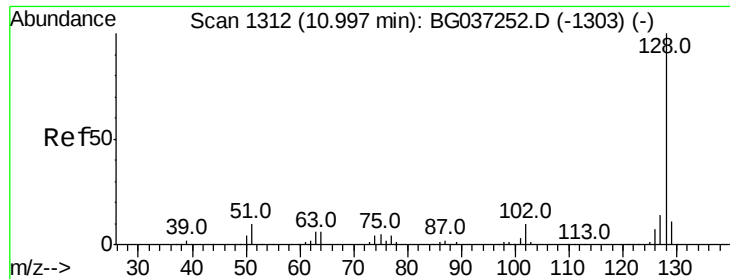
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.196 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BG037256.D
 Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	180162		
182	97.3	77.7	116.5	
145	28.9	23.3	34.9	





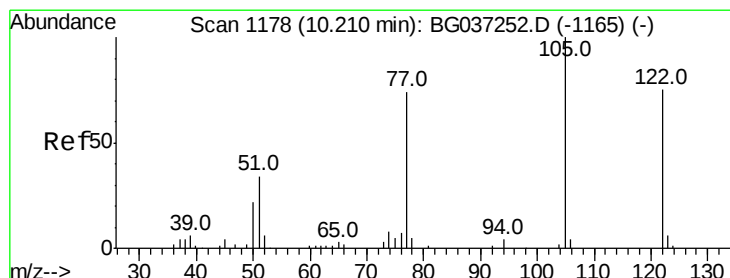
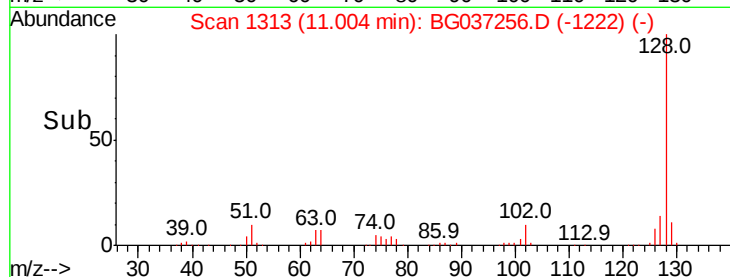
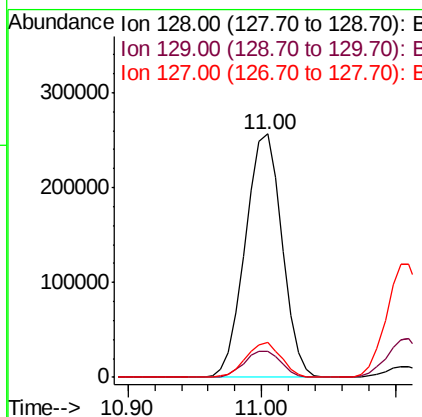
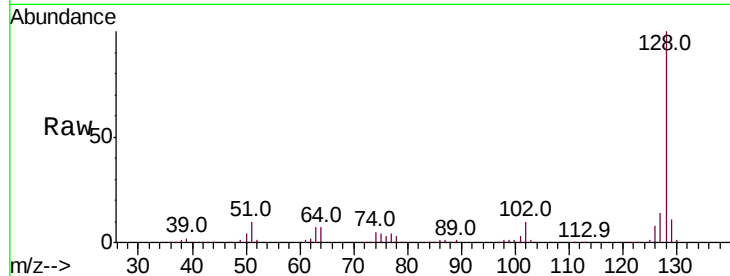
#31
Naphthalene
Concen: 40.048 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	14.1	11.1	16.7

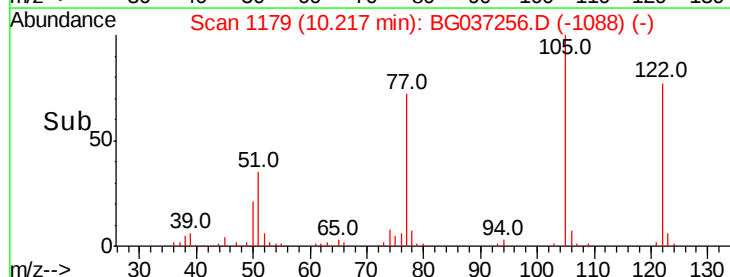
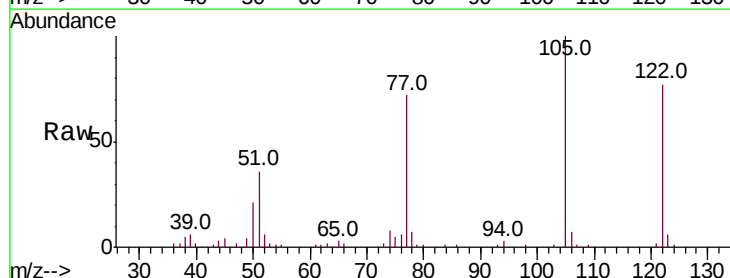
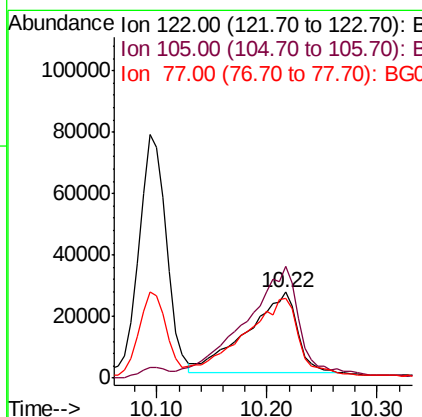
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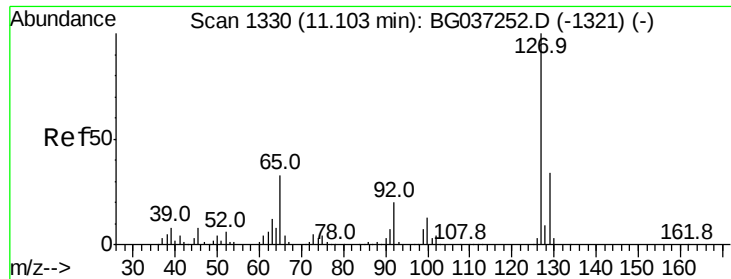
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#32
Benzoic acid
Concen: 42.182 ng m
RT: 10.22 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.7	106.7	146.7
77	93.4	72.2	112.2





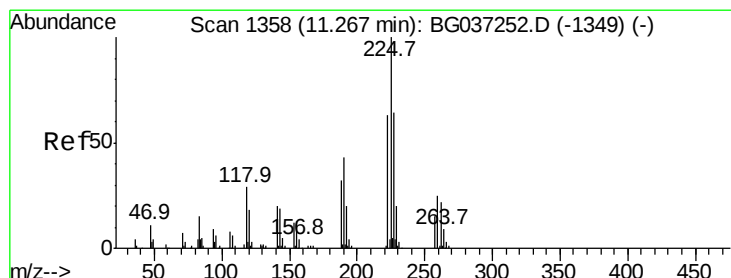
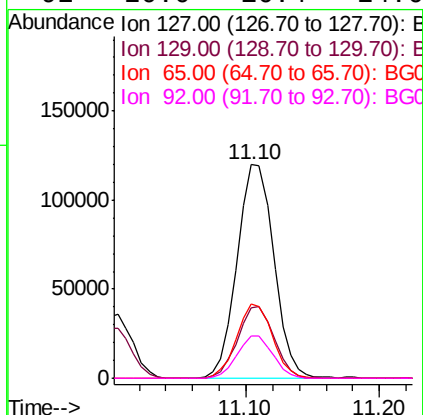
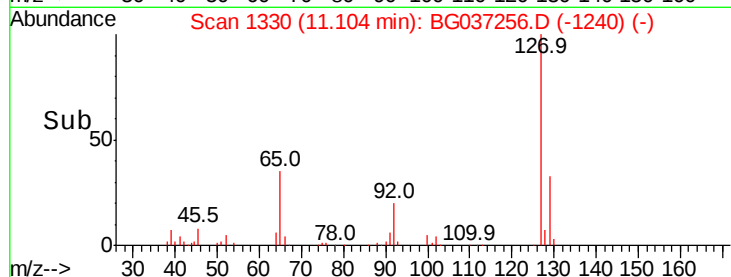
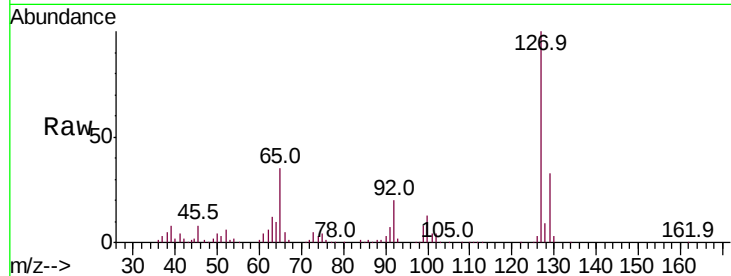
#33
4-Chloroaniline
Concen: 40.206 ng
RT: 11.10 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	27.1	40.7	
65	34.9	26.6	39.8	
92	20.0	16.4	24.6	

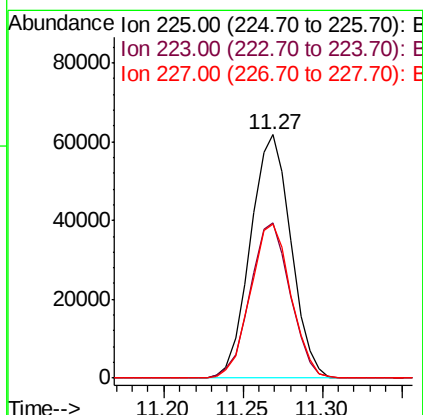
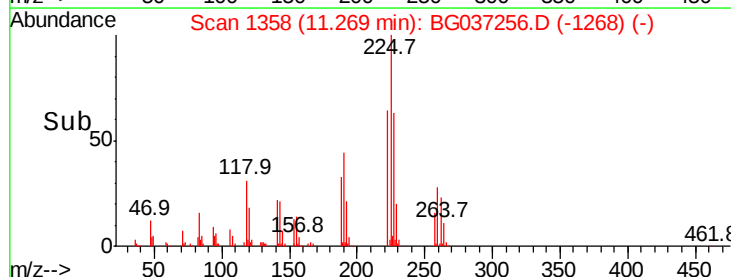
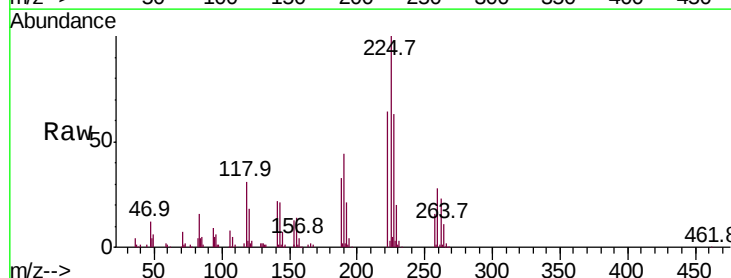
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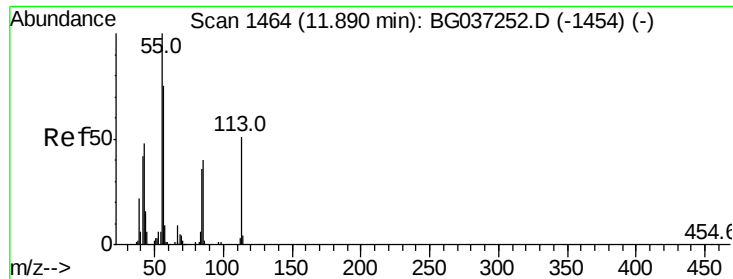
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#34
Hexachlorobutadiene
Concen: 39.392 ng
RT: 11.27 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.1	48.2	72.4	
227	63.1	51.6	77.4	





#35

Caprolactam

Concen: 44.236 ng

RT: 11.89 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

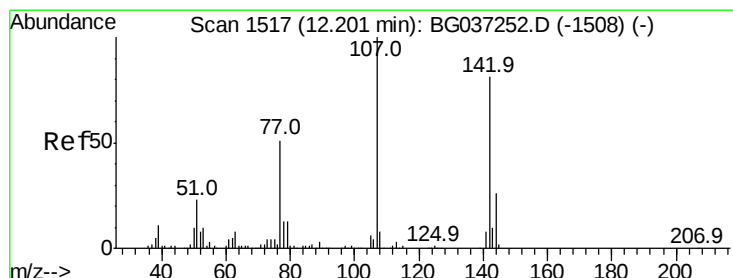
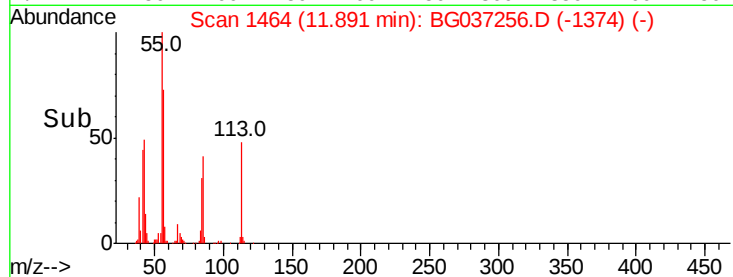
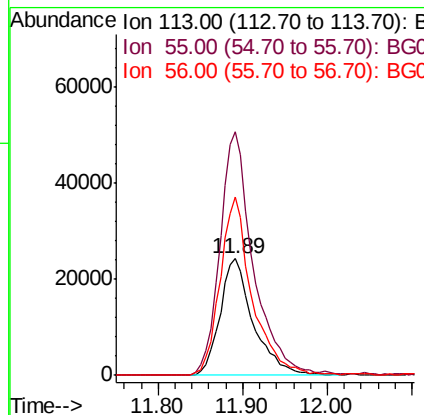
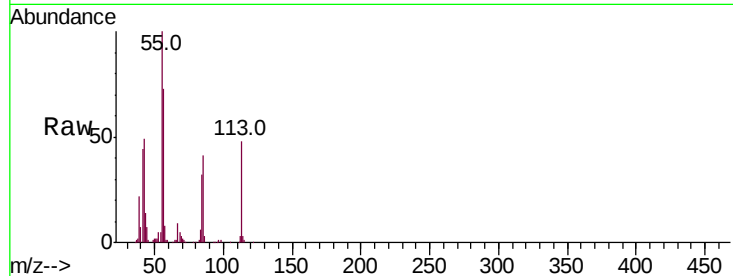
ClientSampleId :

ICVBG101118

Tot Ion	Ratio	Lower	Upper
113	100		
55	209.4	176.6	216.6
56	153.2	128.3	168.3

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#36

4-Chloro-3-methylphenol

Concen: 42.831 ng

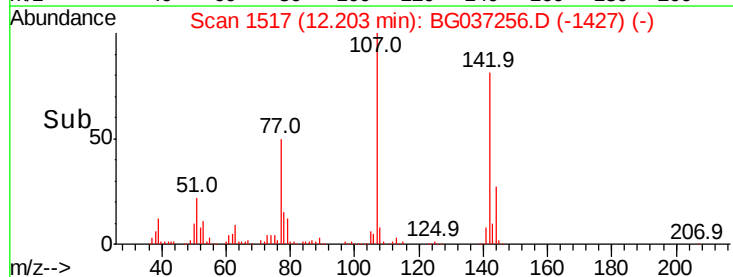
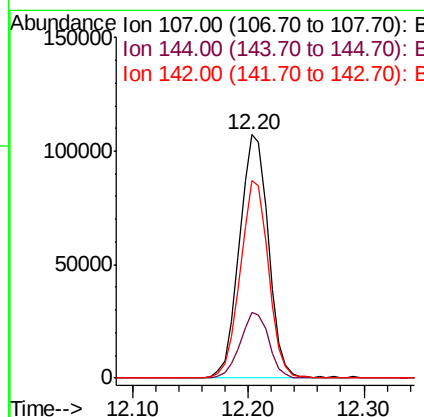
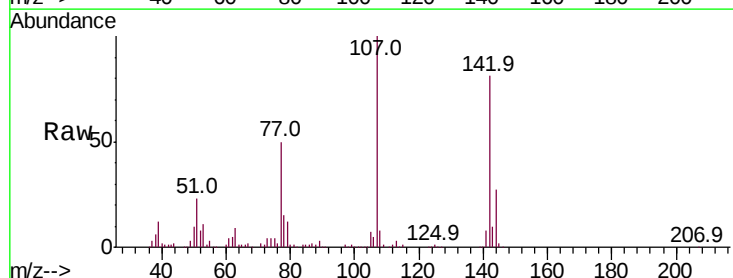
RT: 12.20 min Scan# 1517

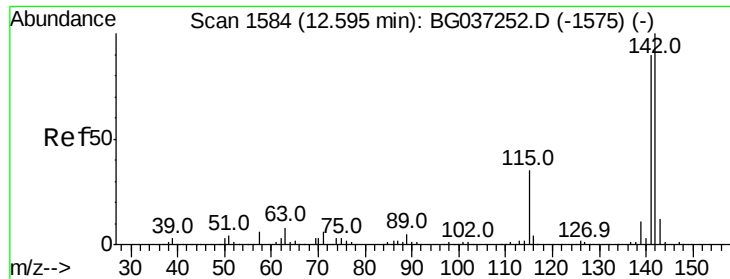
Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.7	31.1
142	81.4	64.4	96.6





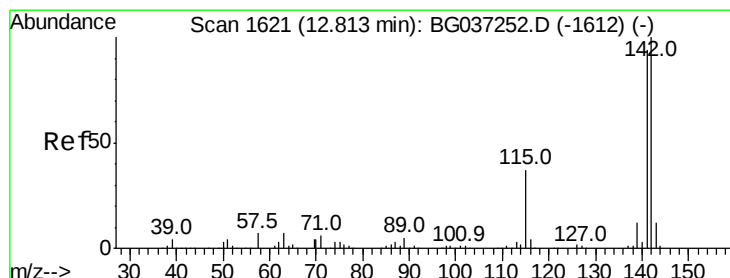
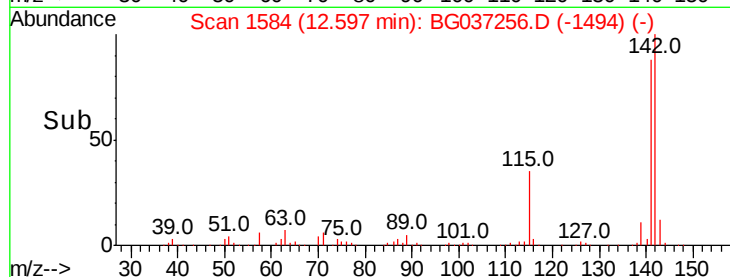
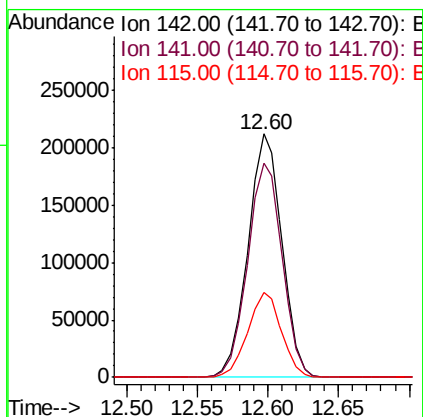
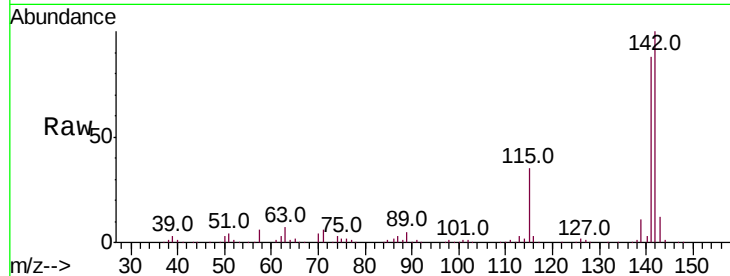
#37
2-Methylnaphthalene
Concen: 40.250 ng
RT: 12.60 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.9	107.9
115	35.1	27.8	41.8

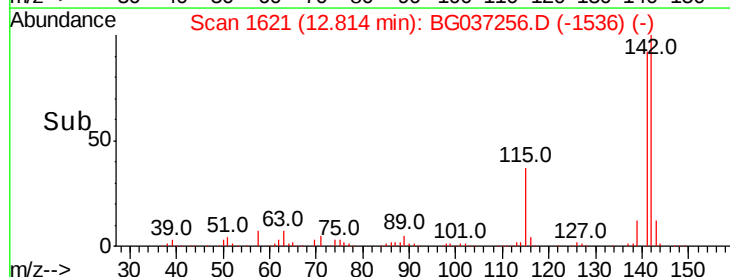
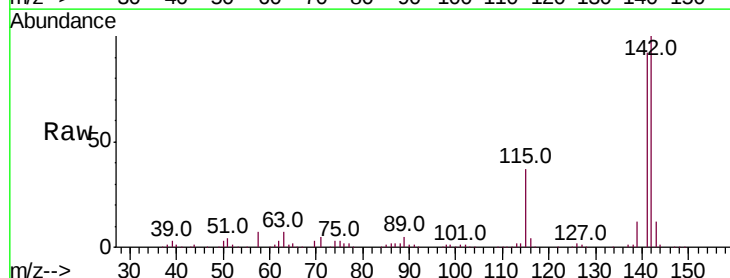
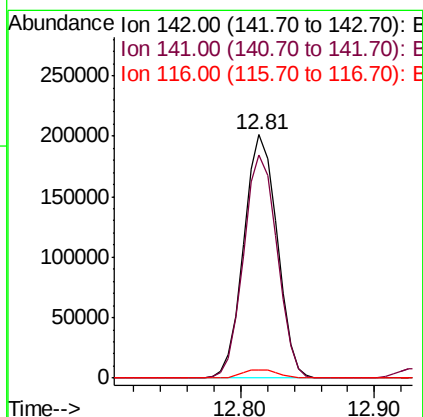
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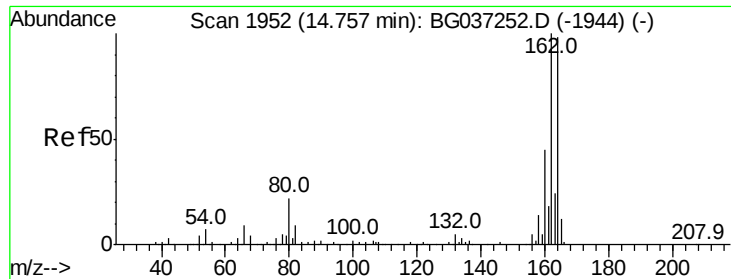
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#38
1-Methylnaphthalene
Concen: 40.033 ng
RT: 12.81 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.2	112.8
116	3.6	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

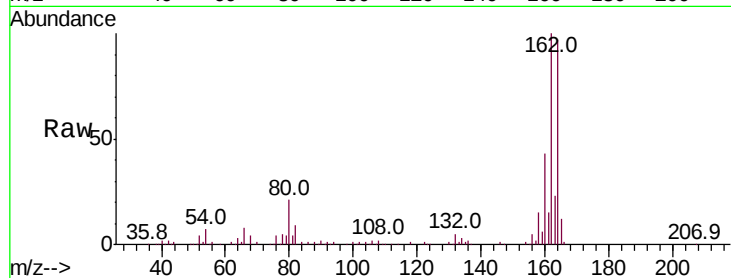
ClientSampleId :

ICVBG101118

Tot Ion	Ratio	Resp	Lower	Upper
164	100	162325		
162	102.6	81.3	121.9	
160	44.5	36.3	54.5	

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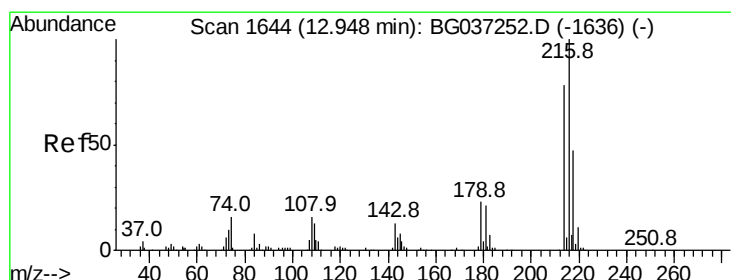
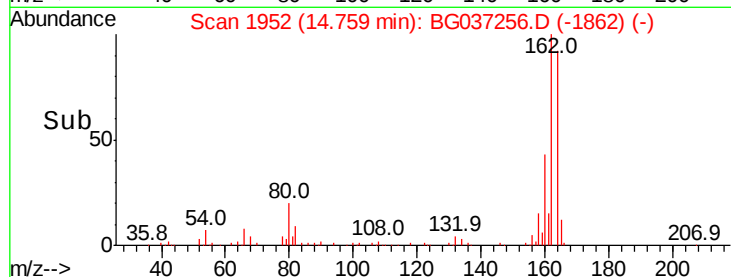
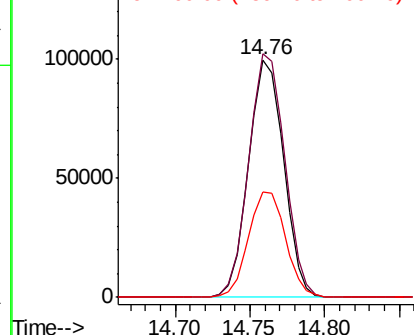


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.586 ng

RT: 12.95 min Scan# 1645

Delta R.T. 0.01 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	208096		
214	80.6	63.8	95.6	
179	21.8	17.4	26.0	
108	17.3	13.9	20.9	

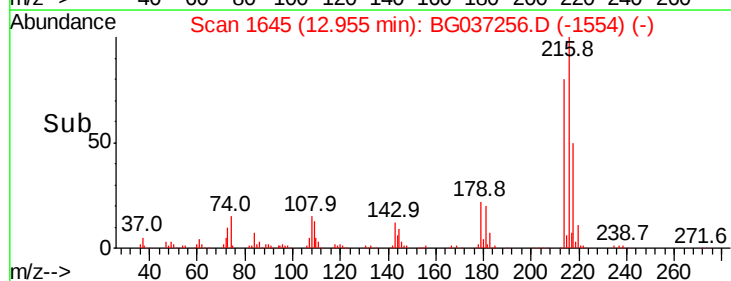
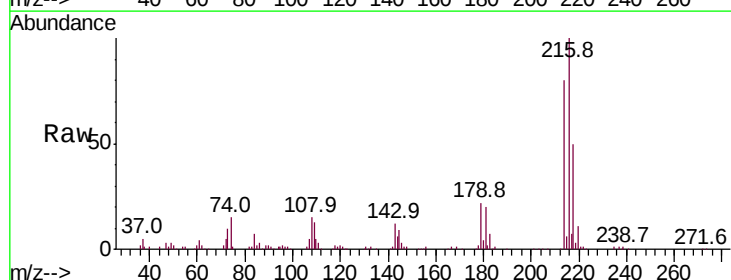
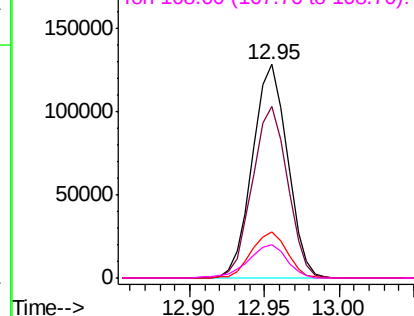
Abundance

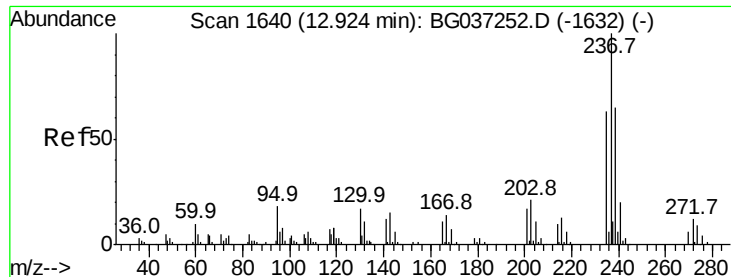
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.425 ng

RT: 12.93 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

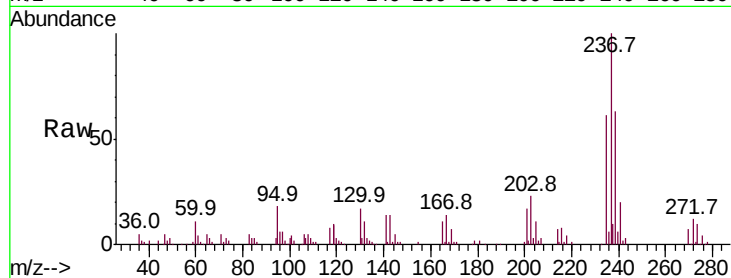
ClientSampleId :

ICVBG101118

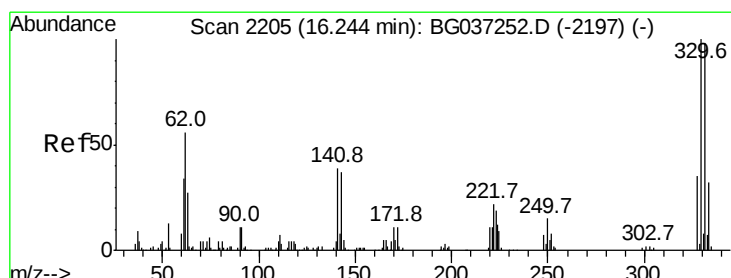
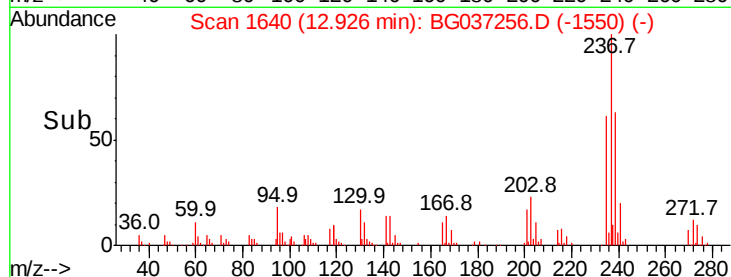
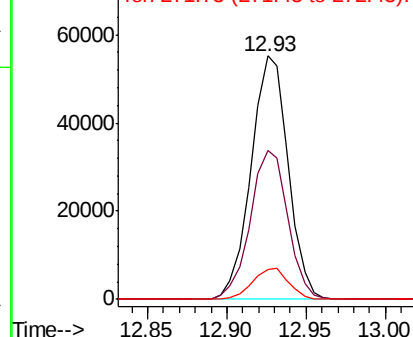
Tot Ion:	237	Resp:	89773
Ion Ratio	Lower	Upper	
237	100		
235	61.0	42.5	82.5
272	12.3	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 86.984 ng

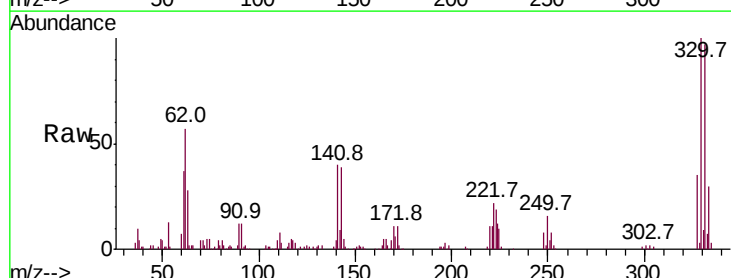
RT: 16.25 min Scan# 2205

Delta R.T. 0.00 min

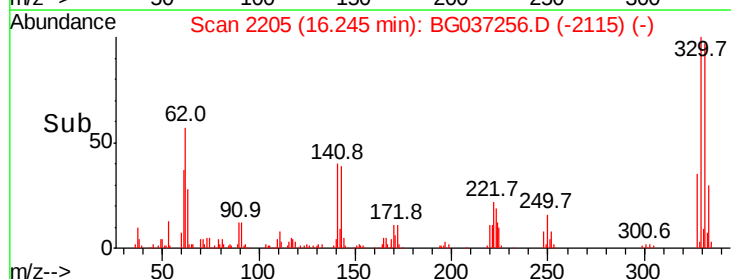
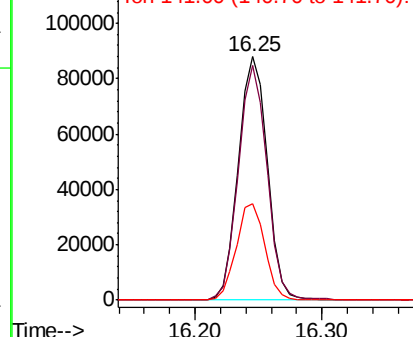
Lab File: BG037256.D

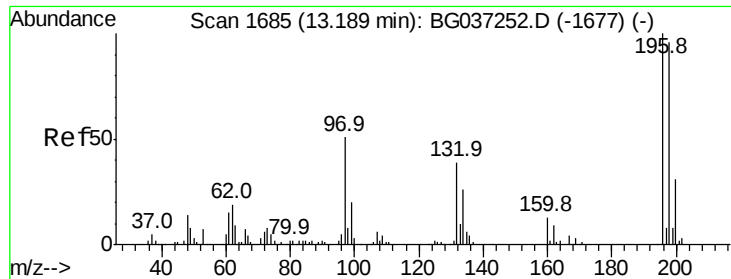
Acq: 11 Oct 2018 14:06

Tgt Ion:	330	Resp:	138475
Ion Ratio	Lower	Upper	
330	100		
332	95.2	78.4	117.6
141	39.2	32.2	48.2



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





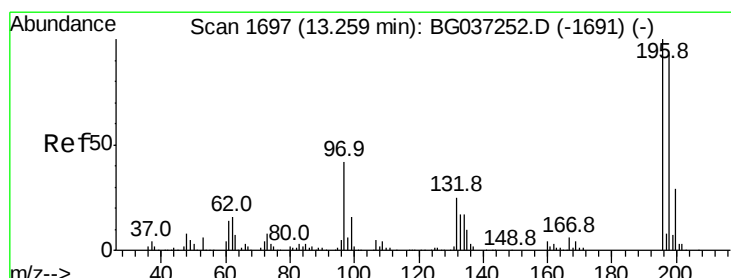
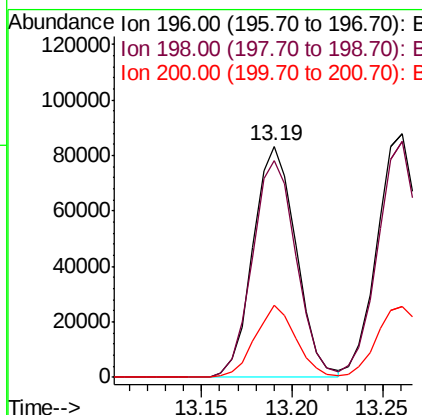
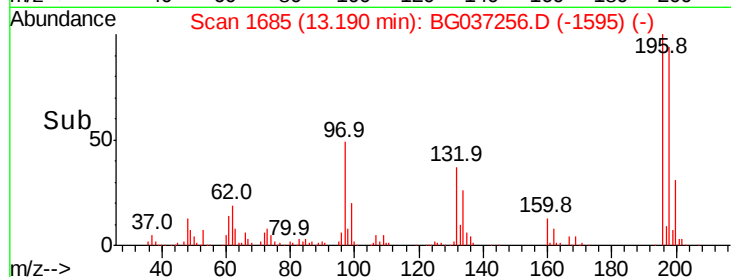
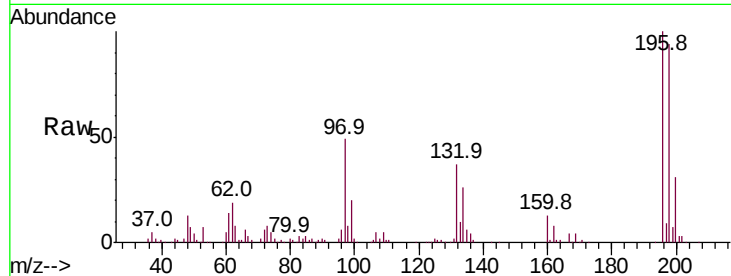
#43
 2,4,6-Trichlorophenol
 Concen: 45.051 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG037256.D
 Acq: 11 Oct 2018 14:06

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG101118

Tot Ion	Ratio	Resp	Lower	Upper
196	100	137385		
198	93.9	76.4	114.6	
200	31.3	24.9	37.3	

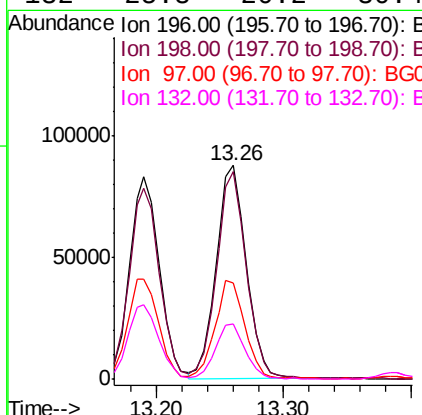
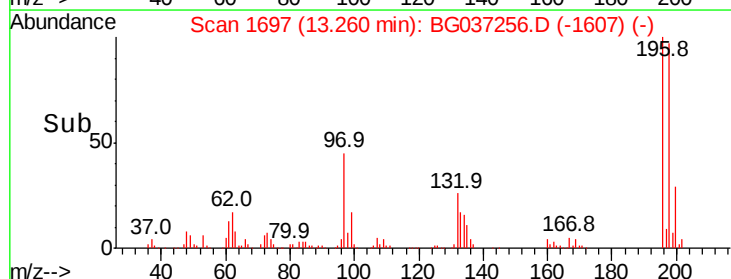
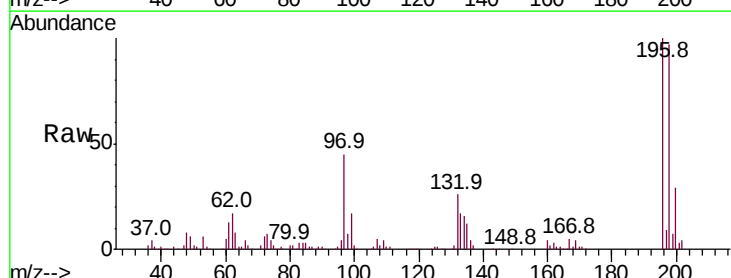
Manual Integrations
 APPROVED

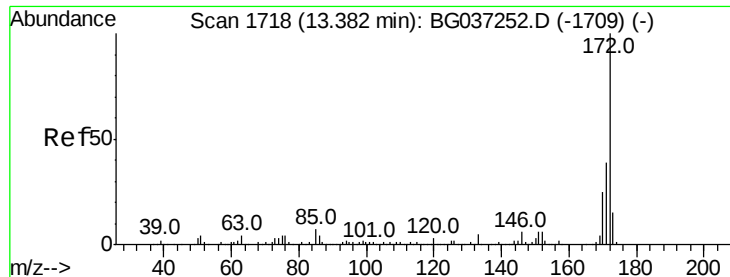
Sohil
 10/12/2018 8:53:11 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.080 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG037256.D
 Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	144632		
198	97.1	74.2	111.2	
97	45.2	34.1	51.1	
132	25.8	20.2	30.4	





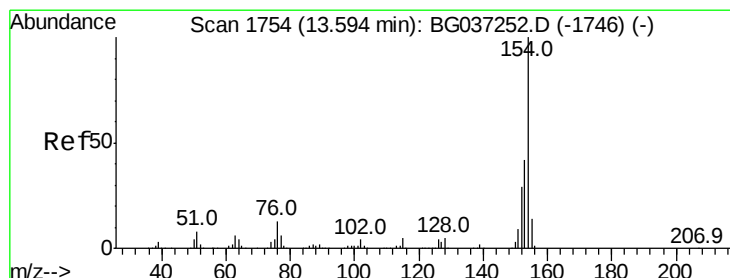
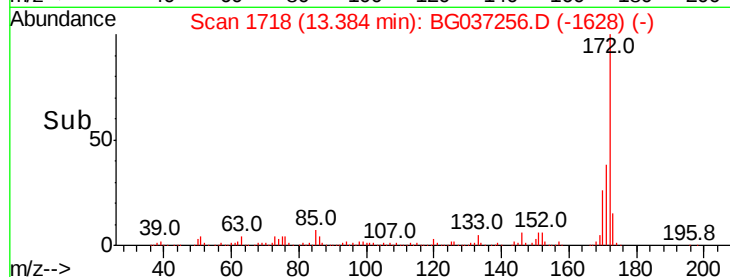
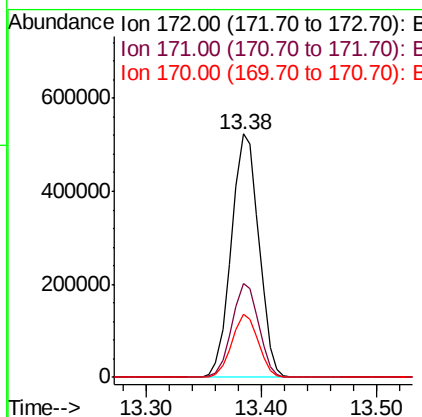
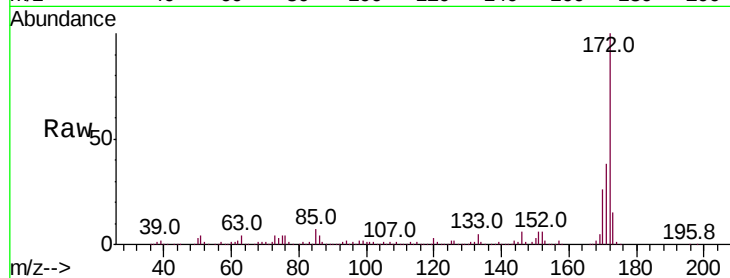
#45
2-Fluorobiphenyl
Concen: 79.580 ng
RT: 13.38 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.9	20.2	30.2

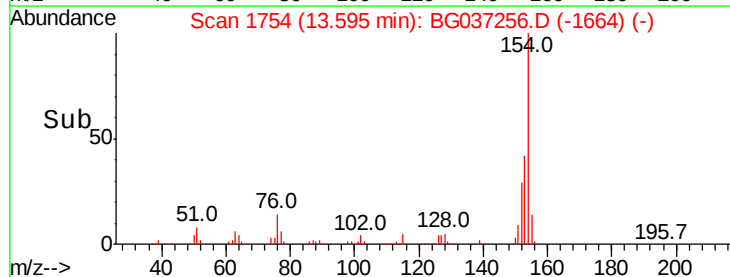
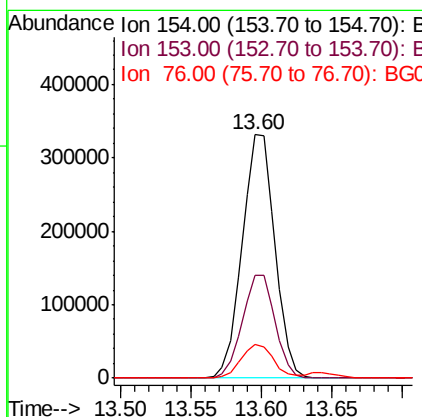
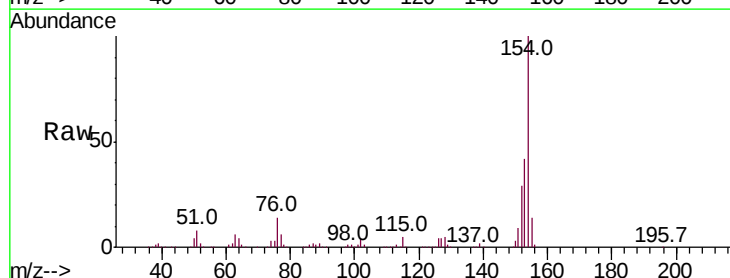
Manual Integrations
APPROVED

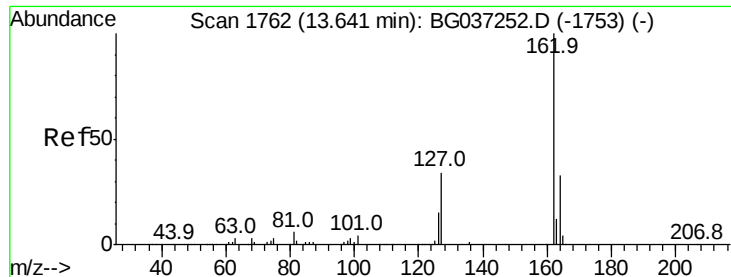
Sohil
10/12/2018 8:53:11 AM



#46
1,1'-Biphenyl
Concen: 40.253 ng
RT: 13.60 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.1	62.1
76	14.0	0.0	33.2





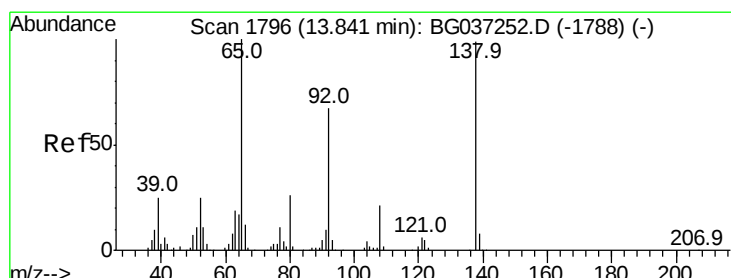
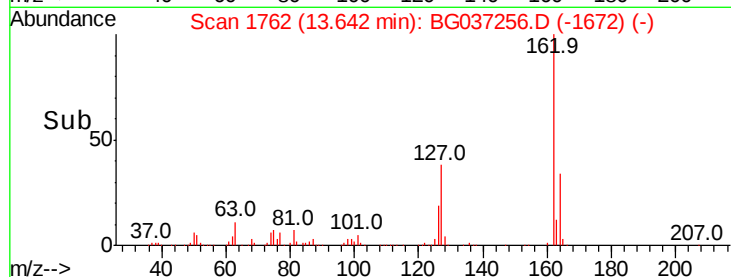
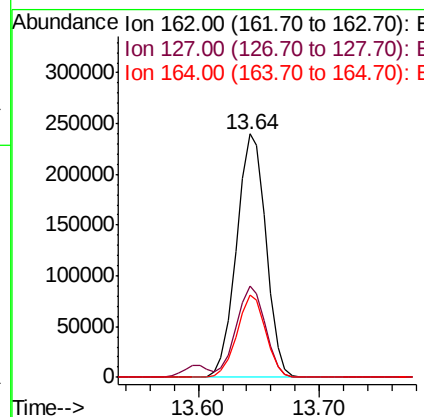
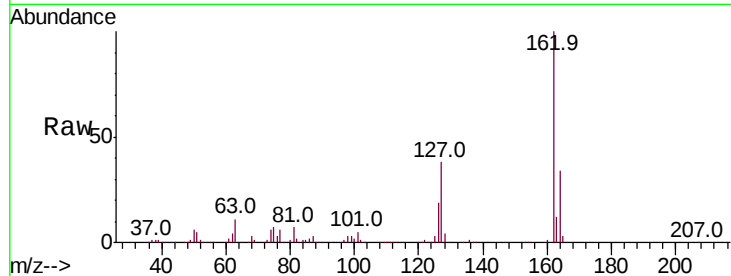
#47
2-Chloronaphthalene
Concen: 40.248 ng
RT: 13.64 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.5	45.7
164	33.6	26.4	39.6

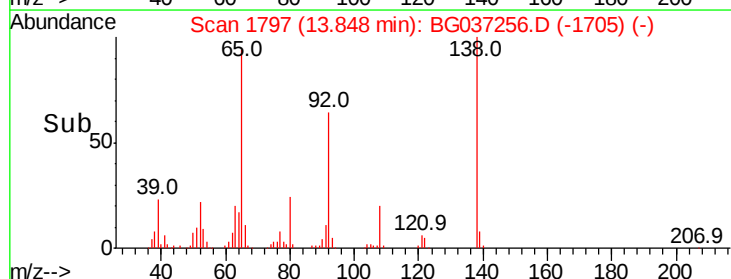
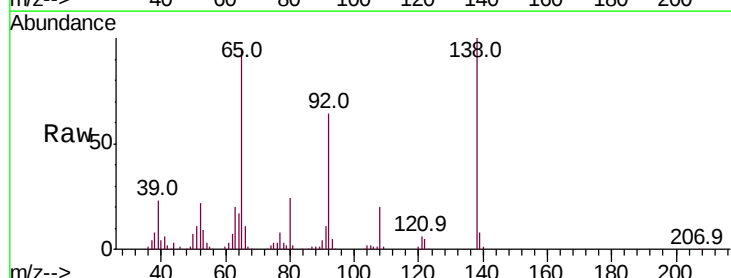
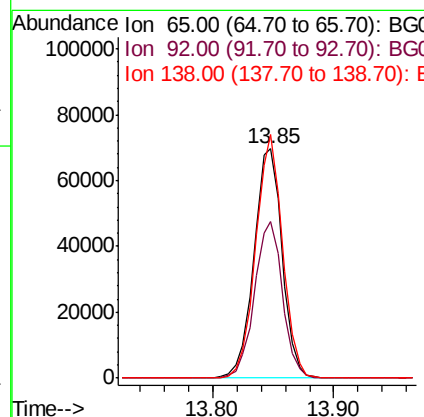
Manual Integrations
APPROVED

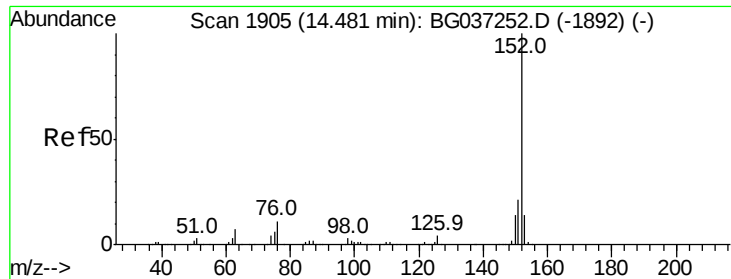
Sohil
10/12/2018 8:53:11 AM



#48
2-Nitroaniline
Concen: 42.221 ng
RT: 13.85 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	53.2	79.8
138	106.2	79.3	118.9





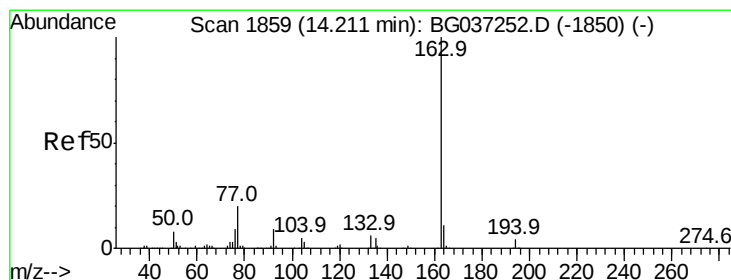
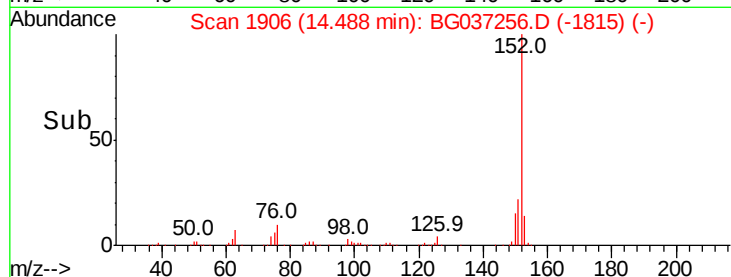
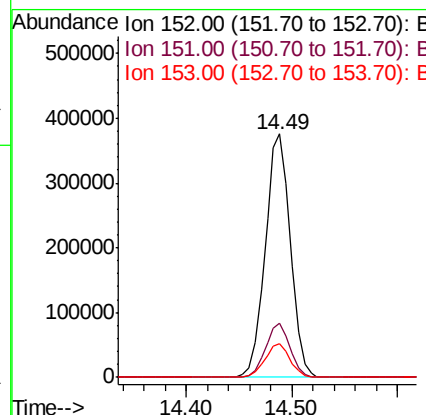
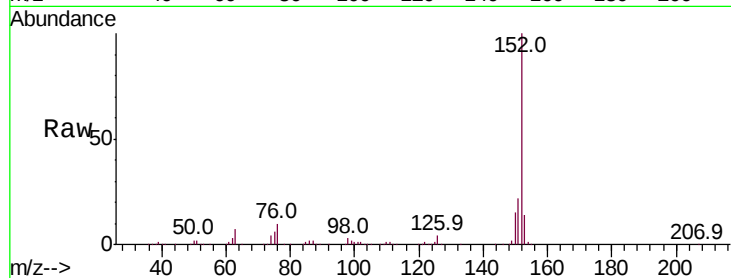
#49
Acenaphthylene
Concen: 40.108 ng
RT: 14.49 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.1	25.7
153	14.1	11.1	16.7

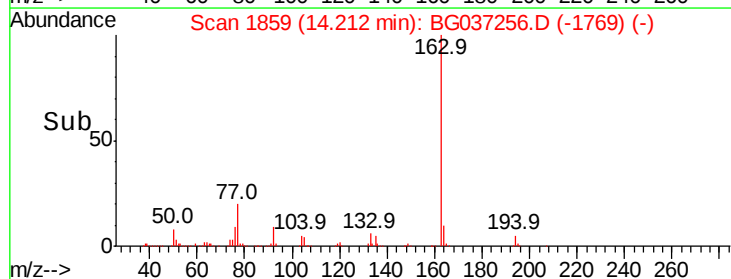
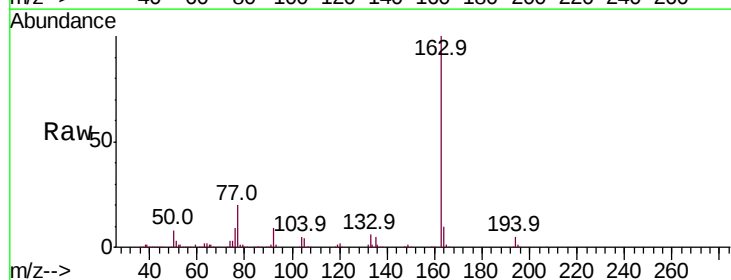
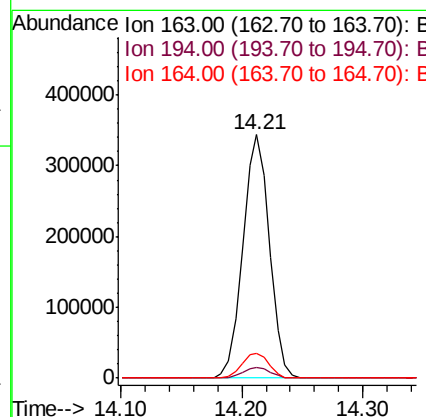
Manual Integrations
APPROVED

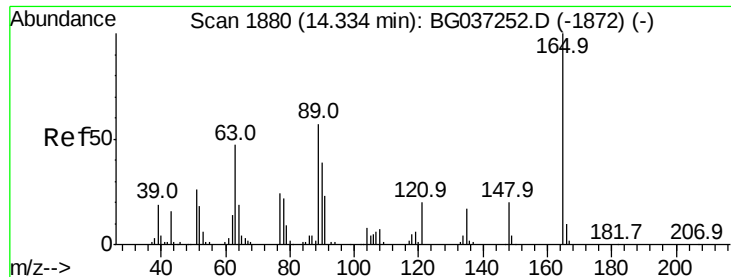
Sohil
10/12/2018 8:53:11 AM



#50
Dimethylphthalate
Concen: 41.131 ng
RT: 14.21 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.3	8.5	12.7





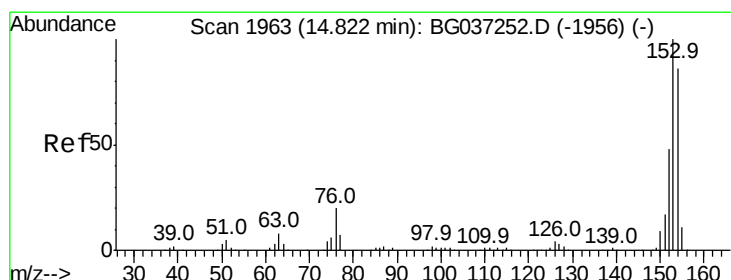
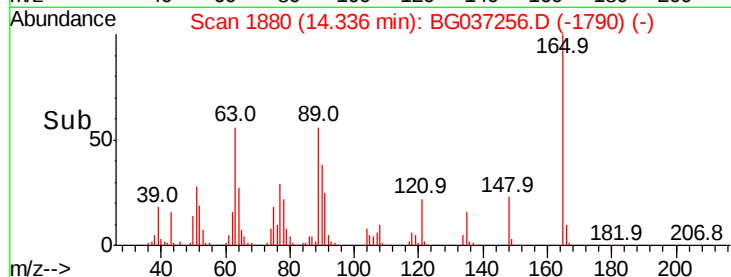
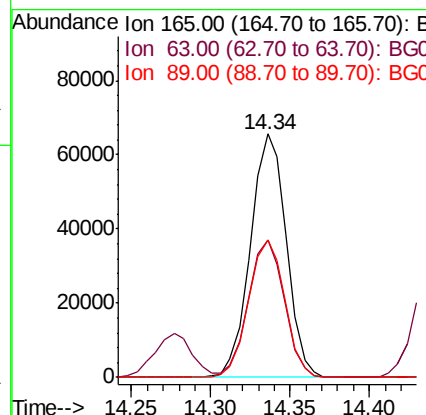
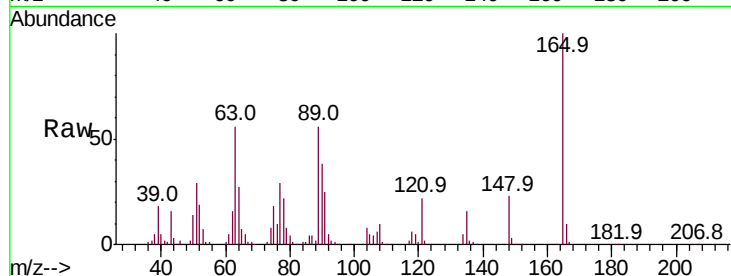
#51
2,6-Dinitrotoluene
Concen: 42.206 ng
RT: 14.34 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Resp	Lower	Upper
165	100	102984		
63	56.5	43.4	65.2	
89	56.4	45.8	68.6	

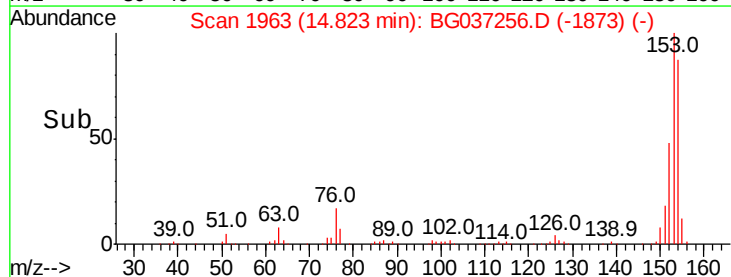
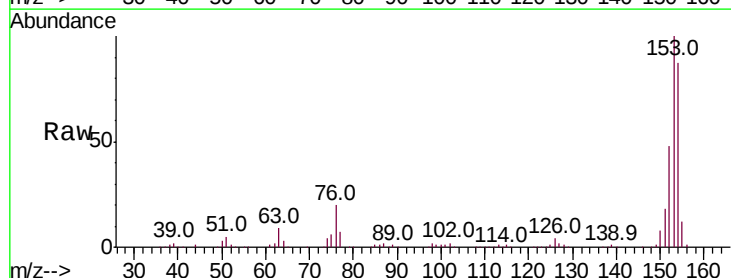
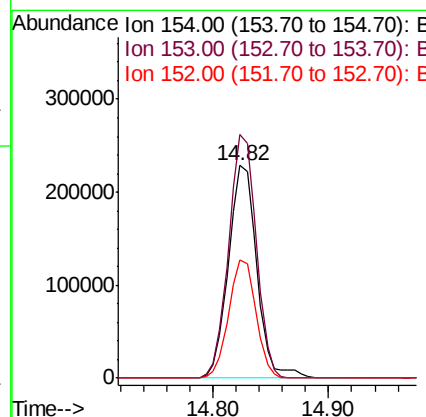
Manual Integrations
APPROVED

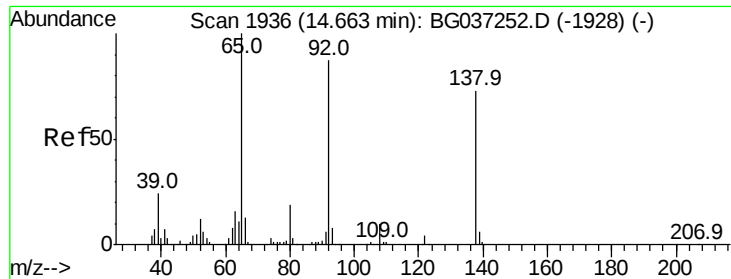
Sohil
10/12/2018 8:53:11 AM



#52
Acenaphthene
Concen: 41.127 ng
RT: 14.82 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	391967		
153	114.5	93.4	140.0	
152	55.3	44.7	67.1	





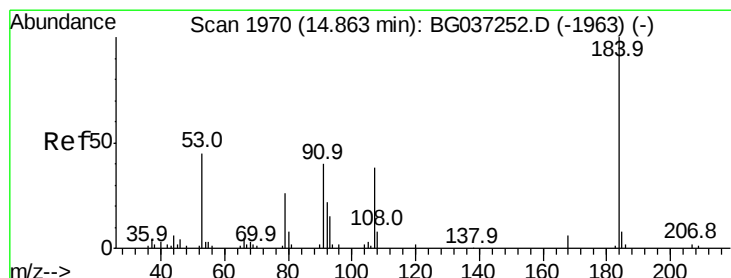
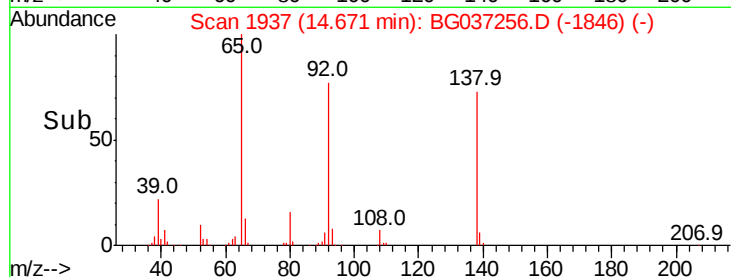
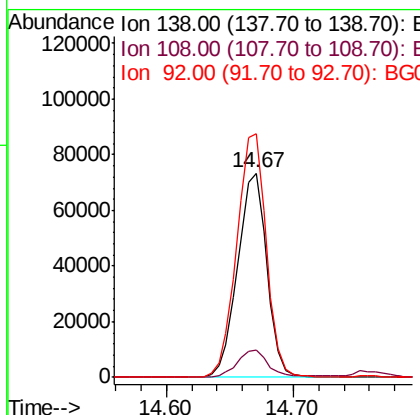
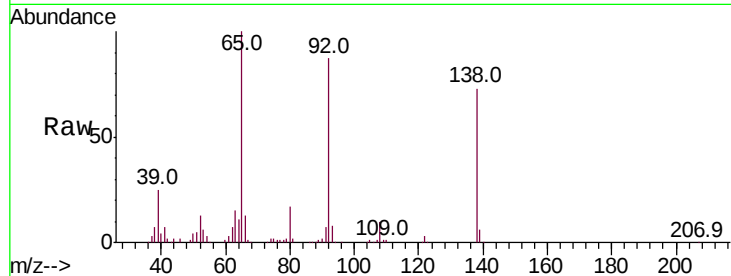
#53
3-Nitroaniline
Concen: 43.786 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.1	11.0	16.6
92	119.1	95.2	142.8

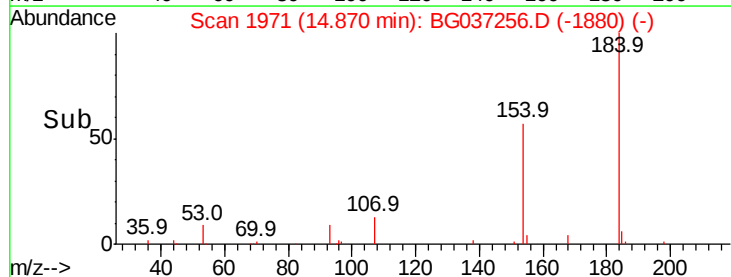
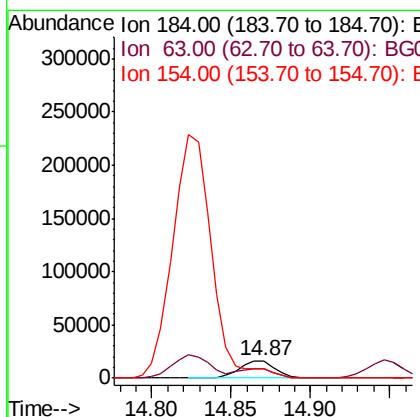
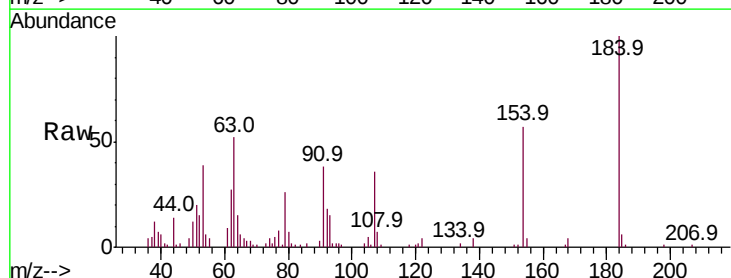
Manual Integrations
APPROVED

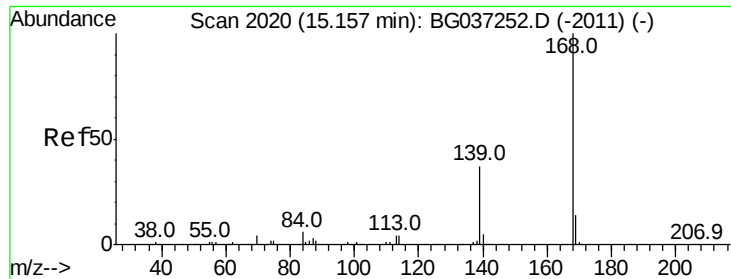
Sohil
10/12/2018 8:53:11 AM



#54
2,4-Dinitrophenol
Concen: 40.177 ng
RT: 14.87 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.8	42.6	63.8
154	56.7	41.8	62.6





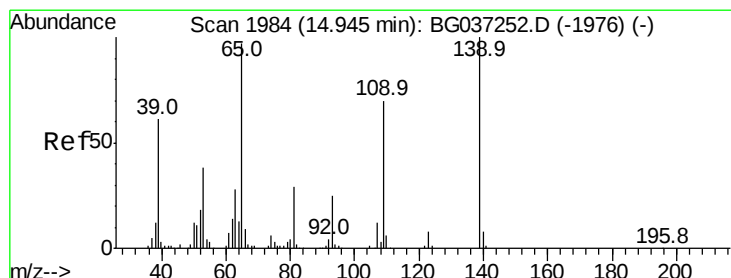
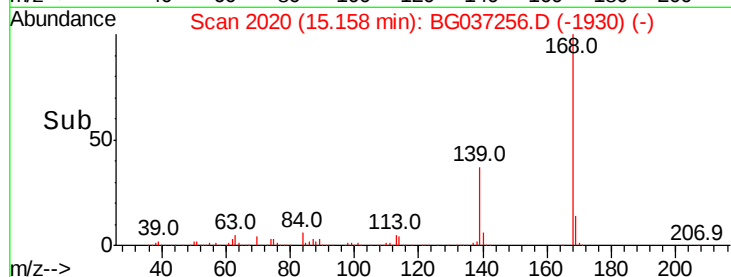
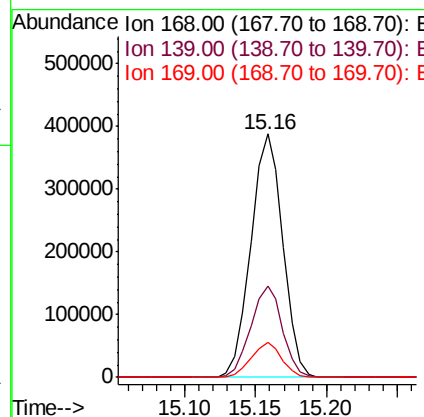
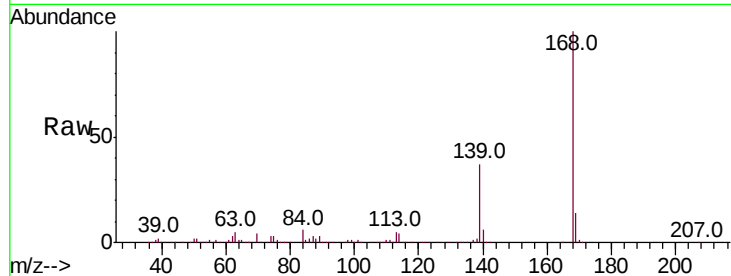
#55
Dibenzenofuran
Concen: 39.821 ng
RT: 15.16 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.4	44.0
169	14.4	11.0	16.6

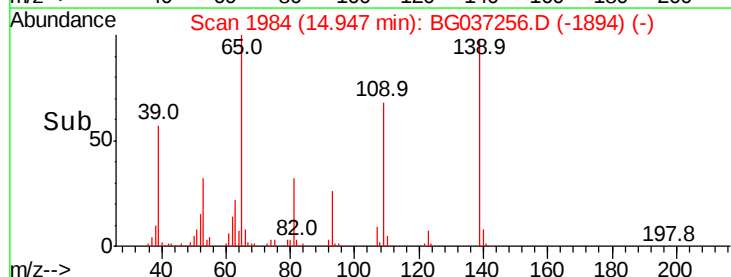
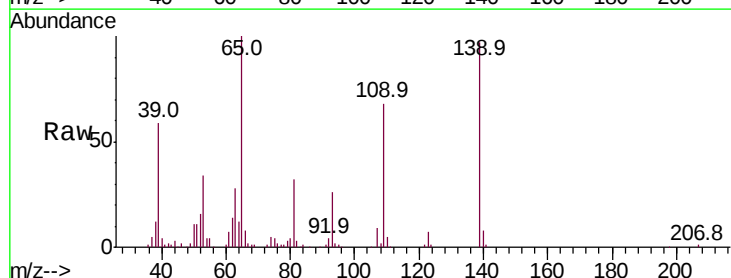
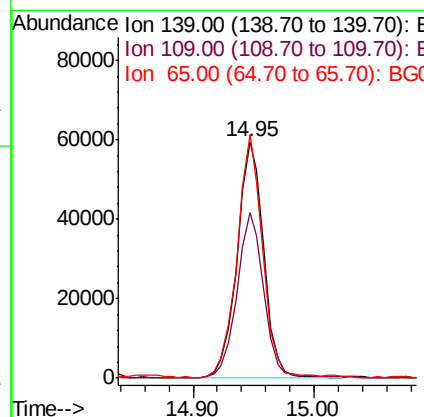
Manual Integrations
APPROVED

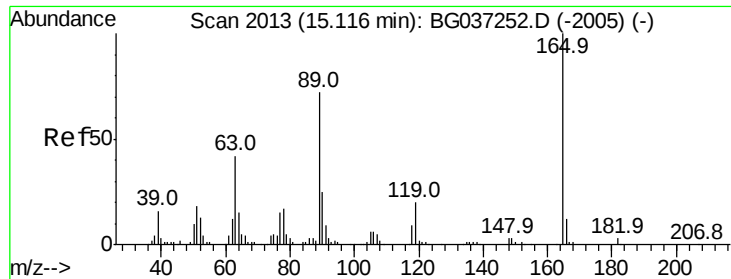
Sohil
10/12/2018 8:53:11 AM



#56
4-Nitrophenol
Concen: 43.785 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.9	49.5	89.5
65	103.0	76.8	116.8





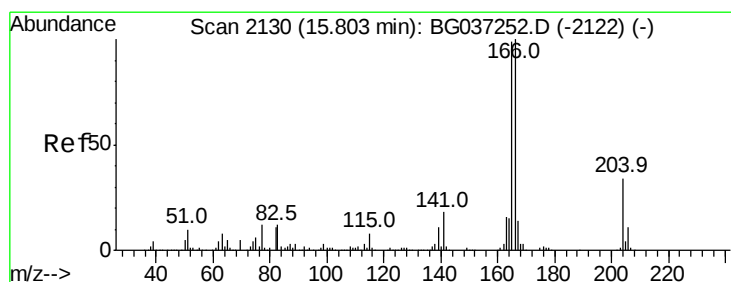
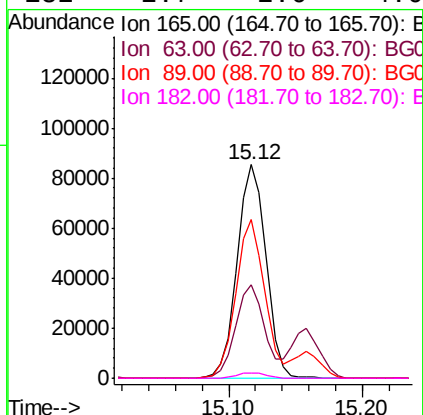
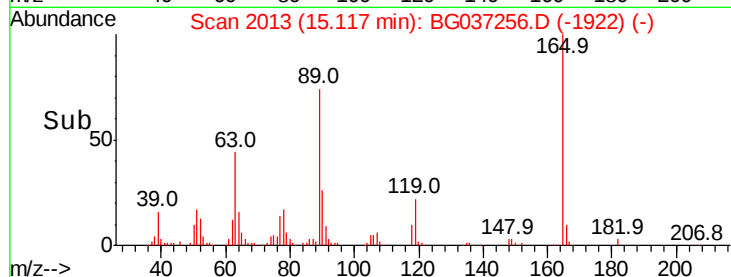
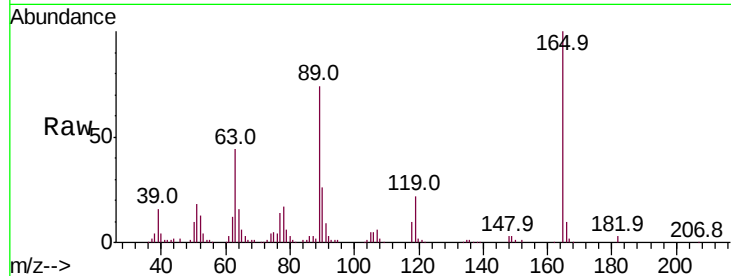
#57
2,4-Dinitrotoluene
Concen: 41.563 ng
RT: 15.12 min Scan# 213
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	33.4	50.0
89	74.0	57.2	85.8
182	2.7	2.6	4.0

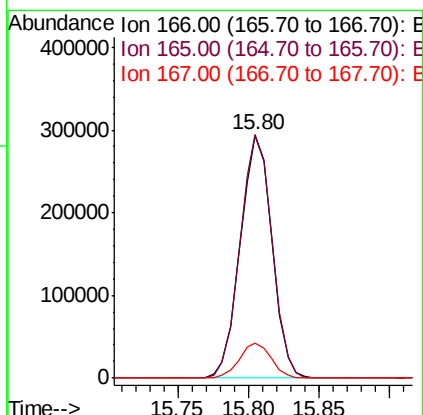
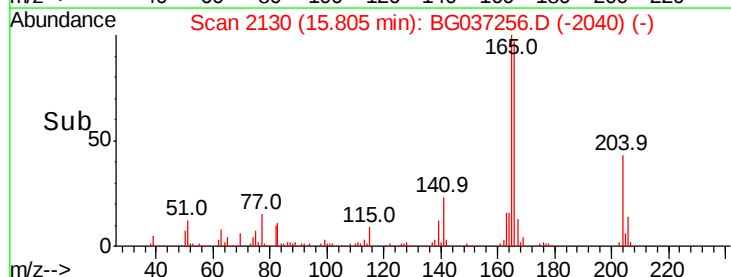
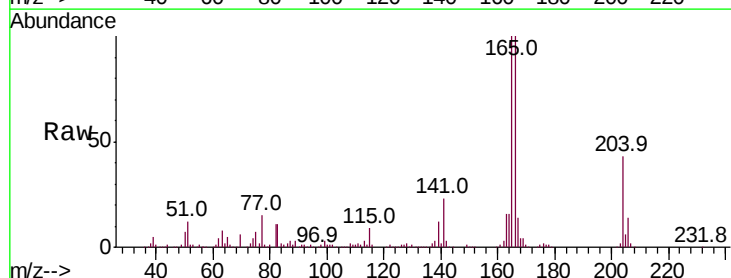
Manual Integrations
APPROVED

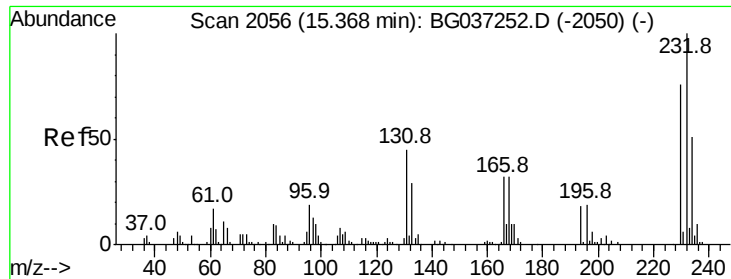
Sohil
10/12/2018 8:53:11 AM



#58
Fluorene
Concen: 39.386 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.0	118.6
167	14.4	11.3	16.9





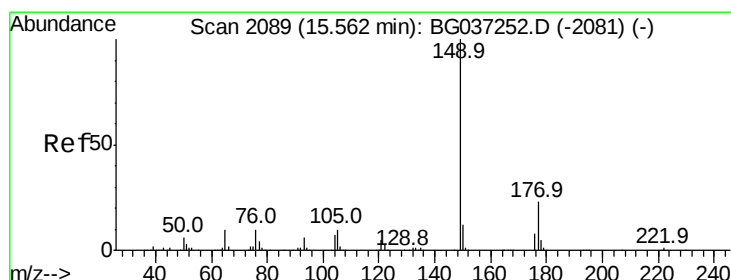
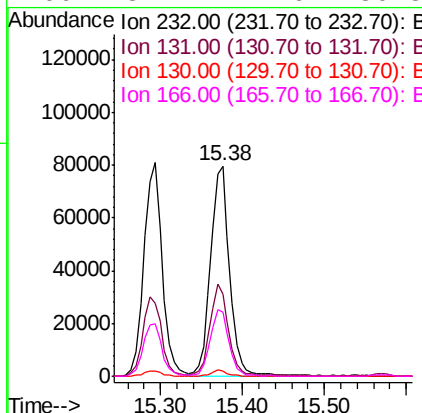
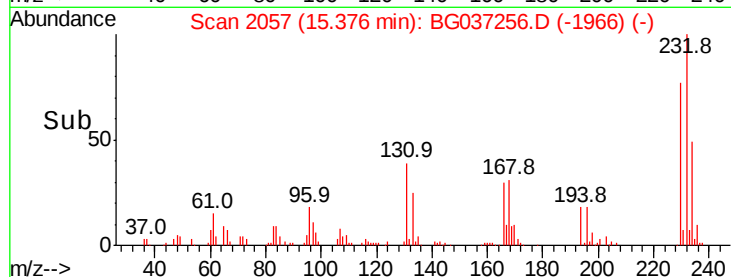
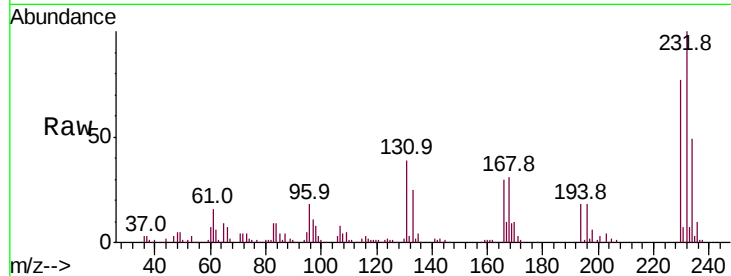
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.810 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BG037256.D
 Acq: 11 Oct 2018 14:06

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG101118

Tot Ion	Ratio	Resp	Lower	Upper
232	100	130170		
131	41.6		33.7	50.5
130	2.3		2.1	3.1
166	31.1		24.6	36.8

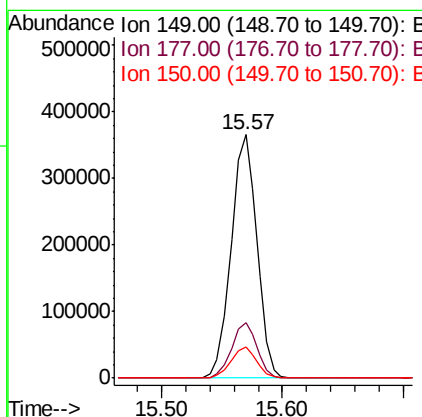
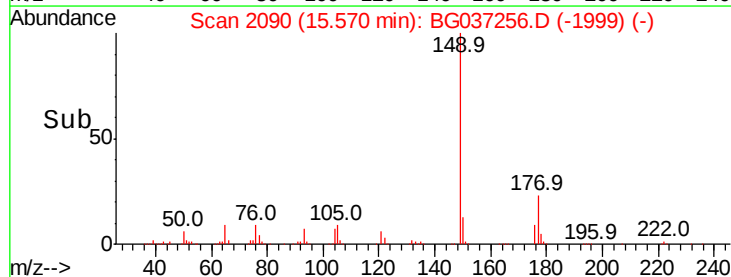
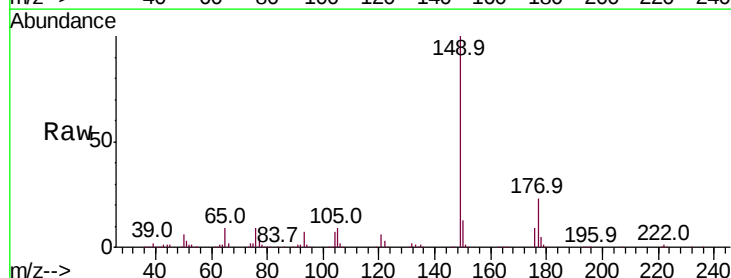
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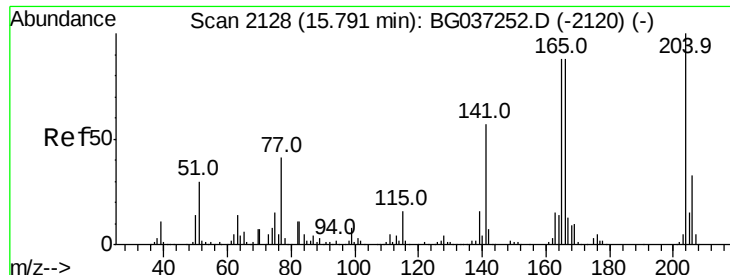
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#60
 Diethylphthalate
 Concen: 41.007 ng
 RT: 15.57 min Scan# 2090
 Delta R.T. 0.01 min
 Lab File: BG037256.D
 Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	542131		
177	22.5		18.3	27.5
150	13.0		10.0	15.0





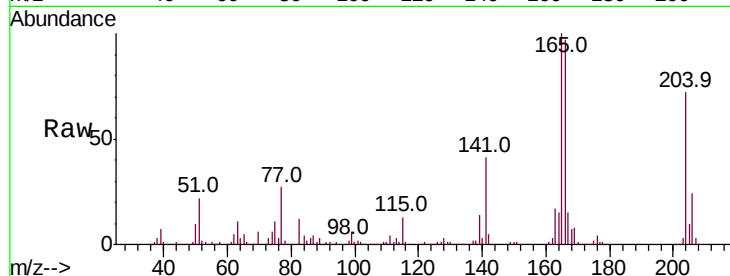
#61
4-Chlorophenyl-phenylether
Concen: 39.672 ng
RT: 15.80 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	56.9	45.4	68.2

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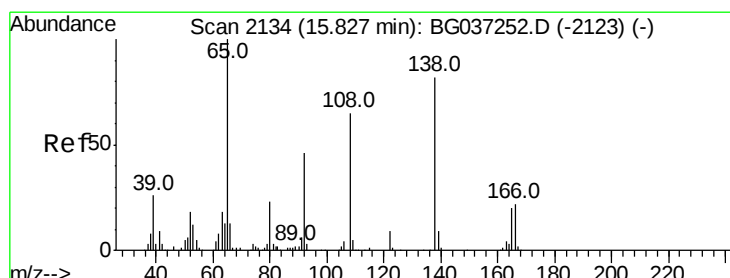
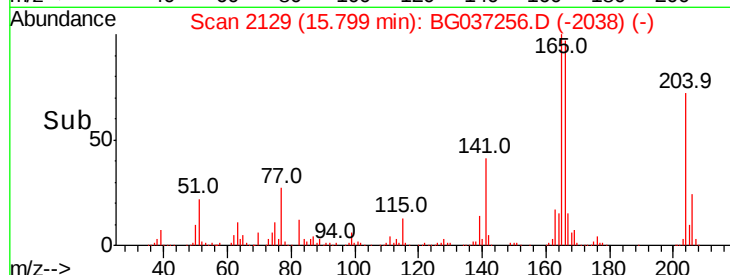
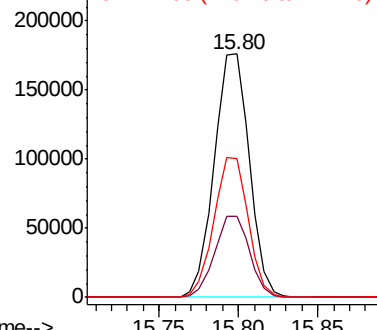


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.907 ng
RT: 15.83 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

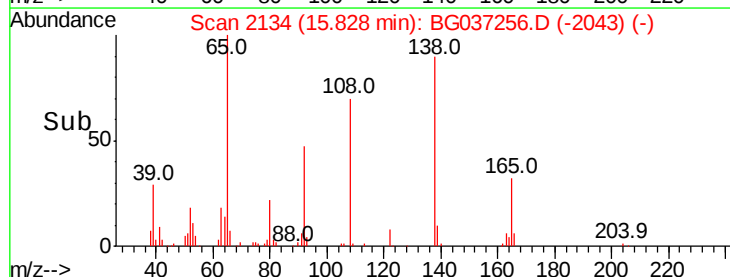
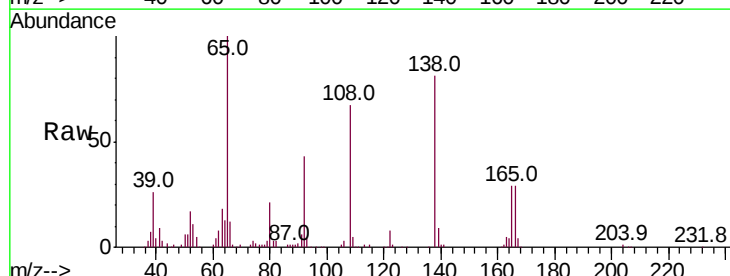
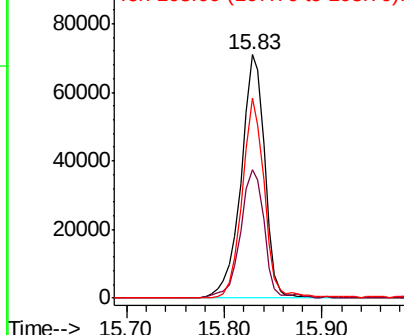
Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	36.4	76.4
108	82.2	60.1	100.1

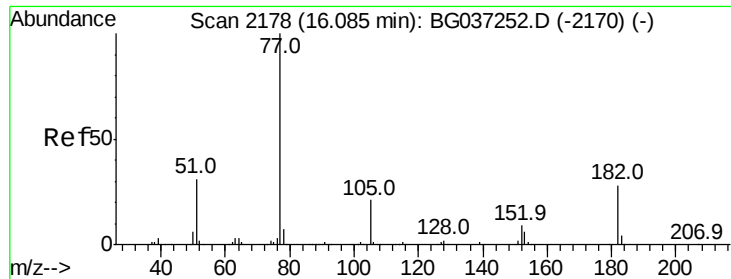
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





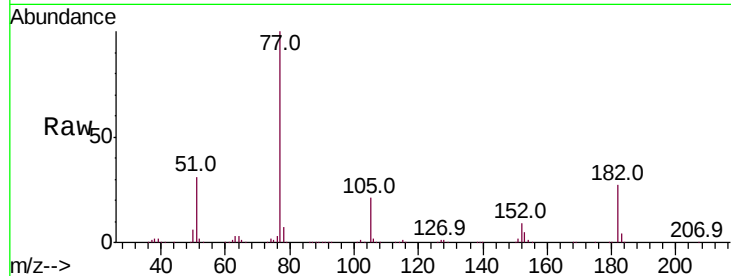
#63
Azobenzene
Concen: 39.484 ng
RT: 16.09 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

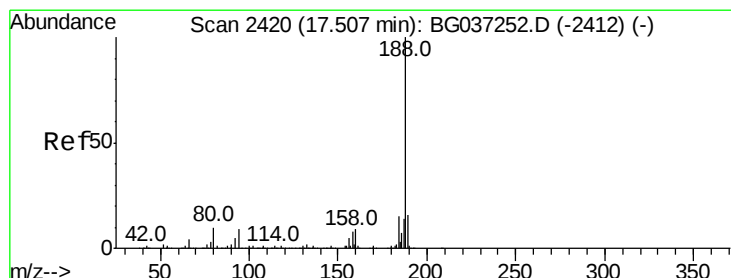
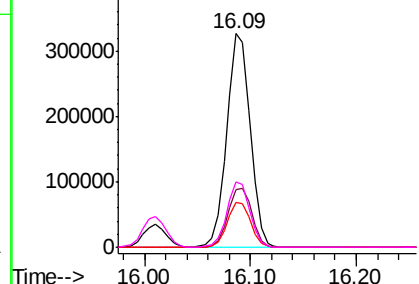
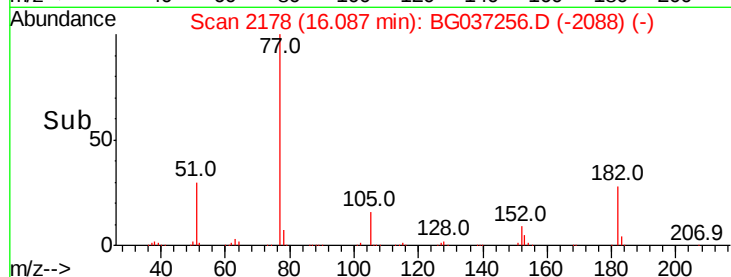
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	8.0	48.0
105	21.3	1.3	41.3
51	30.6	10.7	50.7

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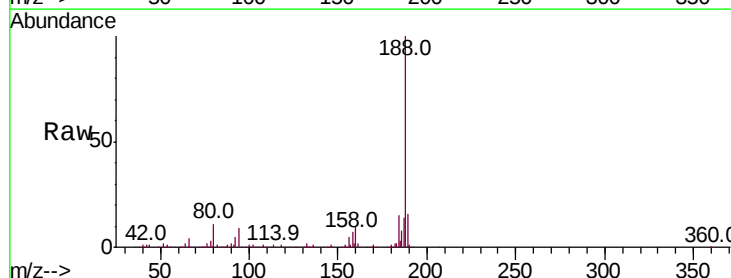


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

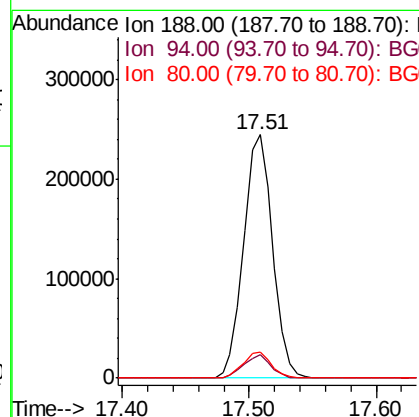
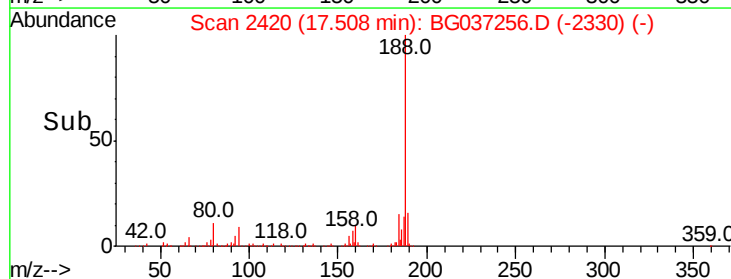


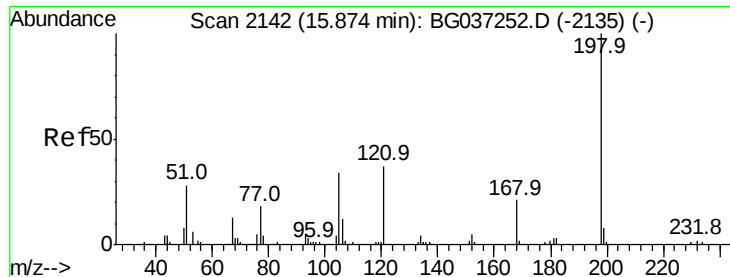
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.6	7.7	11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 39.766 ng

RT: 15.88 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

ClientSampleId :

ICVBG101118

Tot Ion:198 Resp: 46632

Ion Ratio Lower Upper

198 100

51 44.4 22.7 62.7

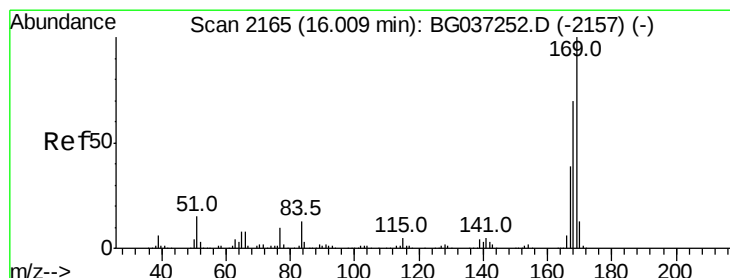
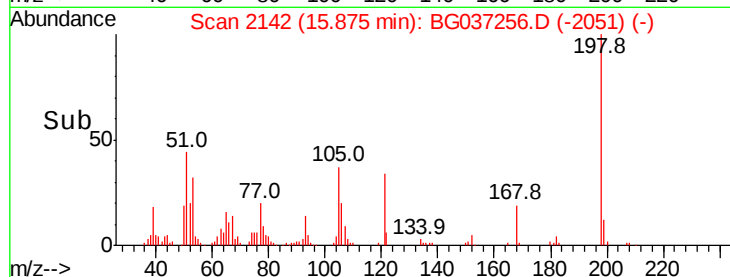
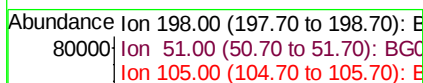
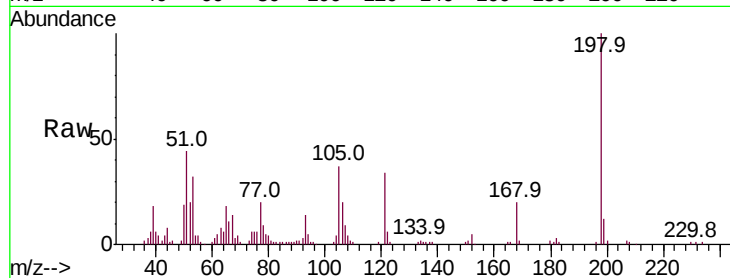
105 36.8 19.7 59.7

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#66

n-Nitrosodiphenylamine

Concen: 40.676 ng

RT: 16.01 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

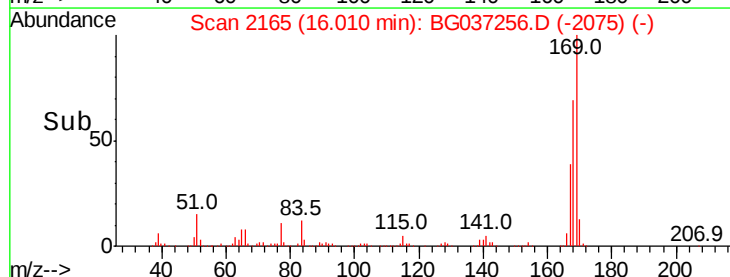
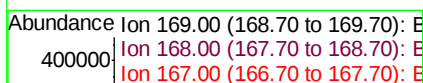
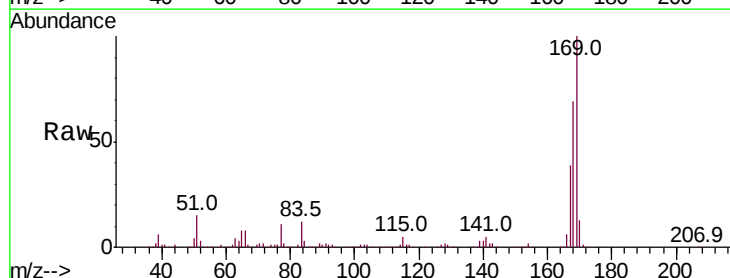
Tgt Ion:169 Resp: 461028

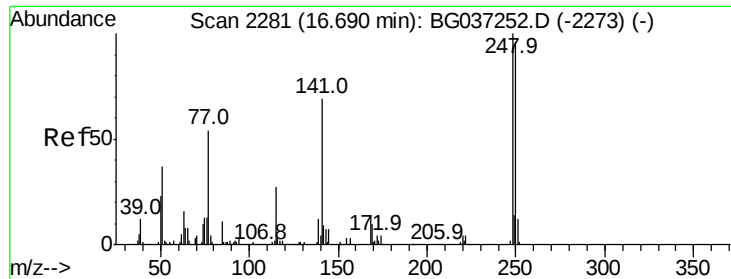
Ion Ratio Lower Upper

169 100

168 69.4 55.7 83.5

167 38.8 31.3 46.9





#67

4-Bromophenyl-phenylether

Concen: 40.456 ng

RT: 16.69 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

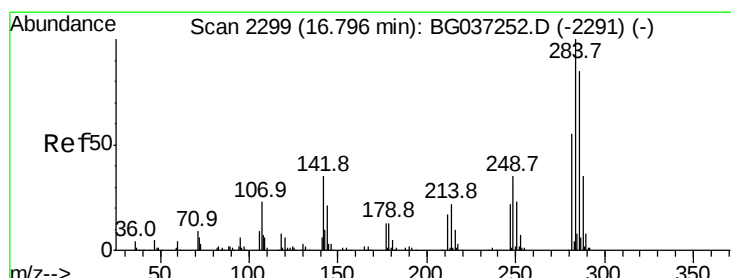
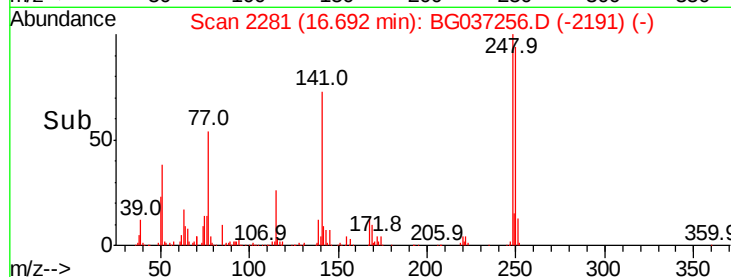
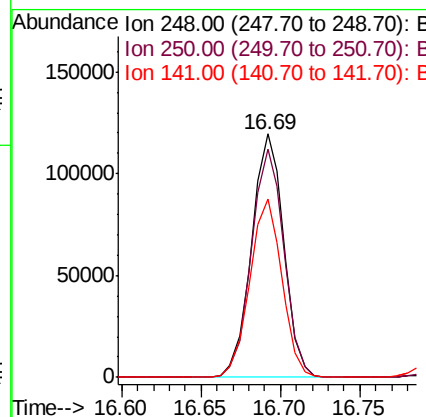
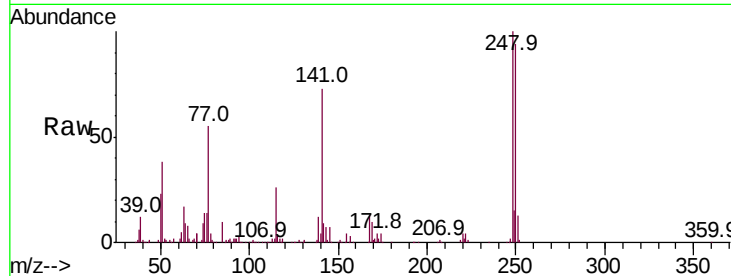
ClientSampleId :

ICVBG101118

Tot Ion:	248	Resp:	168513
Ion Ratio	Lower	Upper	
248	100		
250	94.0	77.0	115.6
141	73.2	55.5	83.3

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#68

Hexachlorobenzene

Concen: 40.611 ng

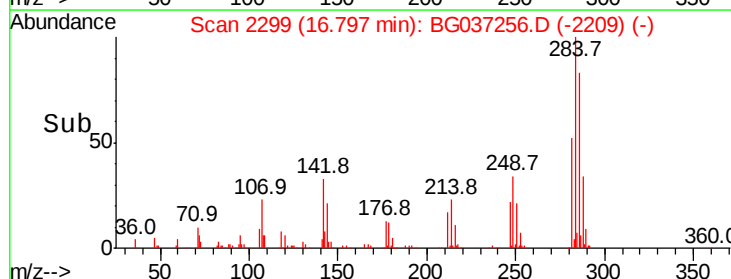
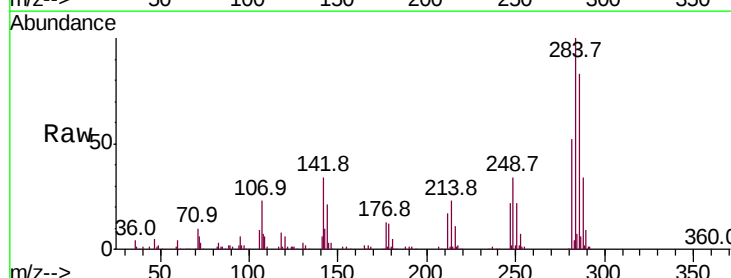
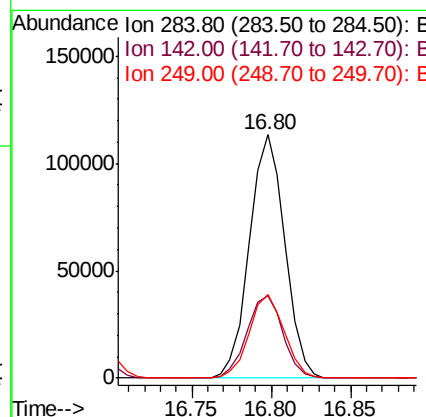
RT: 16.80 min Scan# 2299

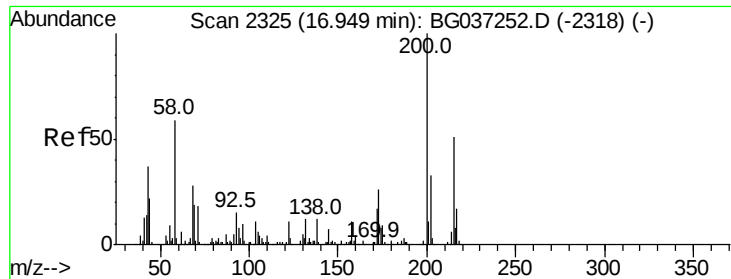
Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tgt Ion:	284	Resp:	175384
Ion Ratio	Lower	Upper	
284	100		
142	33.6	28.1	42.1
249	36.4	29.8	44.8





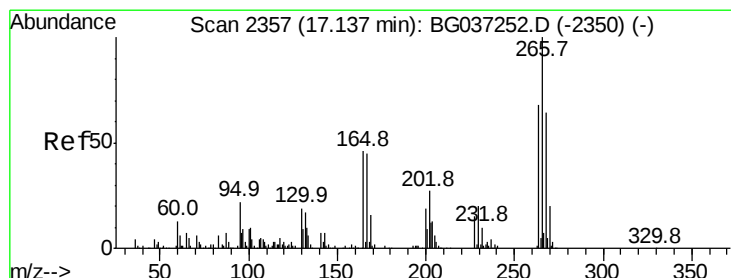
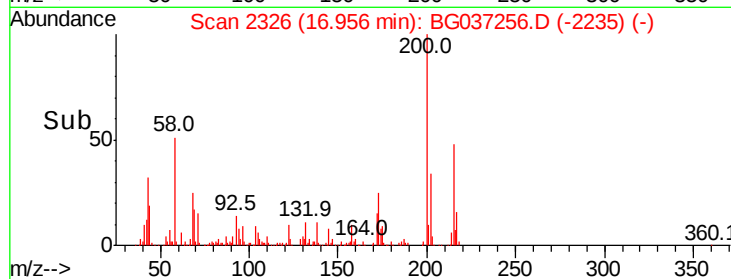
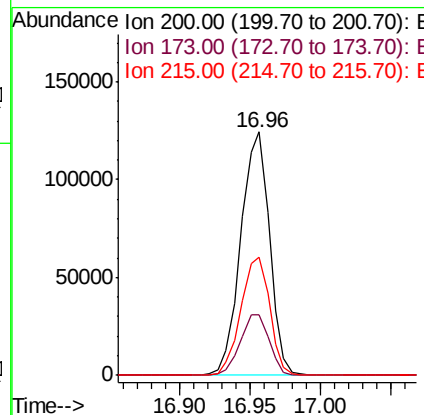
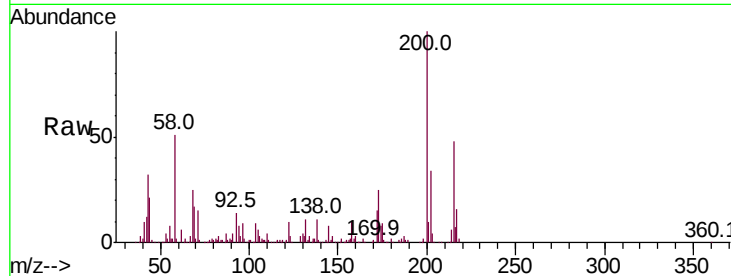
#69
Atrazine
Concen: 41.972 ng
RT: 16.96 min Scan# 2326
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.1	6.1	46.1
215	48.4	30.8	70.8

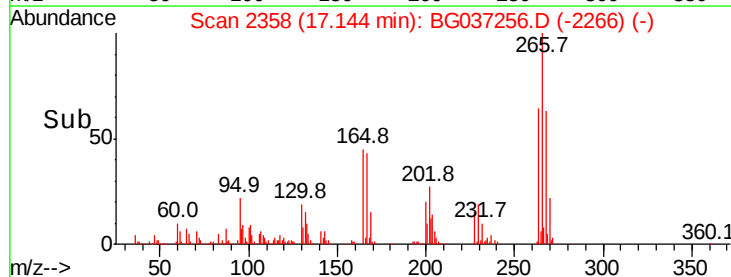
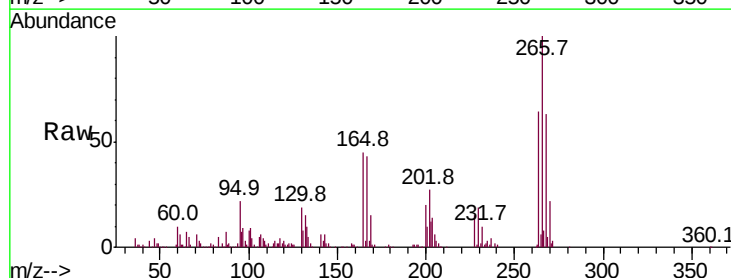
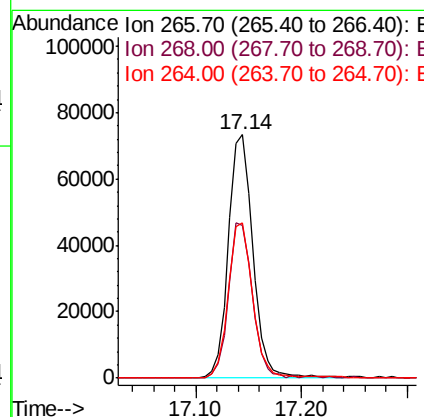
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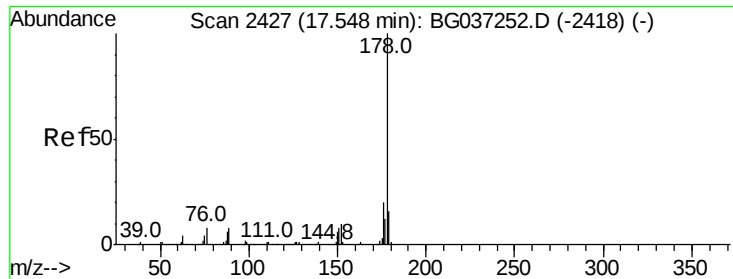
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#70
Pentachlorophenol
Concen: 42.611 ng
RT: 17.14 min Scan# 2358
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.5	55.0	82.6
264	69.9	58.9	88.3





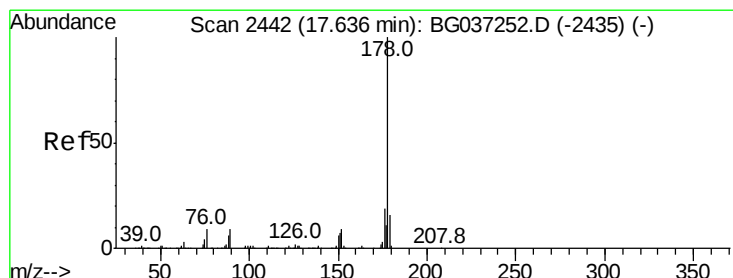
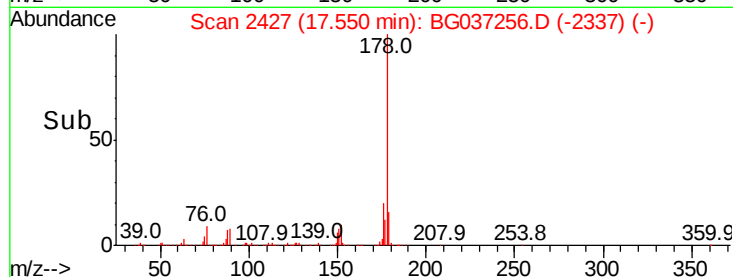
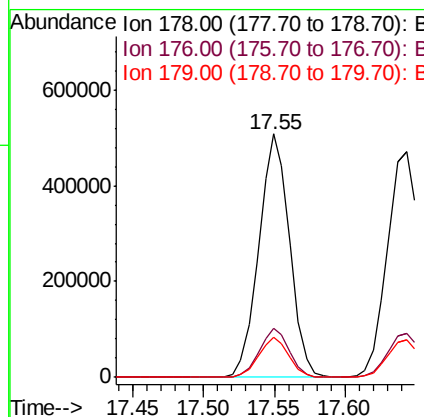
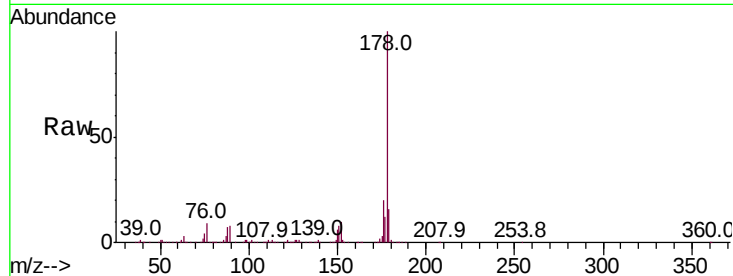
#71
Phenanthrene
Concen: 39.524 ng
RT: 17.55 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	16.4	13.0	19.4

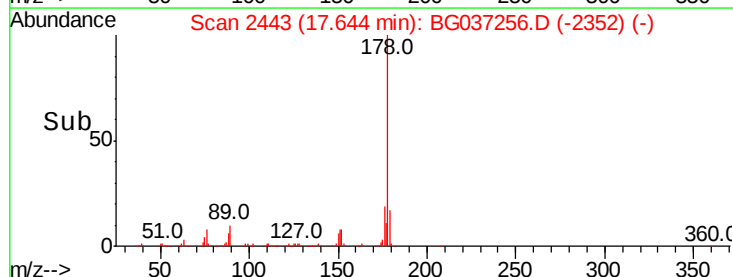
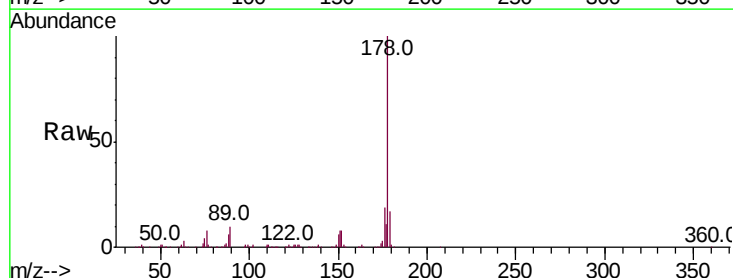
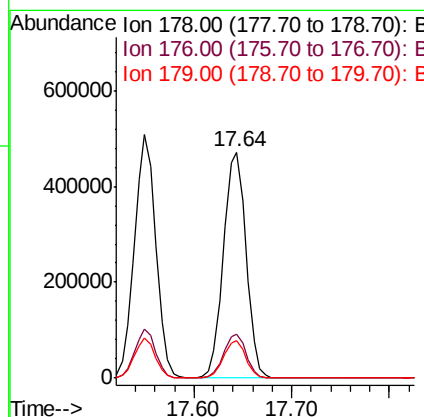
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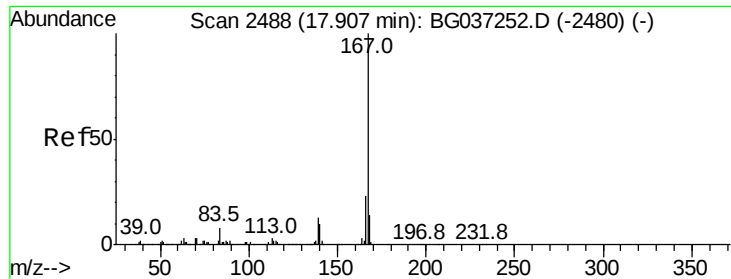
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#72
Anthracene
Concen: 39.456 ng
RT: 17.64 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	16.8	12.8	19.2





#73

Carbazole

Concen: 39.740 ng

RT: 17.91 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

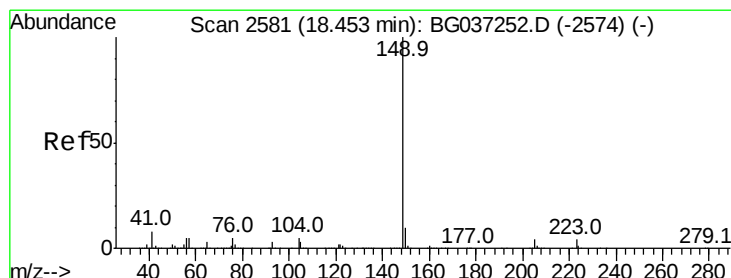
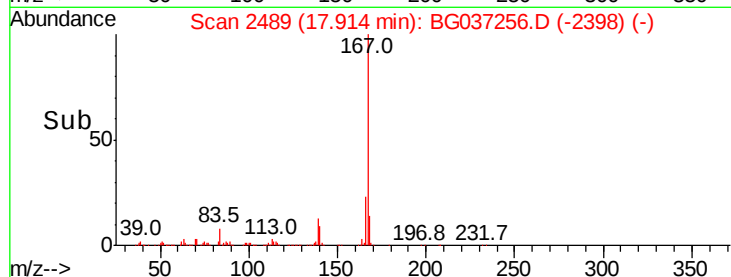
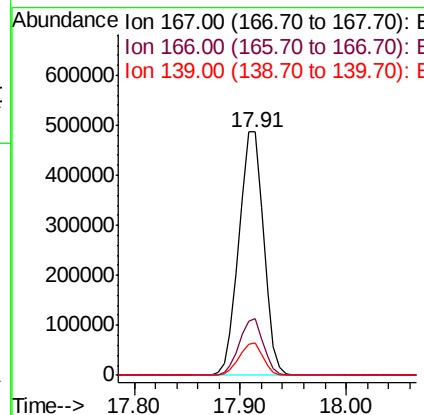
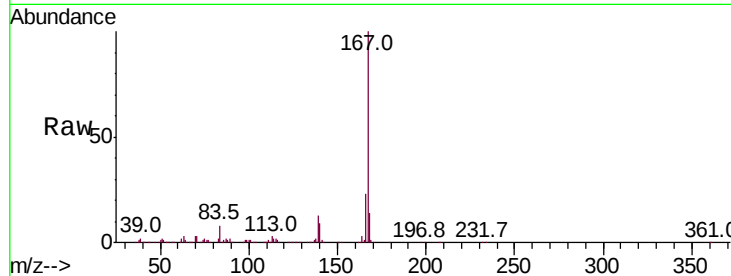
ClientSampleId :

ICVBG101118

Tot Ion:	167	Resp:	787367
Ion Ratio	Lower	Upper	
167	100		
166	23.3	18.3	27.5
139	13.1	10.5	15.7

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 41.854 ng

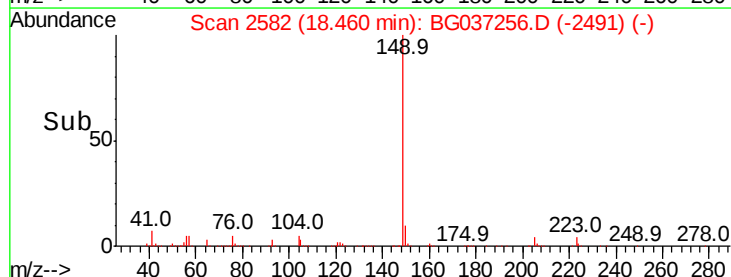
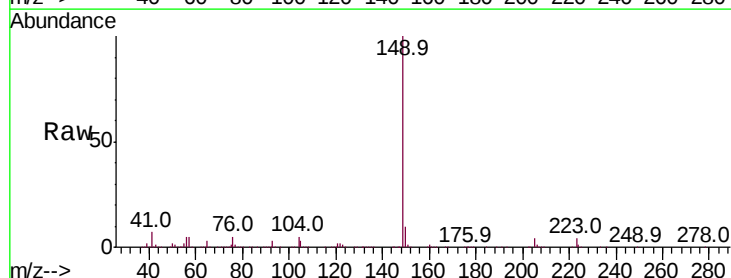
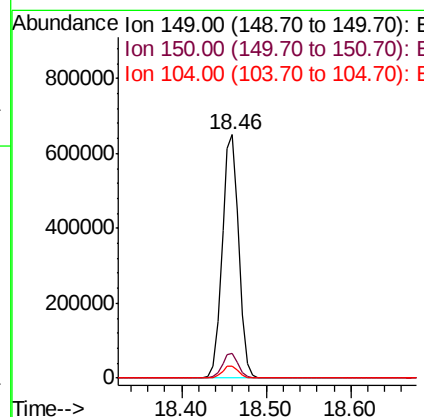
RT: 18.46 min Scan# 2582

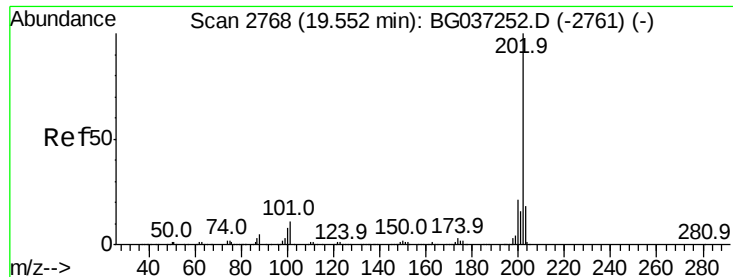
Delta R.T. 0.01 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tgt Ion:	149	Resp:	888802
Ion Ratio	Lower	Upper	
149	100		
150	10.2	8.2	12.2
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 39.166 ng

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

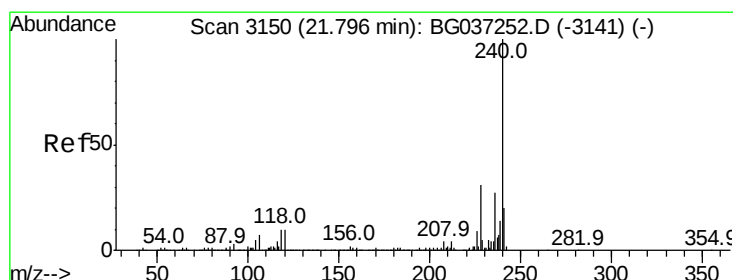
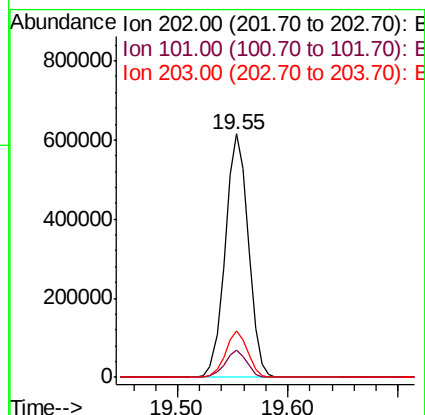
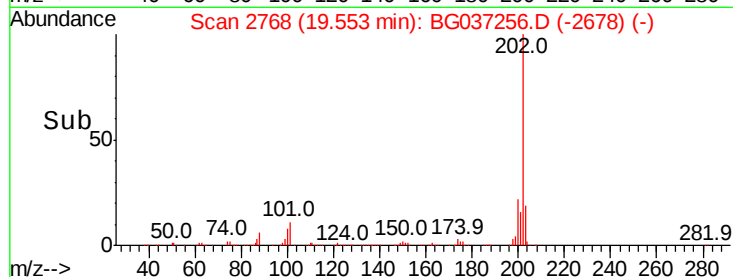
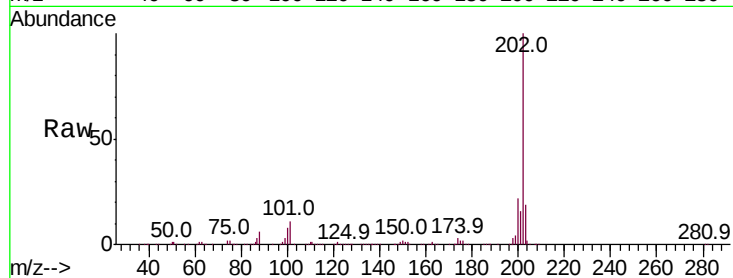
ClientSampleId :

ICVBG101118

Tot Ion	Ratio	Resp	Lower	Upper
202	100	899323		
101	11.0	0.0	30.7	
203	19.0	0.0	38.5	

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#76

Chrysene-d12

Concen: 20.000 ng

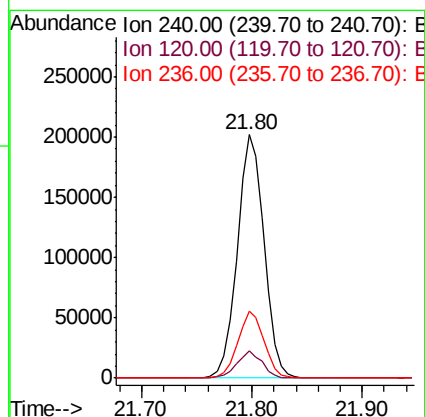
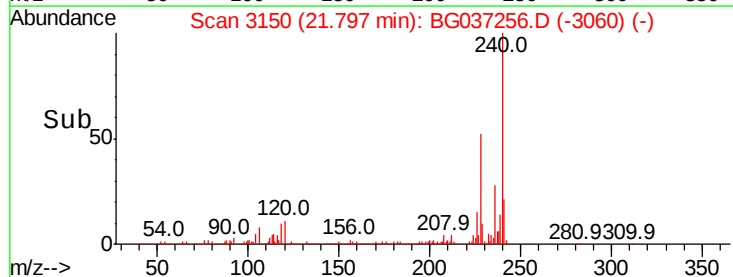
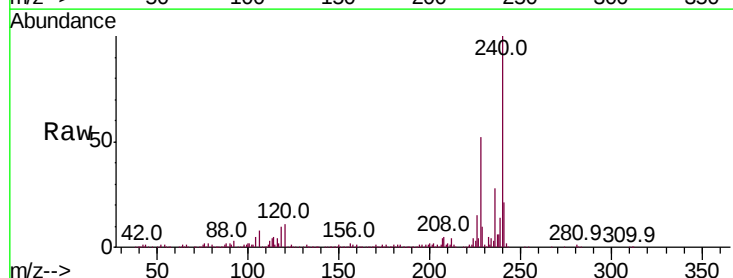
RT: 21.80 min Scan# 3150

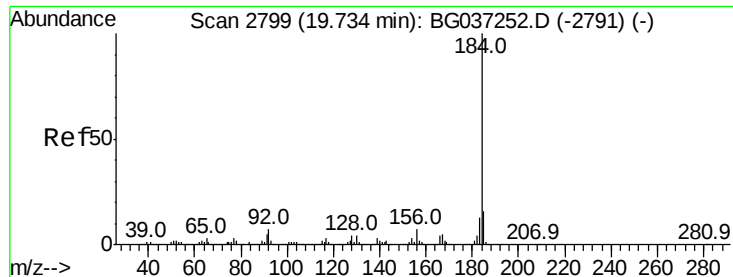
Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	342867		
120	11.1	8.1	12.1	
236	27.5	21.4	32.0	





#77

Benzidine

Concen: 40.985 ng

RT: 19.74 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

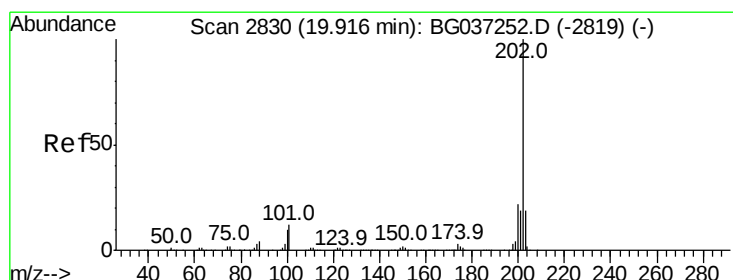
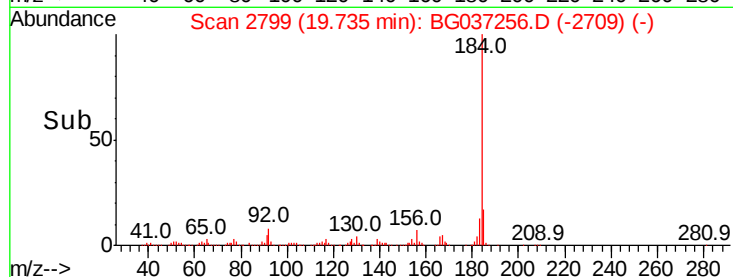
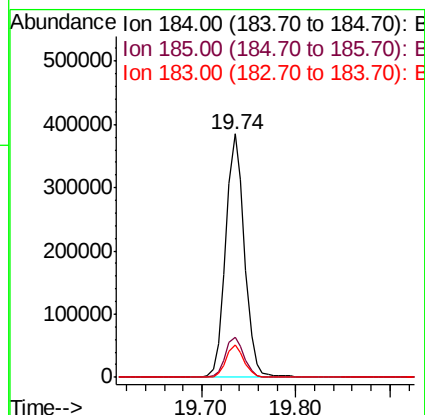
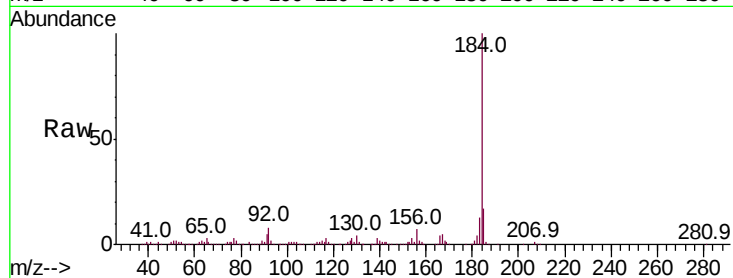
ClientSampleId :

ICVBG101118

Tot Ion:	184	Resp:	537581
Ion Ratio	Lower	Upper	
184	100		
185	16.6	12.6	18.8
183	13.3	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 40.830 ng

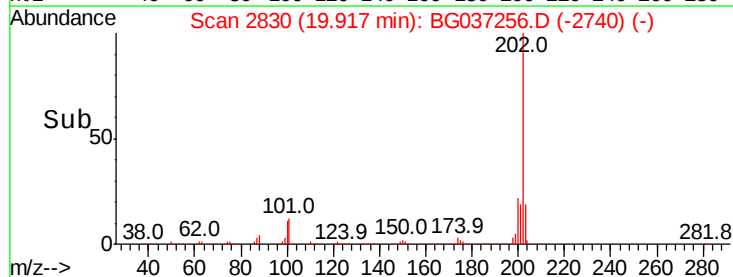
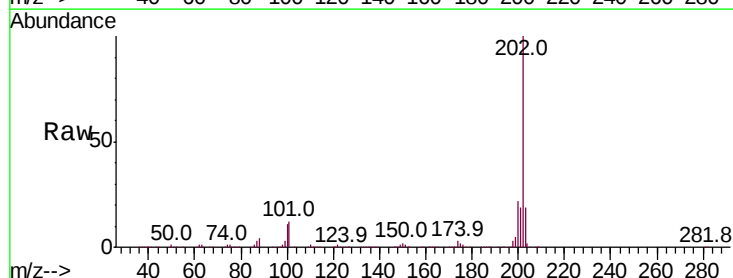
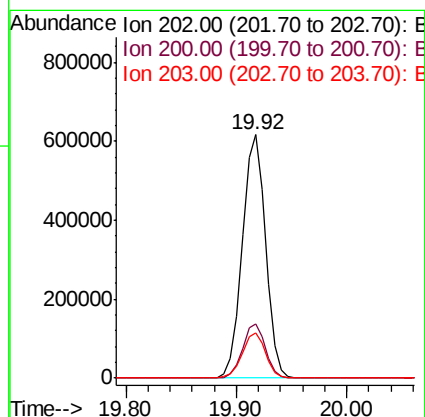
RT: 19.92 min Scan# 2830

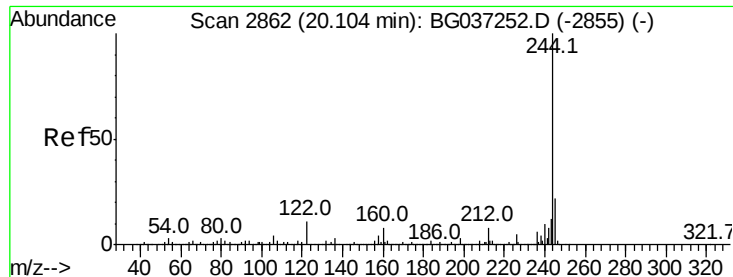
Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tgt Ion:	202	Resp:	912397
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.8	26.6
203	18.6	15.2	22.8





#79

Terphenyl-d14

Concen: 79.880 ng

RT: 20.11 min Scan# 2863

Delta R.T. 0.01 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

ClientSampleId :

ICVBG101118

Tot Ion:244 Resp: 1304352

Ion Ratio Lower Upper

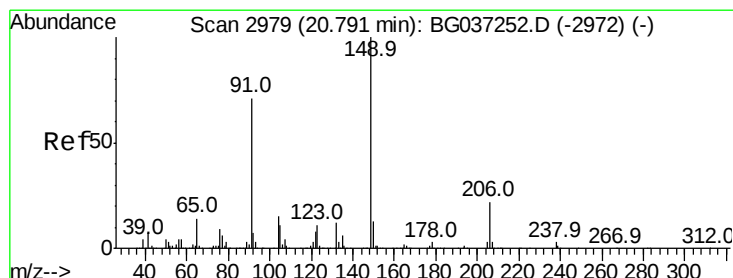
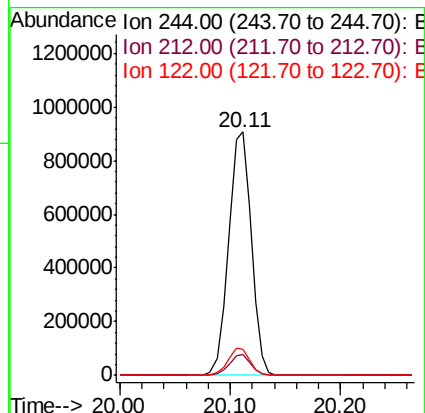
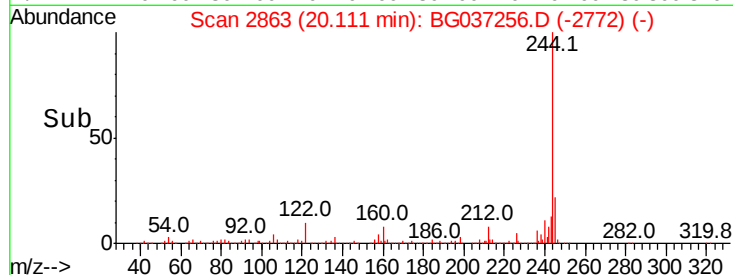
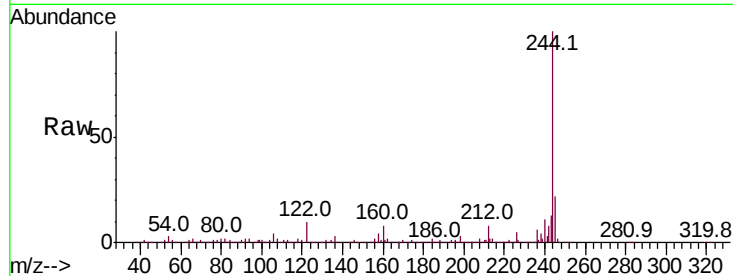
244 100

212 8.4 6.5 9.7

122 10.5 9.0 13.4

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#80

Butylbenzylphthalate

Concen: 43.241 ng

RT: 20.80 min Scan# 2980

Delta R.T. 0.01 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

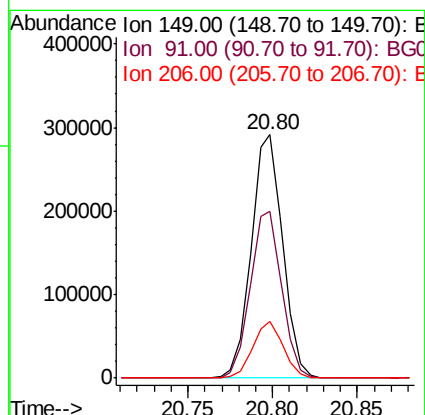
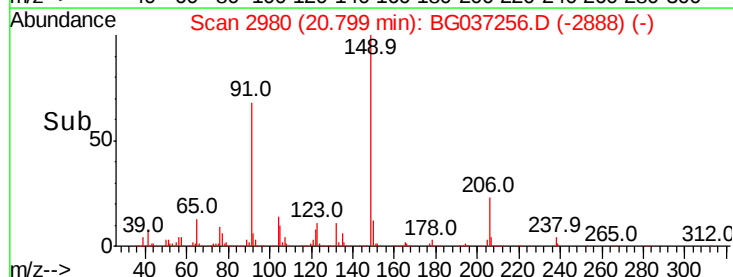
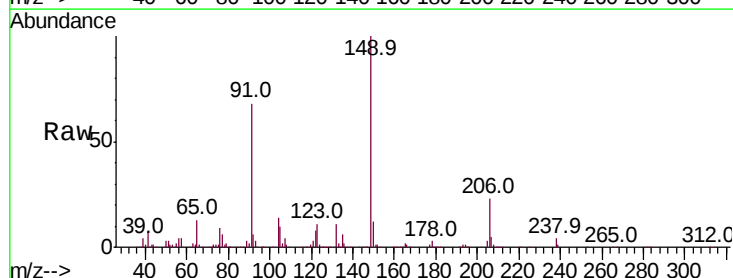
Tgt Ion:149 Resp: 375947

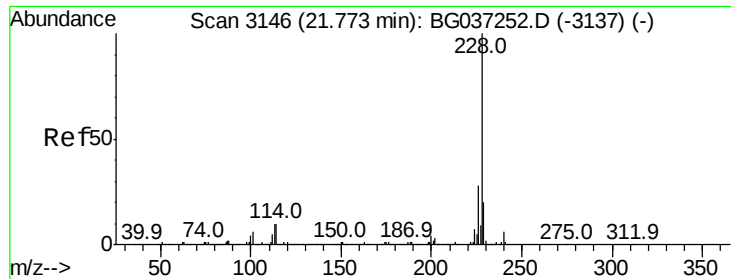
Ion Ratio Lower Upper

149 100

91 68.5 57.0 85.4

206 23.4 17.8 26.6





#81

Benzo(a)anthracene

Concen: 40.027 ng

RT: 21.78 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

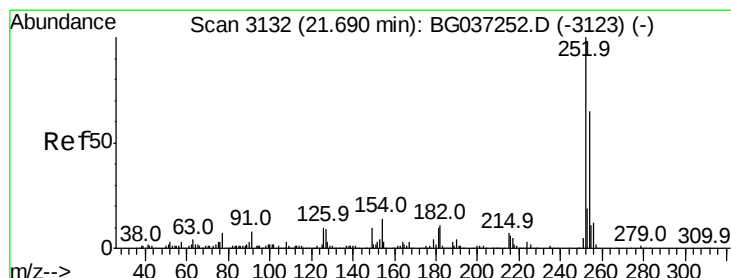
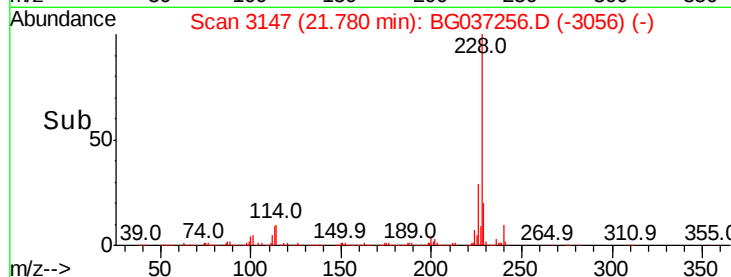
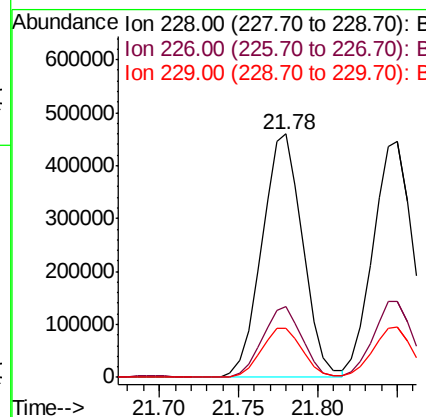
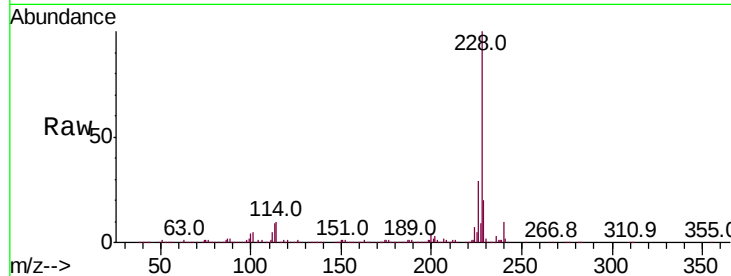
ClientSampleId :

ICVBG101118

Tot Ion:	228	Resp:	821941
Ion Ratio	Lower	Upper	
228	100		
226	29.0	22.6	33.8
229	20.2	16.3	24.5

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 41.691 ng

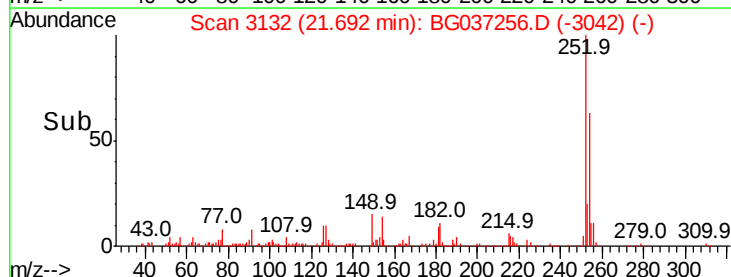
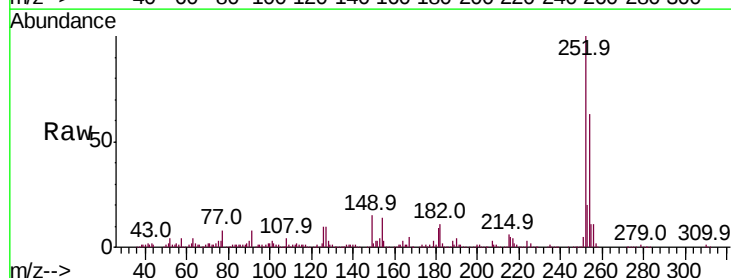
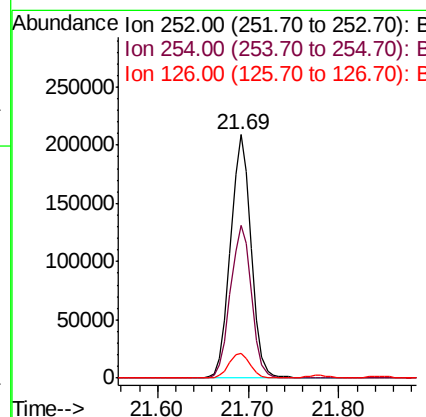
RT: 21.69 min Scan# 3132

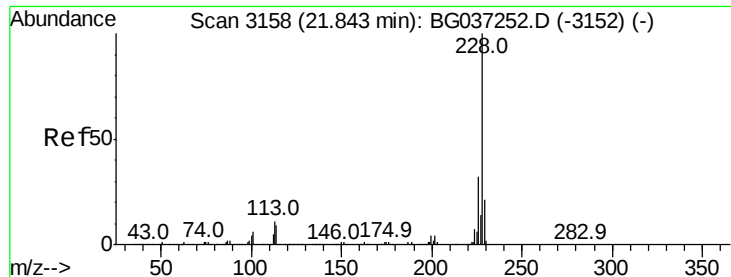
Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tgt Ion:	252	Resp:	330243
Ion Ratio	Lower	Upper	
252	100		
254	62.7	52.0	78.0
126	10.0	8.2	12.4





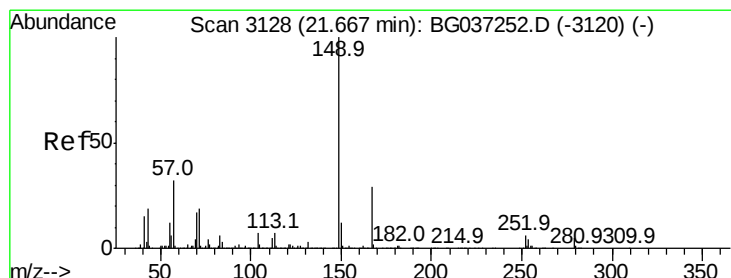
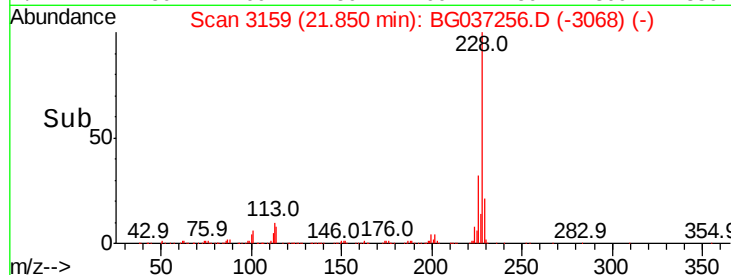
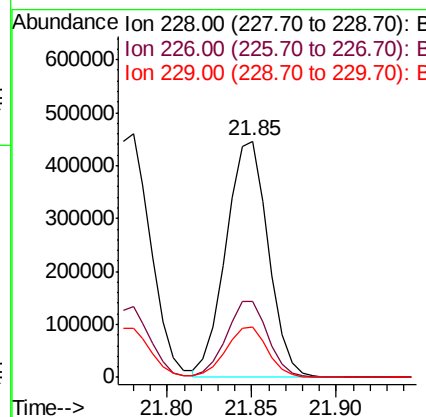
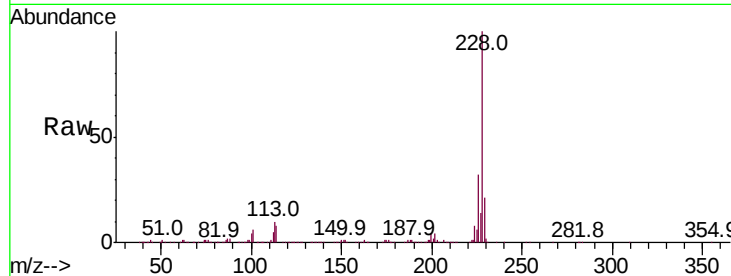
#83
 Chrysene
 Concen: 39.588 ng
 RT: 21.85 min Scan# 3159
 Delta R.T. 0.01 min
 Lab File: BG037256.D
 Acq: 11 Oct 2018 14:06

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG101118

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.7	38.5
229	21.4	16.5	24.7

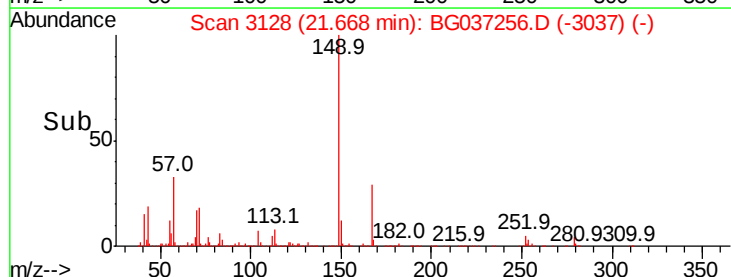
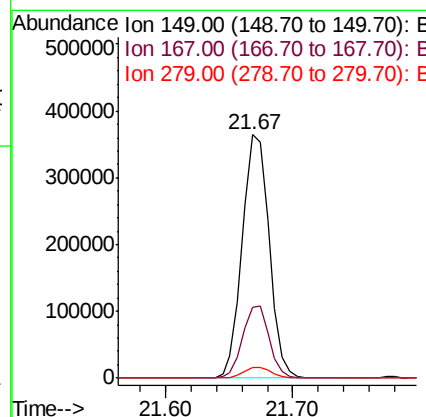
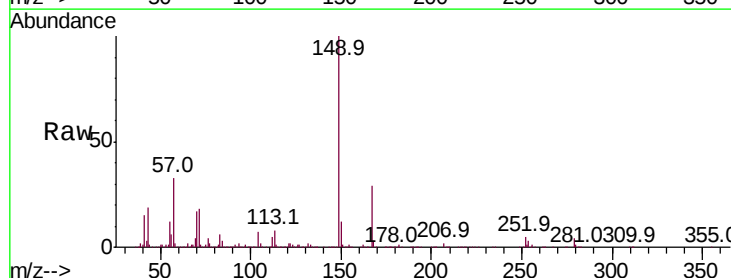
Manual Integrations
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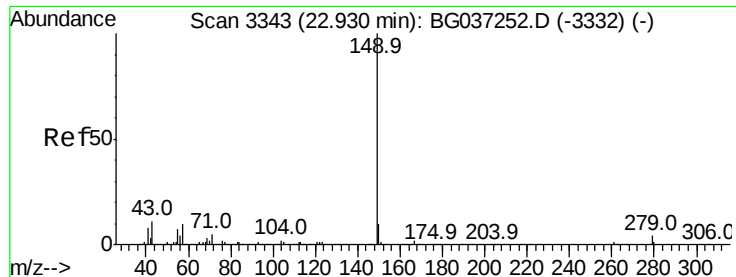
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.999 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. 0.00 min
 Lab File: BG037256.D
 Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.0	34.4
279	4.1	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 43.354 ng

RT: 22.94 min Scan# 3344

Delta R.T. 0.01 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

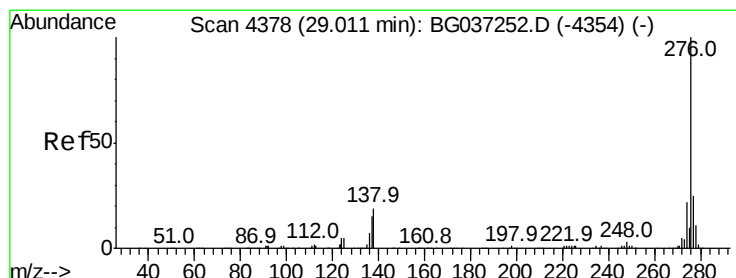
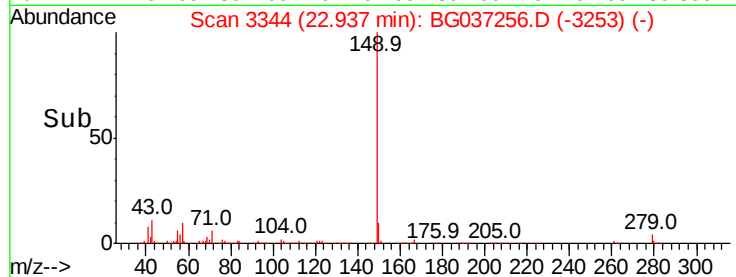
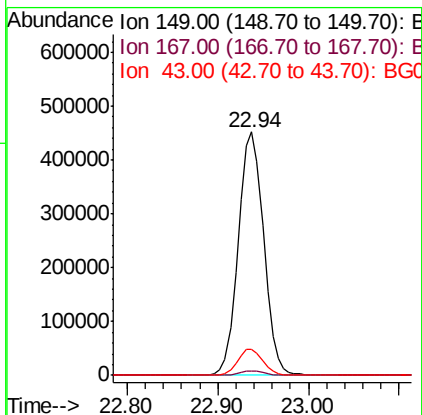
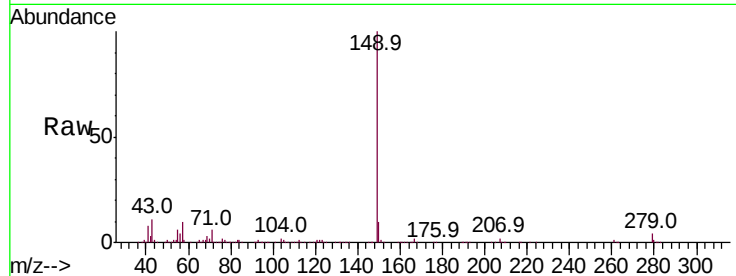
ClientSampleId :

ICVBG101118

Tot Ion:	149	Resp:	878498
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	10.7	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.220 ng

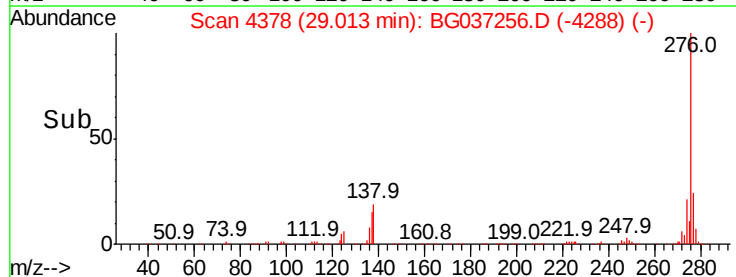
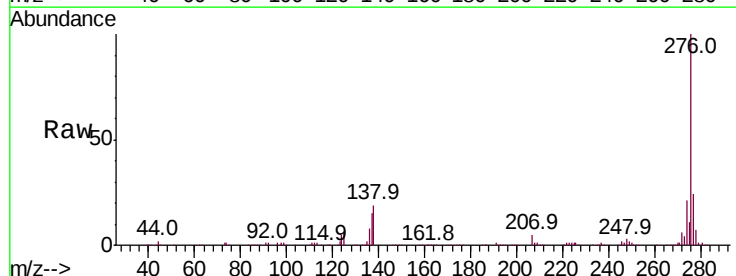
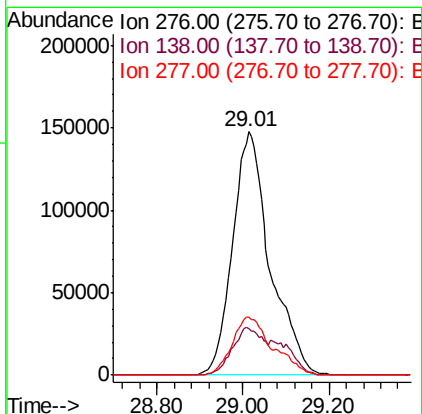
RT: 29.01 min Scan# 4378

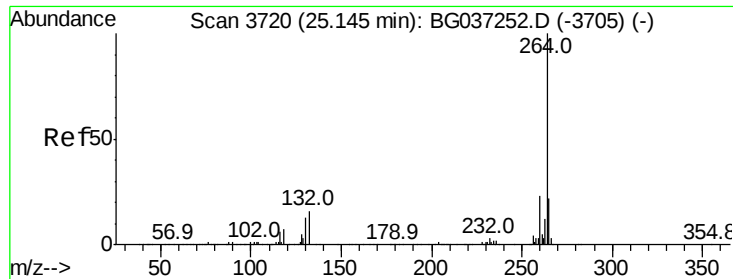
Delta R.T. 0.00 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tgt Ion:	276	Resp:	894953
Ion Ratio	Lower	Upper	
276	100		
138	16.3	12.0	18.0
277	25.7	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3721

Delta R.T. 0.01 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Instrument :

BNA_G

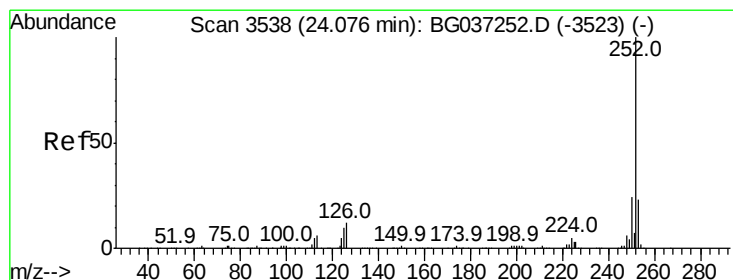
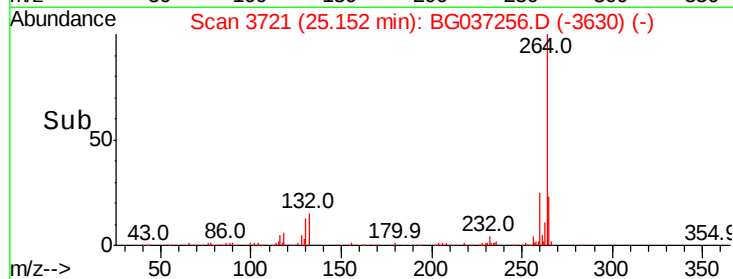
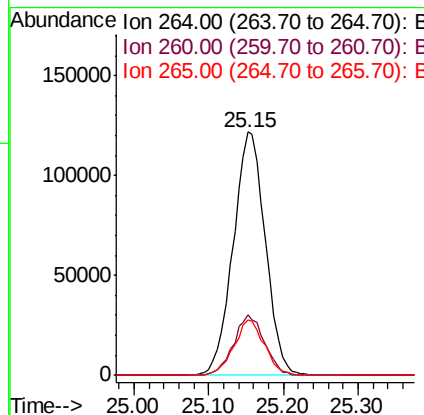
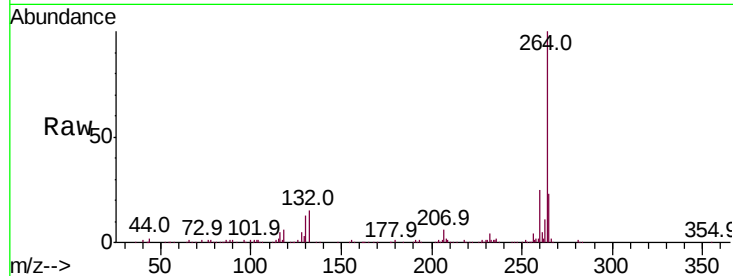
ClientSampleId :

ICVBG101118

Tot Ion:	264	Resp:	363788
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.2	27.4
265	22.6	17.9	26.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 41.113 ng

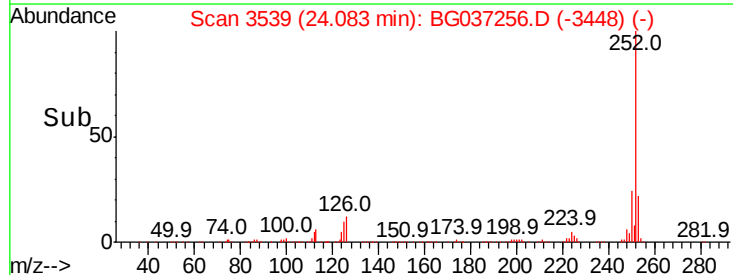
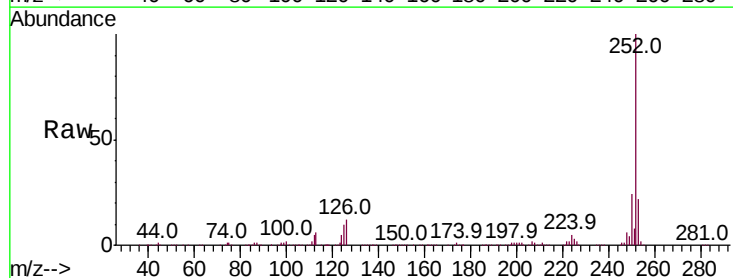
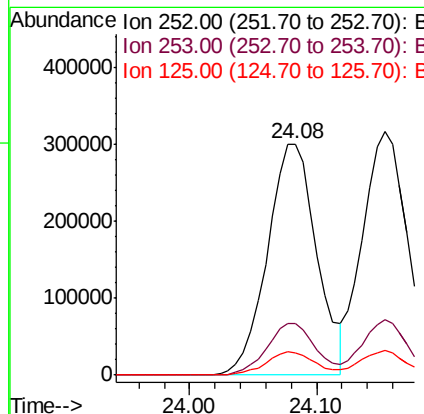
RT: 24.08 min Scan# 3539

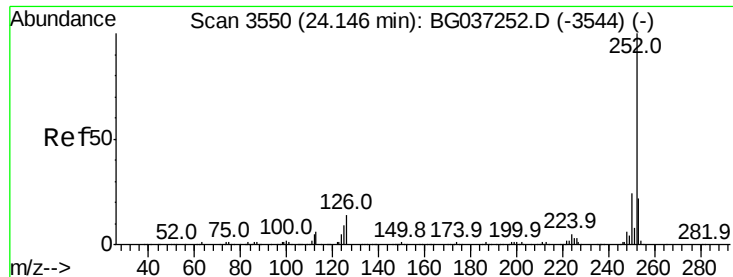
Delta R.T. 0.01 min

Lab File: BG037256.D

Acq: 11 Oct 2018 14:06

Tgt Ion:	252	Resp:	813146
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	9.8	7.8	11.6





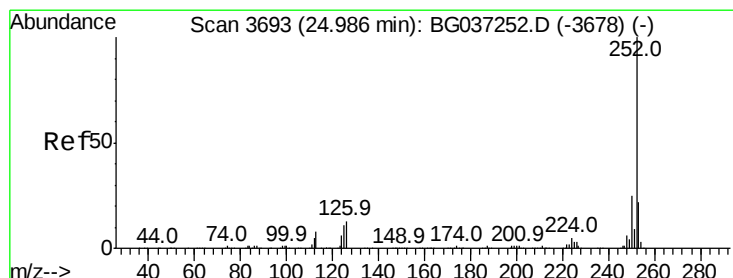
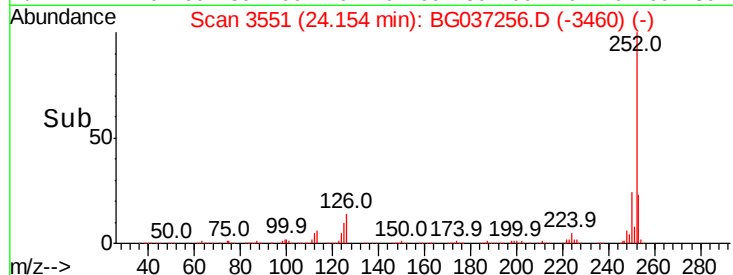
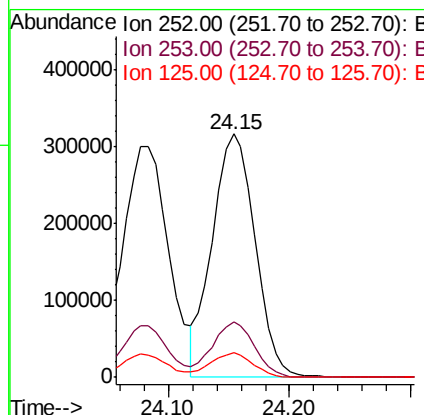
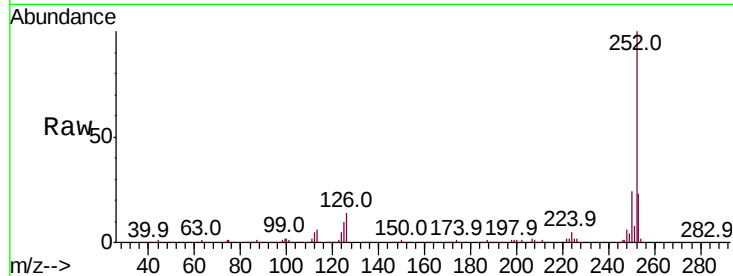
#89
Benzo(k)fluoranthene
Concen: 39.812 ng
RT: 24.15 min Scan# 3551
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	9.9	7.4	11.0

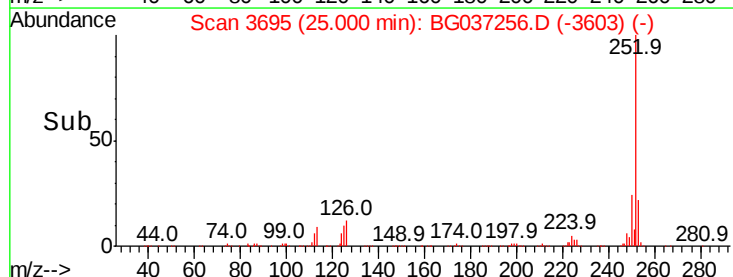
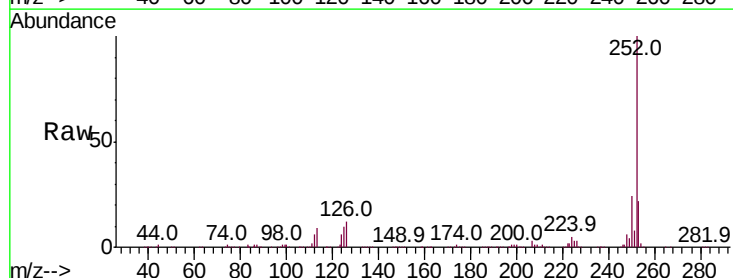
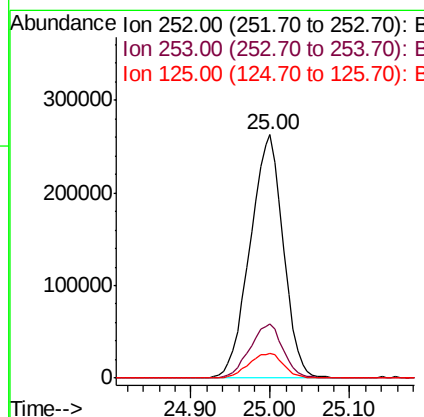
Manual Integrations
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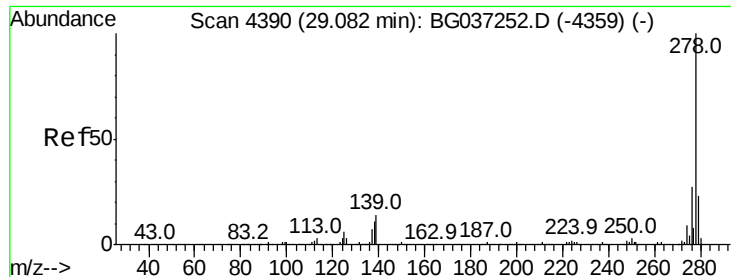
Sohil
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#90
Benzo(a)pyrene
Concen: 40.403 ng
RT: 25.00 min Scan# 3695
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.4	9.0	13.6





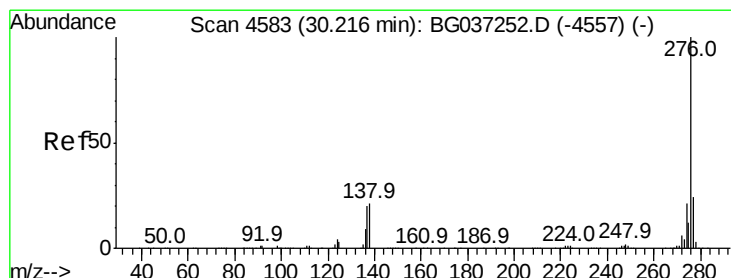
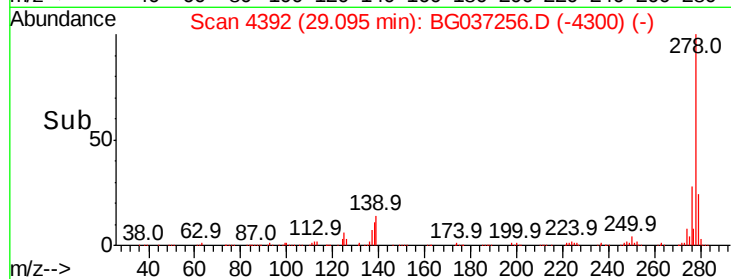
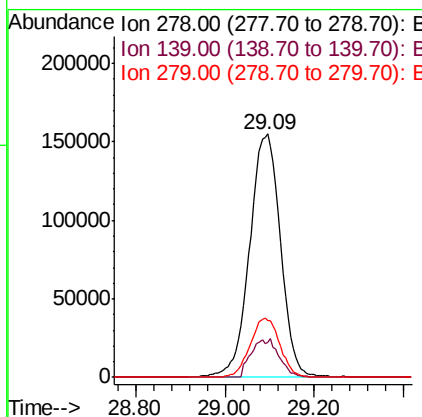
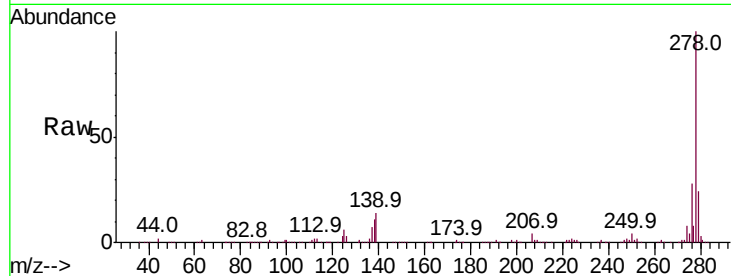
#91
Dibenzo(a,h)anthracene
Concen: 40.686 ng
RT: 29.09 min Scan# 4392
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Instrument :
BNA_G
ClientSampleId :
ICVBG101118

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.5	17.3
279	23.6	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/12/2018 8:53:11 AM



#92
Benzo(g,h,i)perylene
Concen: 40.292 ng
RT: 30.22 min Scan# 4584
Delta R.T. 0.01 min
Lab File: BG037256.D
Acq: 11 Oct 2018 14:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	20.9	17.2	25.8

