

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039738.D
 Acq On : 4 Mar 2019 19:29
 Operator : JU/SJ
 Sample : PB117513BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Manual Integrations
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Sohil
 3/5/2019 5:21:43 PM

Quant Time: Mar 05 06:44:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39884	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	177973	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	124333	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	311710	20.00	ng	0.00
76) Chrysene-d12	21.82	240	321434	20.00	ng	0.00
87) Perylene-d12	25.19	264	335965	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	345430	147.76	ng	0.00
7) Phenol-d6	7.31	99	485542	139.29	ng	0.00
23) Nitrobenzene-d5	9.33	82	250675	76.18	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	194394	134.14	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	638874	73.16	ng	-0.01
79) Terphenyl-d14	20.12	244	1105056	75.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	41713	38.647	ng	94
3) Pyridine	3.99	79	104928	36.313	ng	98
4) n-Nitrosodimethylamine	3.91	42	56186	40.988	ng	91
6) Aniline	7.48	93	140756	30.820	ng	99
8) 2-Chlorophenol	7.72	128	118891	41.918	ng	95
9) Benzaldehyde	7.29	77	79746	35.465	ng	97
10) Phenol	7.33	94	164206	43.483	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	111722	37.945	ng	95
12) 1,3-Dichlorobenzene	8.05	146	120874	37.682	ng	98
13) 1,4-Dichlorobenzene	8.19	146	122855	37.601	ng	99
14) 1,2-Dichlorobenzene	8.51	146	119788	37.945	ng	99
15) Benzyl Alcohol	8.39	79	113204	40.939	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	224212	38.075	ng	100
17) 2-Methylphenol	8.59	107	106330	44.158	ng	98
18) Hexachloroethane	9.24	117	43828	37.384	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	91470	36.456	ng	96
20) 3+4-Methylphenols	8.92	107	145068	43.367	ng	97
22) Acetophenone	8.99	105	174201	36.469	ng	# 95
24) Nitrobenzene	9.38	77	137905	39.948	ng	96
25) Isophorone	9.89	82	266813	38.696	ng	98
26) 2-Nitrophenol	10.08	139	67175	40.303	ng	97
27) 2,4-Dimethylphenol	10.13	122	124966	48.207	ng	95
28) bis(2-Chloroethoxy)methane	10.37	93	162181	38.706	ng	94
29) 2,4-Dichlorophenol	10.62	162	133064	45.591	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	125937	38.346	ng	97
31) Naphthalene	11.03	128	369408	39.203	ng	99
32) Benzoic acid	10.26	122	64477	37.844	ng	96
33) 4-Chloroaniline	11.14	127	85076	21.292	ng	97
34) Hexachlorobutadiene	11.29	225	82489	36.756	ng	97
35) Caprolactam	11.92	113	45699m	40.989	ng	
36) 4-Chloro-3-methylphenol	12.24	107	144199	43.100	ng	98
37) 2-Methylnaphthalene	12.62	142	285193	40.482	ng	99
38) 1-Methylnaphthalene	12.84	142	273462	39.943	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	156080	37.055	ng	98

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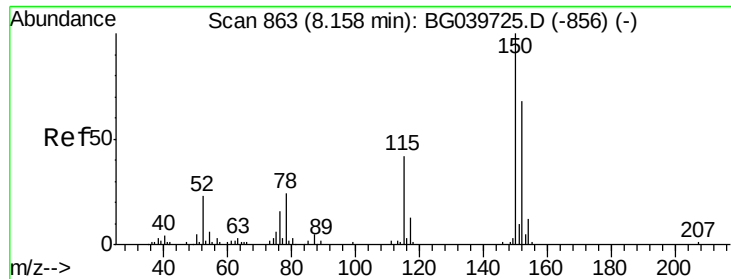
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	215775	95.591	ng	96
43) 2,4,6-Trichlorophenol	13.22	196	109465	44.390	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	119635	43.040	ng	99
46) 1,1'-Biphenyl	13.62	154	393676	38.497	ng	98
47) 2-Chloronaphthalene	13.67	162	300524	39.064	ng	98
48) 2-Nitroaniline	13.87	65	104113	42.111	ng	95
49) Acenaphthylene	14.51	152	491242	38.898	ng	99
50) Dimethylphthalate	14.23	163	413086	39.733	ng	99
51) 2,6-Dinitrotoluene	14.36	165	90580	41.097	ng	99
52) Acenaphthene	14.85	154	300038	39.473	ng	95
53) 3-Nitroaniline	14.70	138	58529	26.418	ng #	90
54) 2,4-Dinitrophenol	14.90	184	109045	78.555	ng	96
55) Dibenzofuran	15.18	168	488147	39.142	ng	97
56) 4-Nitrophenol	14.99	139	163629	82.560	ng	91
57) 2,4-Dinitrotoluene	15.14	165	129055	41.672	ng #	88
58) Fluorene	15.83	166	387165	39.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	119369	43.972	ng	97
60) Diethylphthalate	15.58	149	419124	40.724	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	205314	39.245	ng	97
62) 4-Nitroaniline	15.86	138	95974	39.958	ng	100
63) Azobenzene	16.11	77	381462	40.888	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	75218	40.812	ng	100
66) n-Nitrosodiphenylamine	16.03	169	365425	40.494	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	136810	39.211	ng	95
68) Hexachlorobenzene	16.82	284	140910	38.961	ng	91
69) Atrazine	16.97	200	147962	41.661	ng	95
70) Pentachlorophenol	17.17	266	180144	78.868	ng	98
71) Phenanthrene	17.57	178	672365	39.161	ng	99
72) Anthracene	17.66	178	683936	40.878	ng	99
73) Carbazole	17.93	167	607862	40.300	ng	98
74) Di-n-butylphthalate	18.46	149	739541	41.672	ng	100
75) Fluoranthene	19.57	202	825024	40.659	ng	98
77) Benzidine	19.75	184	417139	40.896	ng	98
78) Pyrene	19.94	202	822668	39.387	ng	99
80) Butylbenzylphthalate	20.80	149	342313	42.302	ng	96
81) Benzo(a)anthracene	21.80	228	785651	38.999	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	165107	22.449	ng	99
83) Chrysene	21.87	228	751953	38.502	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	476644	41.916	ng	99
85) Di-n-octyl phthalate	22.92	149	819861	43.544	ng	95
86) Indeno(1,2,3-cd)pyrene	29.07	276	915172	41.306	ng	98
88) Benzo(b)fluoranthene	24.11	252	797955	39.830	ng	98
89) Benzo(k)fluoranthene	24.18	252	776664	41.647	ng	99
90) Benzo(a)pyrene	25.04	252	777124	41.978	ng	99
91) Dibenzo(a,h)anthracene	29.14	278	745399	41.071	ng	99
92) Benzo(g,h,i)perylene	30.30	276	757118	41.537	ng	98

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



#1

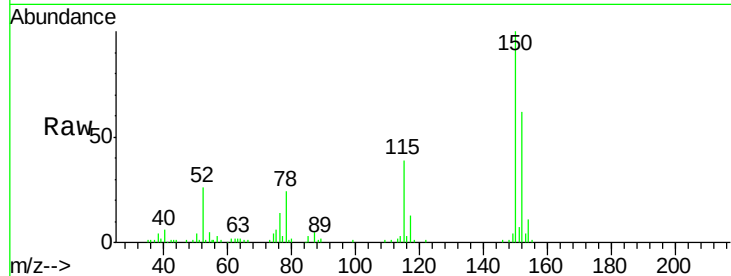
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
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PB117513BS

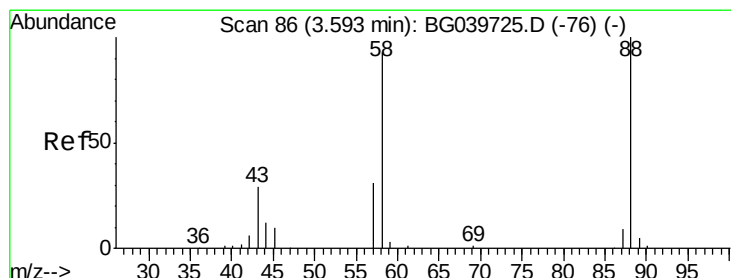
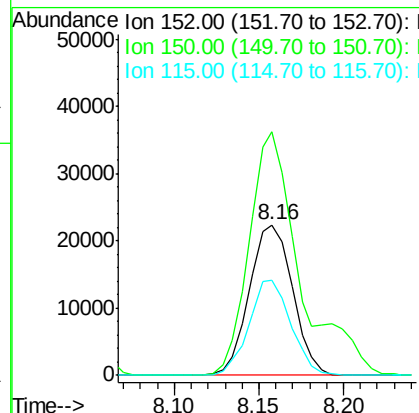
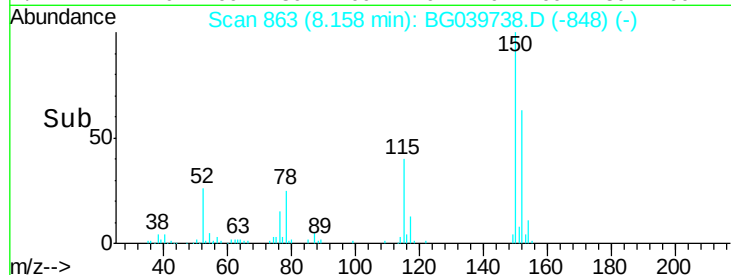
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.8	123.7	185.5
115	63.1	45.9	68.9

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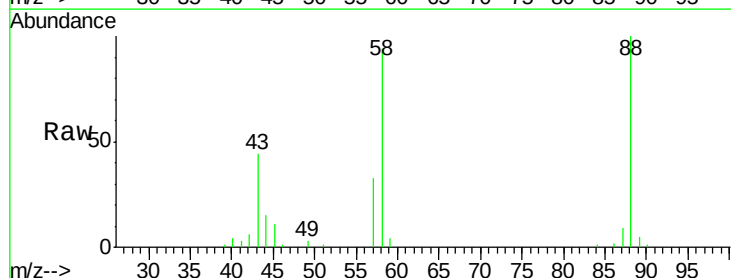
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



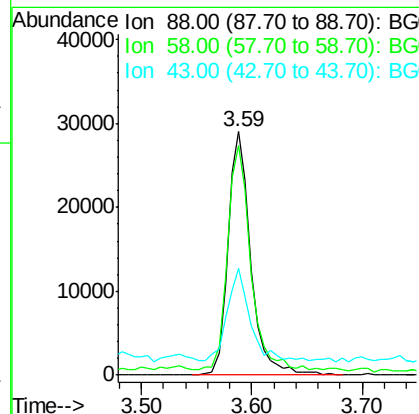
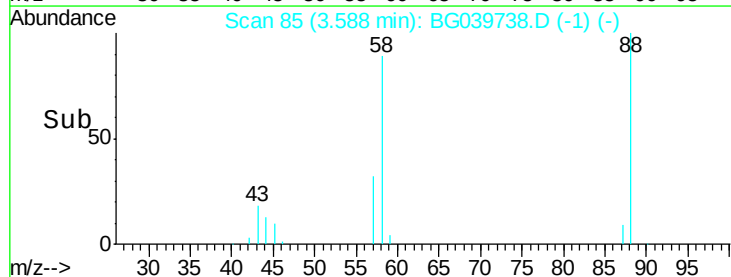
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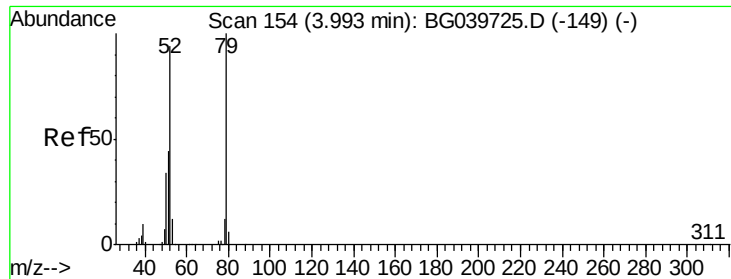
1,4-Dioxane
Concen: 38.647 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.4	81.1	121.7
43	38.5	31.4	47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.313 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

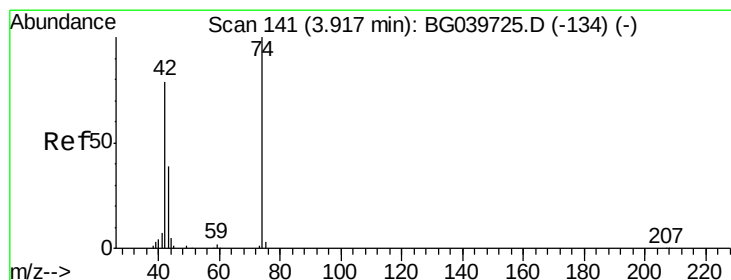
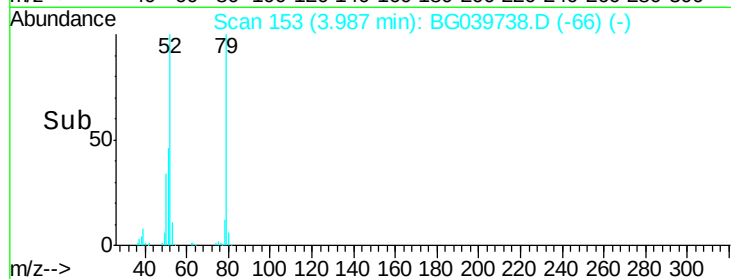
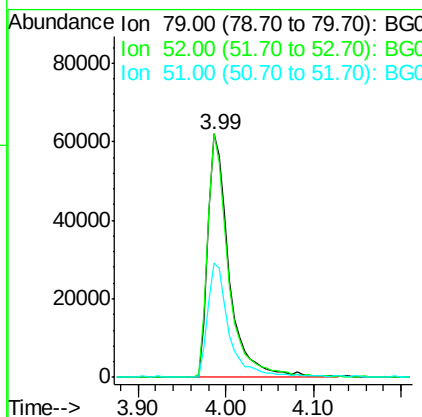
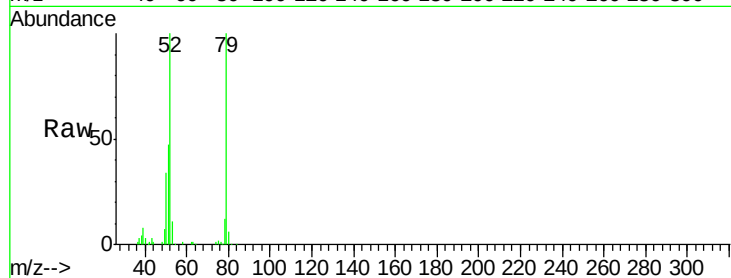
ClientSampleId :

PB117513BS

Tgt Ion:	79	Resp:	104928
Ion Ratio	Lower	Upper	
79	100		
52	100.2	82.6	124.0
51	46.8	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 40.988 ng

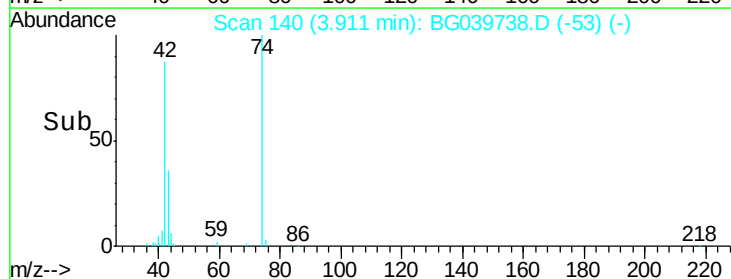
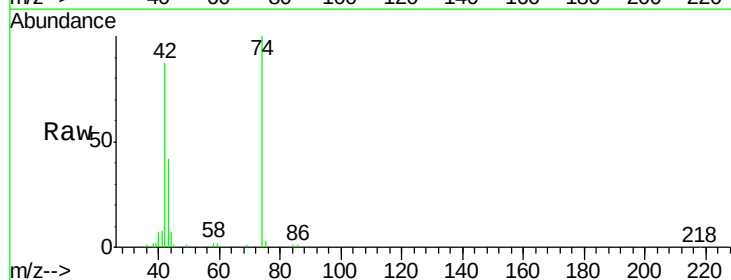
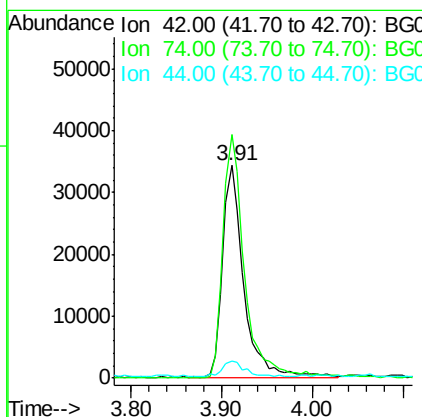
RT: 3.91 min Scan# 140

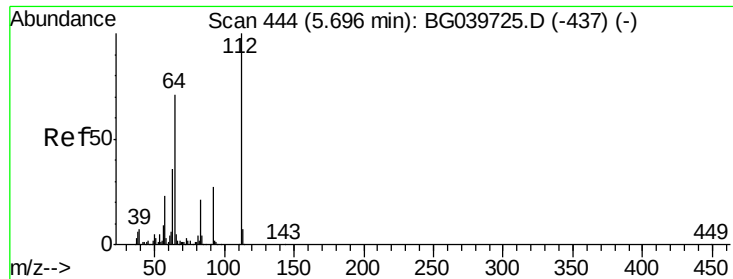
Delta R.T. -0.02 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion:	42	Resp:	56186
Ion Ratio	Lower	Upper	
42	100		
74	114.6	83.6	125.4
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 147.755 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

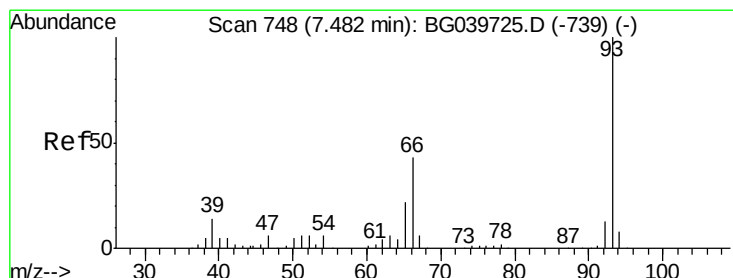
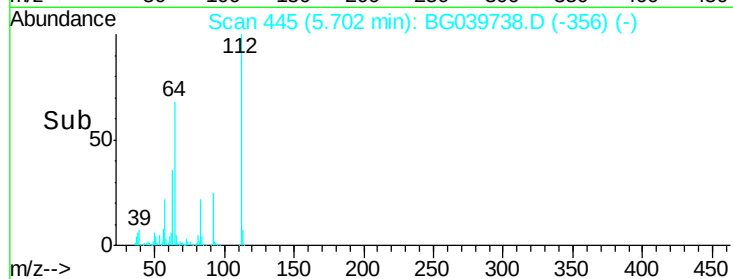
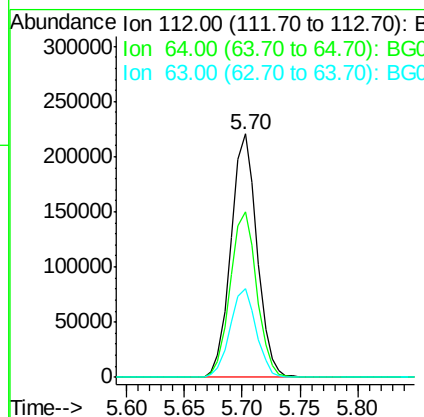
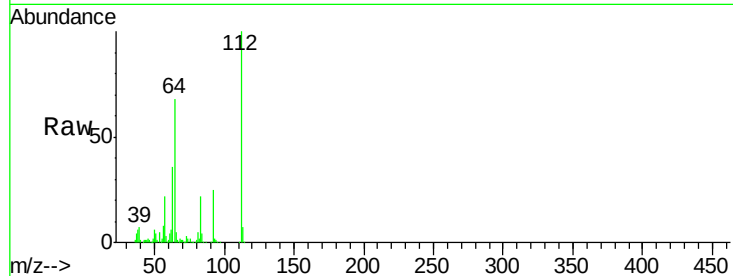
ClientSampleId :

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Tgt Ion:	112	Resp:	345430
Ion Ratio	Lower	Upper	
112	100		
64	68.2	57.8	86.8
63	36.2	29.8	44.6

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#6

Aniline

Concen: 30.820 ng

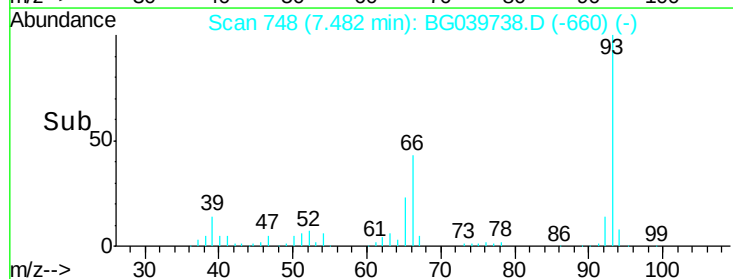
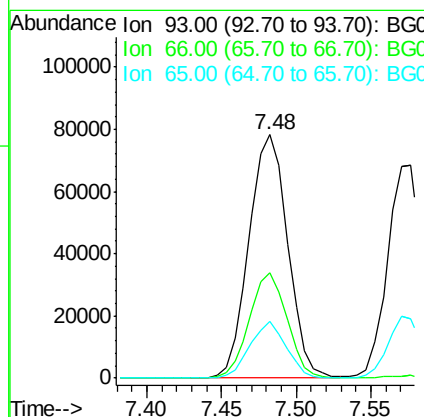
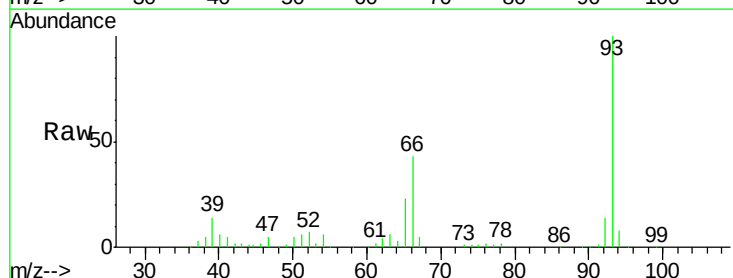
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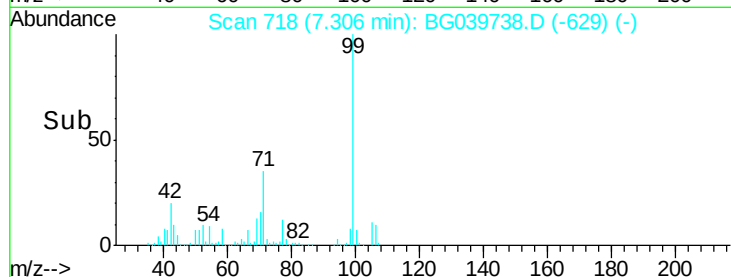
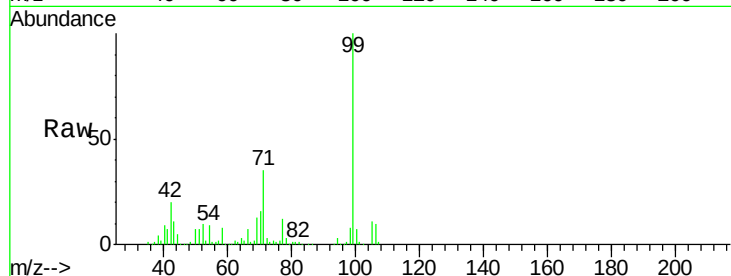
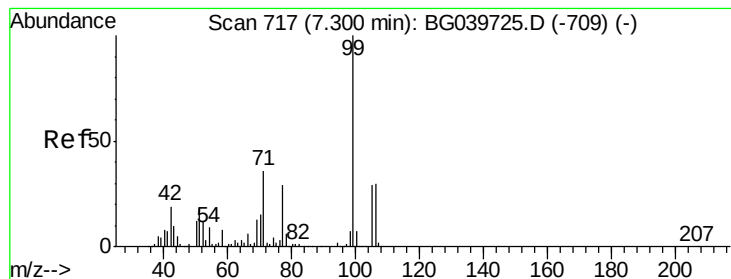
Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion:	93	Resp:	140756
Ion Ratio	Lower	Upper	
93	100		
66	43.1	34.2	51.4
65	23.5	17.7	26.5





#7

Phenol-d6

Concen: 139.288 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion:	99	Resp:	485542
Ion Ratio	Lower	Upper	
99	100		
42	20.3	18.2	27.2
71	35.3	28.0	42.0

Instrument :

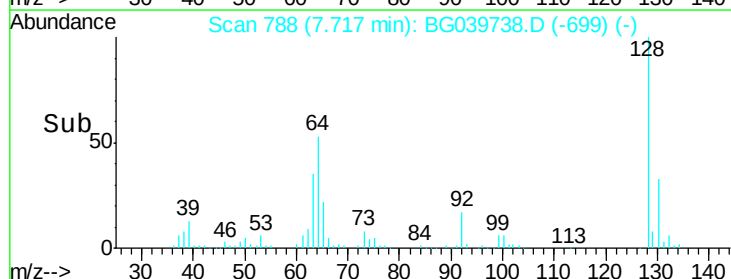
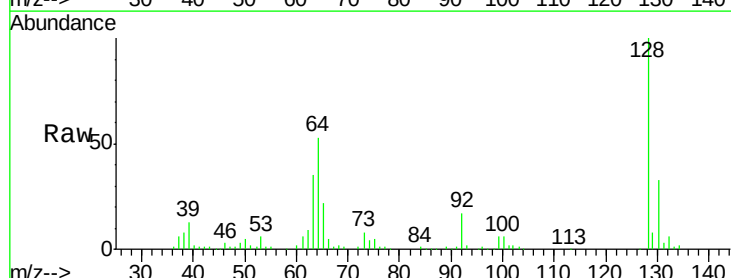
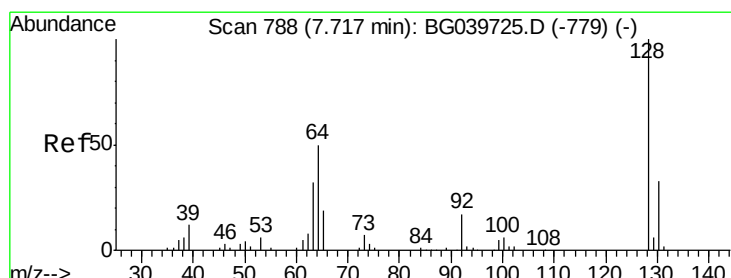
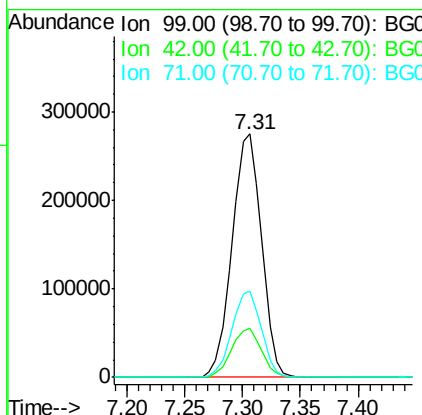
BNA_G

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#8

2-Chlorophenol

Concen: 41.918 ng

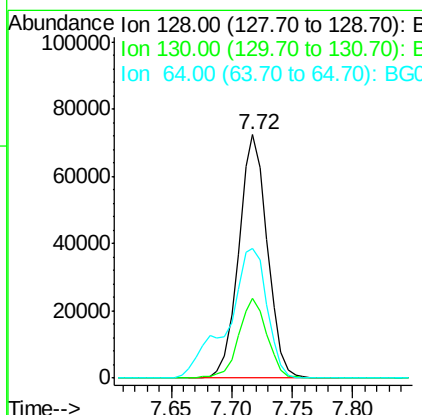
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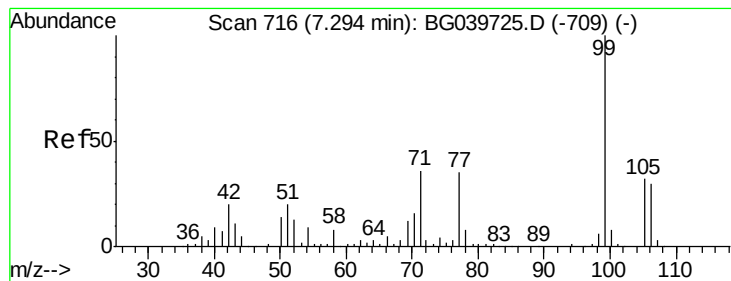
Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion:	128	Resp:	118891
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	53.3	38.7	78.7





#9

Benzaldehyde

Concen: 35.465 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

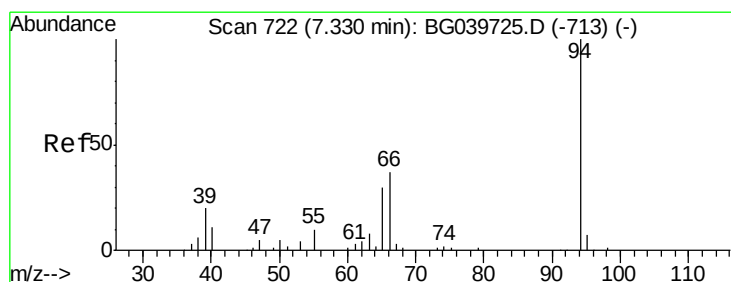
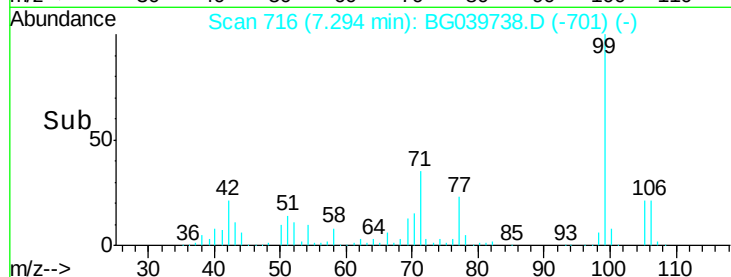
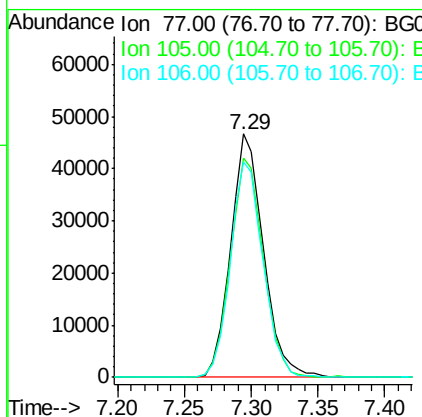
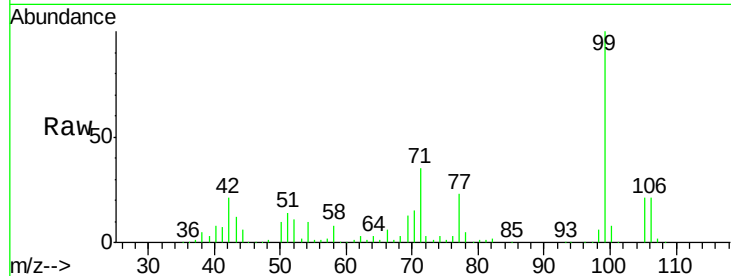
ClientSampleId :

PB117513BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	90.3	74.5	114.5
106	88.5	68.0	108.0

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#10

Phenol

Concen: 43.483 ng

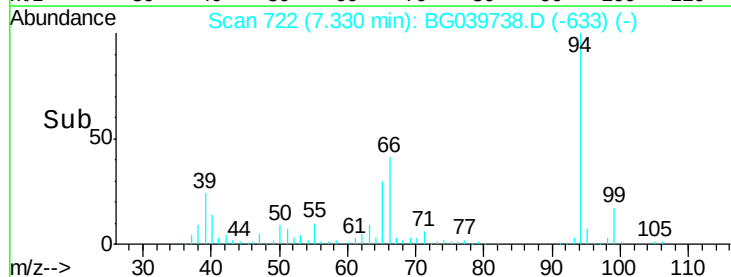
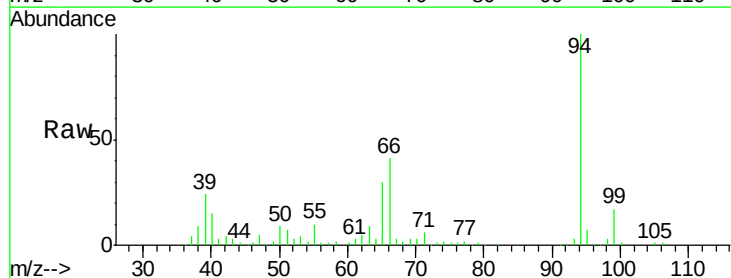
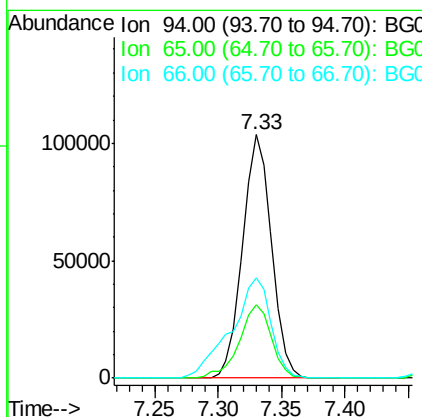
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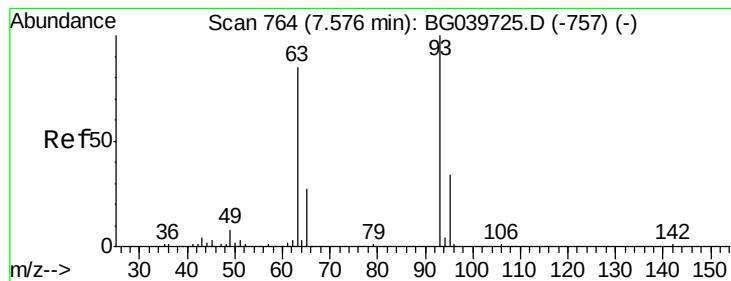
Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	11.7	51.7
66	41.4	23.7	63.7





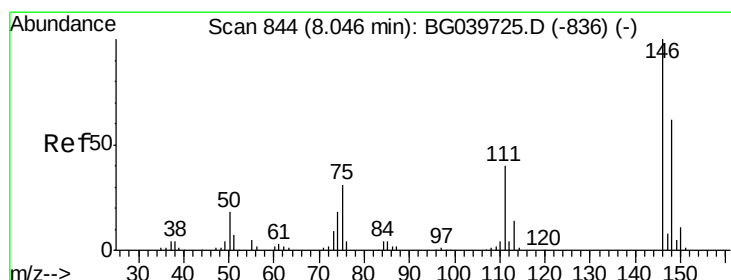
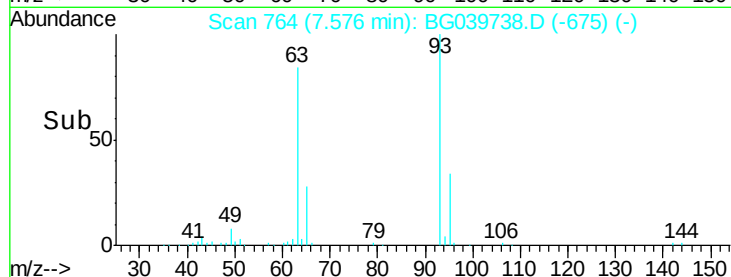
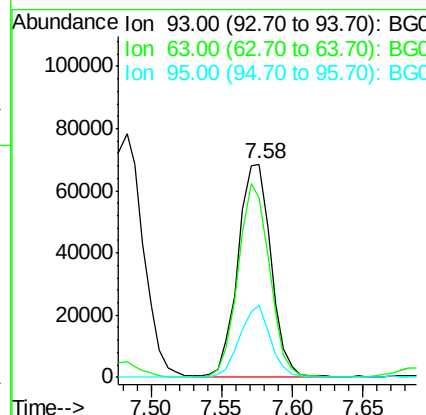
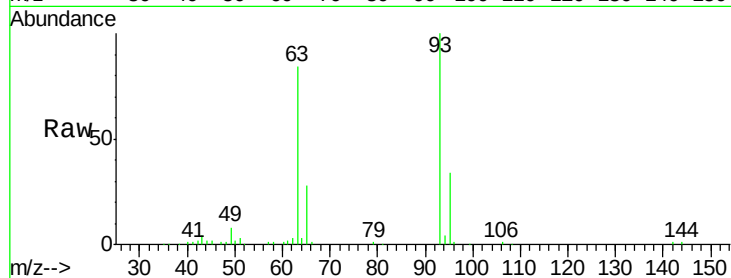
#11
bis(2-Chloroethyl)ether
Concen: 37.945 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.5	69.5	109.5
95	34.0	12.7	52.7

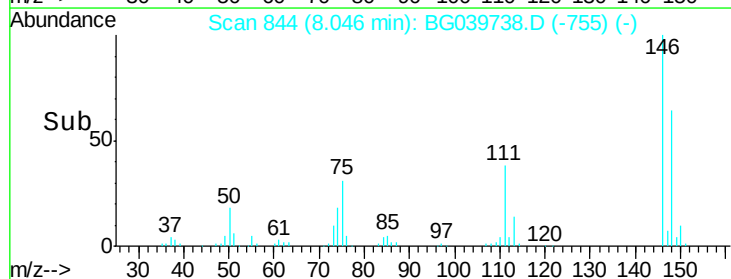
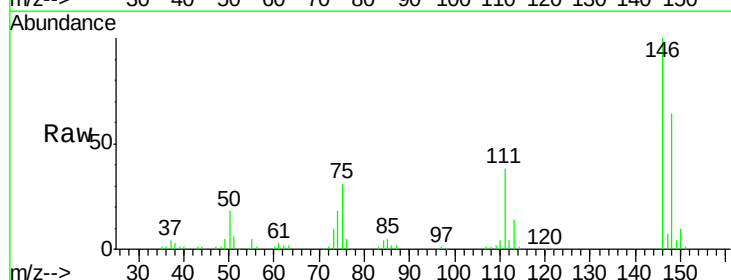
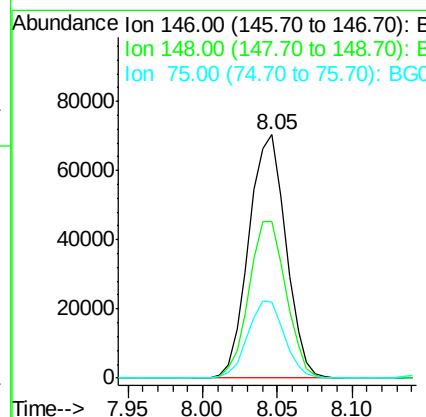
Manual Integrations
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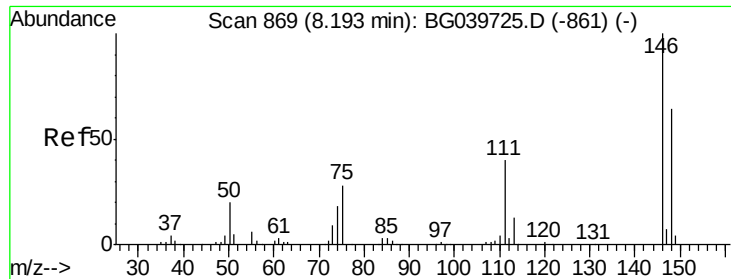
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.682 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.6	79.0
75	31.0	25.8	38.6





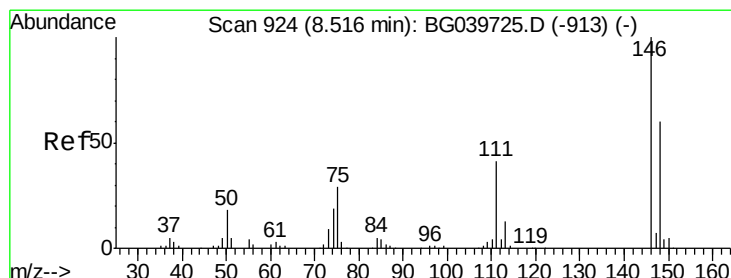
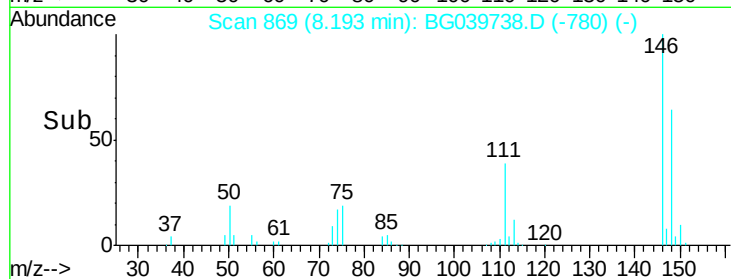
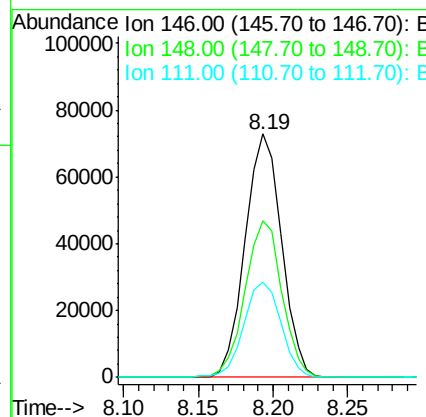
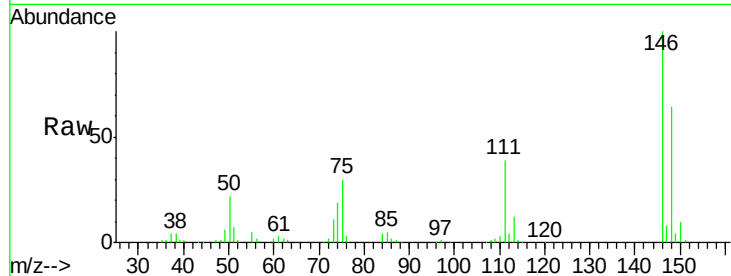
#13
 1,4-Dichlorobenzene
 Concen: 37.601 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	39.2	32.6	48.8

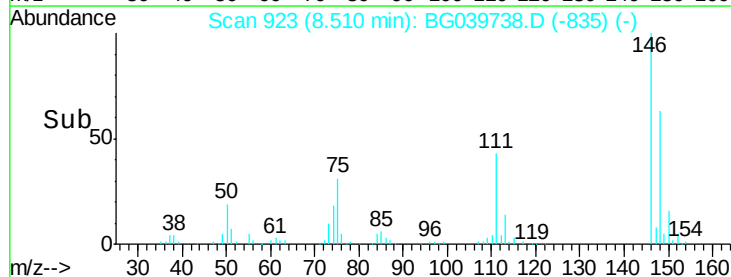
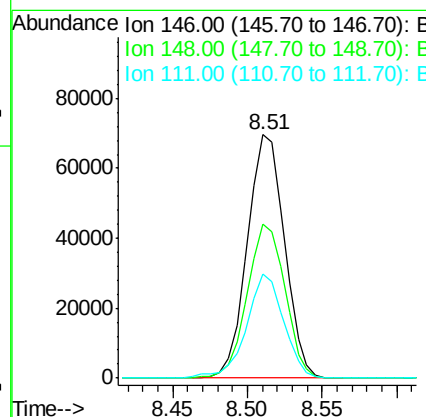
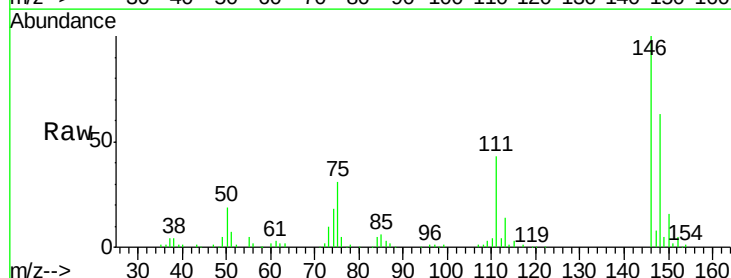
Manual Integrations
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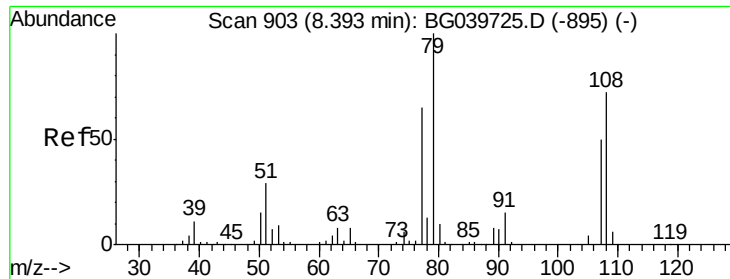
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 37.945 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.5	77.3
111	42.9	33.8	50.6





#15

Benzyl Alcohol

Concen: 40.939 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

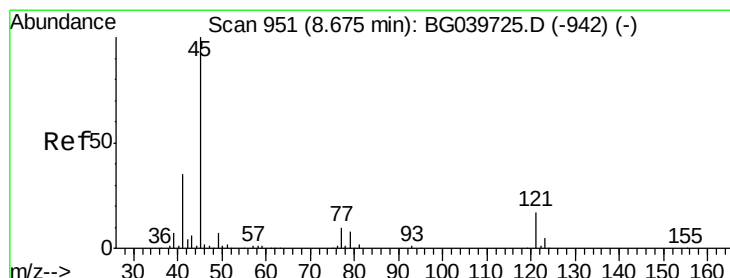
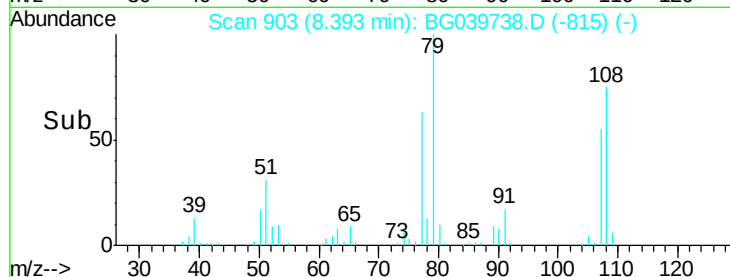
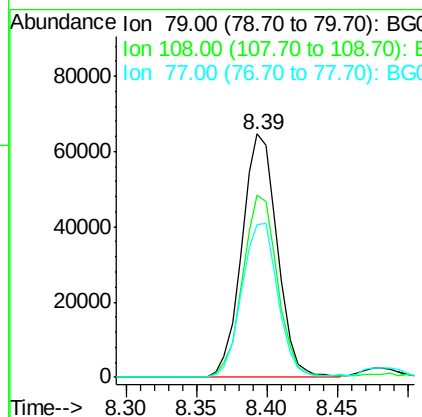
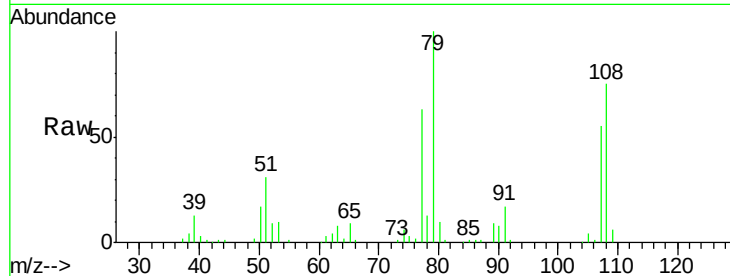
ClientSampleId :

PB117513BS

Tgt Ion:	79	Resp:	113204
Ion	Ratio	Lower	Upper
79	100		
108	75.1	57.8	86.6
77	63.0	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.075 ng

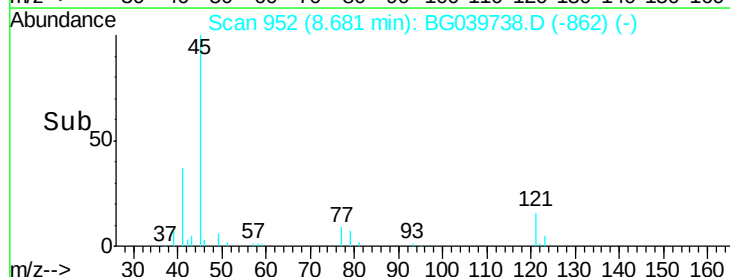
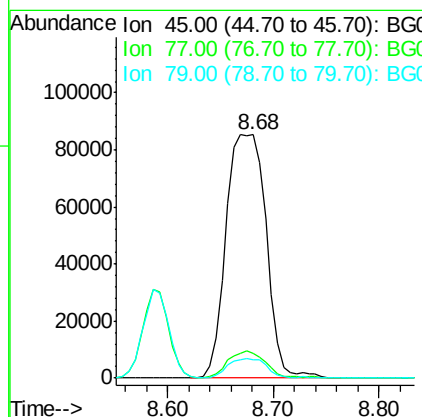
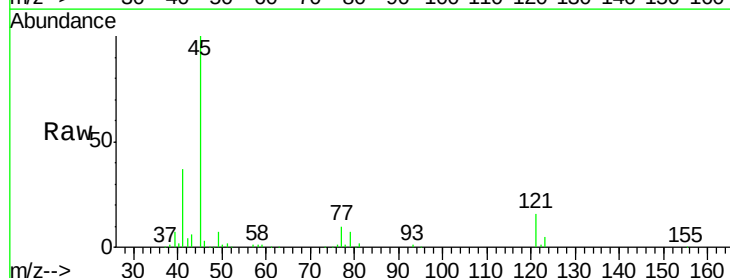
RT: 8.68 min Scan# 952

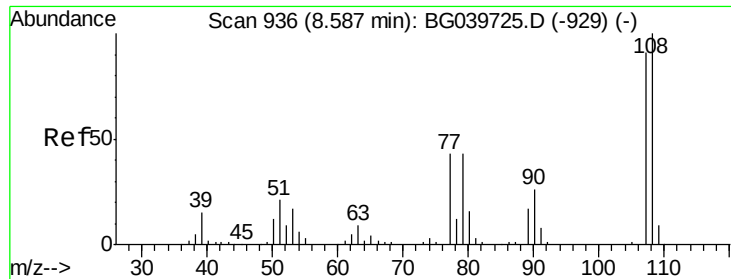
Delta R.T. -0.00 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion:	45	Resp:	224212
Ion	Ratio	Lower	Upper
45	100		
77	10.2	0.0	30.0
79	7.4	0.0	27.5





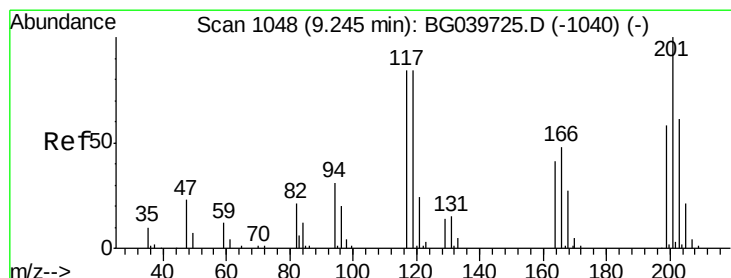
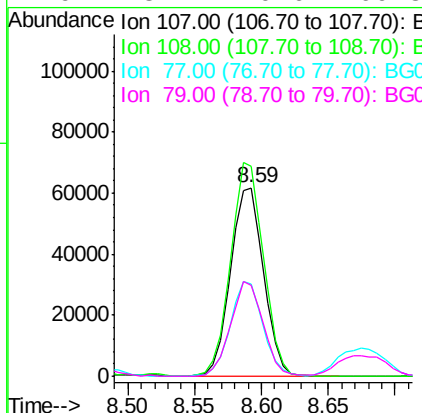
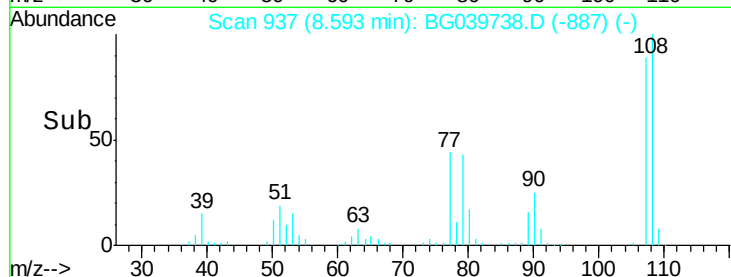
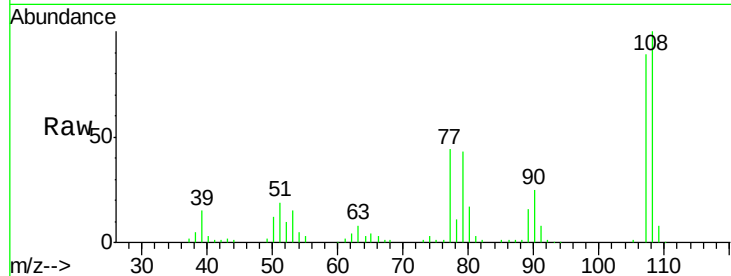
#17
2-Methylphenol
Concen: 44.158 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampled :
PB117513BS

Tgt Ion:	107	Resp:	106330
Ion Ratio	Lower	Upper	
107	100		
108	111.9	90.8	136.2
77	48.7	40.7	61.1
79	48.2	40.6	60.8

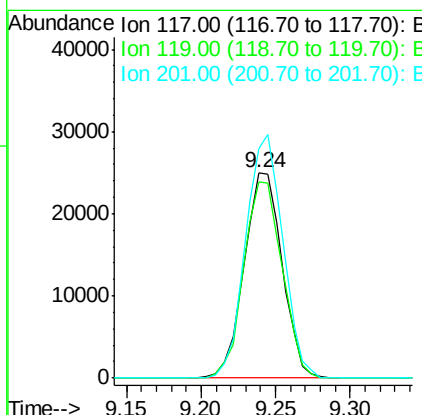
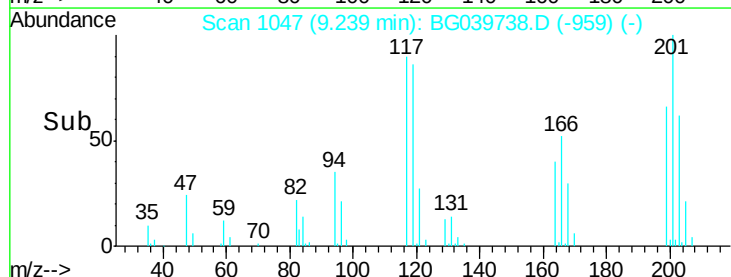
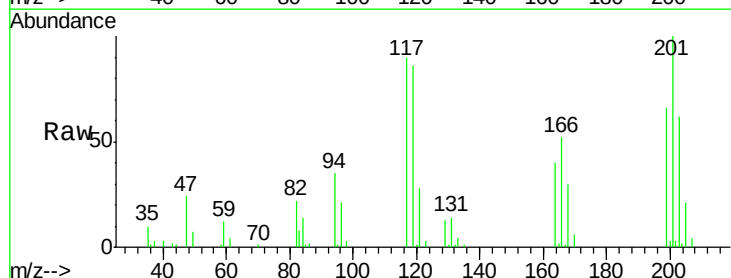
Manual Integrations
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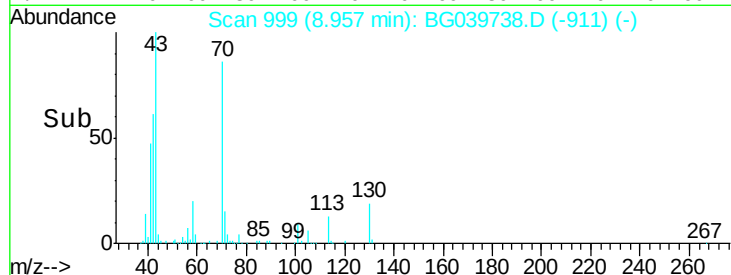
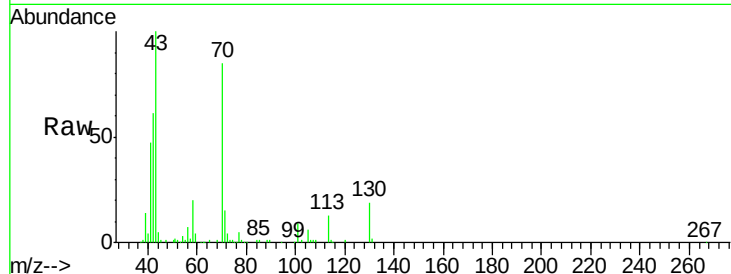
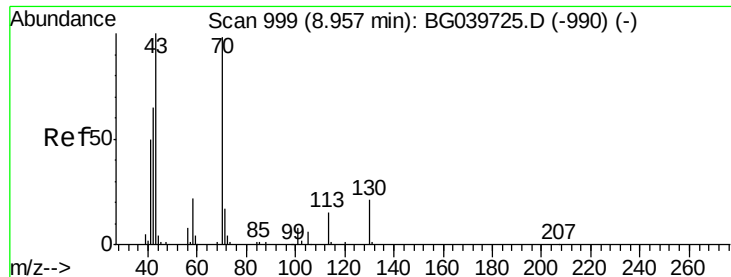
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#18
Hexachloroethane
Concen: 37.384 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion:	117	Resp:	43828
Ion Ratio	Lower	Upper	
117	100		
119	95.8	76.3	114.5
201	111.6	91.1	136.7





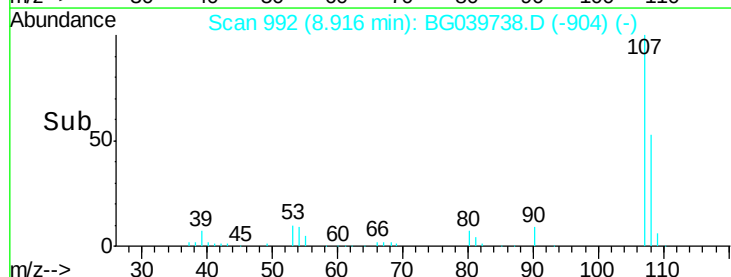
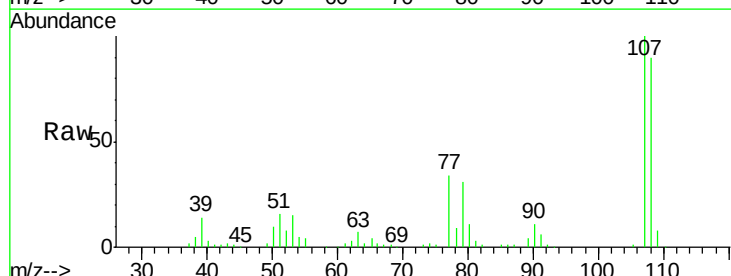
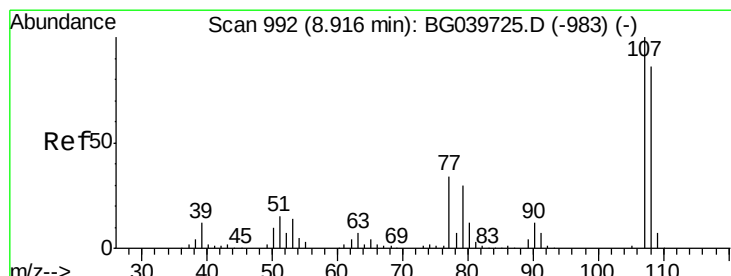
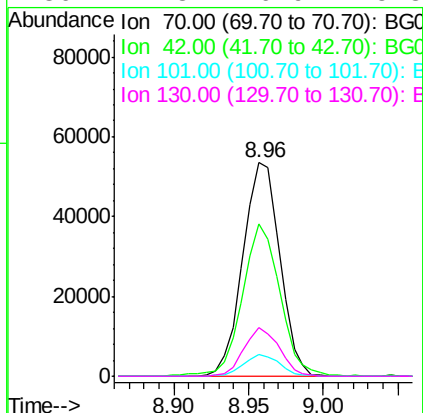
#19
n-Nitroso-di-n-propylamine
Concen: 36.456 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

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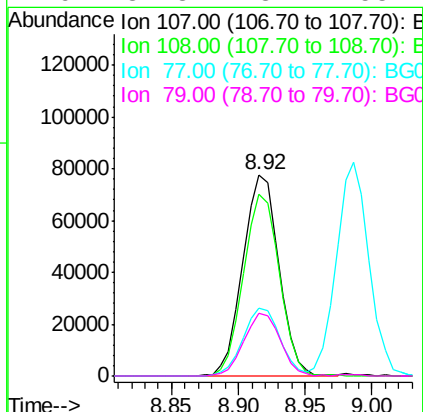
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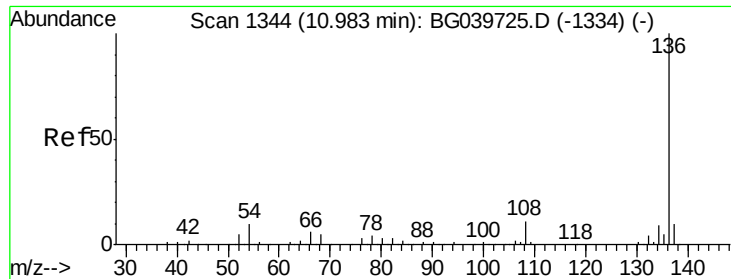
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.4	60.4	90.6	
101	10.4	7.5	11.3	
130	22.8	16.9	25.3	



#20
3+4-Methylphenols
Concen: 43.367 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	67.9	107.9	
77	33.9	15.4	55.4	
79	31.3	13.7	53.7	





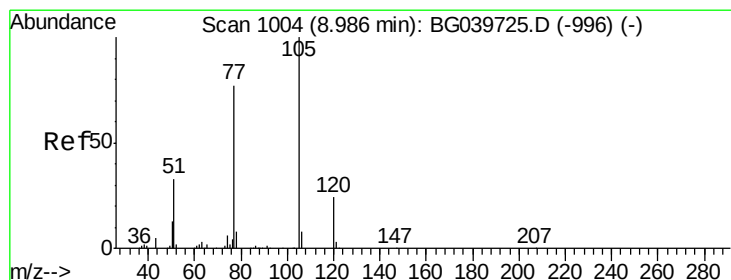
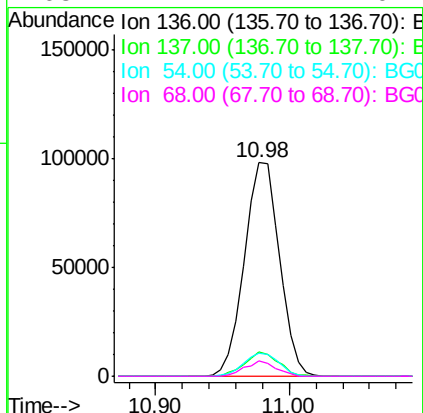
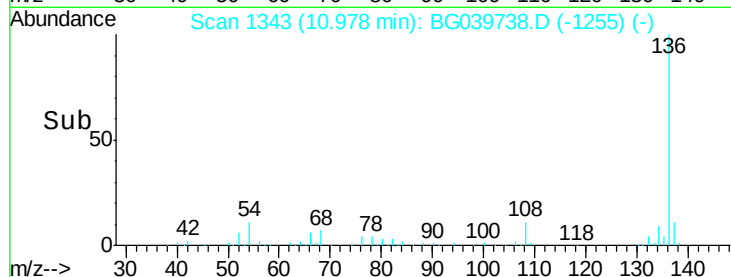
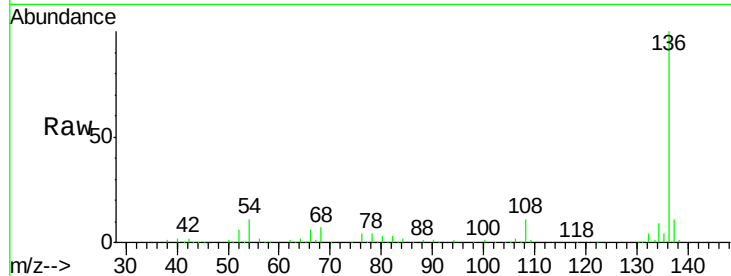
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	177973		
137	11.1	9.1	13.7	
54	10.7	9.4	14.2	
68	7.1	4.2	6.4	

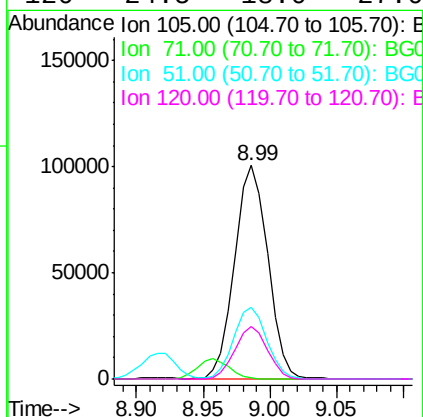
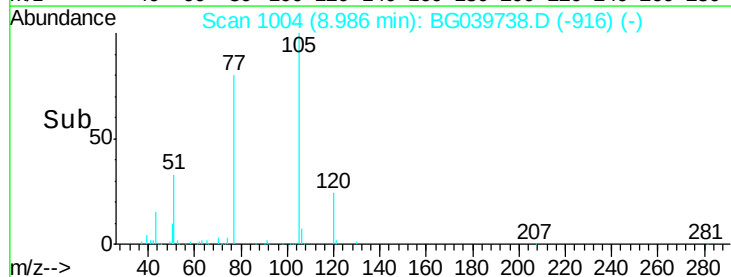
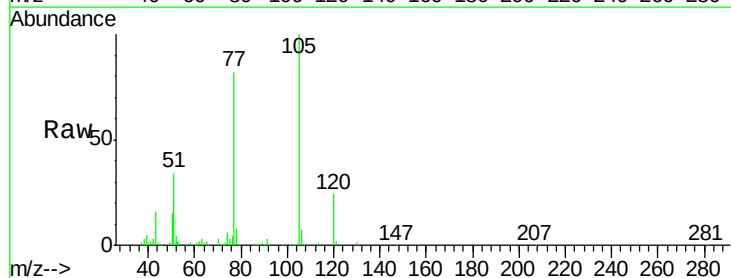
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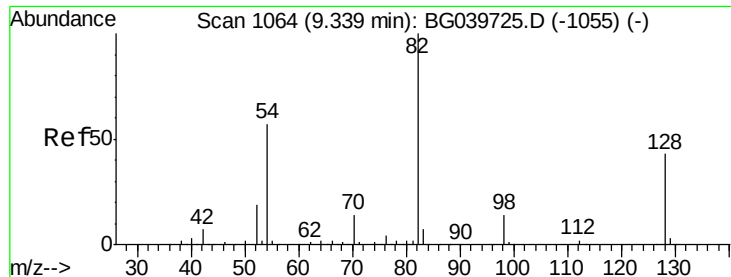
Sohil
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#22
Acetophenone
Concen: 36.469 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	174201		
71	0.4	0.8	1.2	
51	33.9	30.2	45.2	
120	24.5	18.0	27.0	





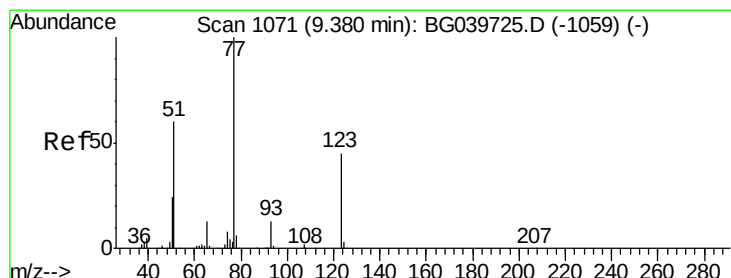
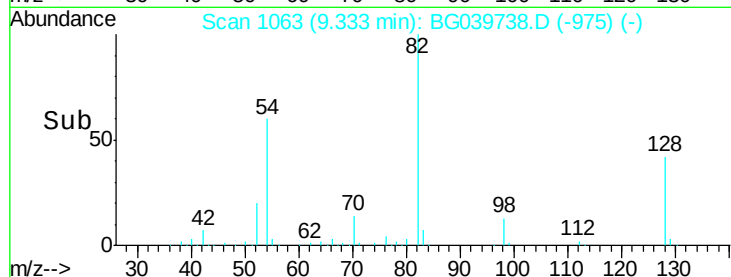
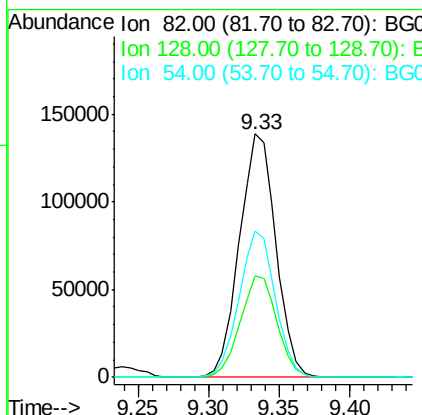
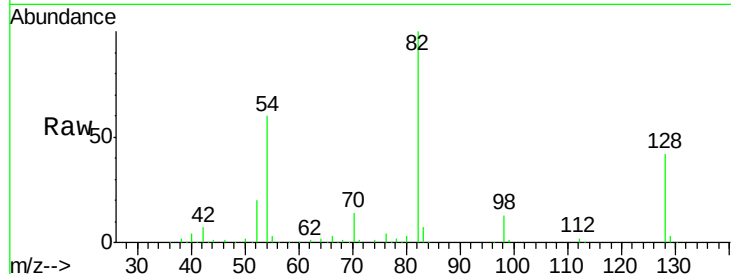
#23
 Nitrobenzene-d5
 Concen: 76.177 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	41.9	31.3	46.9
54	60.1	50.9	76.3

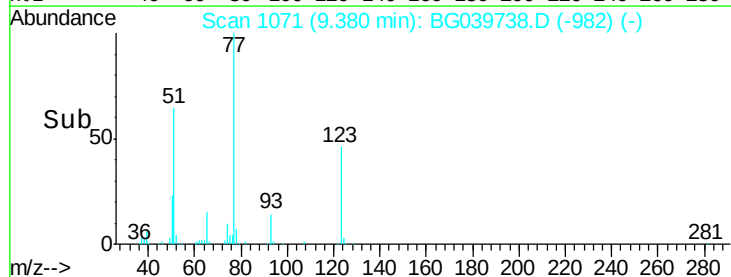
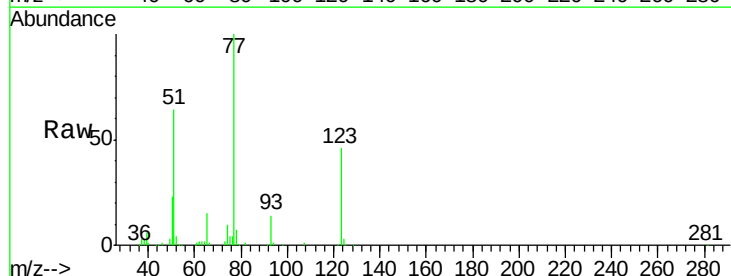
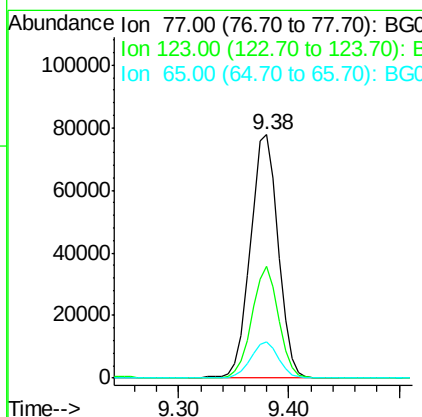
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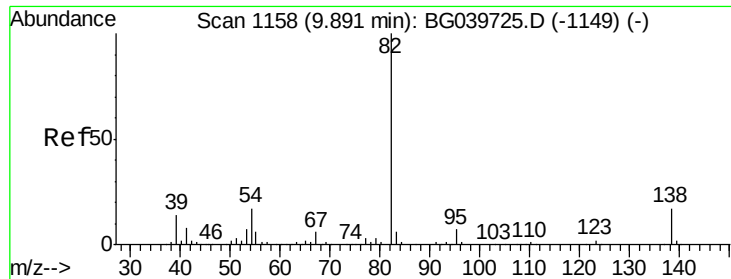
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#24
 Nitrobenzene
 Concen: 39.948 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	45.9	34.1	51.1
65	15.0	12.3	18.5





#25

Isophorone

Concen: 38.696 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

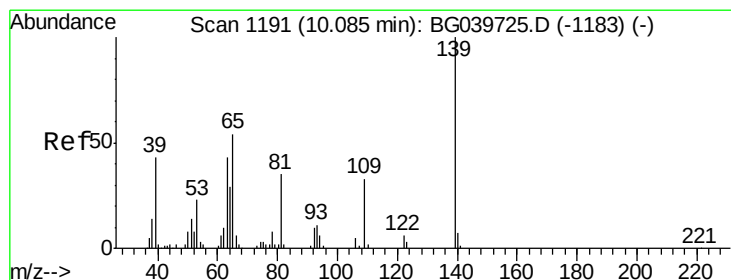
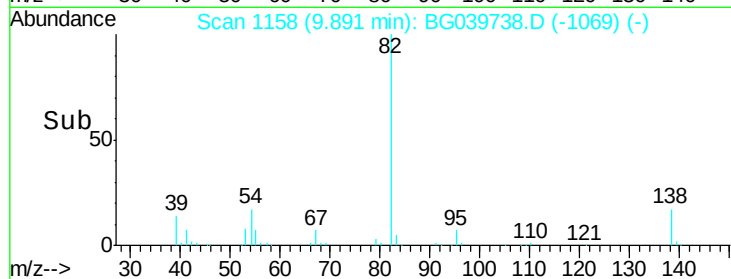
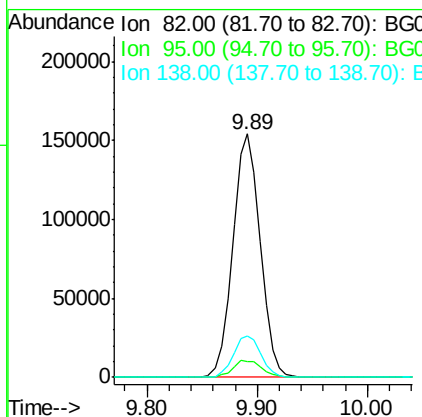
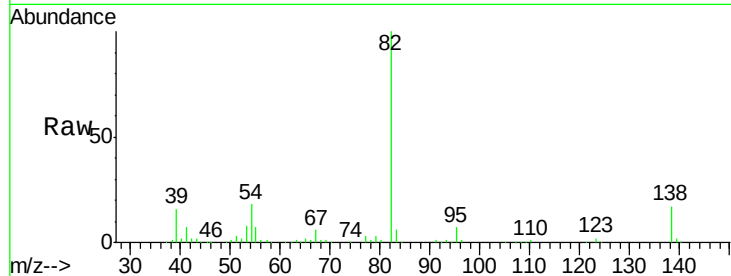
ClientSampleId :

PB117513BS

Tgt Ion:	82	Resp:	266813
Ion Ratio		Lower	Upper
82	100		
95	6.7	6.2	9.2
138	16.9	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.303 ng

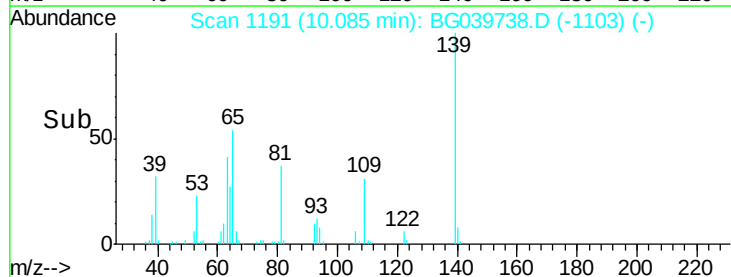
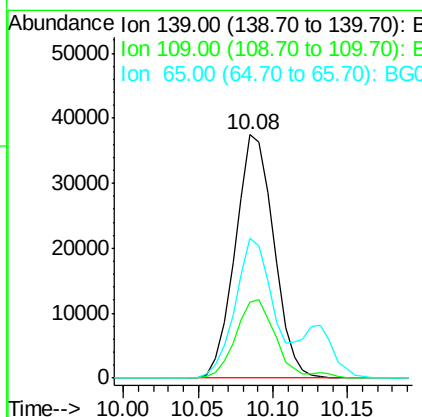
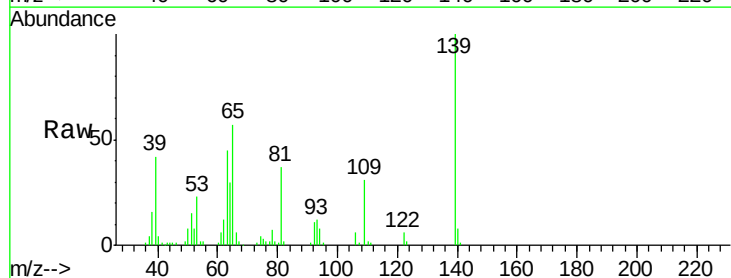
RT: 10.08 min Scan# 1191

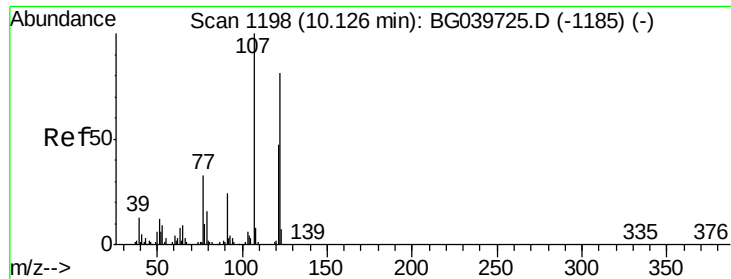
Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion:	139	Resp:	67175
Ion Ratio		Lower	Upper
139	100		
109	31.0	23.4	35.0
65	57.4	44.3	66.5





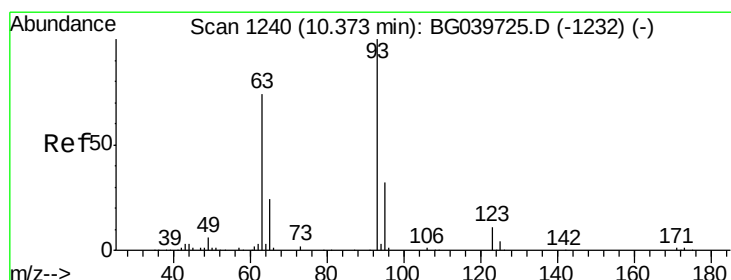
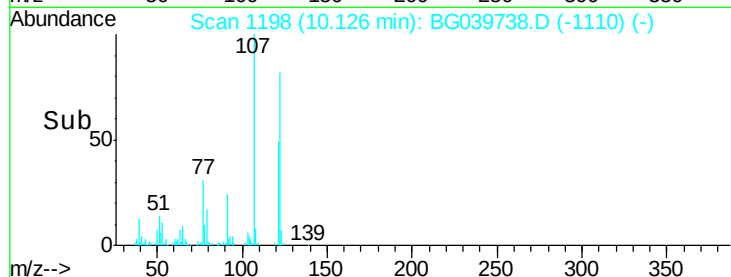
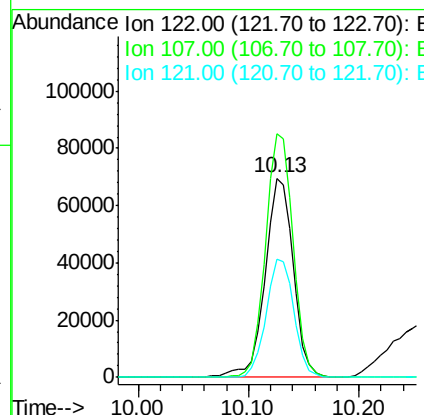
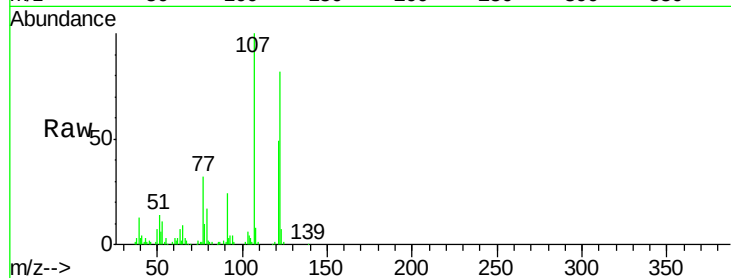
#27
2,4-Dimethylphenol
Concen: 48.207 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	124966		
107	122.1	91.7	137.5	
121	59.3	46.4	69.6	

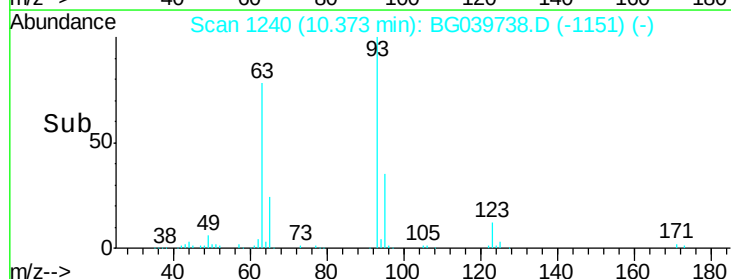
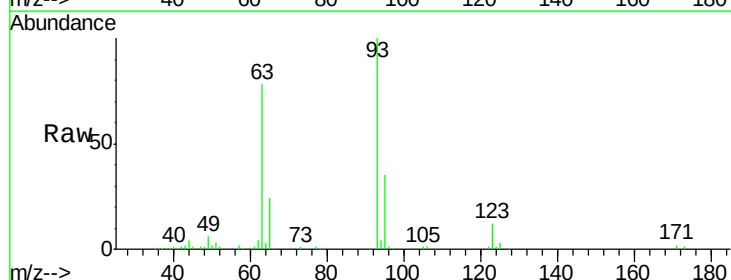
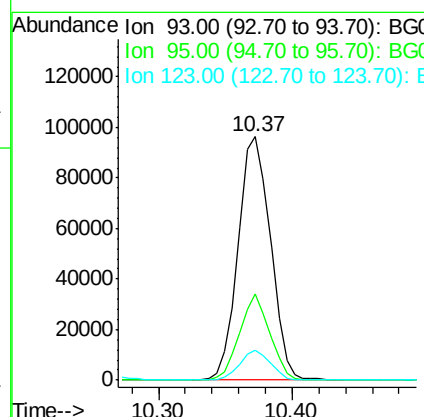
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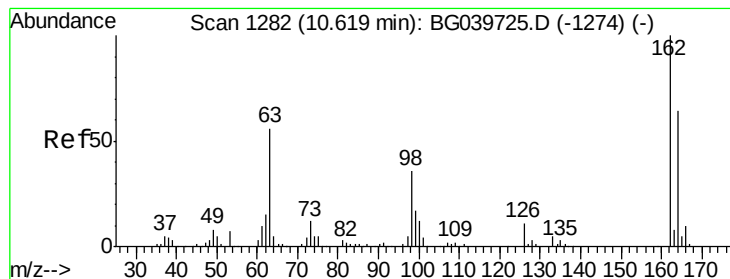
Sohil
3/5/2019 5:21:43 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.706 ng
RT: 10.37 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	162181		
95	35.3	25.0	37.4	
123	12.1	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 45.591 ng

RT: 10.62 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

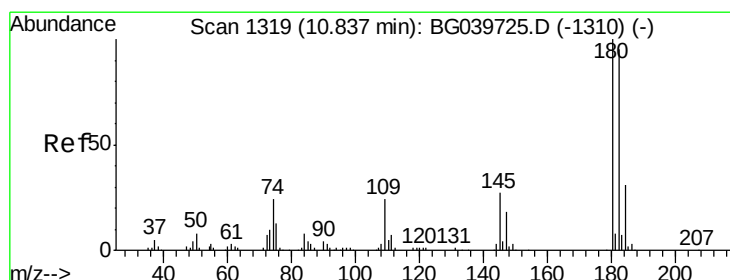
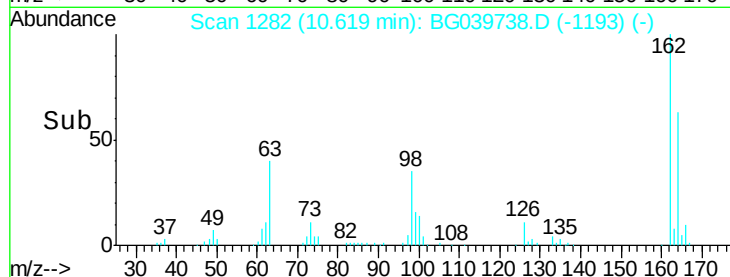
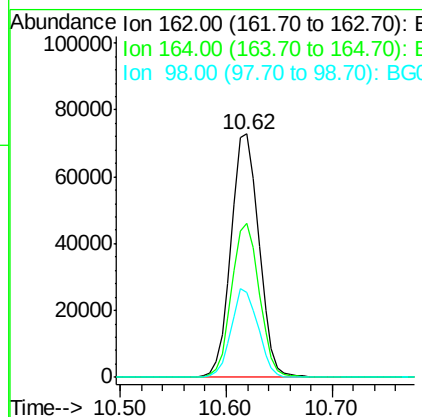
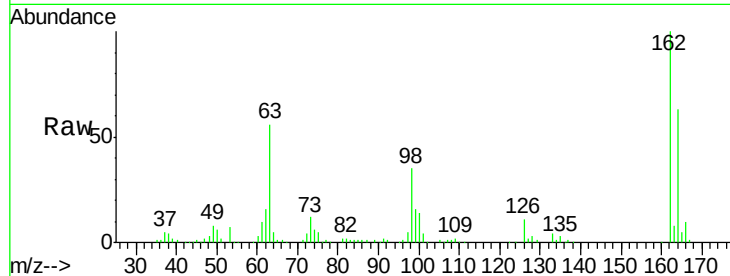
ClientSampleId :

PB117513BS

Tgt Ion:	162	Resp:	133064
Ion Ratio	Lower	Upper	
162	100		
164	63.4	48.1	88.1
98	34.8	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.346 ng

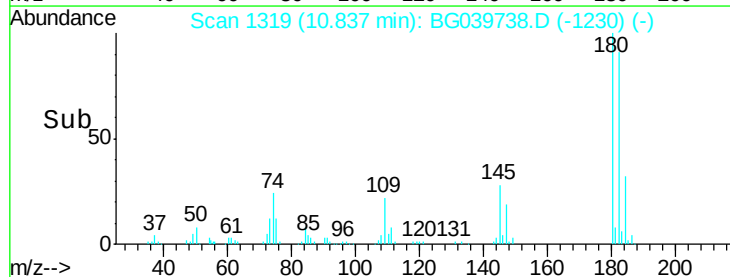
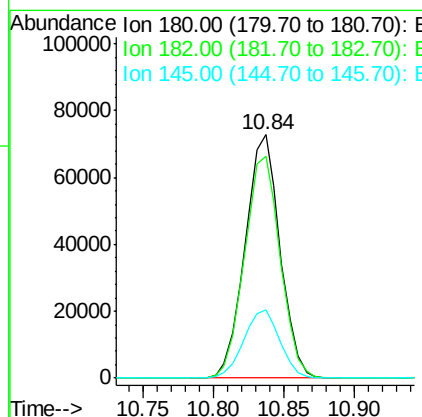
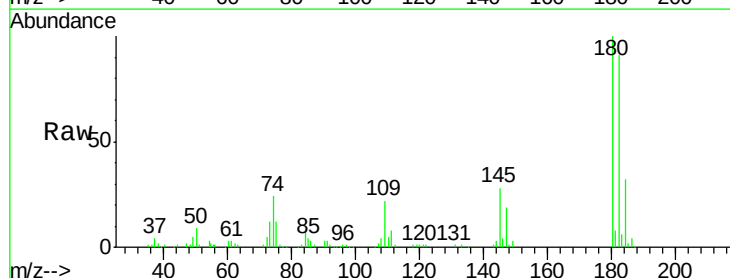
RT: 10.84 min Scan# 1319

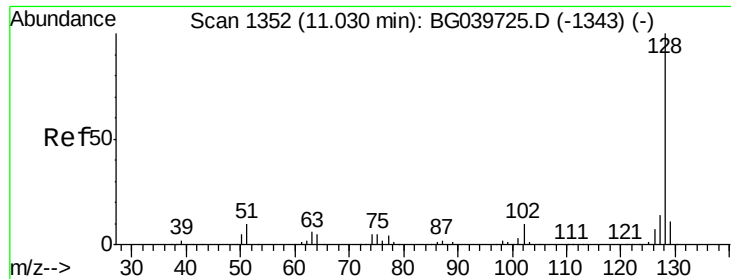
Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion:	180	Resp:	125937
Ion Ratio	Lower	Upper	
180	100		
182	91.0	76.0	114.0
145	28.0	22.7	34.1





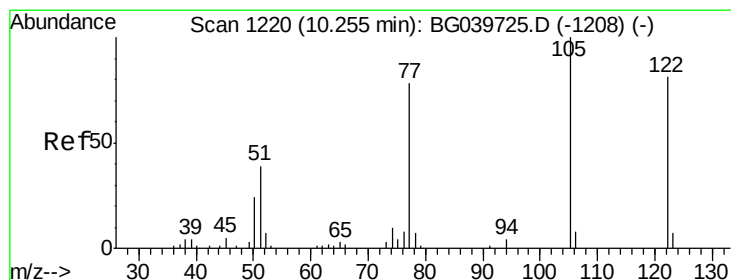
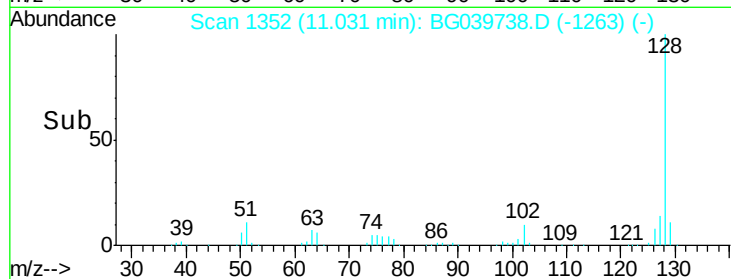
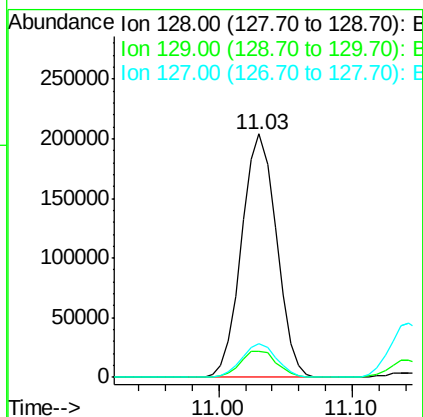
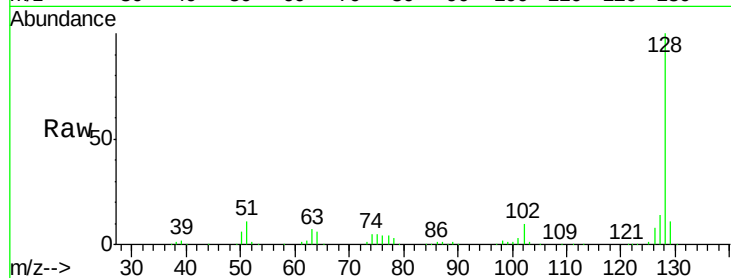
#31
Naphthalene
Concen: 39.203 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	369408		
129	10.7		8.7	13.1
127	14.0		10.8	16.2

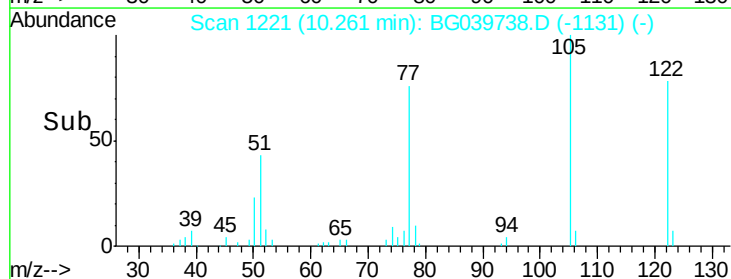
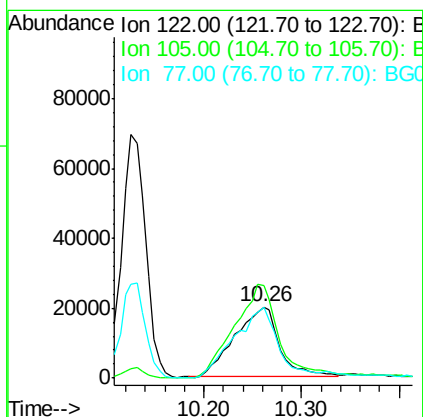
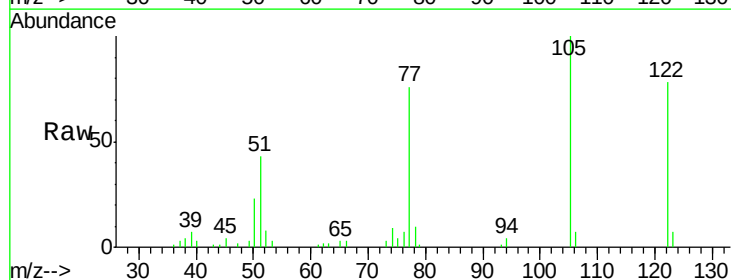
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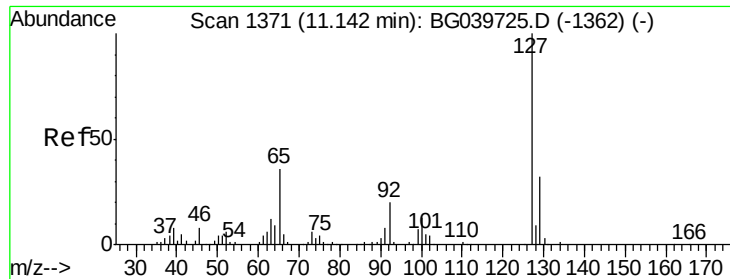
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#32
Benzoic acid
Concen: 37.844 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	64477		
105	128.8		101.8	141.8
77	98.4		76.3	116.3





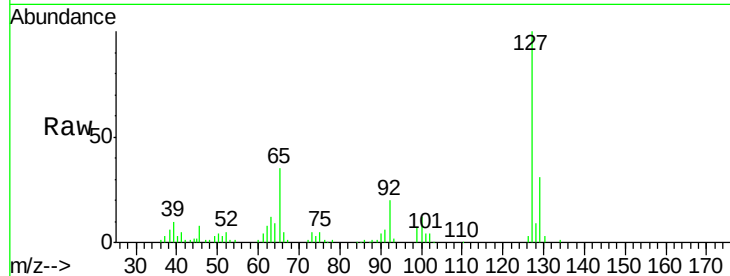
#33
4-Chloroaniline
Concen: 21.292 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

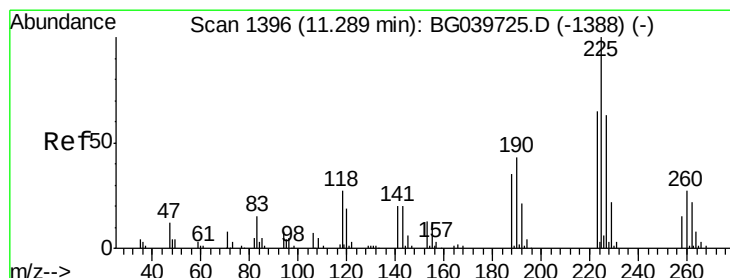
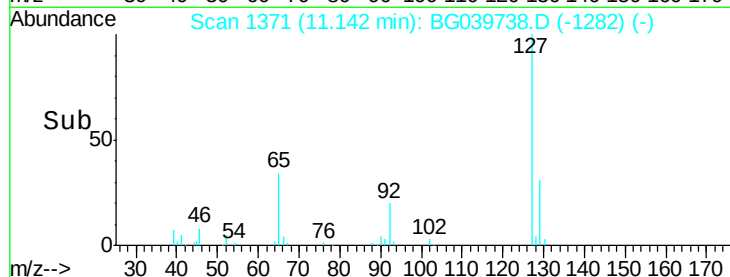
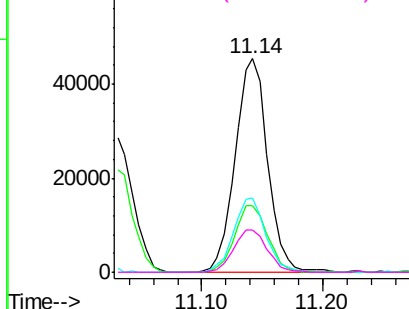
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	85076		
129	31.2	27.0	40.4	
65	34.6	28.8	43.2	
92	19.8	16.6	25.0	

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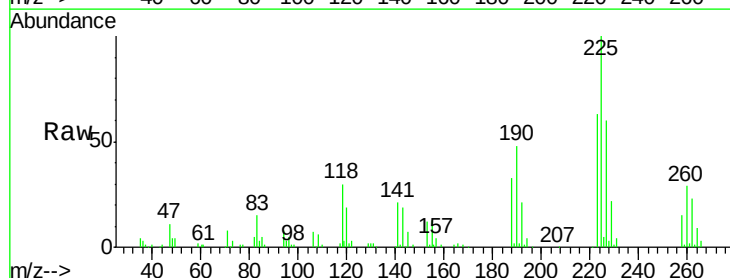


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

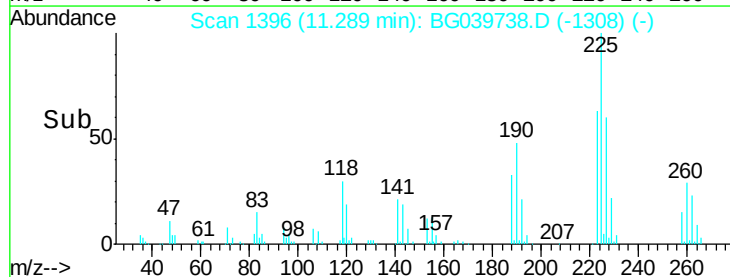
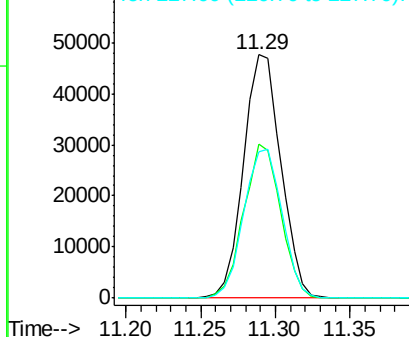


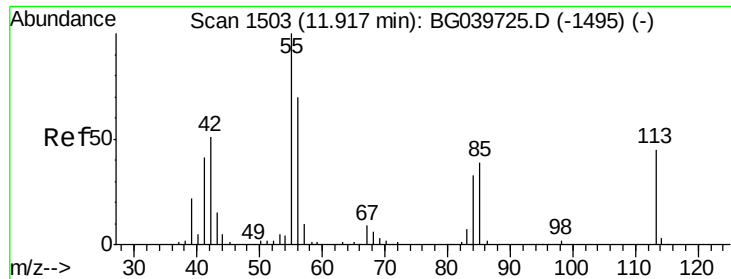
#34
Hexachlorobutadiene
Concen: 36.756 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	82489		
223	63.1	49.0	73.6	
227	60.1	46.3	69.5	



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





#35

Caprolactam

Concen: 40.989 ng m

RT: 11.92 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

Tgt Ion:113 Resp: 45699

Ion Ratio Lower Upper

113 100

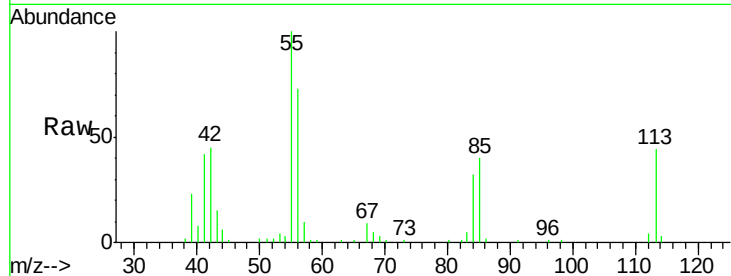
55 228.5 216.9 256.9

56 166.6 152.6 192.6

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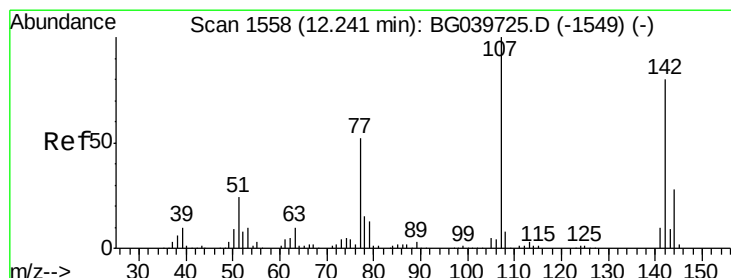
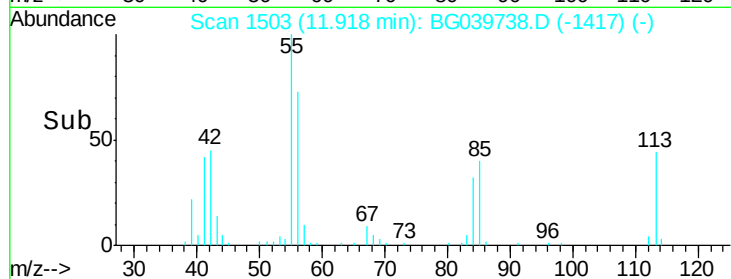
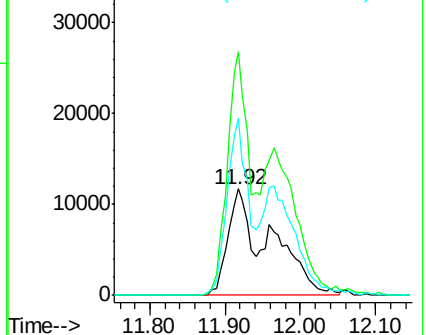
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039725.D (-1495) (-)

Ion 56.00 (55.70 to 56.70): BG039725.D (-1495) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.100 ng

RT: 12.24 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

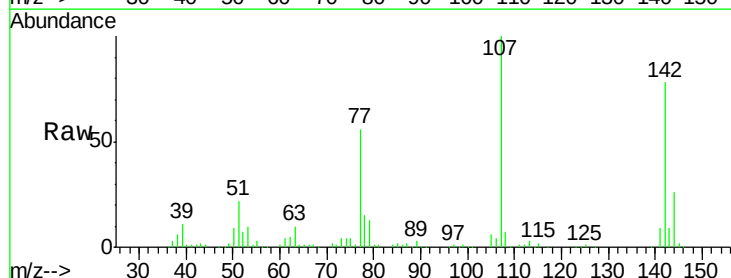
Tgt Ion:107 Resp: 144199

Ion Ratio Lower Upper

107 100

144 25.7 20.2 30.2

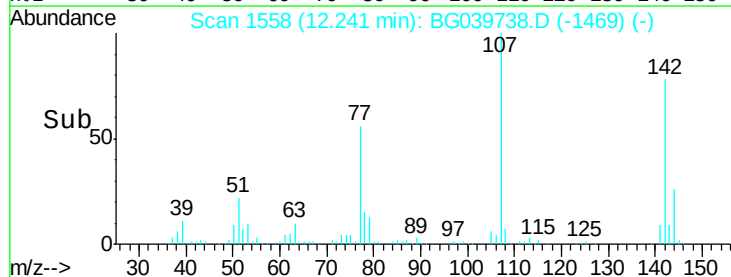
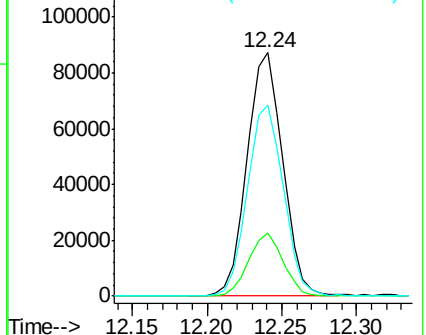
142 78.4 61.4 92.2

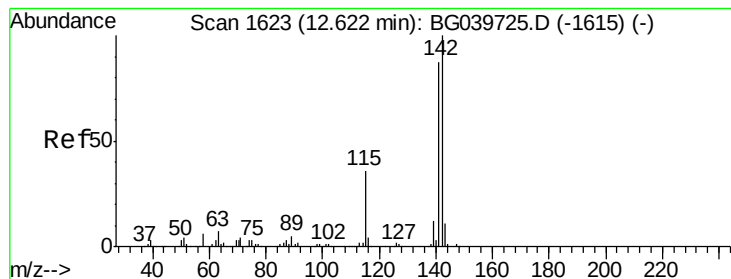


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





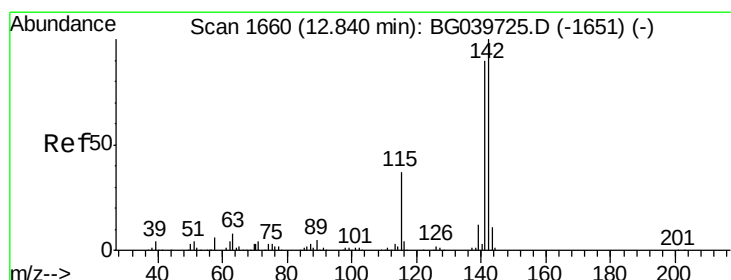
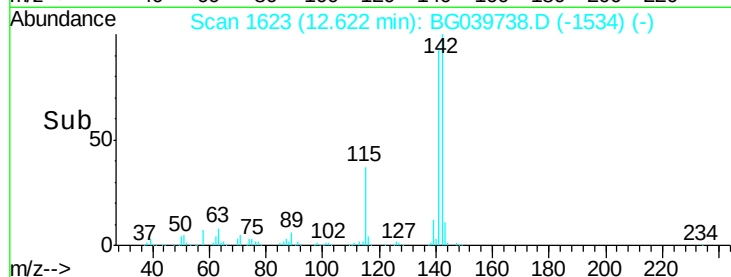
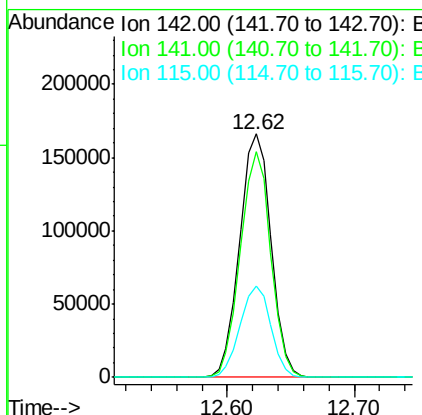
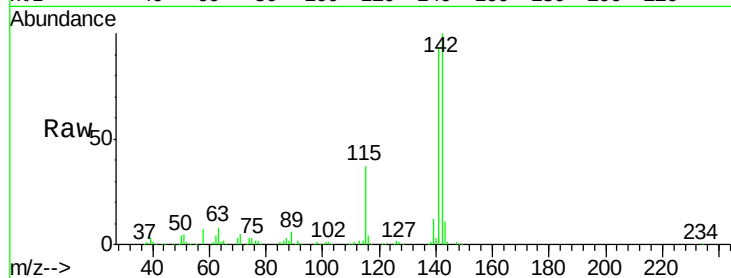
#37
 2-Methylnaphthalene
 Concen: 40.482 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	285193		
141	92.8	73.5	110.3	
115	37.4	30.8	46.2	

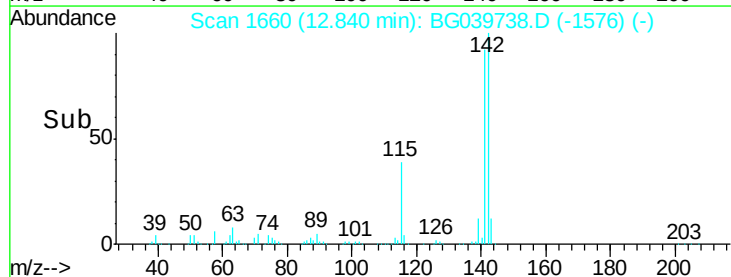
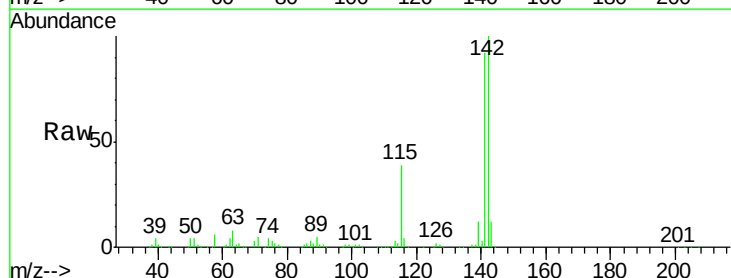
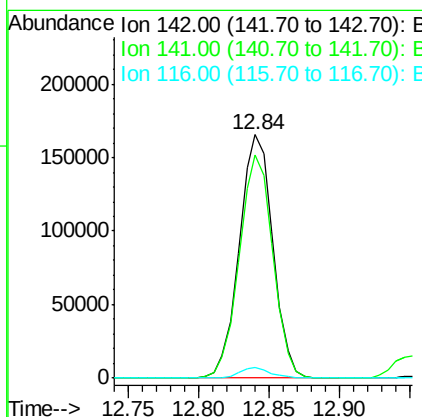
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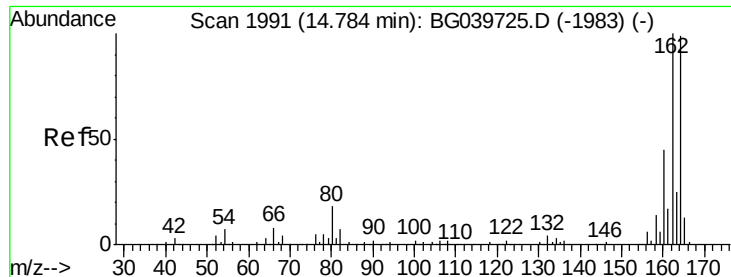
Sohil
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#38
 1-Methylnaphthalene
 Concen: 39.943 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	273462		
141	91.8	74.2	111.4	
116	4.4	3.0	4.6	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

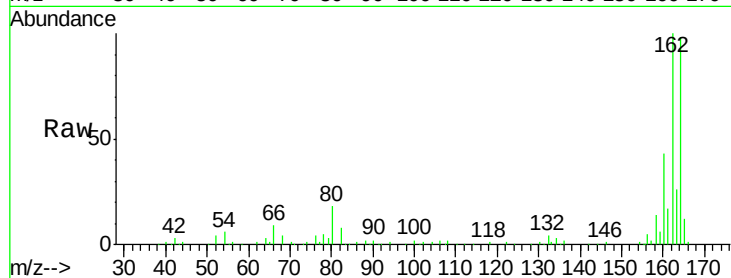
ClientSampleId :

PB117513BS

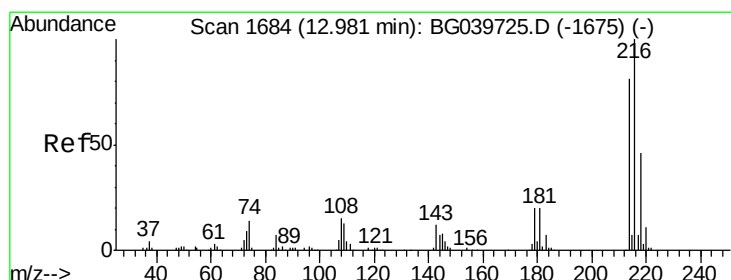
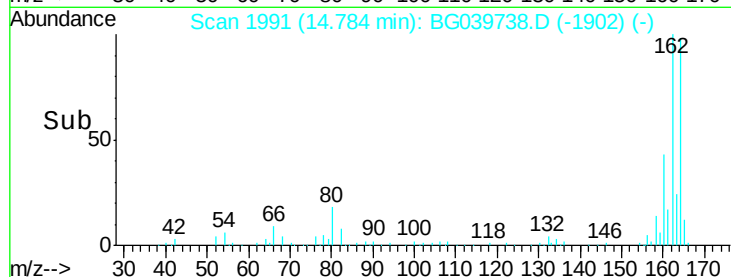
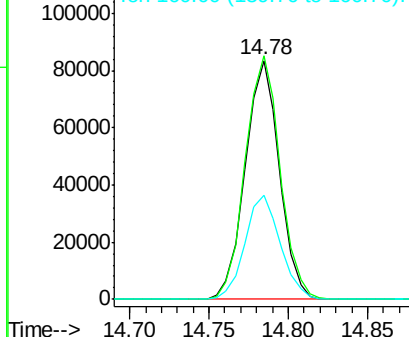
Tgt Ion:	164	Resp:	124333
Ion Ratio	Lower	Upper	
164	100		
162	102.0	81.6	122.4
160	43.6	34.2	51.2

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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: 37.055 ng

RT: 12.98 min Scan# 1684

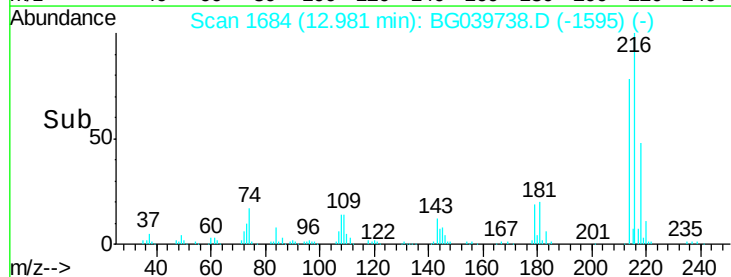
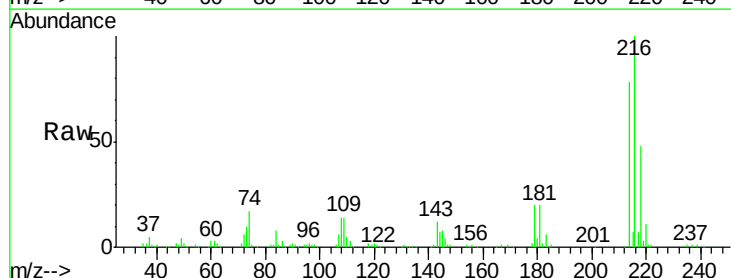
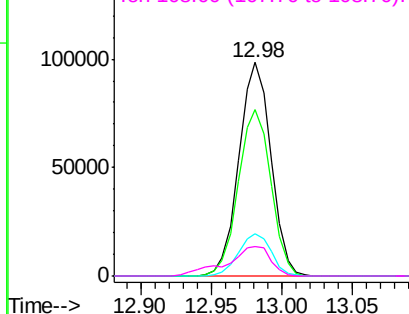
Delta R.T. -0.01 min

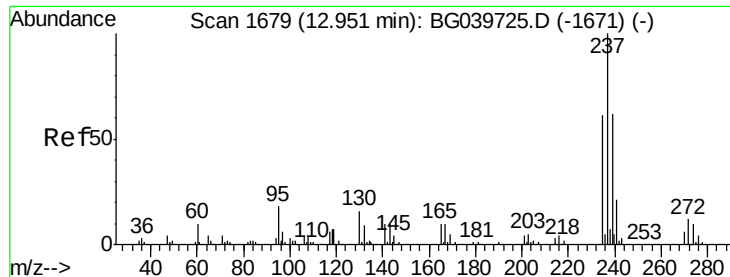
Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion:	216	Resp:	156080
Ion Ratio	Lower	Upper	
216	100		
214	79.3	62.6	94.0
179	19.8	16.6	25.0
108	18.7	14.0	21.0

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: 95.591 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

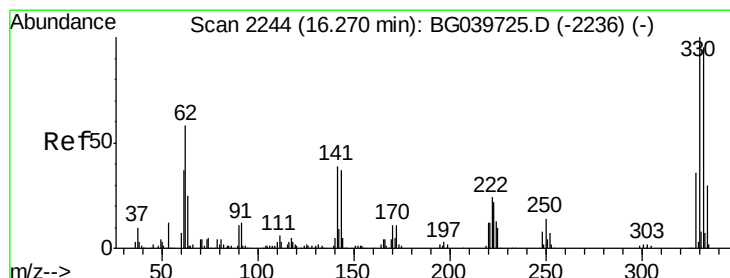
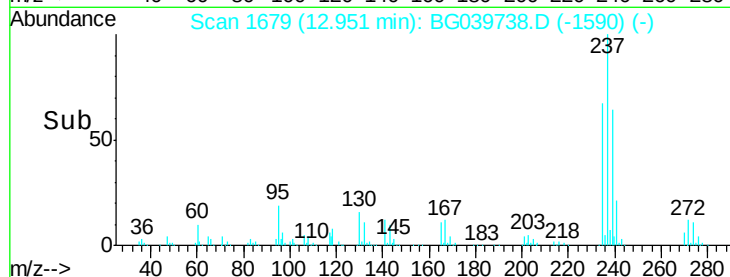
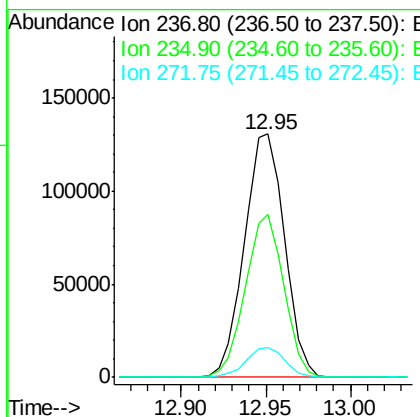
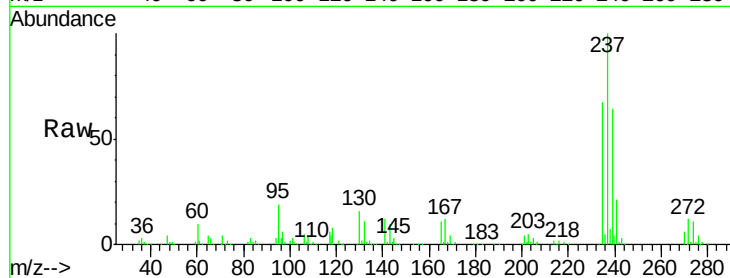
ClientSampleId :

PB117513BS

Tgt Ion:	237	Resp:	215775
Ion Ratio	Lower	Upper	
237	100		
235	67.2	43.3	83.3
272	12.4	0.0	32.3

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#42

2,4,6-Tribromophenol

Concen: 134.139 ng

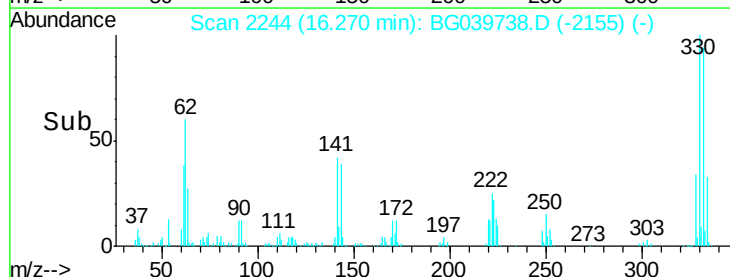
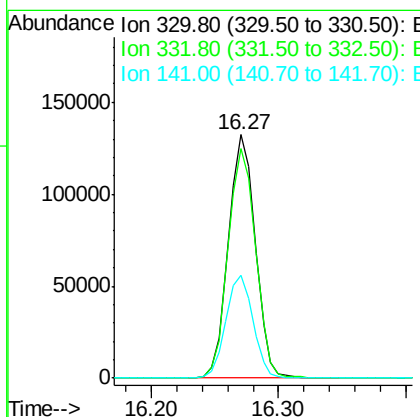
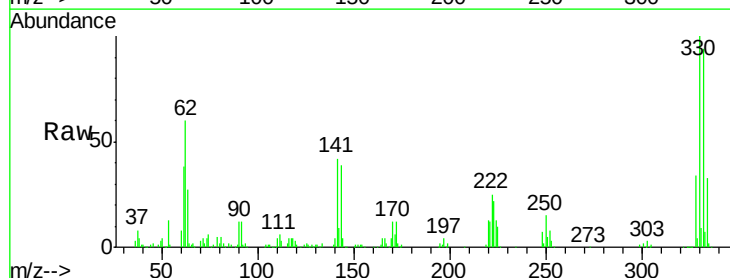
RT: 16.27 min Scan# 2244

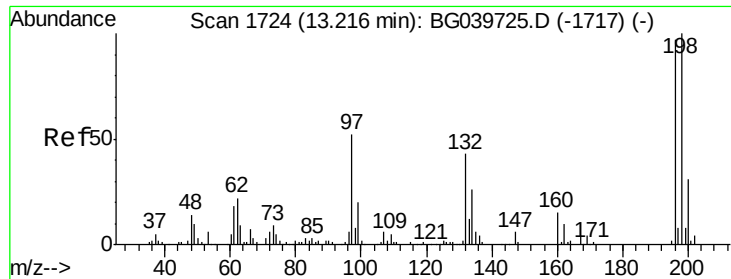
Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion:	330	Resp:	194394
Ion Ratio	Lower	Upper	
330	100		
332	96.2	75.7	113.5
141	42.6	35.6	53.4





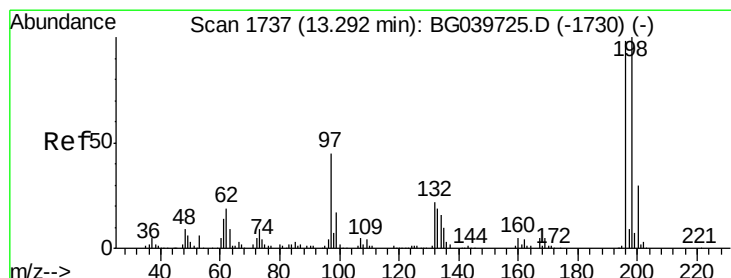
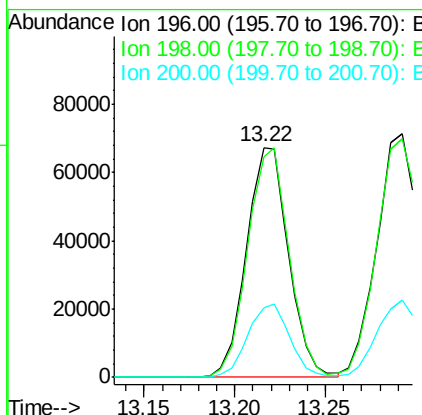
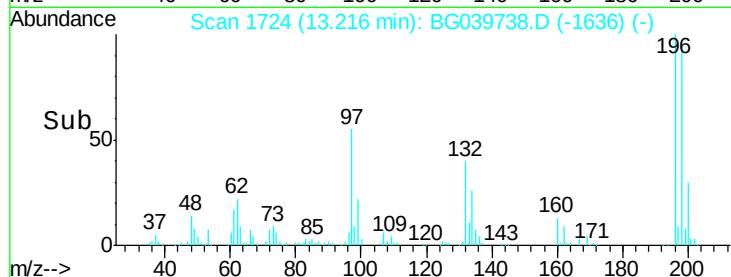
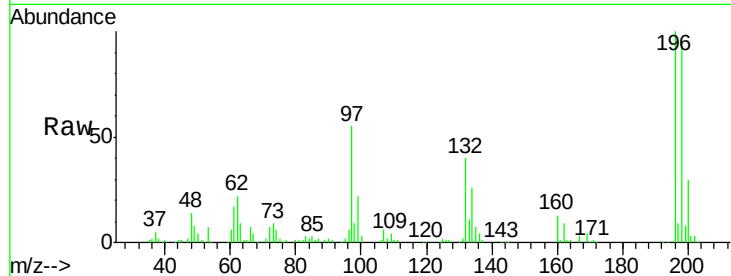
#43
 2,4,6-Trichlorophenol
 Concen: 44.390 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampled :
 PB117513BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109465		
198	96.2	80.6	121.0	
200	30.5	26.1	39.1	

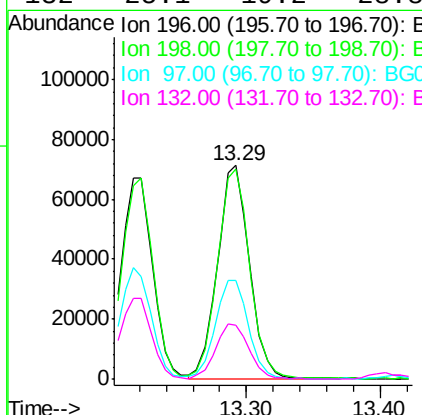
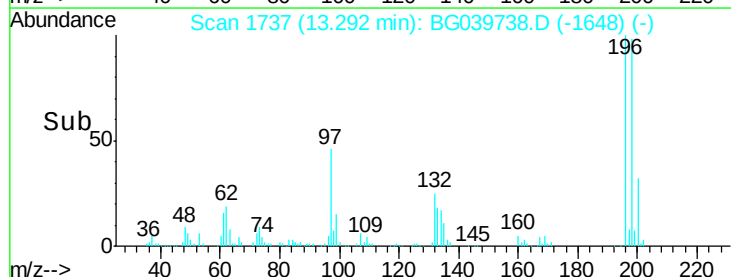
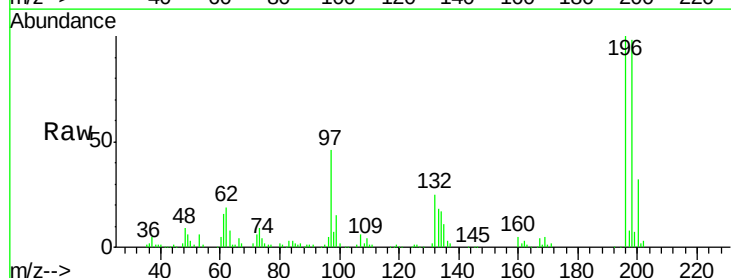
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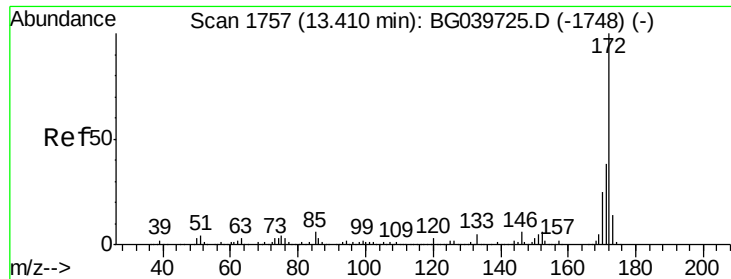
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 43.040 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	119635		
198	98.1	78.5	117.7	
97	45.9	38.4	57.6	
132	25.1	19.2	28.8	





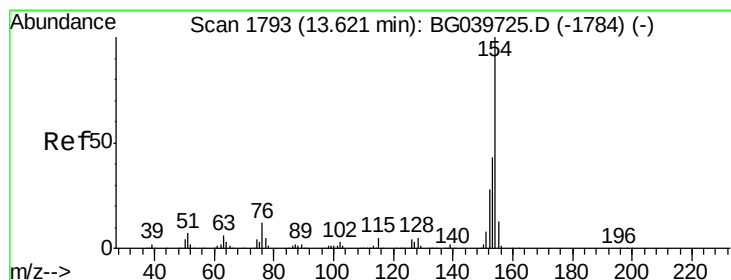
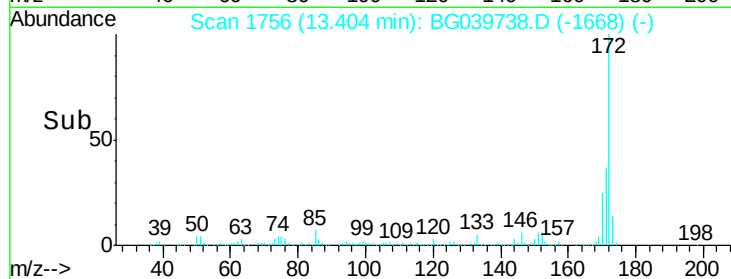
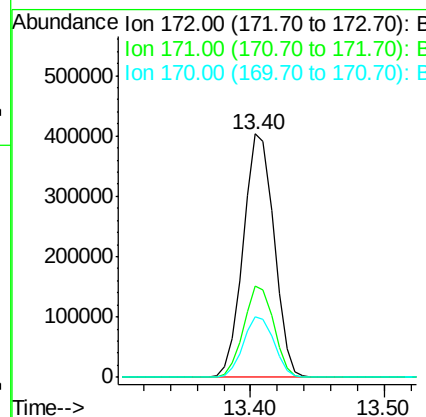
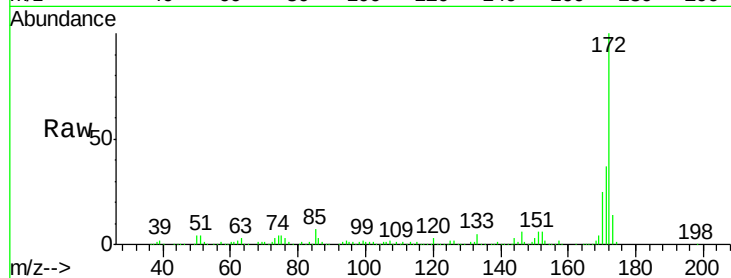
#45
2-Fluorobiphenyl
Concen: 73.162 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	24.7	20.2	30.4

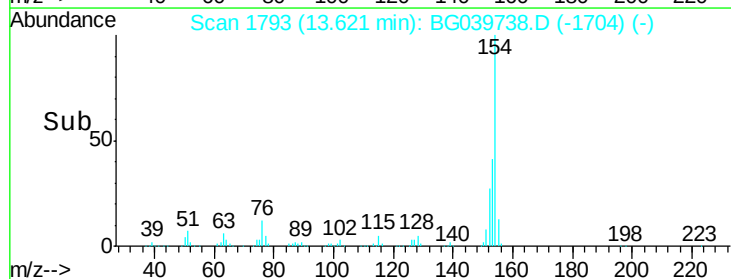
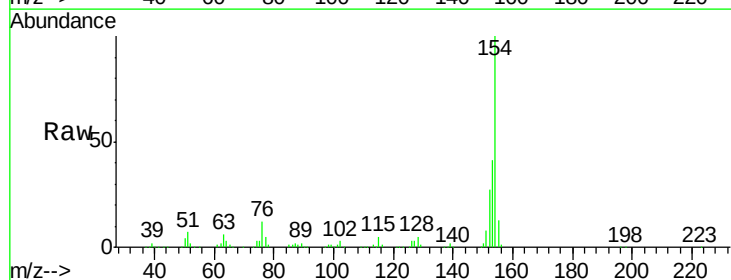
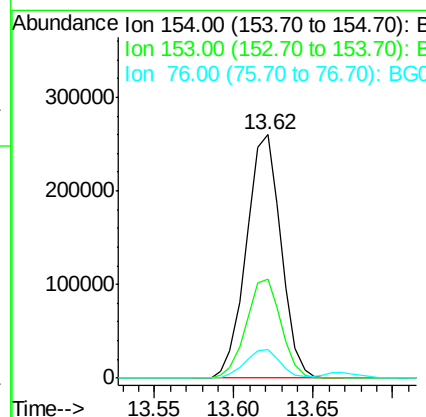
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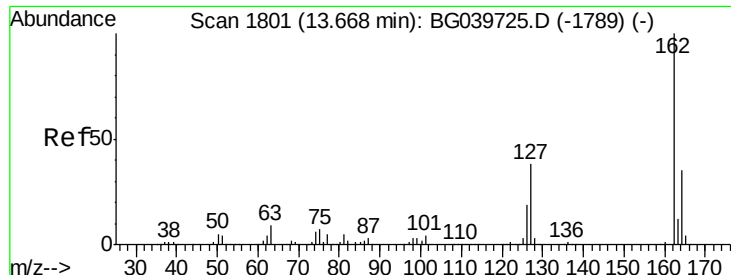
Sohil
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#46
1,1'-Biphenyl
Concen: 38.497 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.1	62.1
76	11.9	0.0	32.4





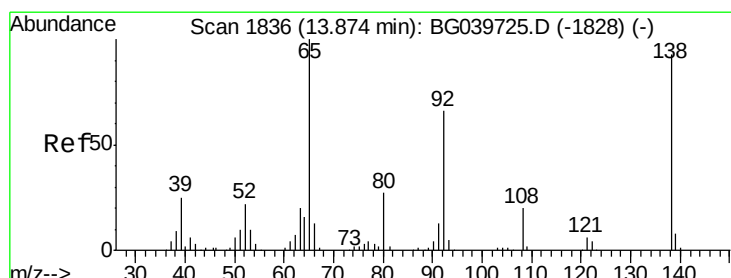
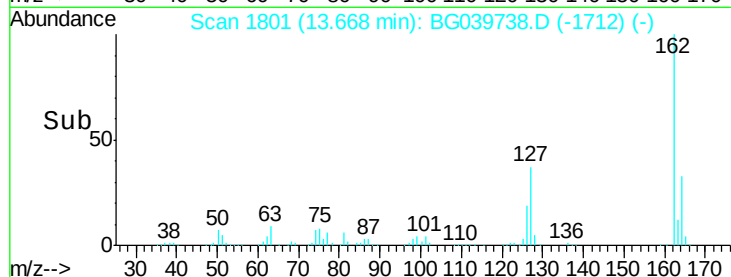
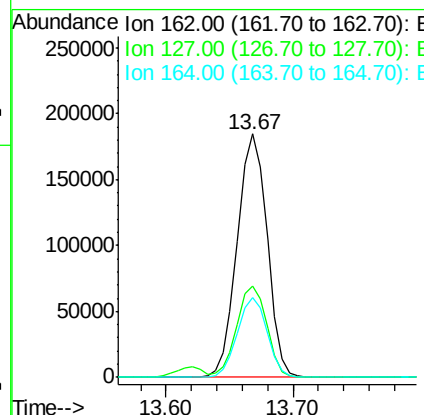
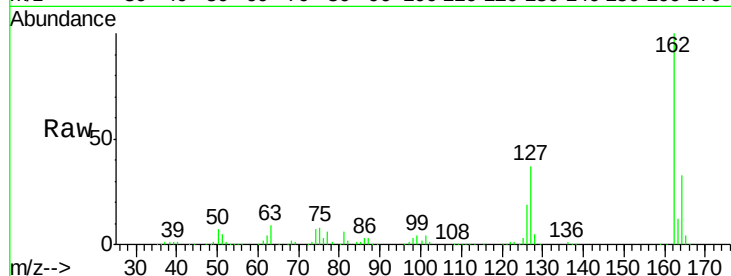
#47
 2-Chloronaphthalene
 Concen: 39.064 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	300524		
127	37.3		31.0	46.6
164	32.5		25.7	38.5

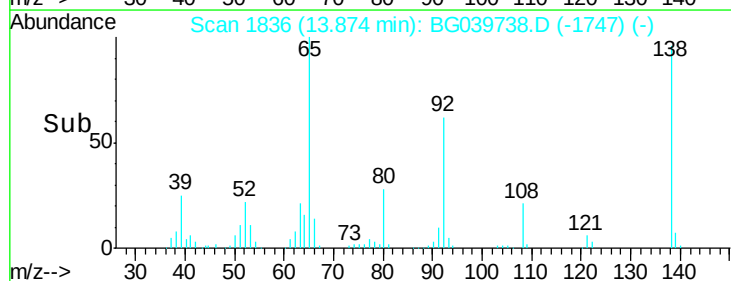
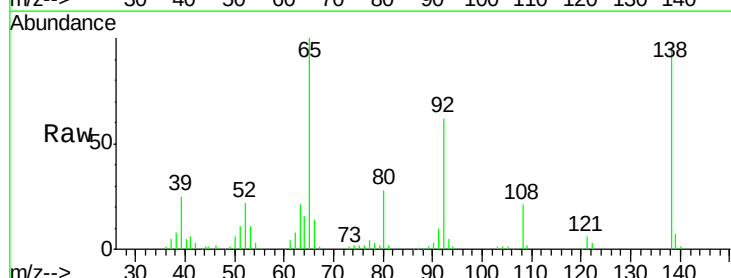
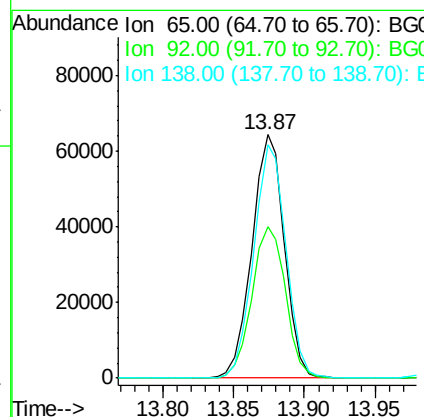
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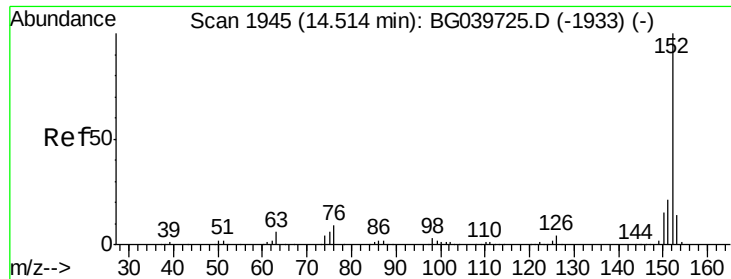
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#48
 2-Nitroaniline
 Concen: 42.111 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	104113		
92	62.2		51.4	77.2
138	95.8		71.4	107.2





#49

Acenaphthylene

Concen: 38.898 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

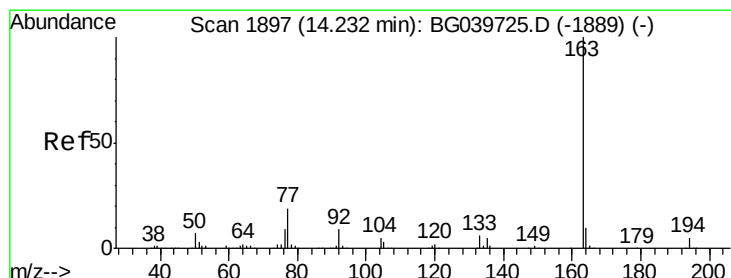
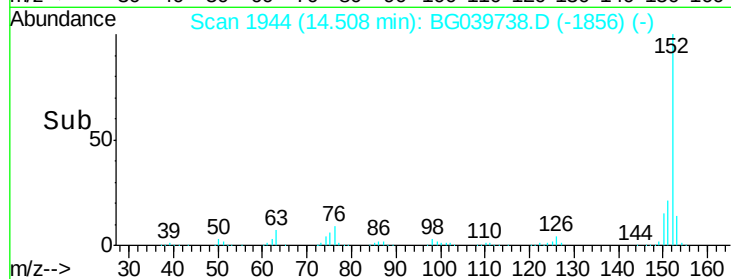
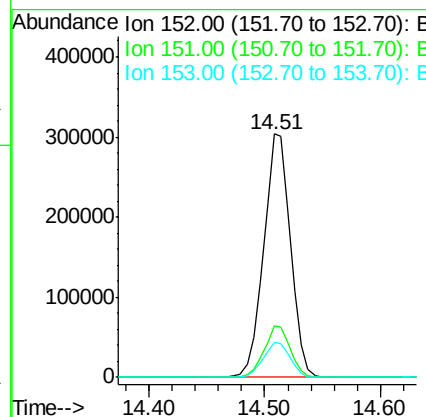
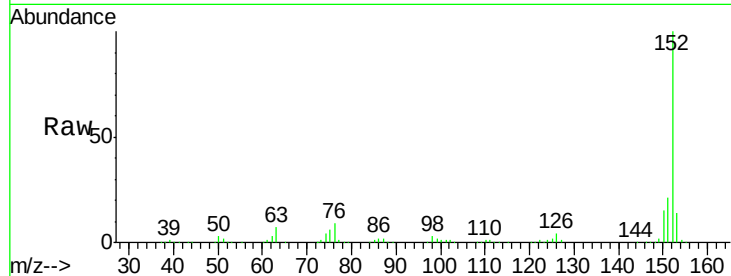
ClientSampleId :

PB117513BS

Tgt Ion:	152	Resp:	491242
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.8	25.2
153	14.3	11.7	17.5

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#50

Dimethylphthalate

Concen: 39.733 ng

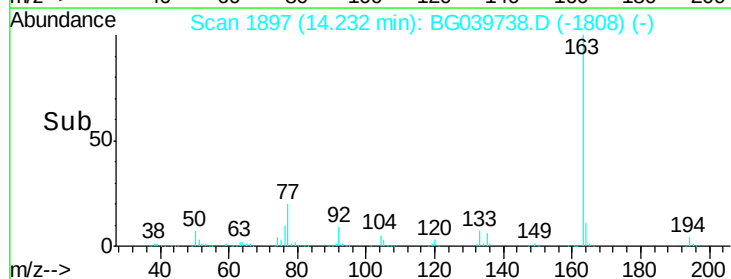
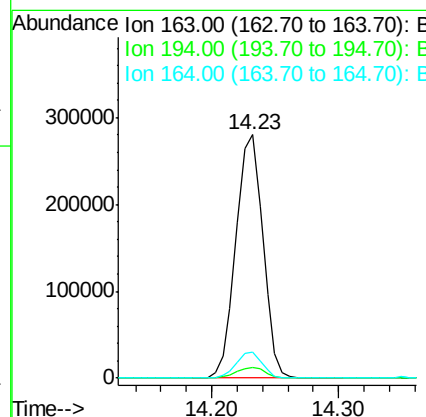
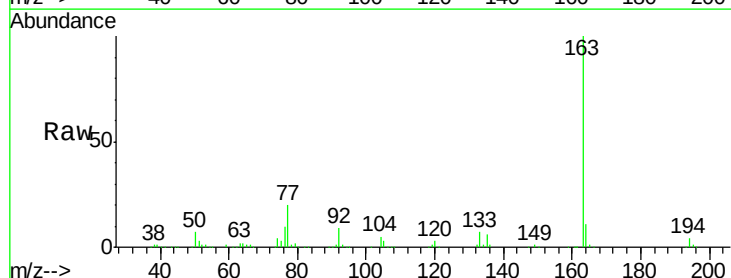
RT: 14.23 min Scan# 1897

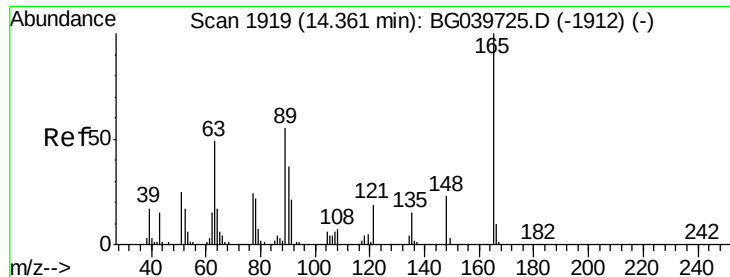
Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion:	163	Resp:	413086
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.9	8.4	12.6





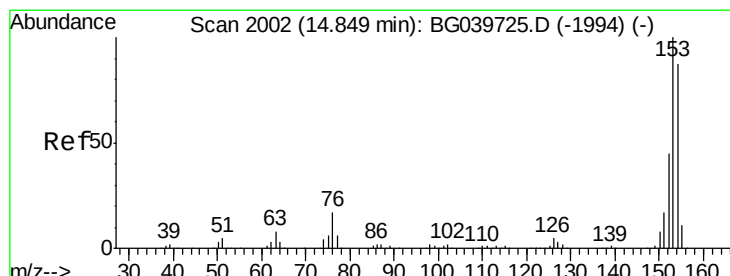
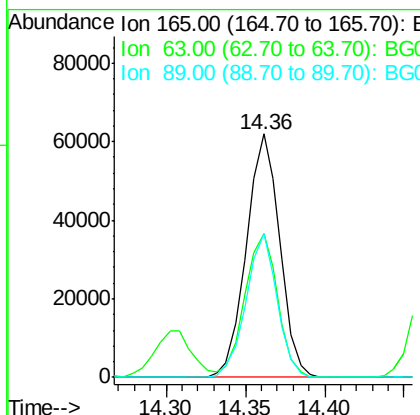
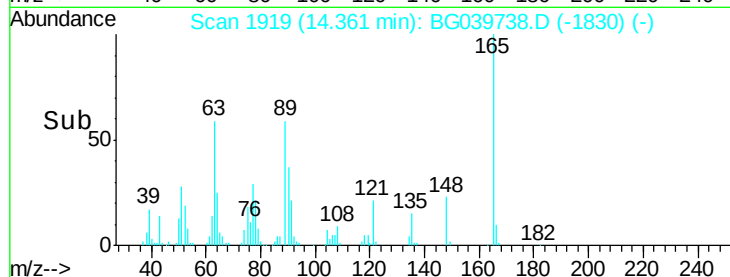
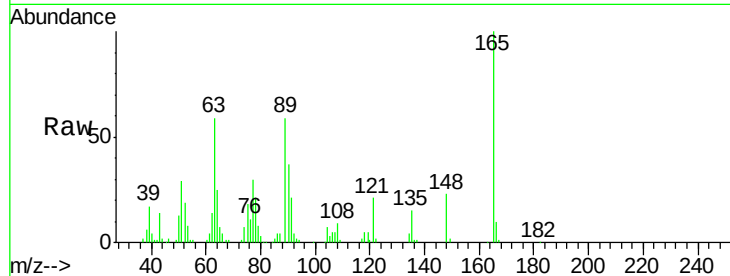
#51
2,6-Dinitrotoluene
Concen: 41.097 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	90580		
63	58.9	47.0	70.6	
89	59.3	45.8	68.8	

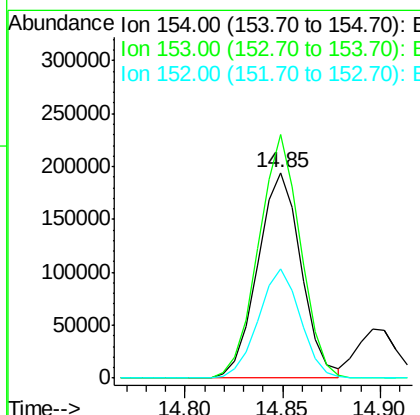
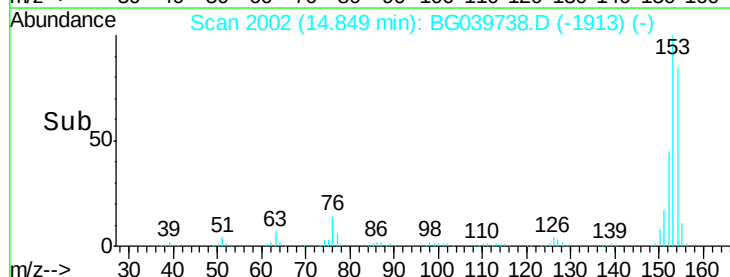
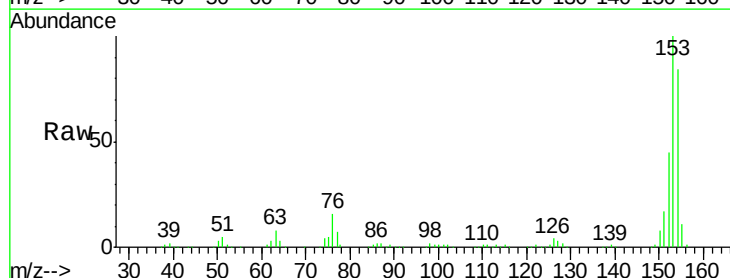
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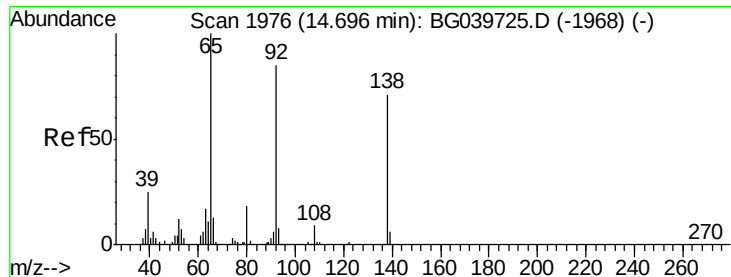
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#52
Acenaphthene
Concen: 39.473 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	300038		
153	118.4	90.1	135.1	
152	53.0	40.9	61.3	





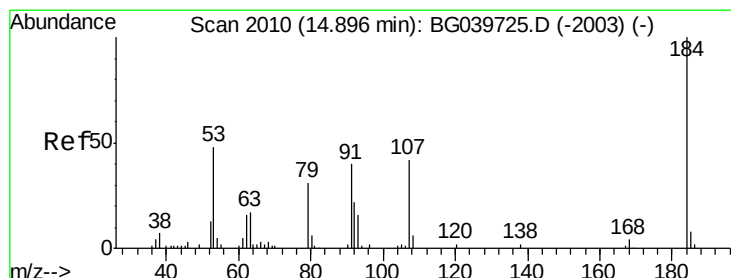
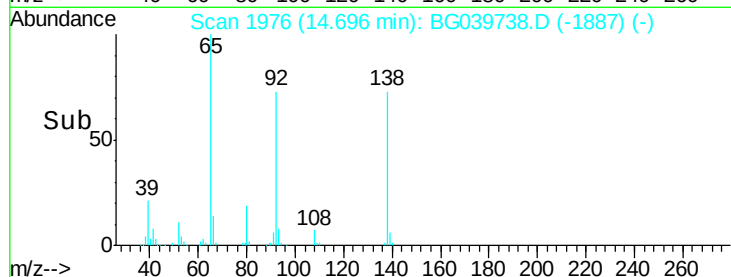
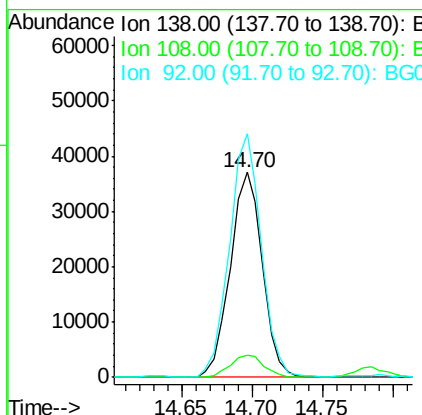
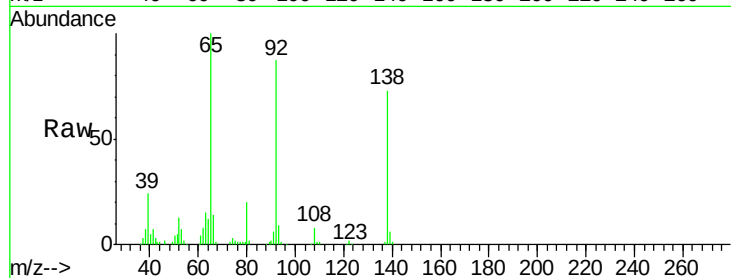
#53
3-Nitroaniline
Concen: 26.418 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion:138 Resp: 58529
Ion Ratio Lower Upper
138 100
108 10.6 13.8 20.8#
92 119.0 103.7 155.5

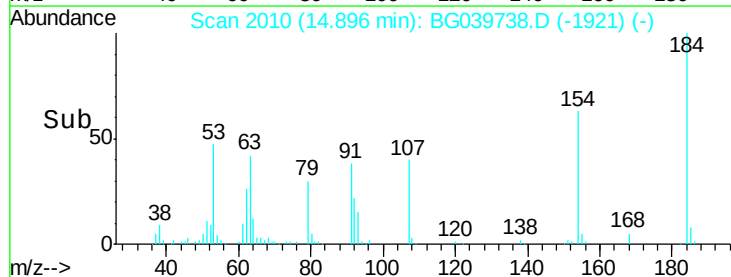
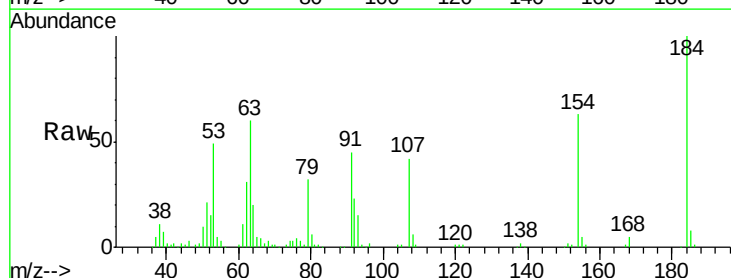
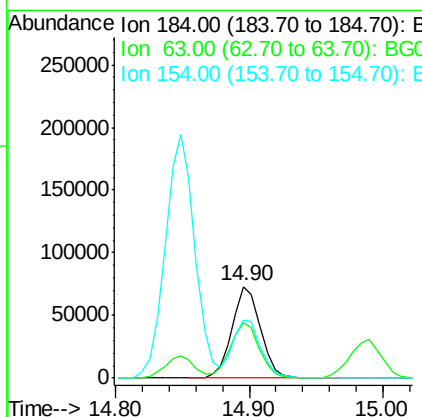
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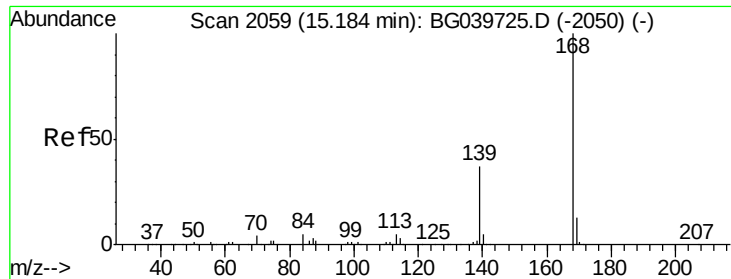
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#54
2,4-Dinitrophenol
Concen: 78.555 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion:184 Resp: 109045
Ion Ratio Lower Upper
184 100
63 60.3 50.9 76.3
154 62.8 53.0 79.6





#55

Dibenzofuran

Concen: 39.142 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

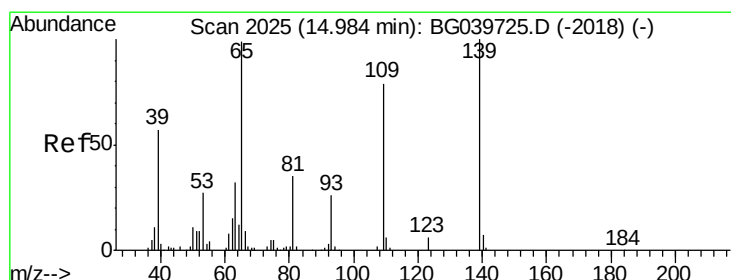
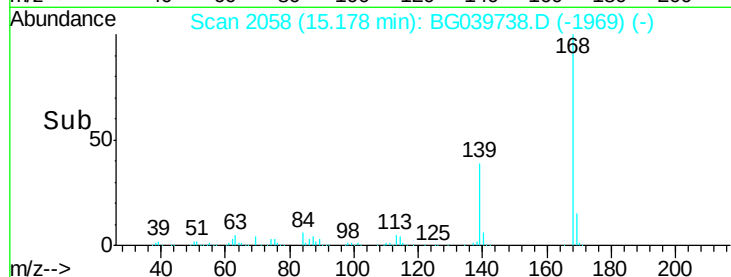
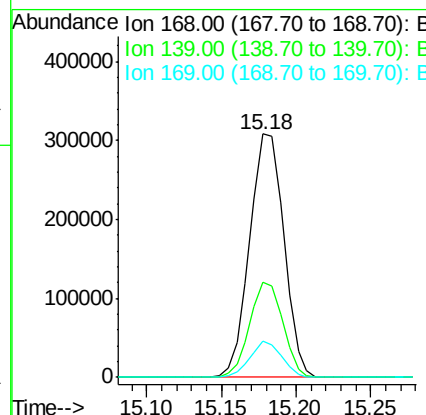
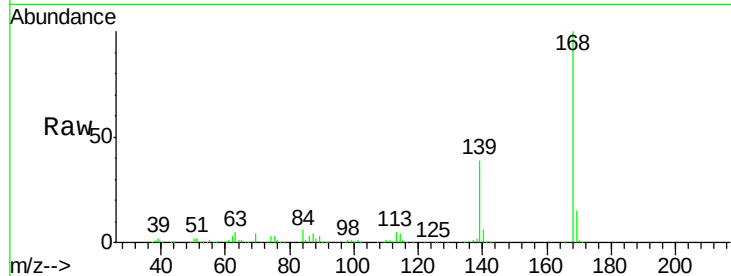
ClientSampleId :

PB117513BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	488147		
139	39.2	30.1	45.1	
169	14.7	10.6	16.0	

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#56

4-Nitrophenol

Concen: 82.560 ng

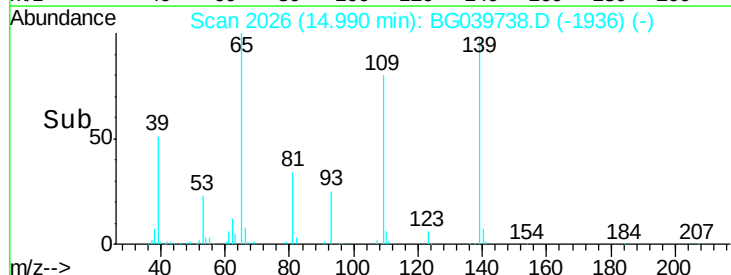
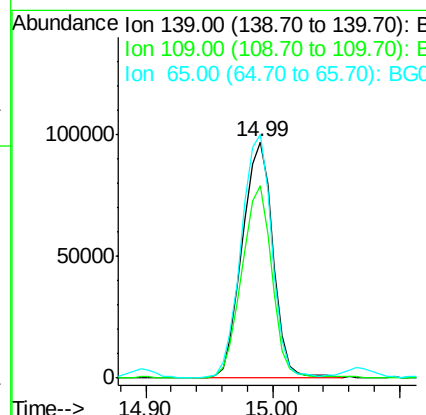
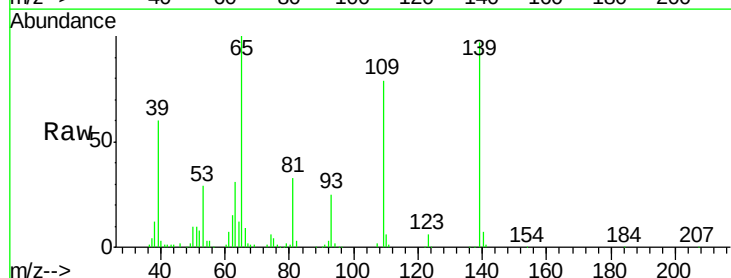
RT: 14.99 min Scan# 2026

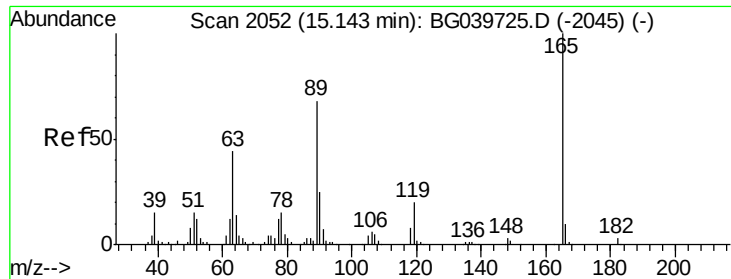
Delta R.T. -0.00 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	163629		
109	81.3	61.9	101.9	
65	103.1	99.1	139.1	





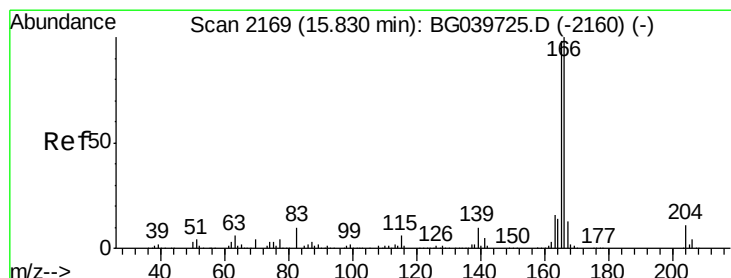
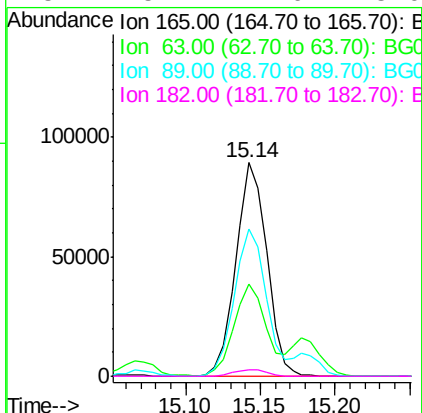
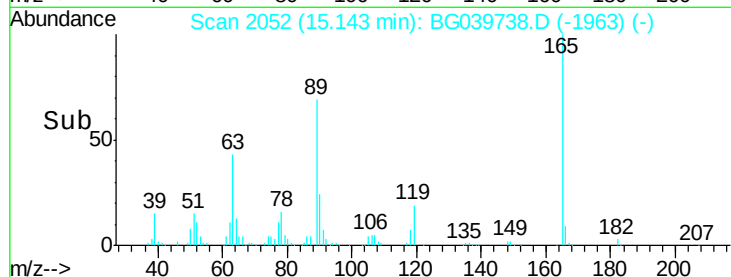
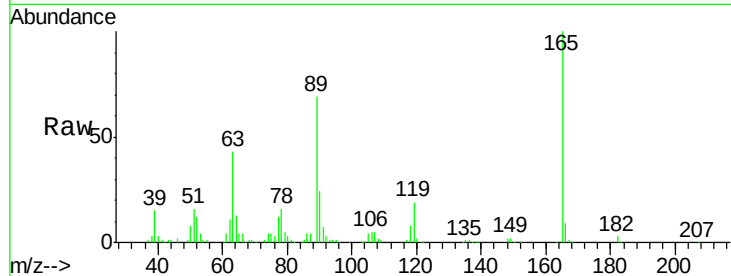
#57
2,4-Dinitrotoluene
Concen: 41.672 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	129055		
63	43.3	41.0	61.6	
89	68.9	64.6	96.8	
182	3.2	2.0	3.0#	

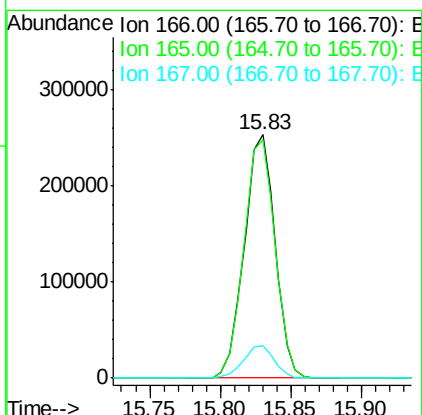
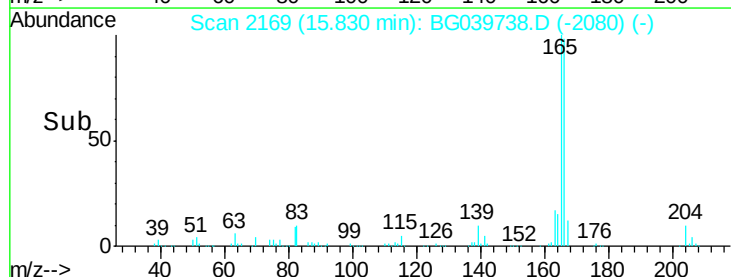
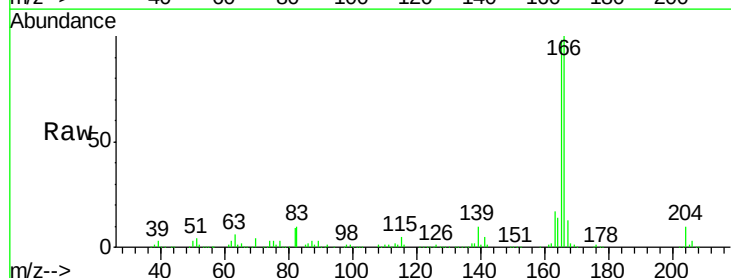
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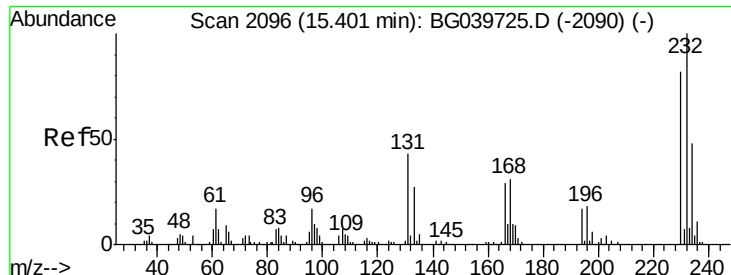
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#58
Fluorene
Concen: 39.491 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	387165		
165	98.0	77.9	116.9	
167	13.3	10.8	16.2	





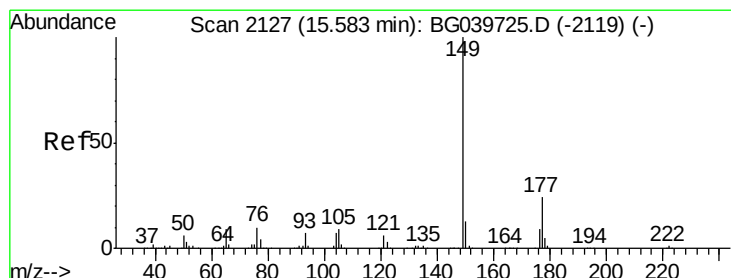
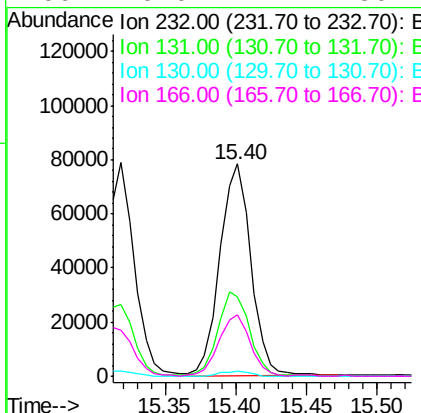
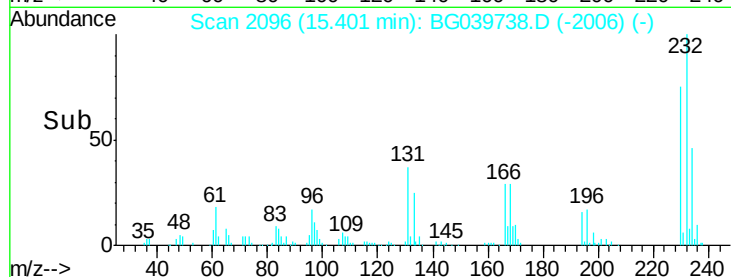
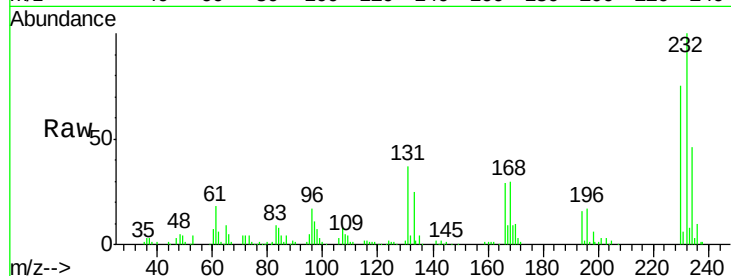
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.972 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	119369		
131	41.0	34.9	52.3	
130	2.3	2.0	3.0	
166	29.0	24.1	36.1	

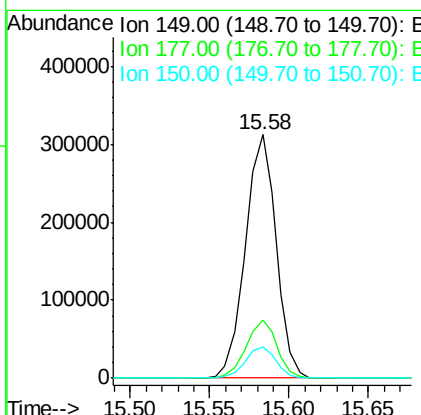
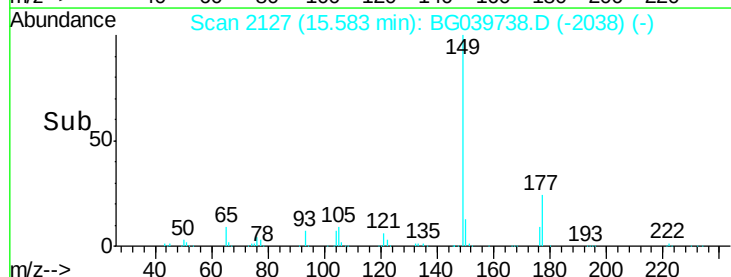
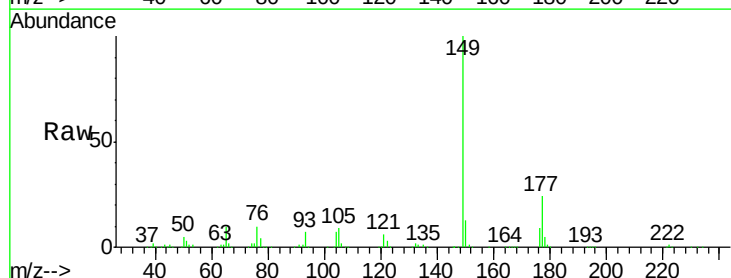
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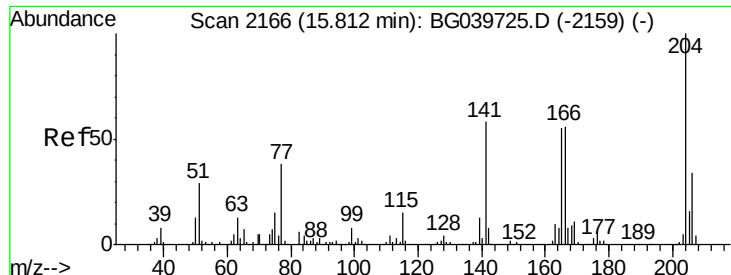
Sohil
 3/5/2019 5:21:43 PM



#60
 Diethylphthalate
 Concen: 40.724 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	419124		
177	23.9	18.3	27.5	
150	12.7	10.2	15.2	





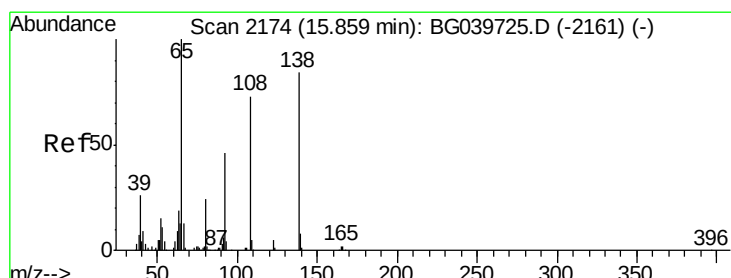
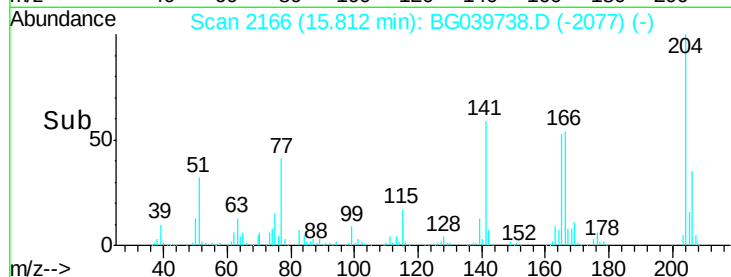
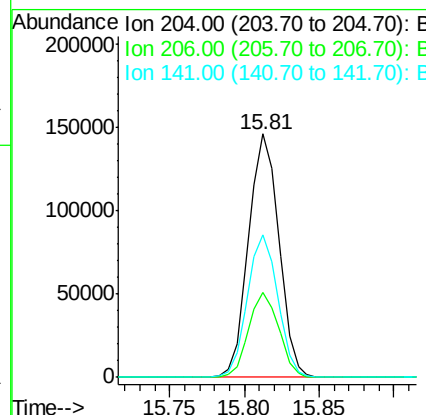
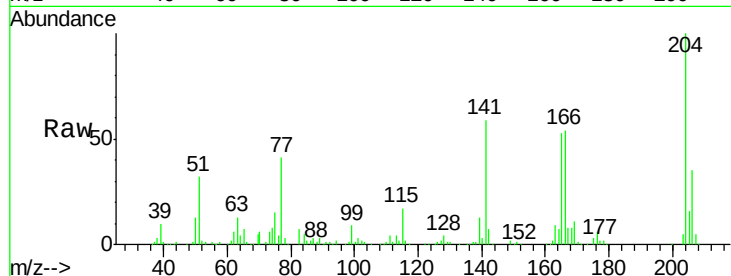
#61
 4-Chlorophenyl-phenylether
 Concen: 39.245 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.7	29.2	43.8
141	58.6	49.0	73.4

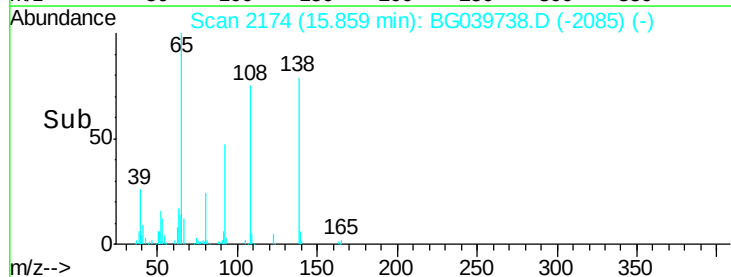
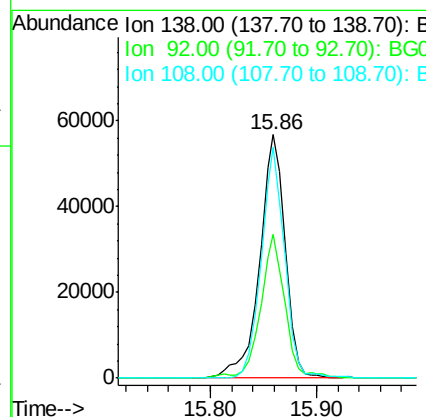
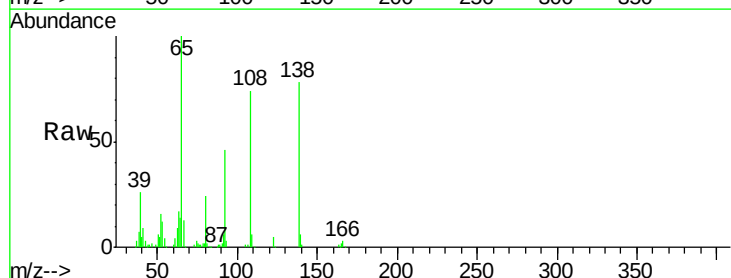
Manual Integrations
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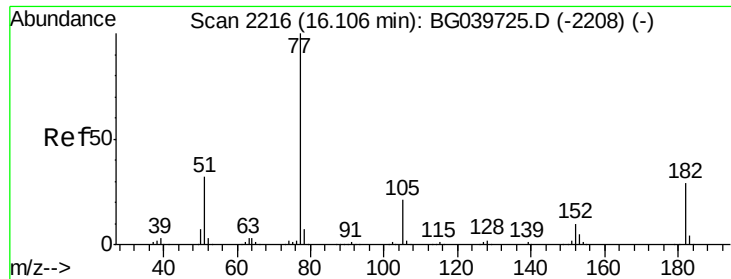
Sohil
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#62
 4-Nitroaniline
 Concen: 39.958 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	59.0	38.7	78.7
108	95.0	74.6	114.6





#63

Azobenzene

Concen: 40.888 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

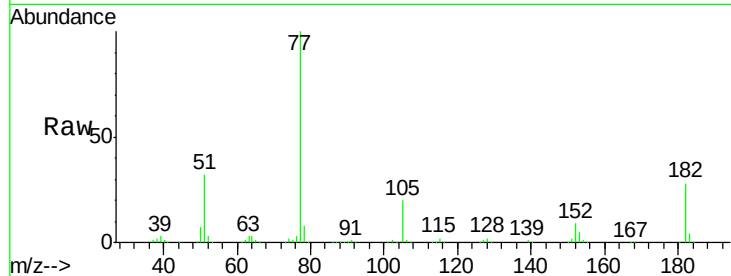
ClientSampleId :

PB117513BS

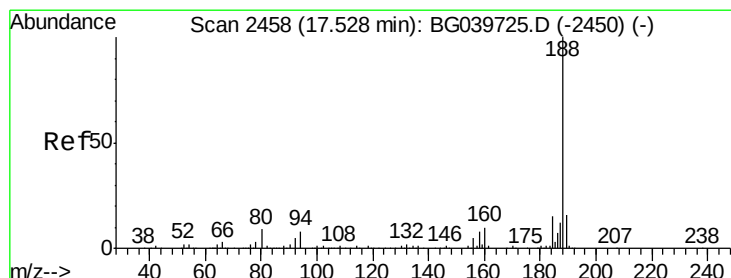
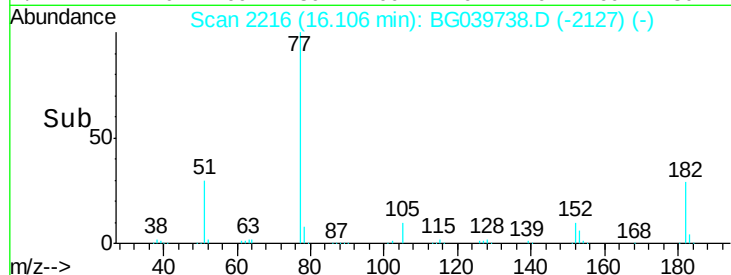
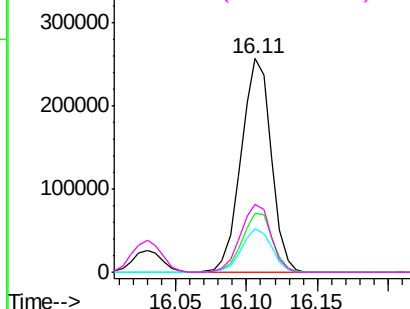
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	381462		
182	27.5	6.4	46.4	
105	20.5	0.0	39.8	
51	32.0	14.1	54.1	

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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

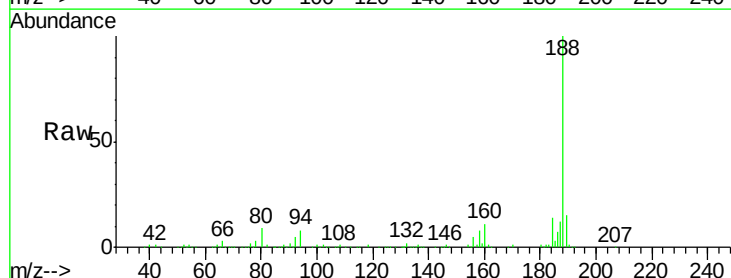
RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

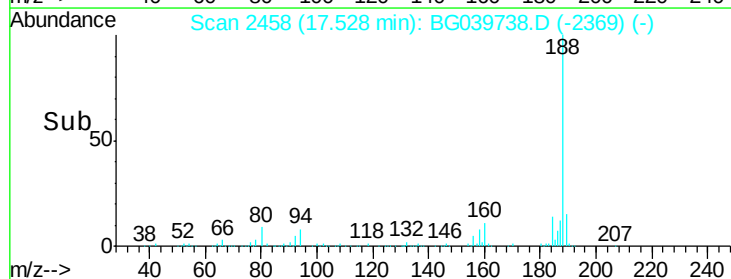
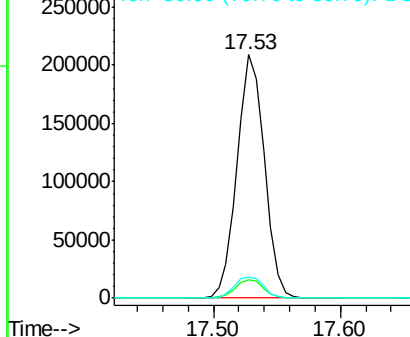
Lab File: BG039738.D

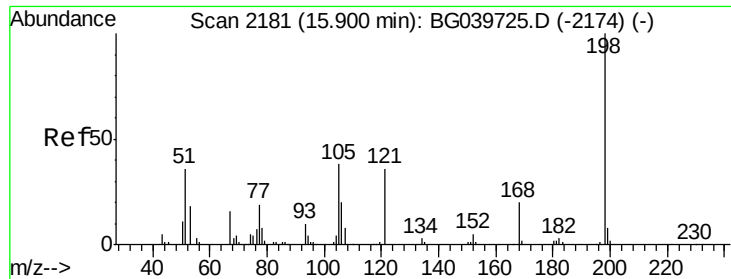
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	311710		
94	7.6	6.9	10.3	
80	8.5	8.1	12.1	



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





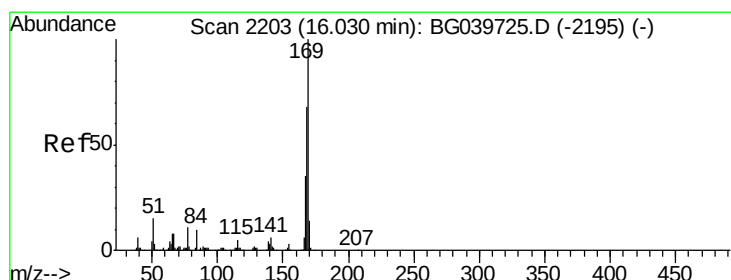
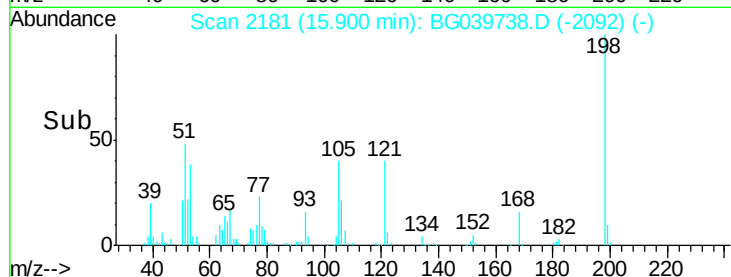
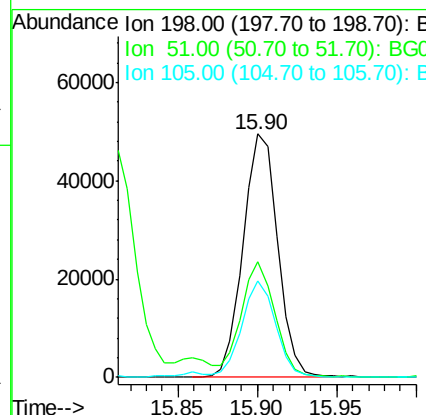
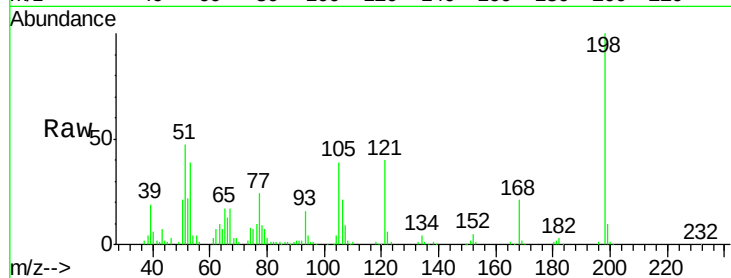
#65
4,6-Dinitro-2-methylphenol
Concen: 40.812 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	47.5	27.4	67.4
105	39.4	19.7	59.7

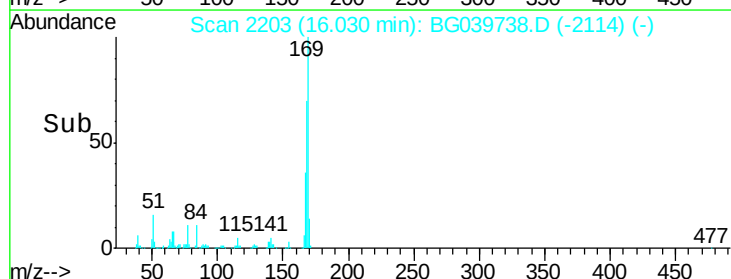
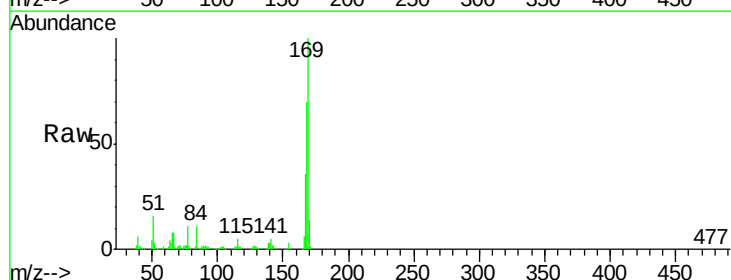
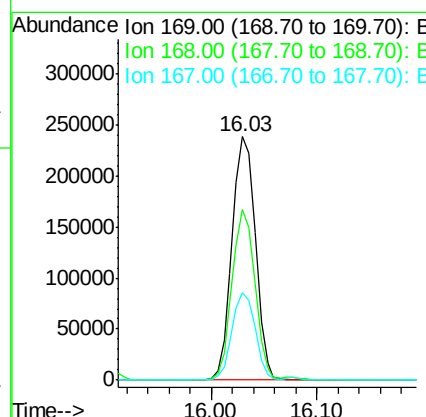
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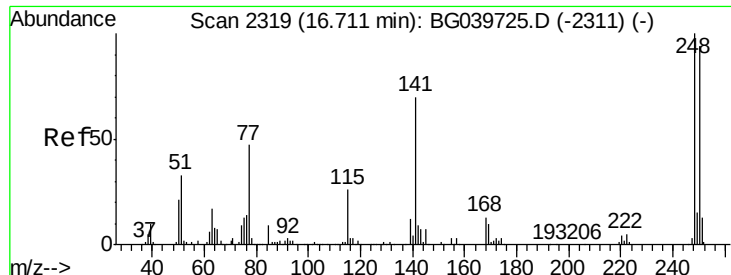
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#66
n-Nitrosodiphenylamine
Concen: 40.494 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.1	56.6	85.0
167	36.1	28.8	43.2





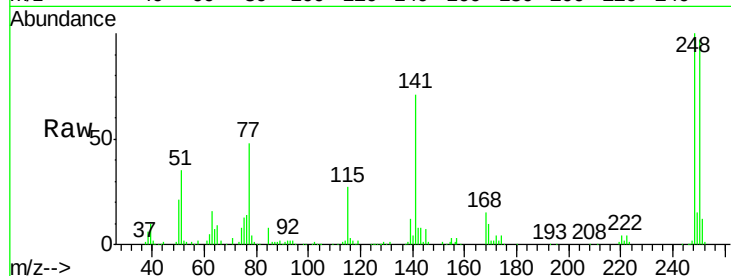
#67
4-Bromophenyl-phenylether
Concen: 39.211 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

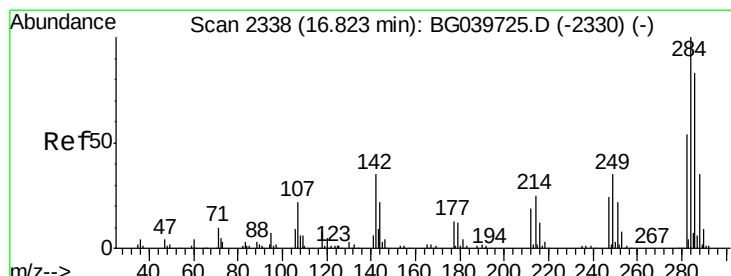
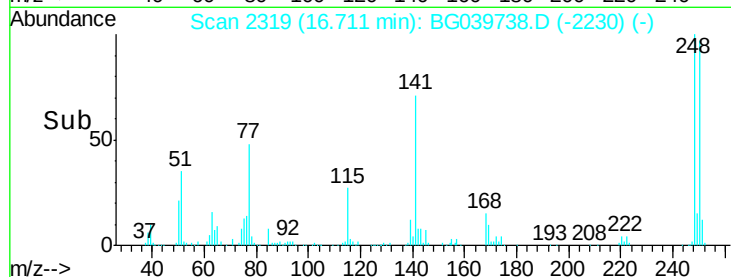
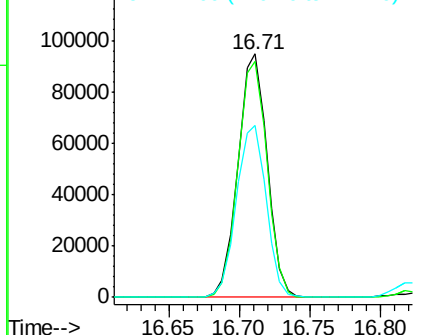
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.6	116.4
141	70.6	63.9	95.9

Manual Integrations
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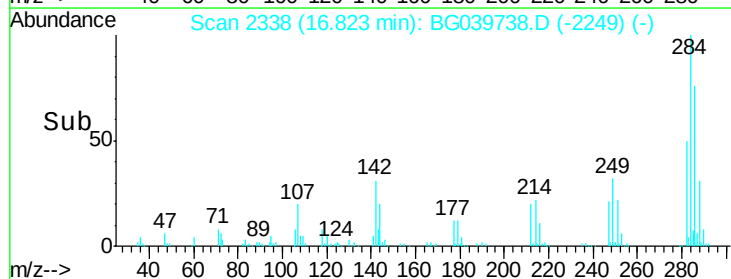
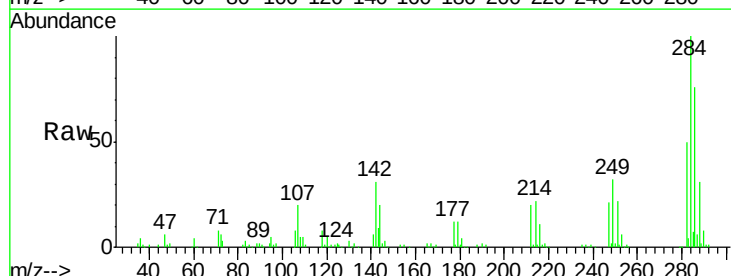
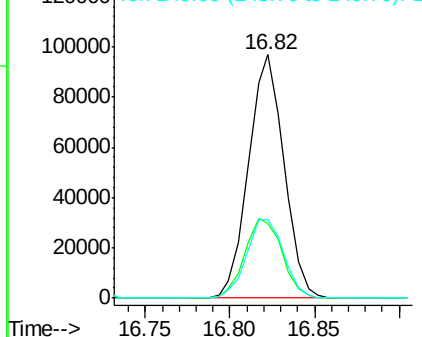
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

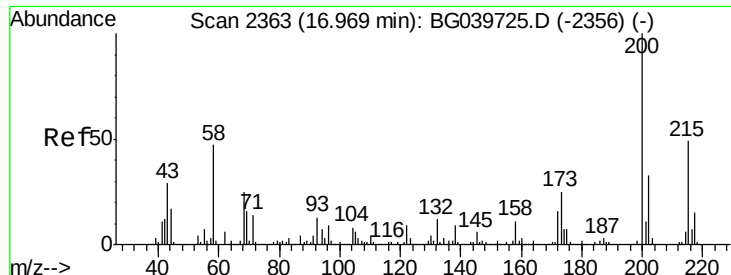


#68
Hexachlorobenzene
Concen: 38.961 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	30.6	45.8
249	32.2	28.2	42.2

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





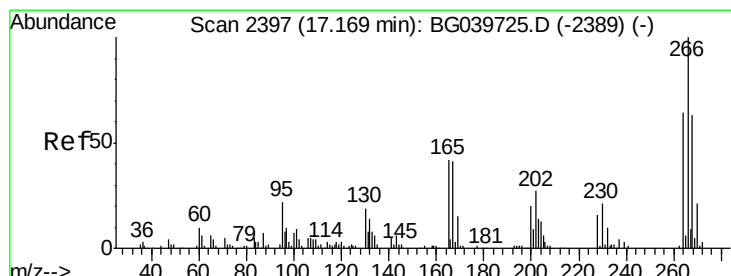
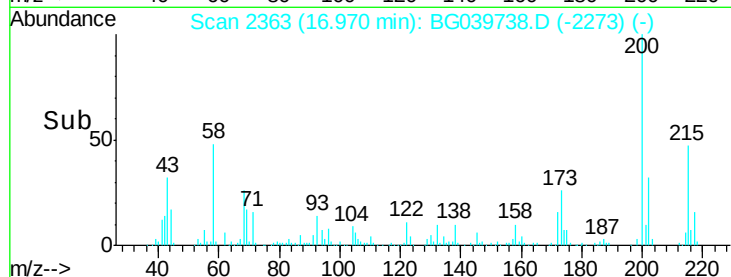
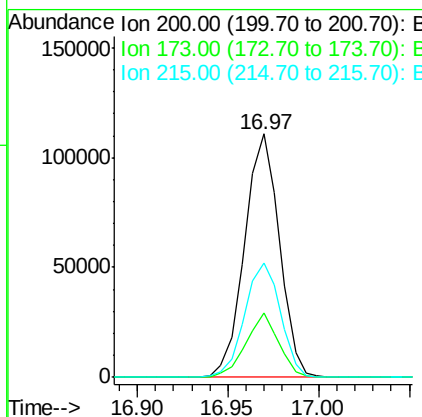
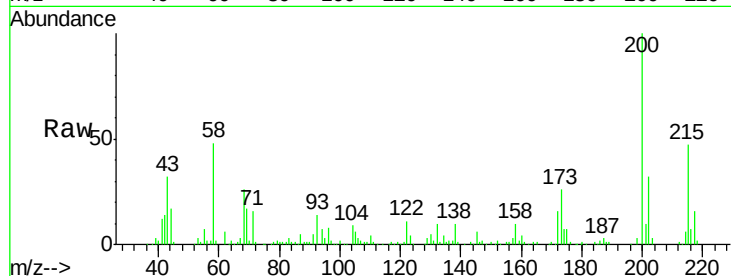
#69
 Atrazine
 Concen: 41.661 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampled :
 PB117513BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.2	3.9	43.9
215	47.0	30.9	70.9

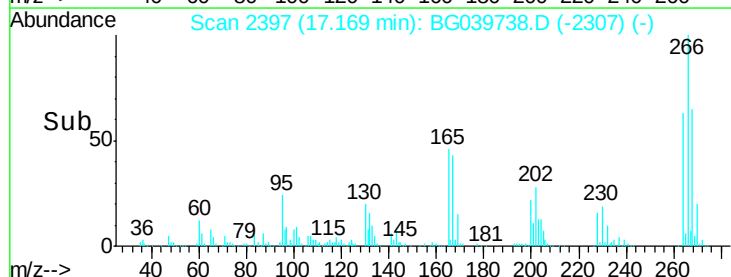
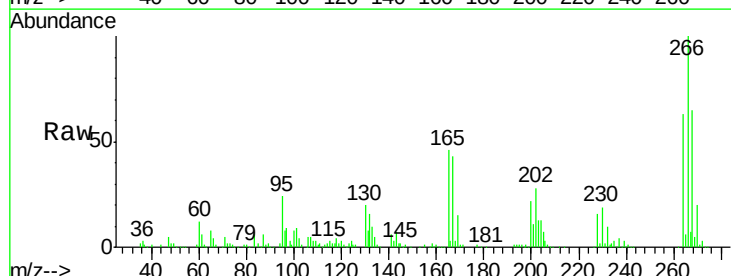
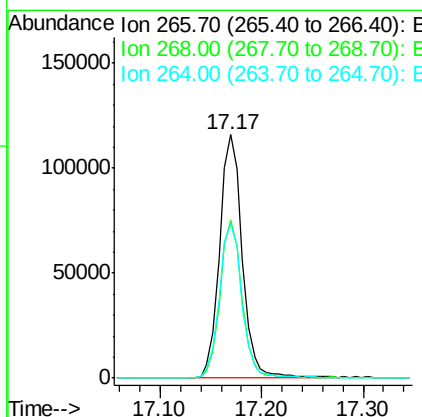
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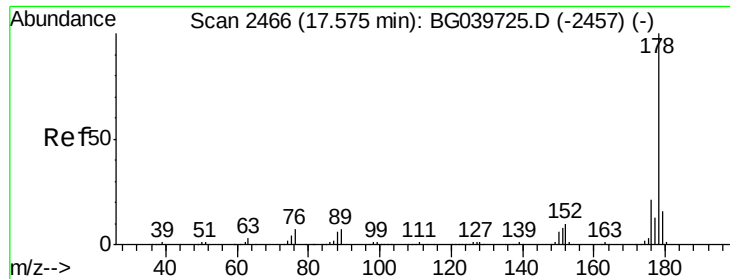
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#70
 Pentachlorophenol
 Concen: 78.868 ng
 RT: 17.17 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.9	51.1	76.7
264	63.4	52.1	78.1





#71

Phenanthrene

Concen: 39.161 ng

RT: 17.57 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

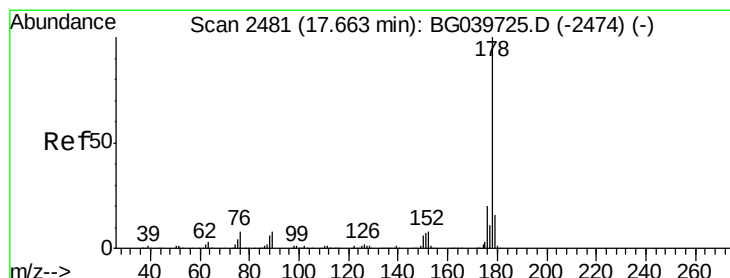
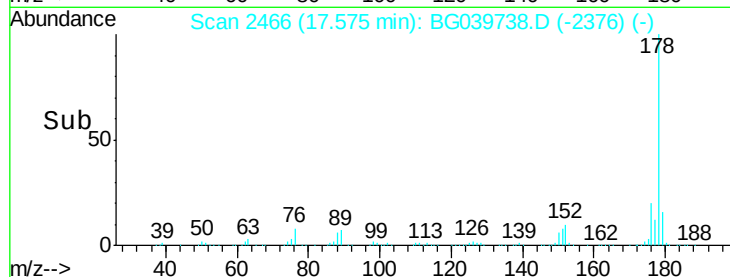
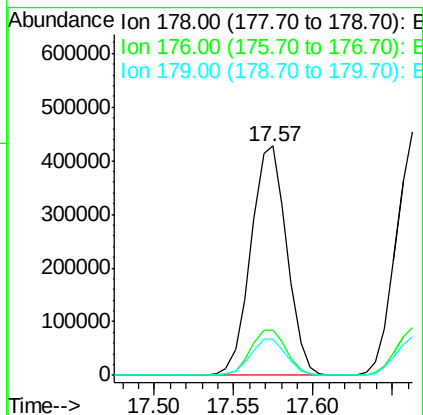
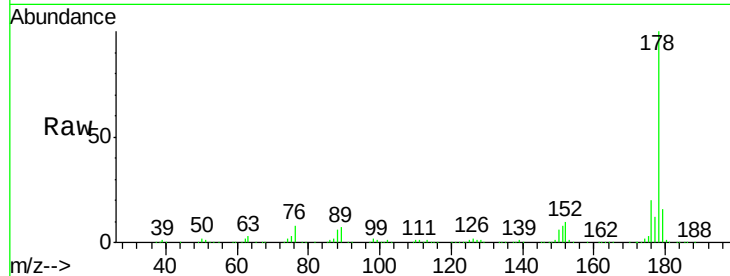
ClientSampleId :

PB117513BS

Tgt Ion:	178	Resp:	672365
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.2	24.4
179	15.8	12.6	19.0

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#72

Anthracene

Concen: 40.878 ng

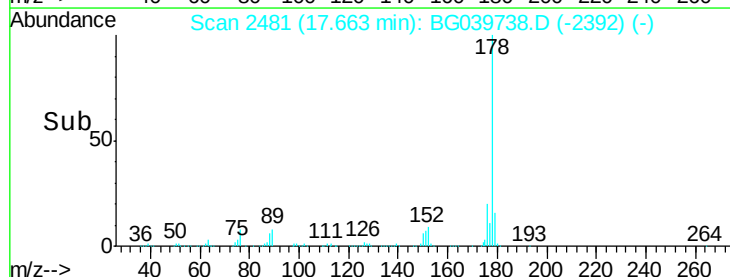
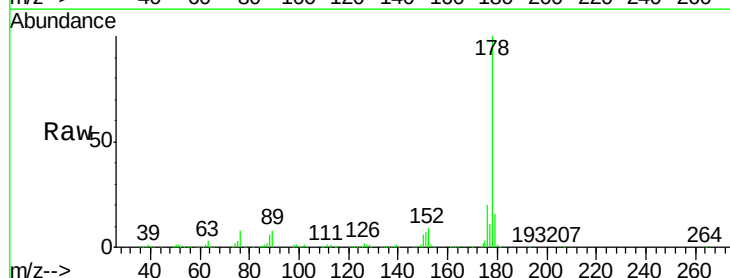
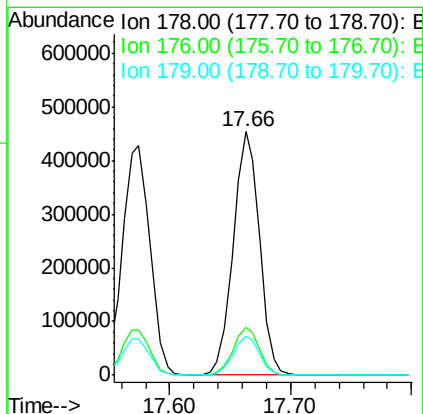
RT: 17.66 min Scan# 2481

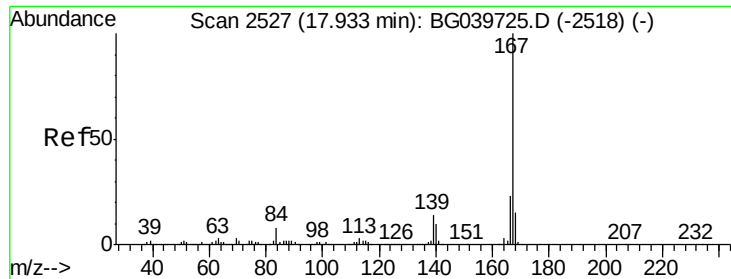
Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion:	178	Resp:	683936
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.8	23.6
179	16.1	12.5	18.7





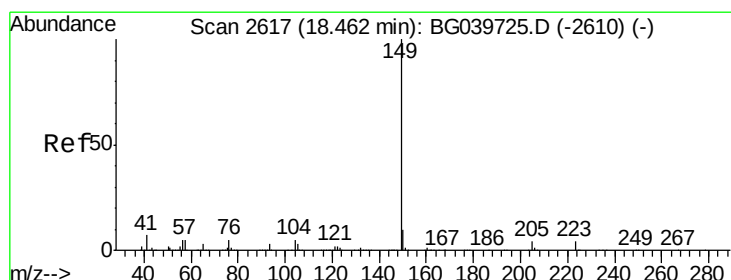
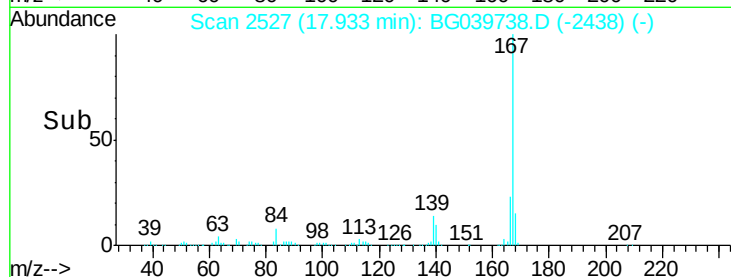
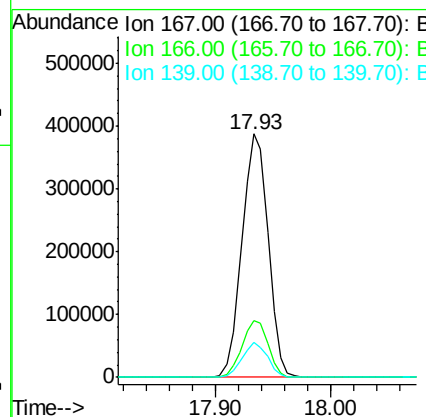
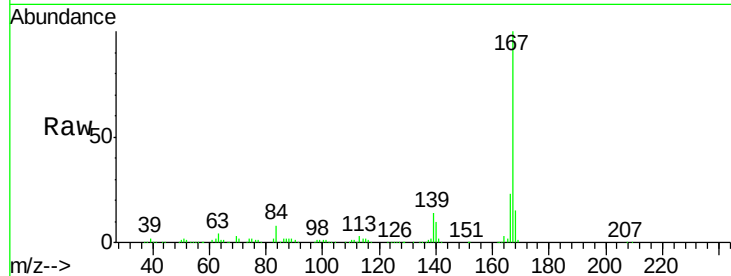
#73
 Carbazole
 Concen: 40.300 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.4	29.2
139	14.4	10.8	16.2

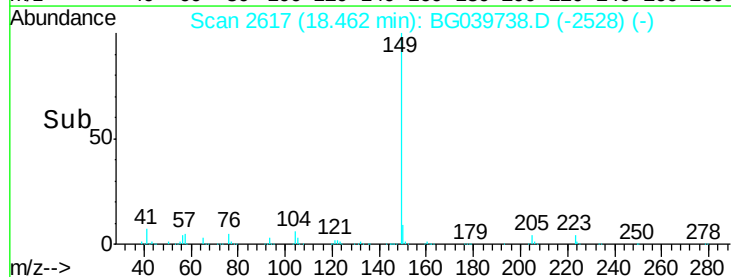
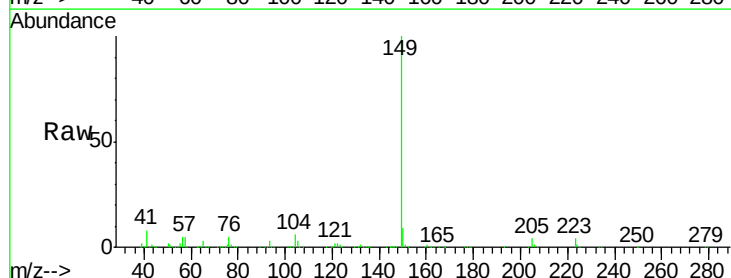
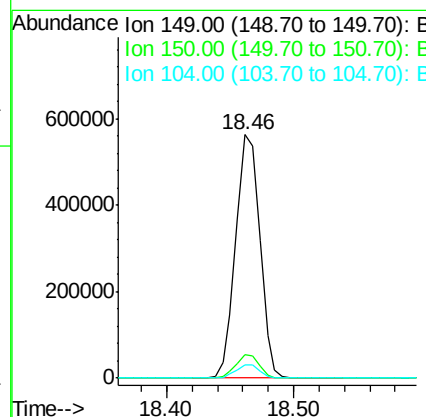
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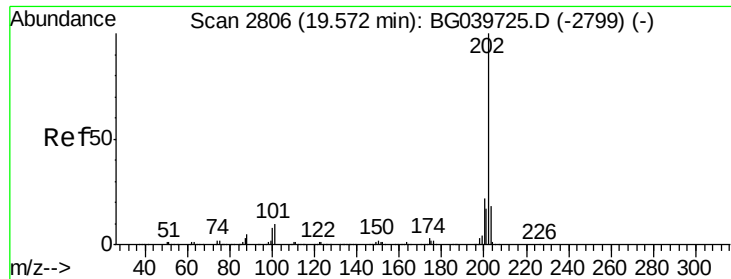
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 3/5/2019 5:21:43 PM



#74
 Di-n-butylphthalate
 Concen: 41.672 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 40.659 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

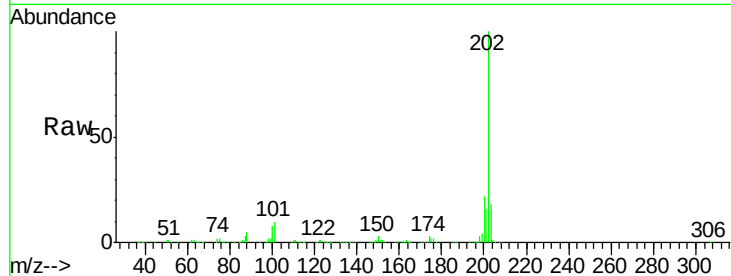
ClientSampleId :

PB117513BS

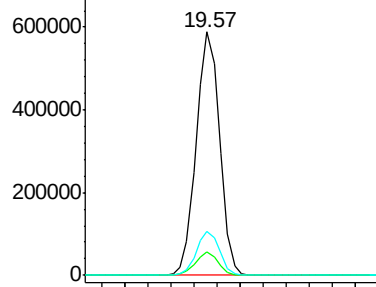
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		825024		
101	9.7	0.0	30.0		
203	17.8	0.0	38.9		

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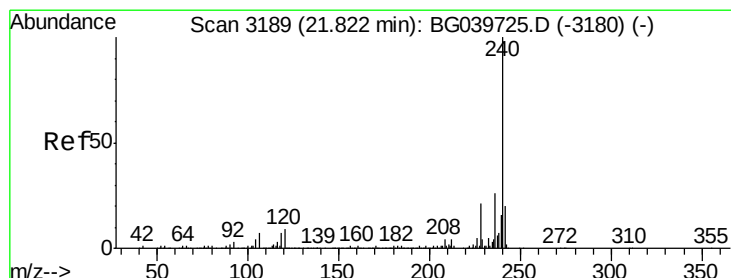
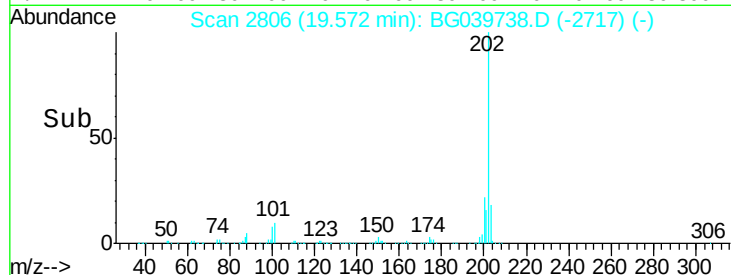
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Abundance Ion 202.00 (201.70 to 202.70): E
800000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

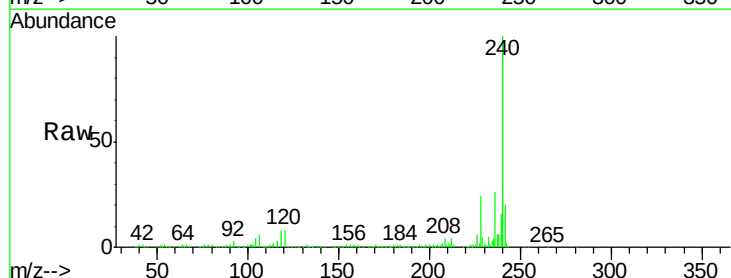
RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

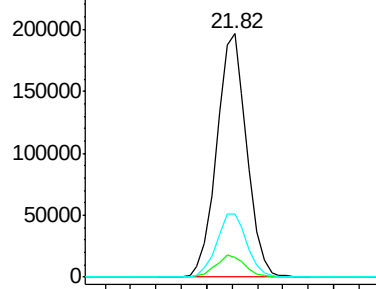
Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

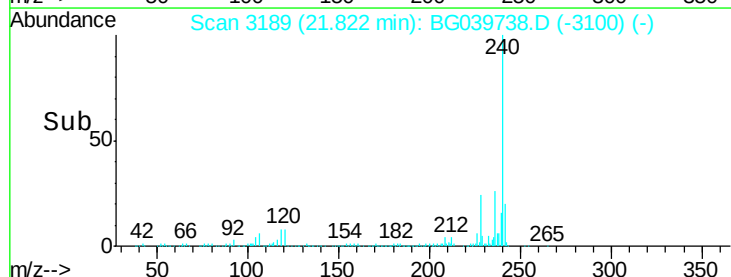
Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		321434		
120	8.1	7.0	10.6		
236	26.0	21.0	31.4		

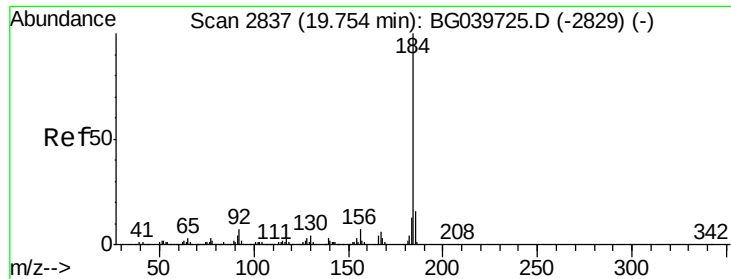


Abundance Ion 240.00 (239.70 to 240.70): E
250000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 40.896 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

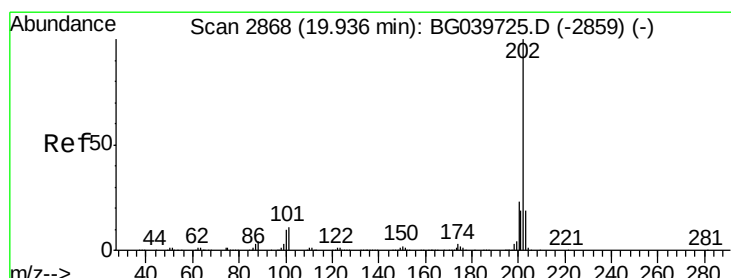
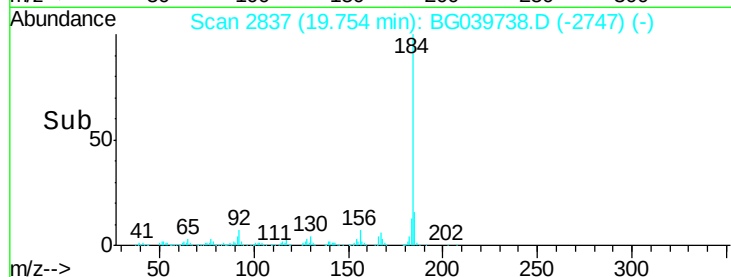
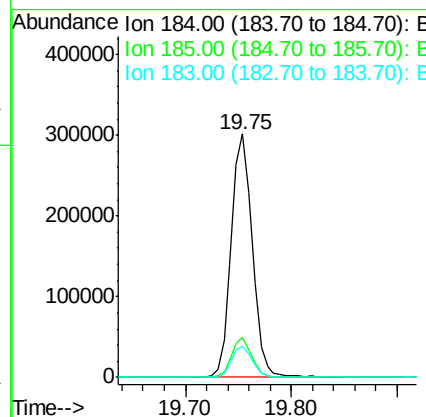
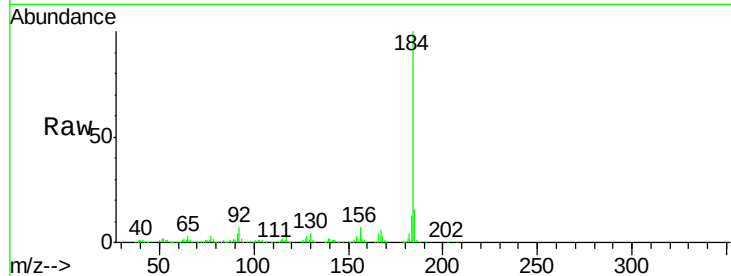
ClientSampleId :

PB117513BS

Tgt	Ion	Resp	Lower	Upper
184	100			
185	16.3	12.2	18.2	
183	12.8	10.6	15.8	

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#78

Pyrene

Concen: 39.387 ng

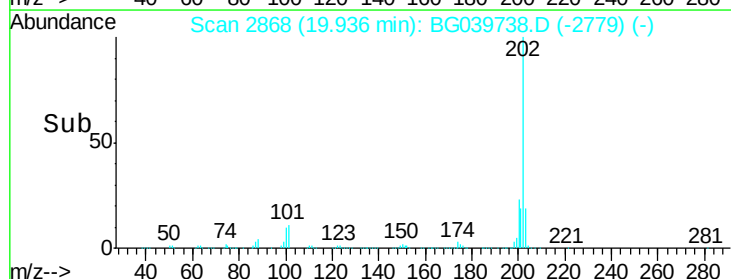
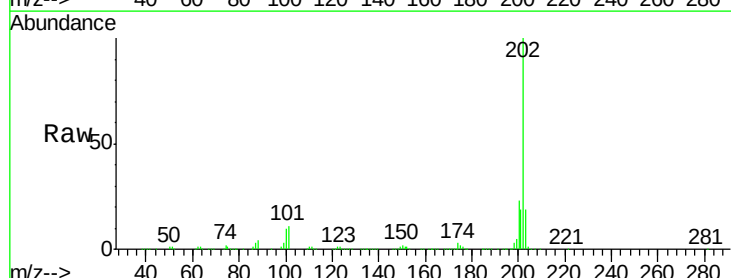
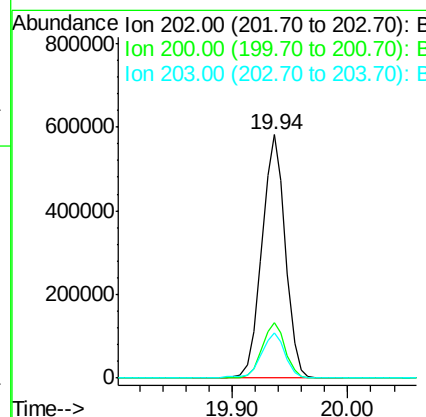
RT: 19.94 min Scan# 2868

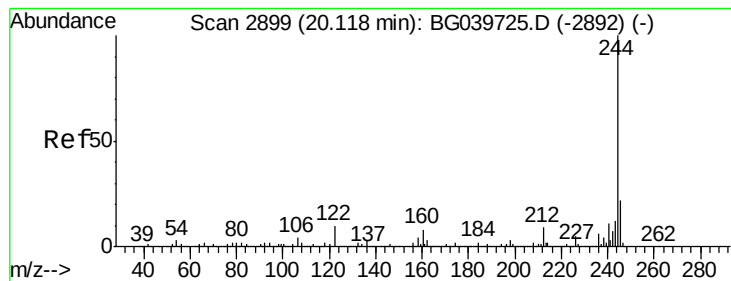
Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt	Ion	Resp	Lower	Upper
202	100			
200	22.8	17.8	26.8	
203	18.8	15.3	22.9	





#79

Terphenyl-d14

Concen: 75.696 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

Tgt Ion:244 Resp: 1105056

Ion Ratio Lower Upper

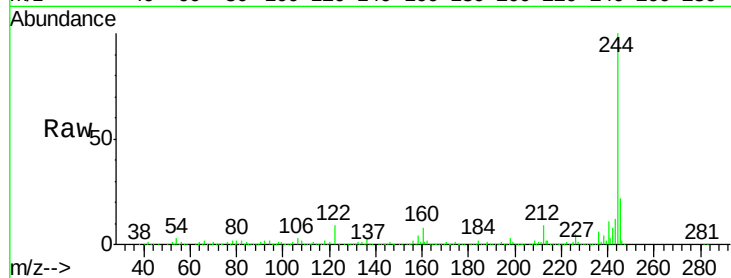
244 100

212 9.1 7.3 10.9

122 9.4 8.4 12.6

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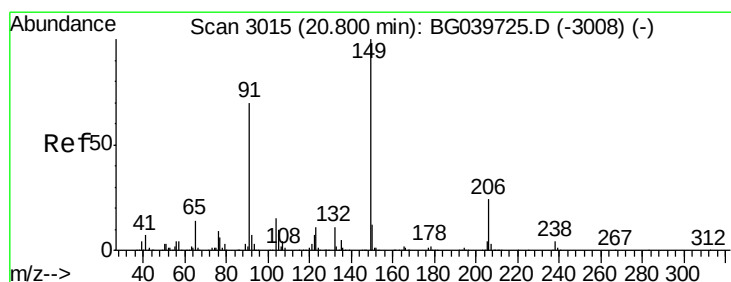
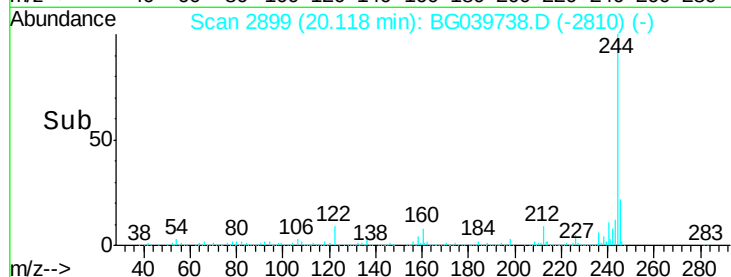
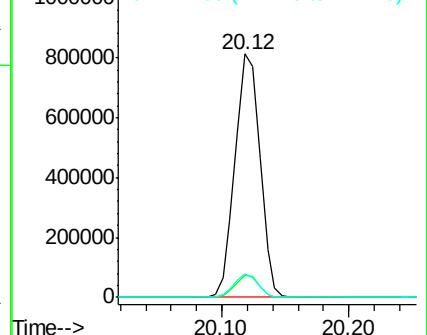
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.302 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

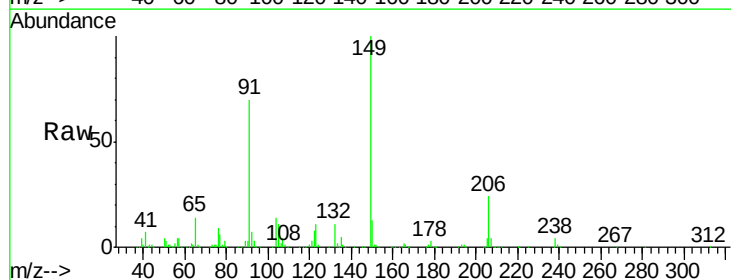
Tgt Ion:149 Resp: 342313

Ion Ratio Lower Upper

149 100

91 70.3 59.5 89.3

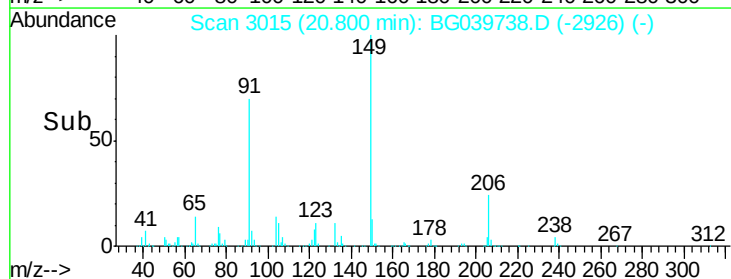
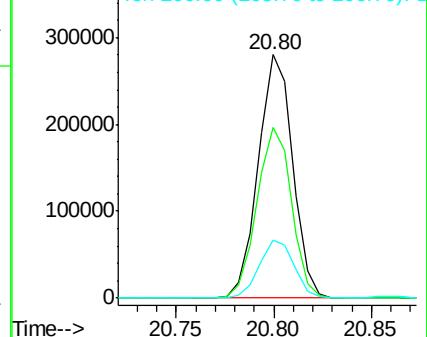
206 24.0 18.6 27.8

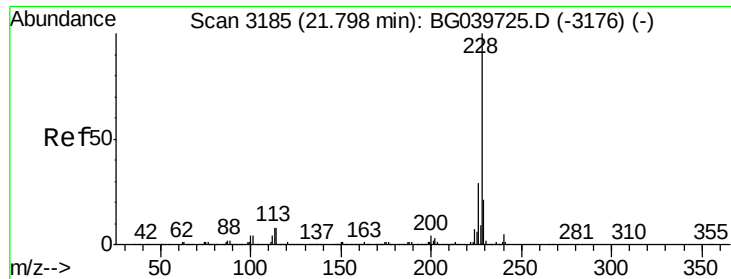


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.999 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

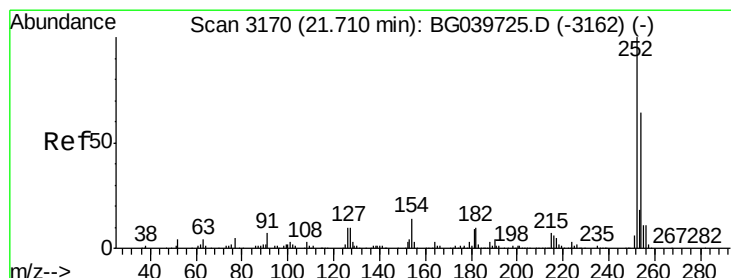
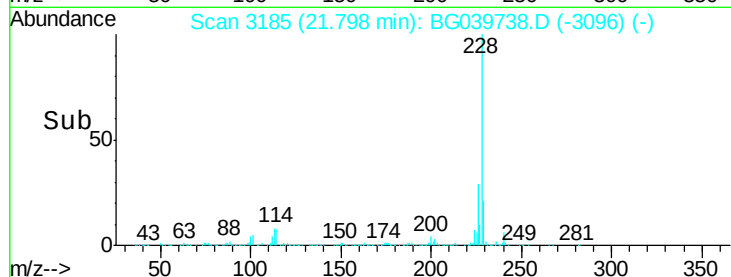
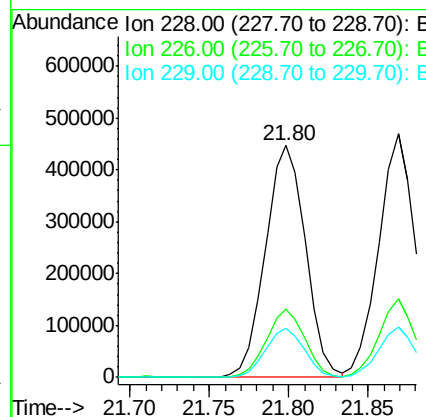
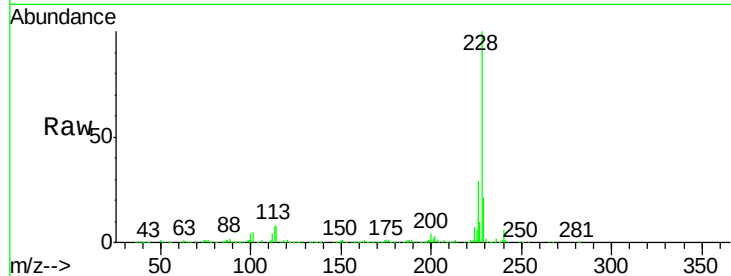
ClientSampleId :

PB117513BS

Tgt	Ion:228	Resp:	785651
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	21.2	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 22.449 ng

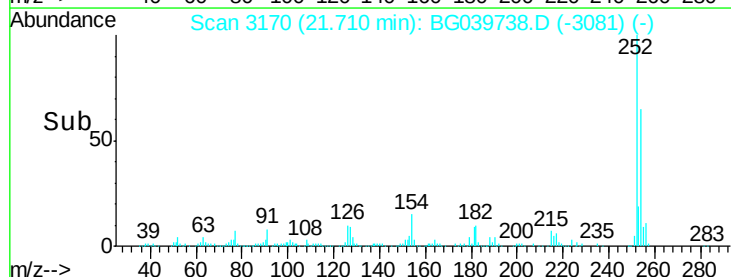
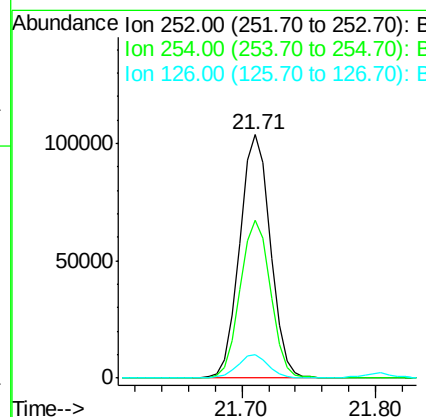
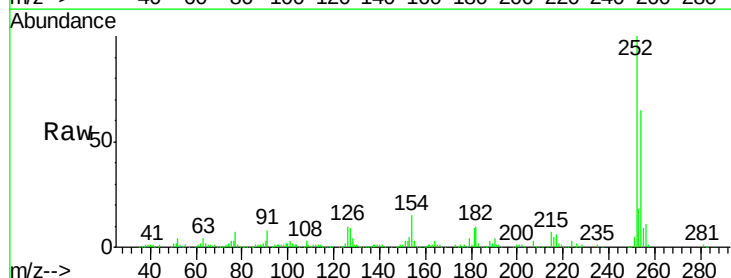
RT: 21.71 min Scan# 3170

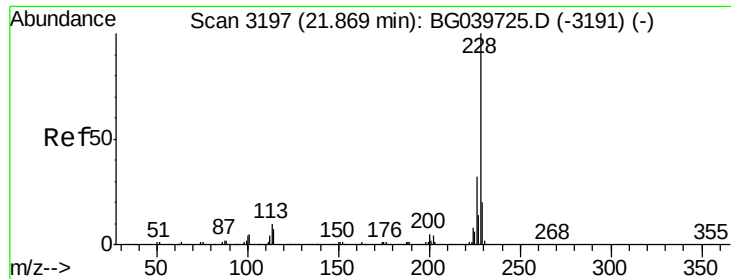
Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt	Ion:252	Resp:	165107
Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.3	76.9
126	9.5	8.0	12.0





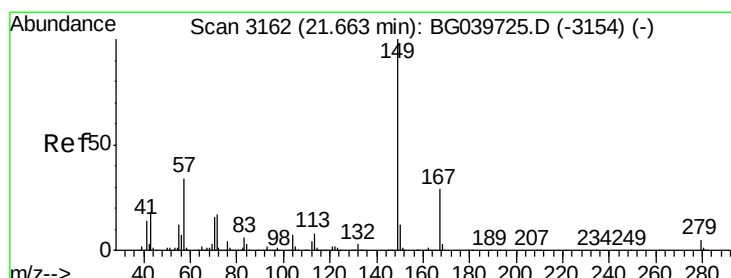
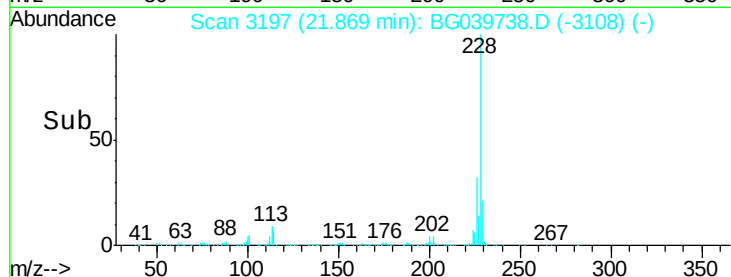
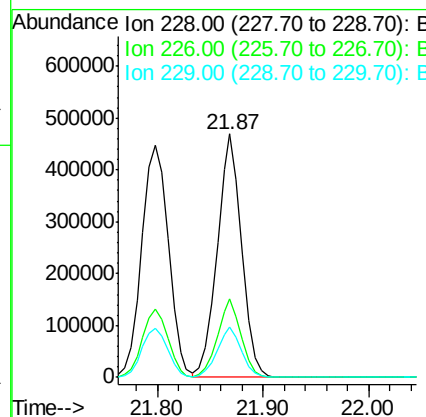
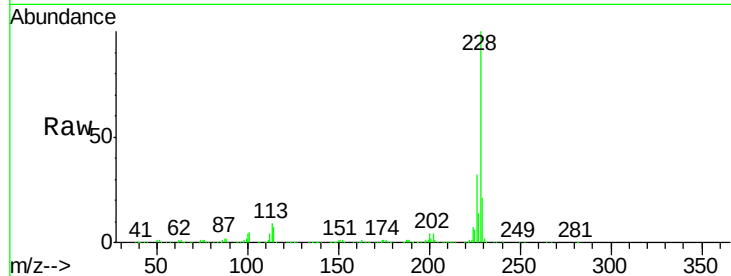
#83
Chrysene
 Concen: 38.502 ng
 RT: 21.87 min Scan# 3197
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	751953		
226	32.2		25.8	38.6
229	20.7		16.6	25.0

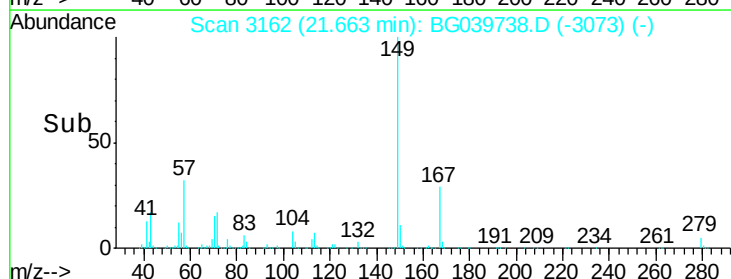
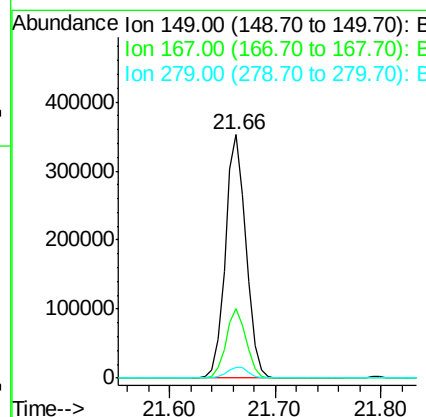
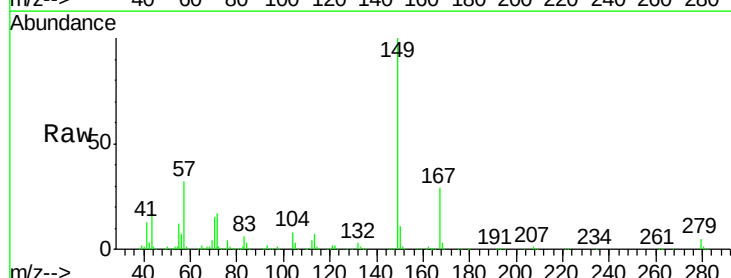
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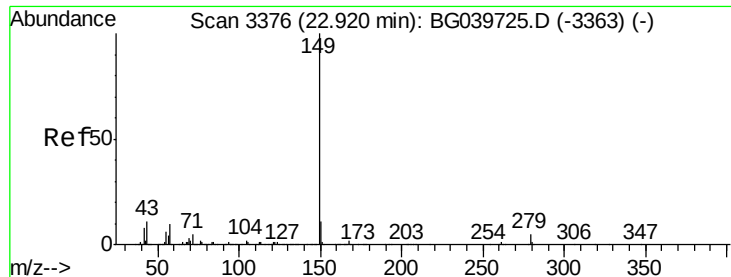
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 41.916 ng
 RT: 21.66 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	476644		
167	28.8		22.6	34.0
279	4.5		3.5	5.3





#85

Di-n-octyl phthalate

Concen: 43.544 ng

RT: 22.92 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

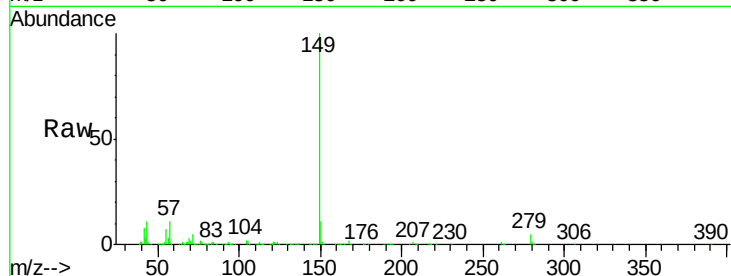
ClientSampleId :

PB117513BS

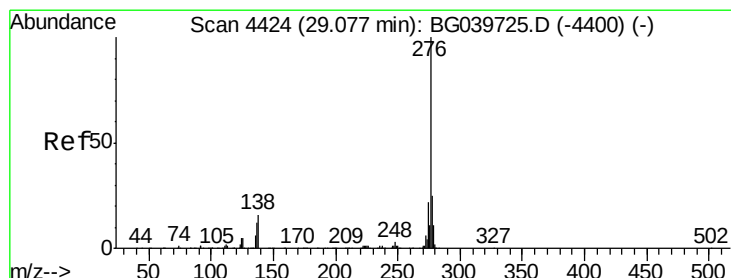
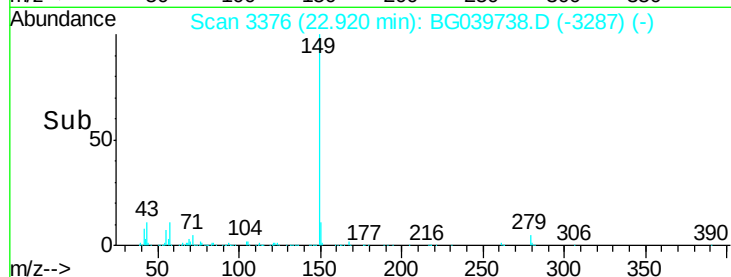
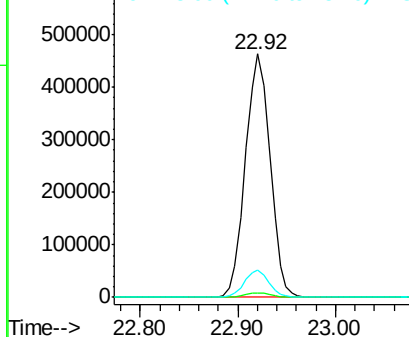
Tgt Ion:	149	Resp:	819861
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	10.7	10.2	15.4

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.306 ng

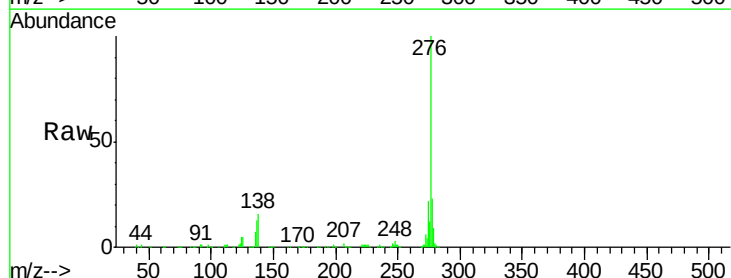
RT: 29.07 min Scan# 4423

Delta R.T. -0.02 min

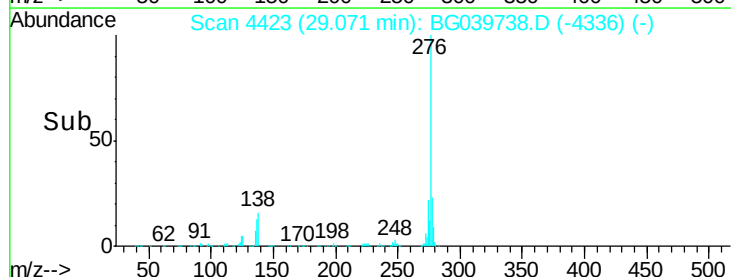
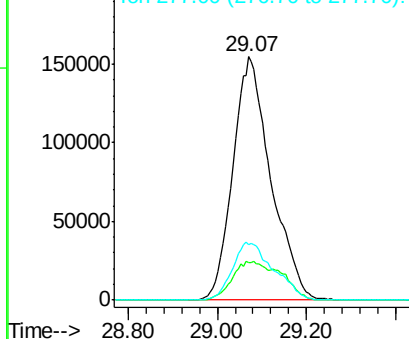
Lab File: BG039738.D

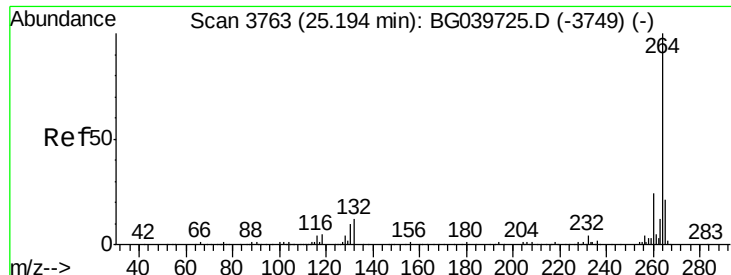
Acq: 4 Mar 2019 19:29

Tgt Ion:	276	Resp:	915172
Ion Ratio	Lower	Upper	
276	100		
138	14.2	12.6	19.0
277	25.8	20.8	31.2



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





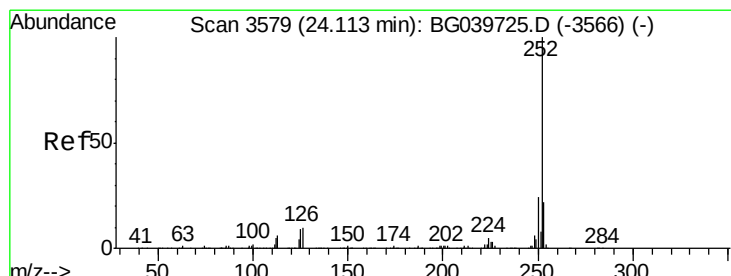
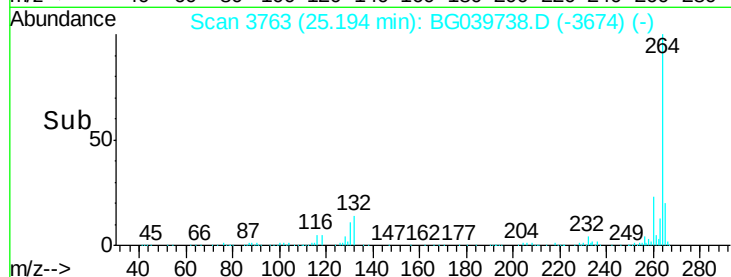
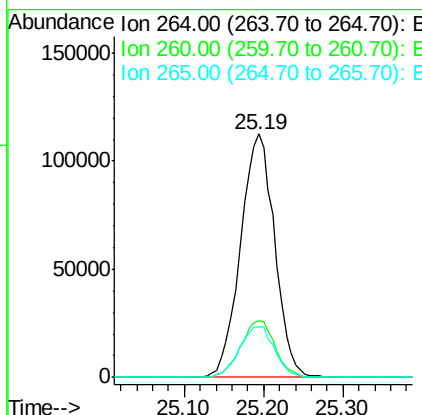
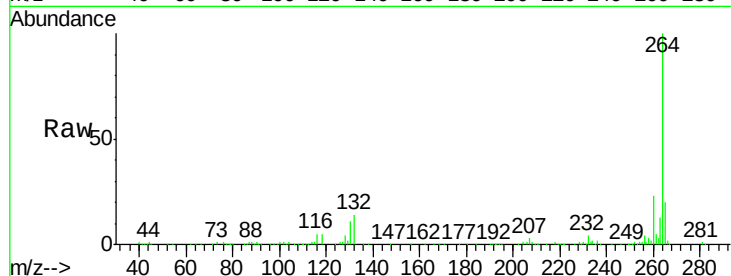
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.2	18.2	27.4	
265	20.4	18.5	27.7	

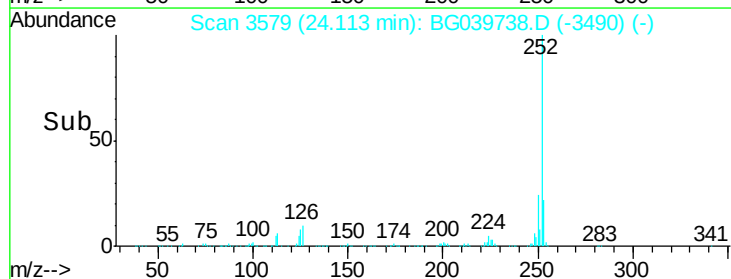
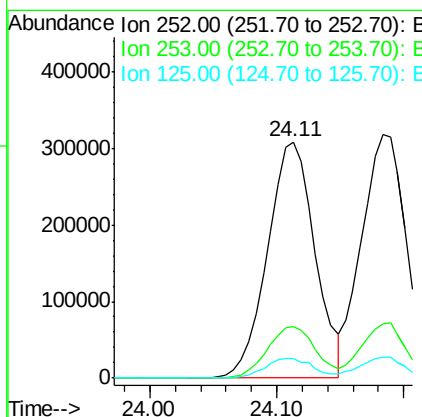
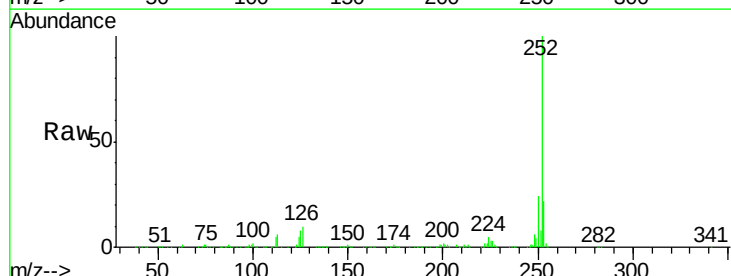
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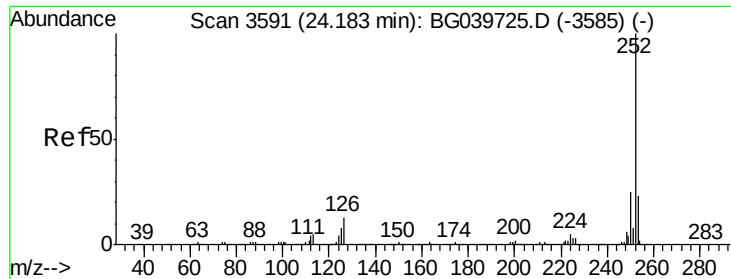
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#88
Benzo(b)fluoranthene
Concen: 39.830 ng
RT: 24.11 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.9	17.8	26.8	
125	8.4	7.8	11.6	





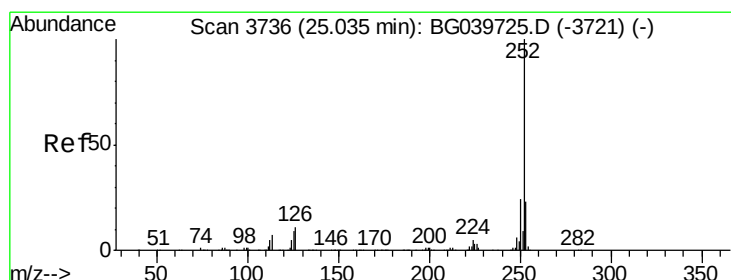
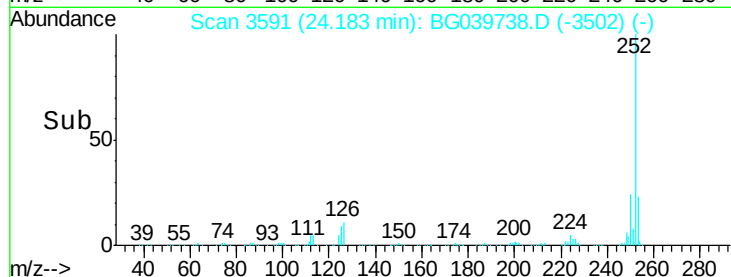
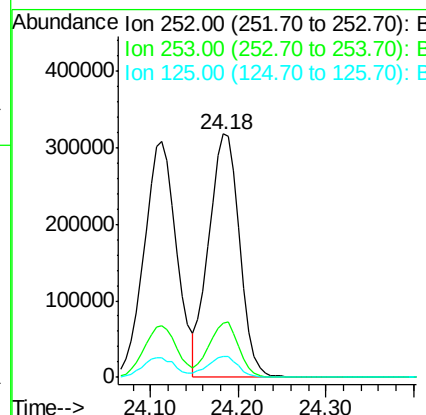
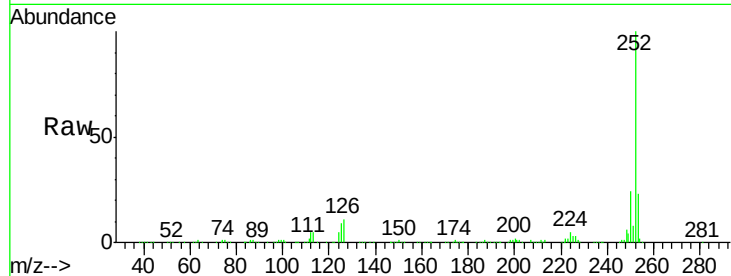
#89
Benzo(k)fluoranthene
Concen: 41.647 ng
RT: 24.18 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	8.6	7.4	11.2

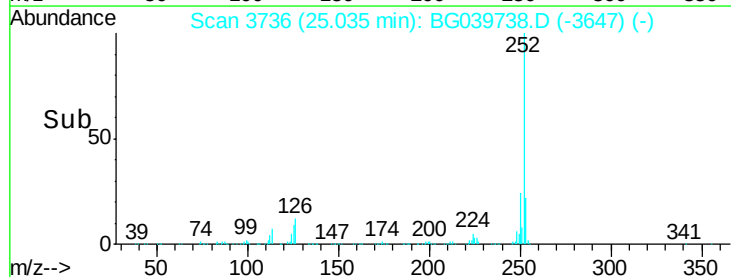
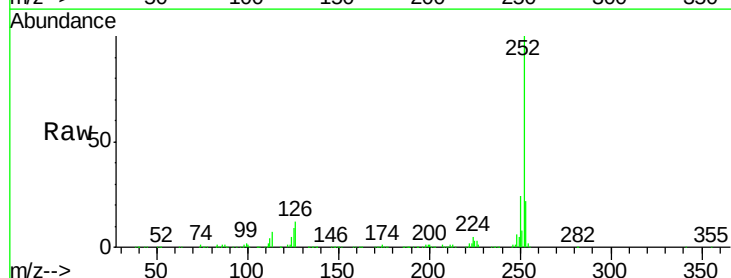
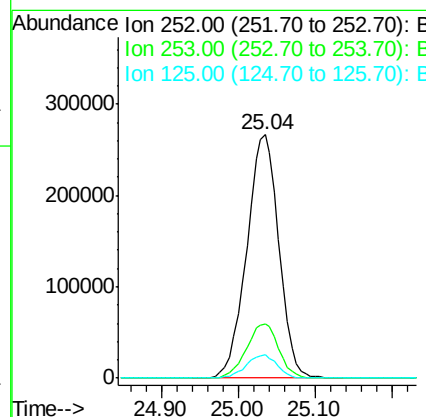
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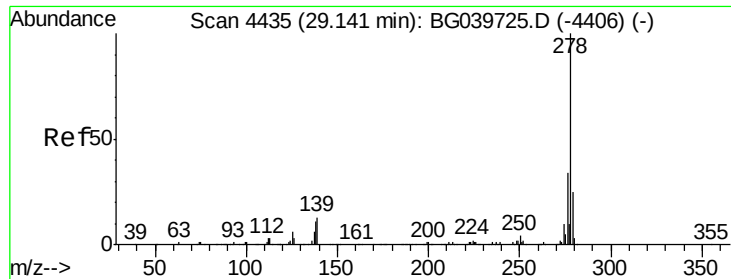
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#90
Benzo(a)pyrene
Concen: 41.978 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.4	8.3	12.5





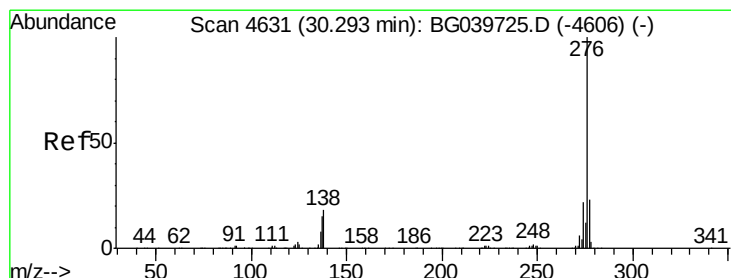
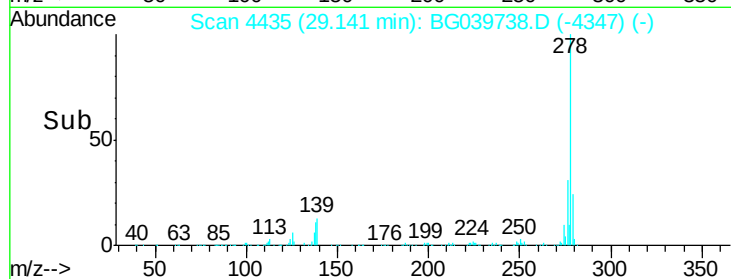
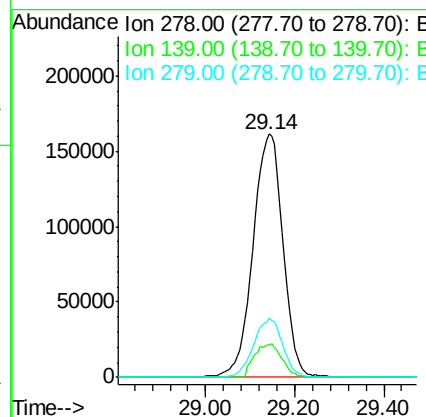
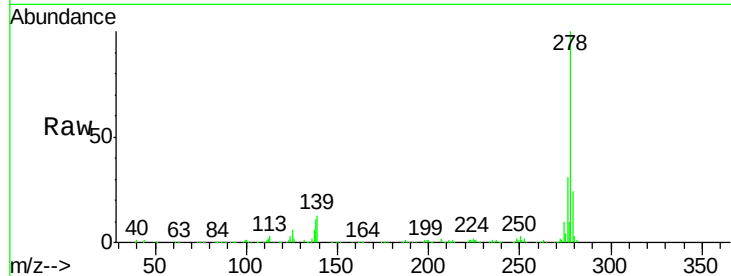
#91
Dibenzo(a,h)anthracene
Concen: 41.071 ng
RT: 29.14 min Scan# 4435
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.7	17.5
279	24.2	19.1	28.7

Manual Integrations
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3/5/2019 5:21:43 PM



#92
Benzo(g,h,i)perylene
Concen: 41.537 ng
RT: 30.30 min Scan# 4633
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	17.5	14.7	22.1

