

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039938.D
 Acq On : 15 Mar 2019 12:53
 Operator : JU/SJ
 Sample : PB117948BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117948BS

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:02:37 PM

Quant Time: Mar 16 04:20:58 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	8.15	152	35487	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	153720	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	96244	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	243440	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	260986	20.00	ng	-0.02
87) Perylene-d12	25.17	264	259867	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	298680	143.59	ng	-0.01
7) Phenol-d6	7.29	99	412834	133.10	ng	-0.02
23) Nitrobenzene-d5	9.33	82	230159	80.98	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	157934	140.79	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	558166	82.57	ng	-0.02
79) Terphenyl-d14	20.11	244	948270	80.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	37231	38.769	ng	96
3) Pyridine	3.98	79	92336	35.915	ng	97
4) n-Nitrosodimethylamine	3.90	42	50916	41.746	ng	# 92
6) Aniline	7.47	93	115983	28.543	ng	99
8) 2-Chlorophenol	7.71	128	104601	41.450	ng	92
9) Benzaldehyde	7.29	77	57679	28.829	ng	97
10) Phenol	7.32	94	140522	41.822	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	103789	39.619	ng	99
12) 1,3-Dichlorobenzene	8.03	146	112382	39.376	ng	97
13) 1,4-Dichlorobenzene	8.19	146	118073	40.614	ng	97
14) 1,2-Dichlorobenzene	8.50	146	113009	40.233	ng	99
15) Benzyl Alcohol	8.39	79	100917	41.018	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	208082	39.715	ng	97
17) 2-Methylphenol	8.58	107	90990	42.470	ng	96
18) Hexachloroethane	9.23	117	42261	40.514	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	82351	36.888	ng	97
20) 3+4-Methylphenols	8.91	107	125663	42.220	ng	98
22) Acetophenone	8.97	105	160407	38.879	ng	# 96
24) Nitrobenzene	9.37	77	125536	42.102	ng	97
25) Isophorone	9.88	82	234158	39.318	ng	100
26) 2-Nitrophenol	10.08	139	59126	41.070	ng	# 91
27) 2,4-Dimethylphenol	10.12	122	106631	47.624	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	144095	39.815	ng	# 96
29) 2,4-Dichlorophenol	10.61	162	113476	45.014	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	120552	42.498	ng	95
31) Naphthalene	11.02	128	332968	40.911	ng	100
32) Benzoic acid	10.25	122	55456	37.713	ng	97
33) 4-Chloroaniline	11.13	127	77534	22.466	ng	98
34) Hexachlorobutadiene	11.28	225	80406	41.480	ng	96
35) Caprolactam	11.91	113	35944m	37.326	ng	
36) 4-Chloro-3-methylphenol	12.23	107	118022	40.842	ng	98
37) 2-Methylnaphthalene	12.61	142	250927	41.238	ng	98
38) 1-Methylnaphthalene	12.83	142	236632	40.017	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	139856	42.894	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	187313	107.200	nq	100
43) 2,4,6-Trichlorophenol	13.21	196	91064	47.706	nq	99
44) 2,4,5-Trichlorophenol	13.29	196	95642	44.451	nq	99
46) 1,1'-Biphenyl	13.61	154	336039	42.451	nq	98
47) 2-Chloronaphthalene	13.66	162	260608	43.762	nq	98
48) 2-Nitroaniline	13.87	65	84216	44.005	nq	93
49) Acenaphthylene	14.50	152	404204	41.347	nq	99
50) Dimethylphthalate	14.22	163	333845	41.483	nq	100
51) 2,6-Dinitrotoluene	14.35	165	74662	43.762	nq	98
52) Acenaphthene	14.84	154	246685	41.926	nq	99
53) 3-Nitroaniline	14.69	138	52089	30.373	nq #	93
54) 2,4-Dinitrophenol	14.89	184	91688	84.875	nq	99
55) Dibenzofuran	15.17	168	406600	42.119	nq	99
56) 4-Nitrophenol	14.98	139	128992	84.079	nq	92
57) 2,4-Dinitrotoluene	15.14	165	106883	44.585	nq	90
58) Fluorene	15.82	166	317887	41.888	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	96038	45.703	nq	99
60) Diethylphthalate	15.57	149	338320	42.466	nq	100
61) 4-Chlorophenyl-phenylether	15.81	204	171987	42.469	nq	96
62) 4-Nitroaniline	15.85	138	81078	43.608	nq	96
63) Azobenzene	16.09	77	310221	42.957	nq	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	61006	42.383	nq	98
66) n-Nitrosodiphenylamine	16.02	169	293419	41.634	nq	97
67) 4-Bromophenyl-phenylether	16.70	248	112505	41.288	nq	96
68) Hexachlorobenzene	16.81	284	114943	40.694	nq	97
69) Atrazine	16.96	200	114096	41.135	nq	94
70) Pentachlorophenol	17.16	266	141586	79.371	nq	97
71) Phenanthrene	17.56	178	551345	41.118	nq	99
72) Anthracene	17.65	178	554982	42.472	nq	98
73) Carbazole	17.93	167	503408	42.734	nq	100
74) Di-n-butylphthalate	18.46	149	613906	44.294	nq	100
75) Fluoranthene	19.57	202	688168	43.426	nq	98
77) Benzidine	19.74	184	282530	34.114	nq	99
78) Pyrene	19.92	202	691660	40.784	nq	100
80) Butylbenzylphthalate	20.79	149	292218	44.475	nq	99
81) Benzo(a)anthracene	21.79	228	669473	40.930	nq	98
82) 3,3'-Dichlorobenzidine	21.70	252	164435	27.535	nq	99
83) Chrysene	21.86	228	646202	40.751	nq	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	415788	45.033	nq	99
85) Di-n-octyl phthalate	22.90	149	698672	45.702	nq	96
86) Indeno(1,2,3-cd)pyrene	29.04	276	768851	42.739	nq	98
88) Benzo(b)fluoranthene	24.09	252	676821	43.676	nq	97
89) Benzo(k)fluoranthene	24.16	252	639402	44.326	nq	97
90) Benzo(a)pyrene	25.01	252	650985	45.461	nq	98
91) Dibenzo(a,h)anthracene	29.10	278	619667	44.141	nq	98
92) Benzo(g,h,i)perylene	30.26	276	626527	44.438	nq	99

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



#1

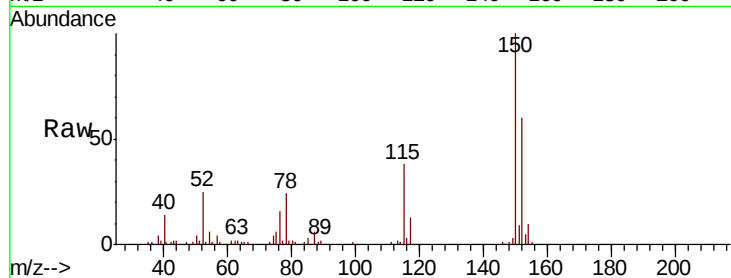
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.8	123.7	185.5
115	63.0	45.9	68.9

Manual Integrations
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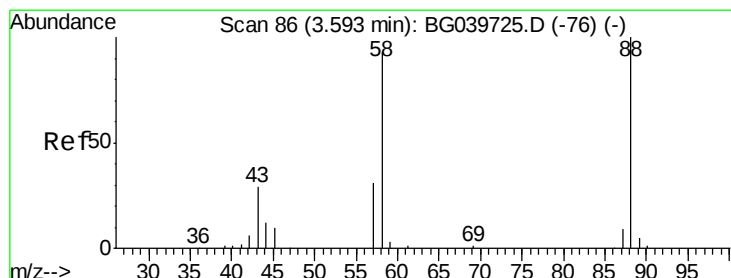
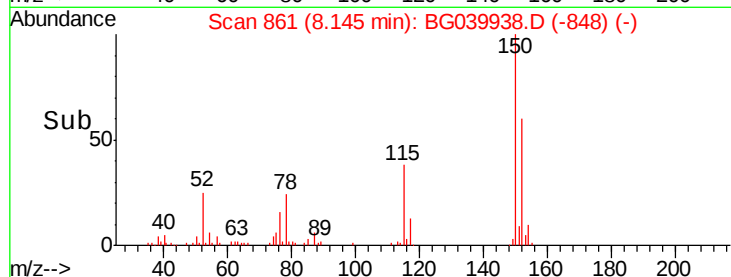
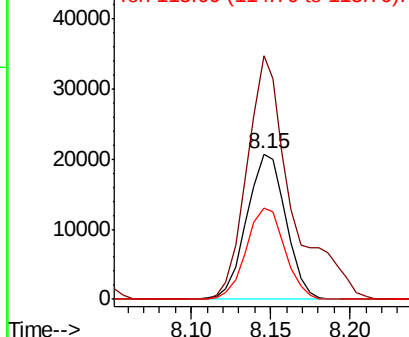


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

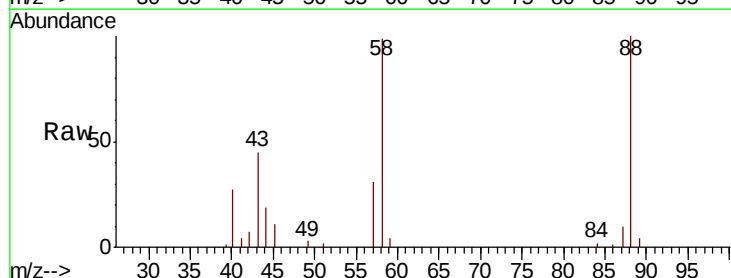
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.769 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.7	81.1	121.7
43	37.8	31.4	47.0

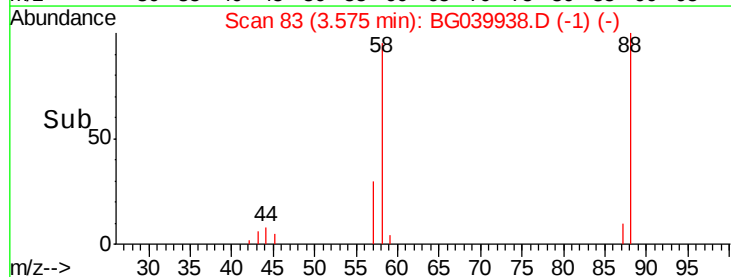
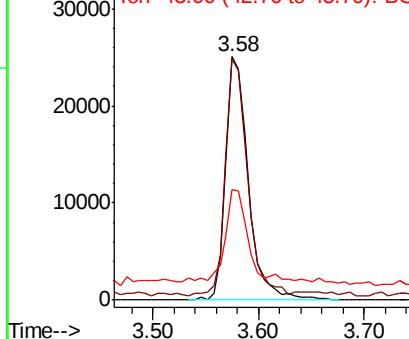


Abundance

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

Pvridine

Concen: 35.915 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

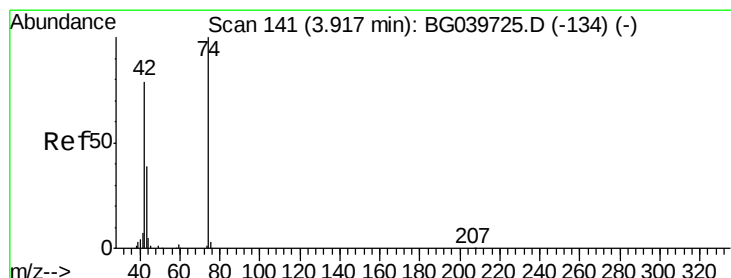
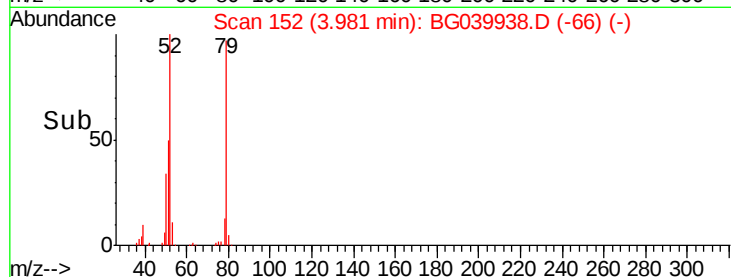
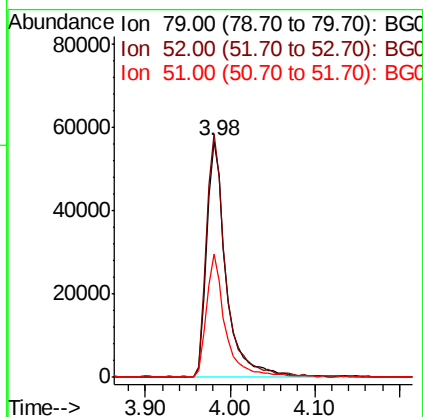
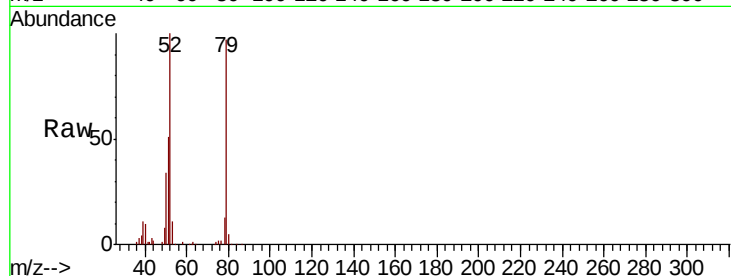
ClientSampleId :

PB117948BS

Tot Ion:	79	Resp:	92336
Ion Ratio	Lower	Upper	
79	100		
52	103.0	82.6	124.0
51	52.2	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 41.746 ng

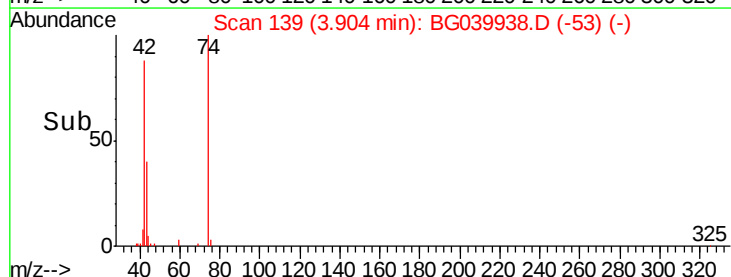
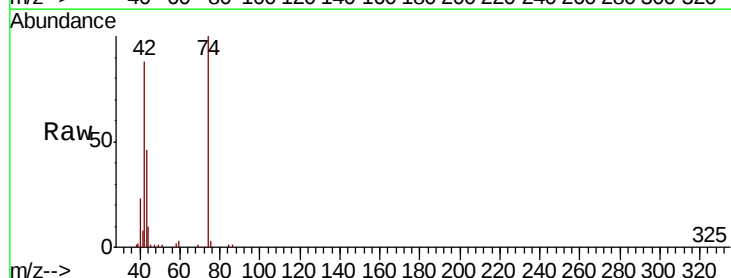
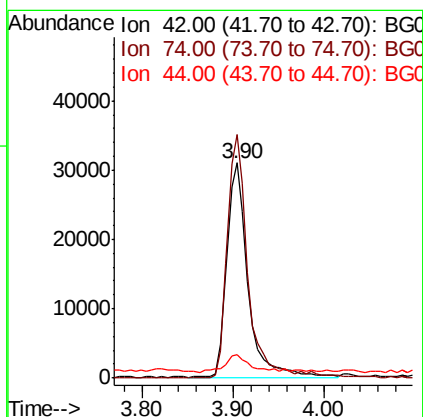
RT: 3.90 min Scan# 139

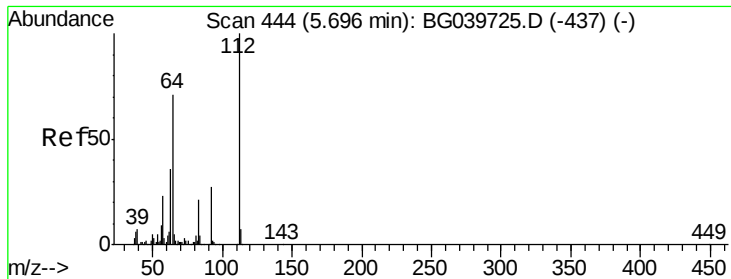
Delta R.T. -0.02 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Tgt Ion:	42	Resp:	50916
Ion Ratio	Lower	Upper	
42	100		
74	113.1	83.6	125.4
44	10.9	6.9	10.3#





#5

2-Fluorophenol

Concen: 143.588 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

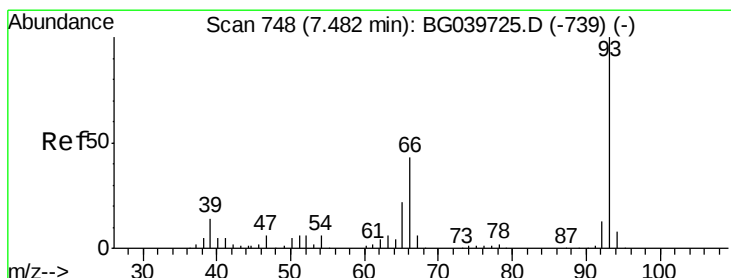
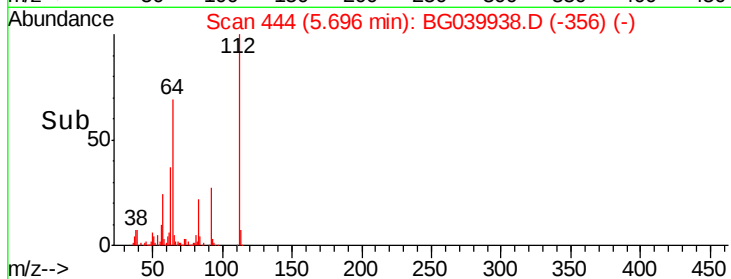
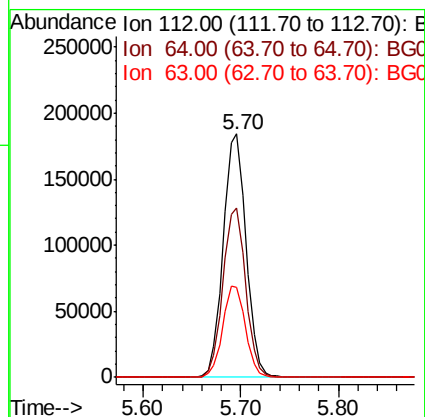
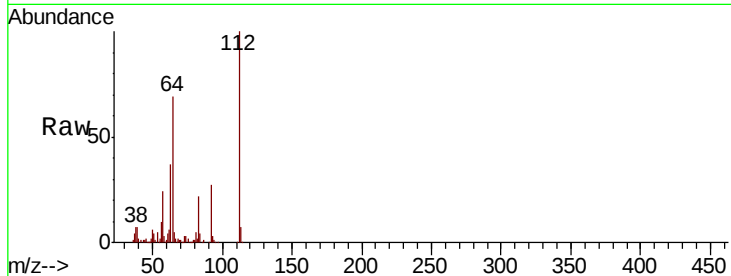
ClientSampleId :

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Tot Ion:	112	Resp:	298680
Ion Ratio	Lower	Upper	
112	100		
64	69.3	57.8	86.8
63	36.9	29.8	44.6

Manual Integrations
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#6

Aniline

Concen: 28.543 ng

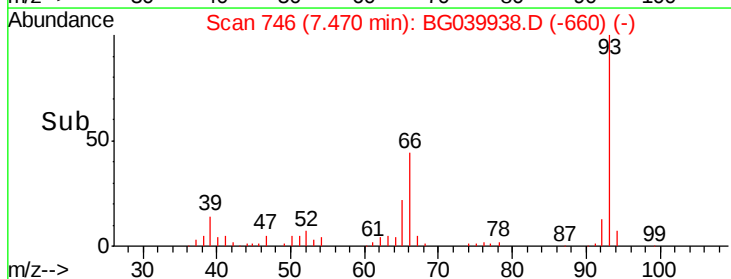
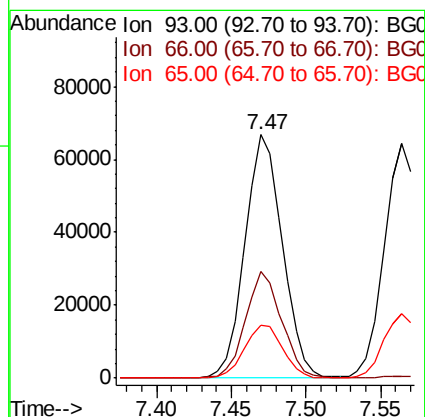
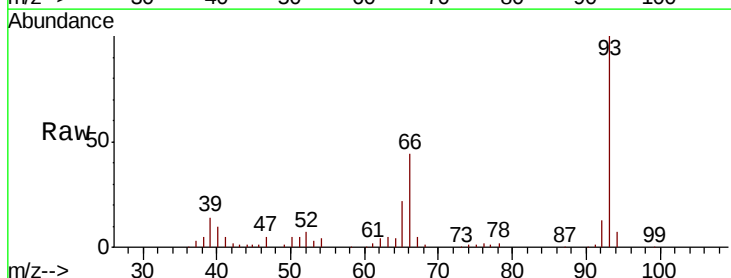
RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Tgt Ion:	93	Resp:	115983
Ion Ratio	Lower	Upper	
93	100		
66	43.7	34.2	51.4
65	21.7	17.7	26.5





#7

Phenol-d6

Concen: 133.105 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

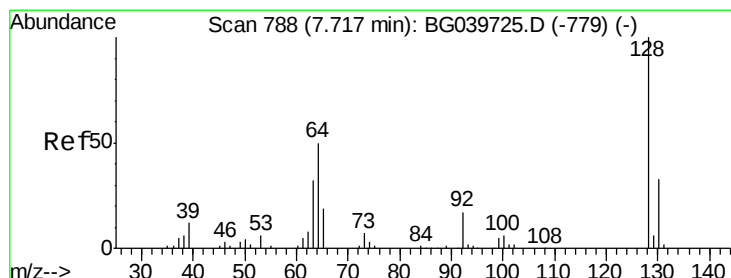
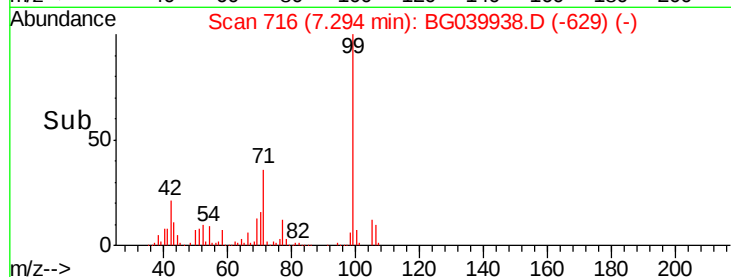
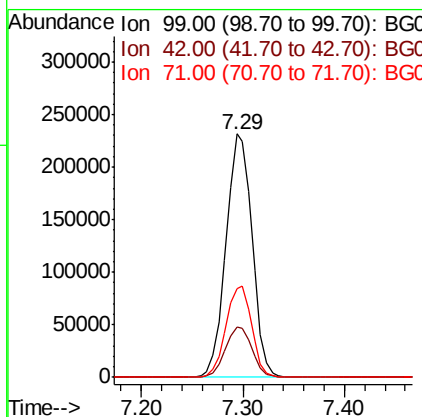
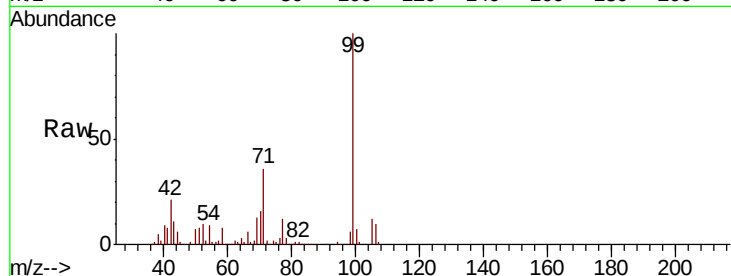
ClientSampleId :

PB117948BS

Tot Ion:	99	Resp:	412834
Ion Ratio	Lower	Upper	
99	100		
42	20.6	18.2	27.2
71	36.2	28.0	42.0

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#8

2-Chlorophenol

Concen: 41.450 ng

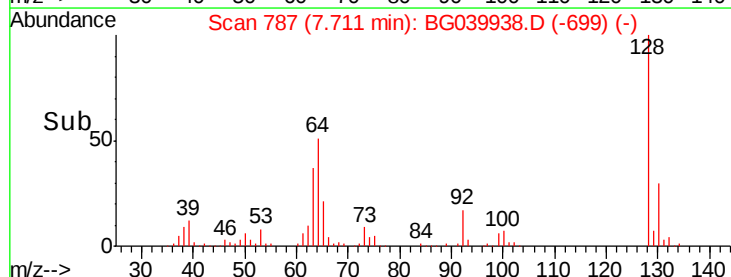
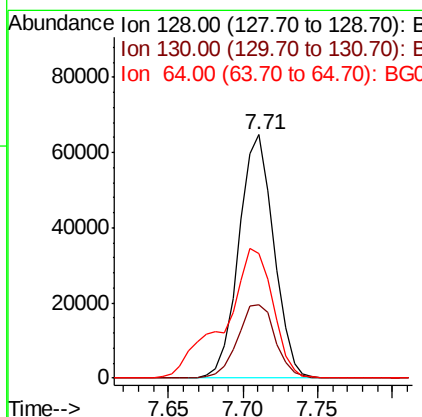
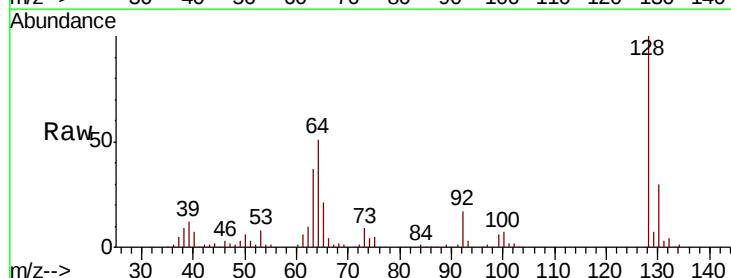
RT: 7.71 min Scan# 787

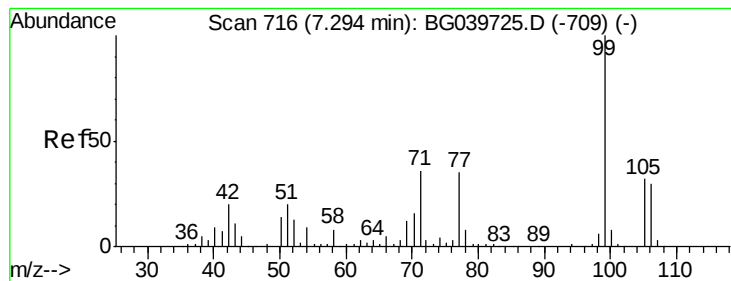
Delta R.T. -0.01 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Tgt Ion:	128	Resp:	104601
Ion Ratio	Lower	Upper	
128	100		
130	30.3	12.9	52.9
64	51.4	38.7	78.7





#9

Benzaldehyde

Concen: 28.829 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

ClientSampleId :

PB117948BS

Tot Ion: 77 Resp: 57679

Ion Ratio Lower Upper

77 100

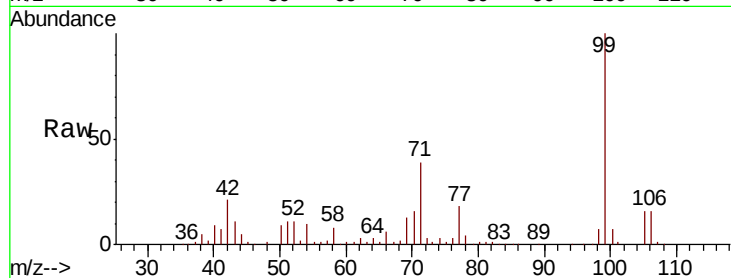
105 91.7 74.5 114.5

106 91.6 68.0 108.0

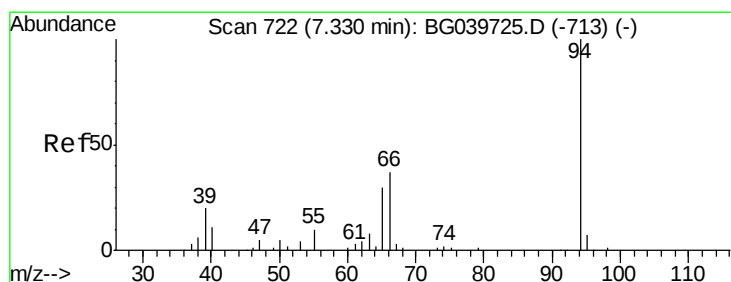
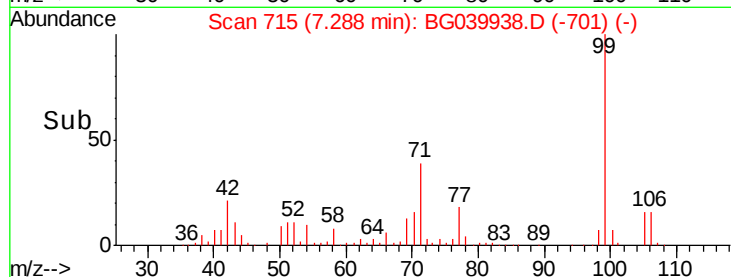
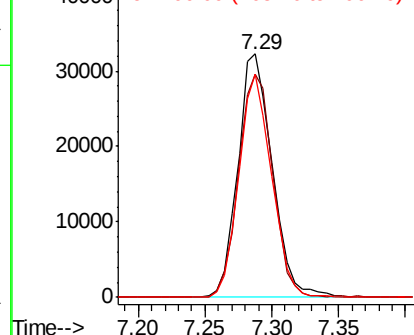
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.822 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

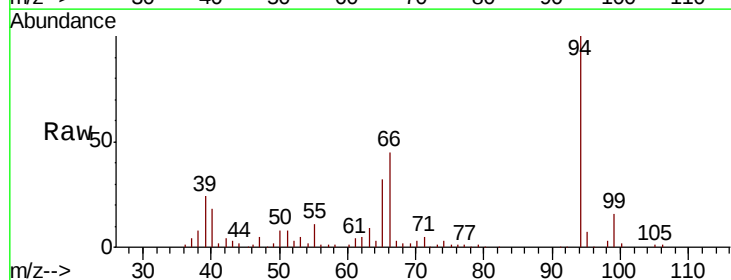
Tgt Ion: 94 Resp: 140522

Ion Ratio Lower Upper

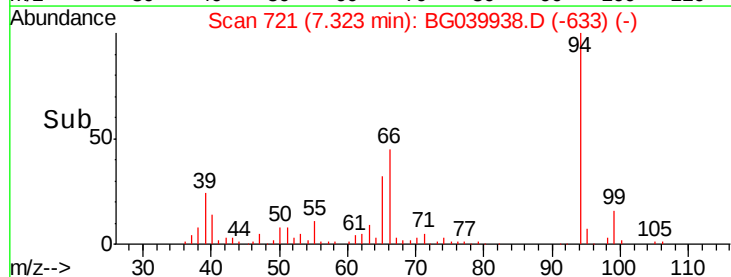
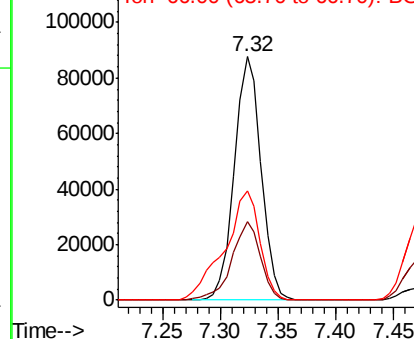
94 100

65 32.4 11.7 51.7

66 44.9 23.7 63.7



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





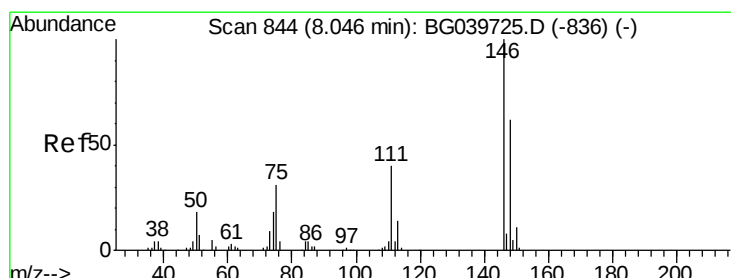
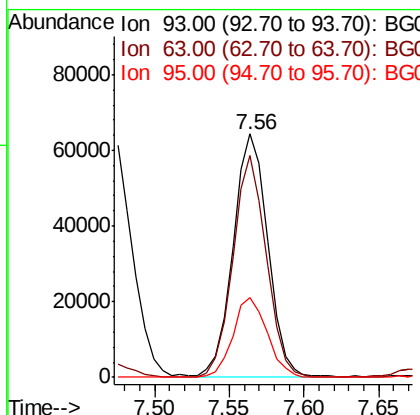
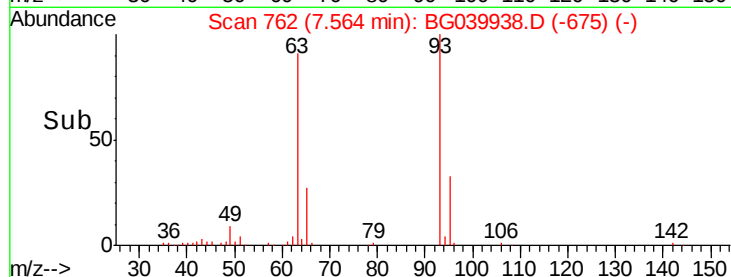
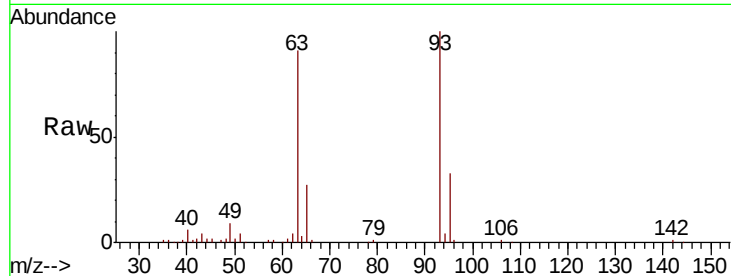
#11
bis(2-Chloroethyl)ether
Concen: 39.619 ng
RT: 7.56 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.0	69.5	109.5
95	32.6	12.7	52.7

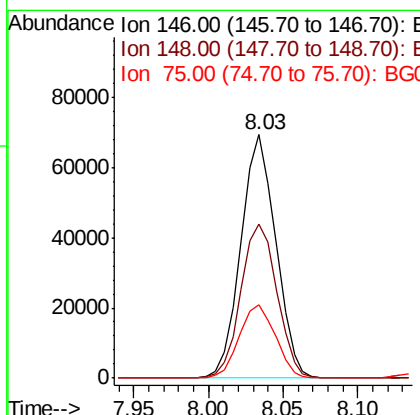
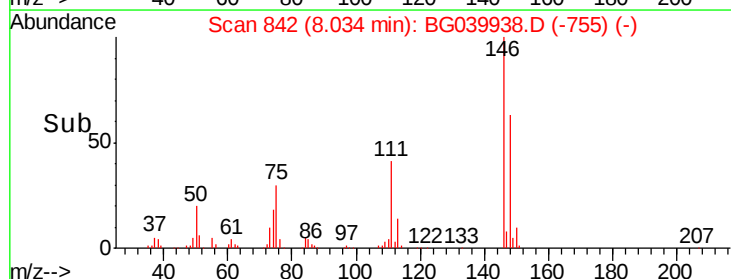
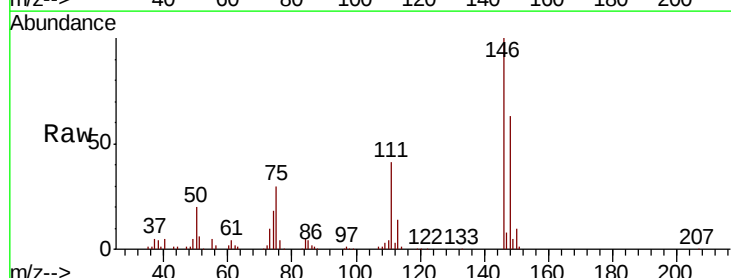
Manual Integrations
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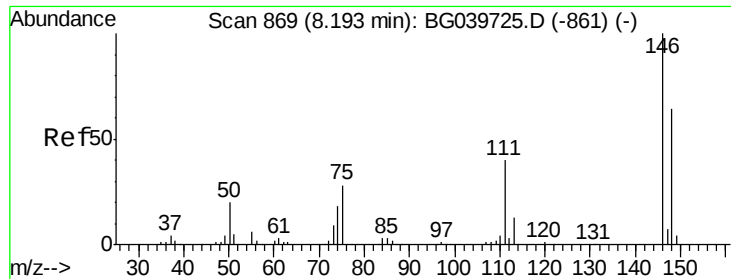
Sohil
3/18/2019 3:02:37 PM



#12
1,3-Dichlorobenzene
Concen: 39.376 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.6	79.0
75	30.1	25.8	38.6





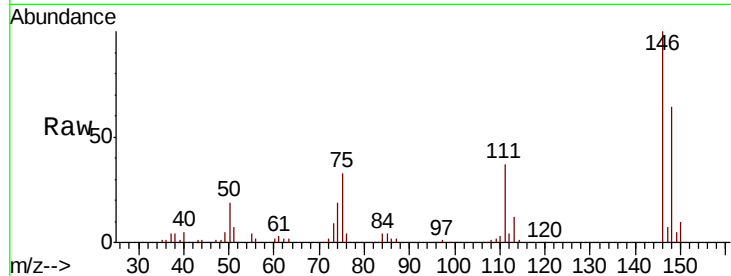
#13
 1,4-Dichlorobenzene
 Concen: 40.614 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG039938.D
 Acq: 15 Mar 2019 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117948BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	37.1	32.6	48.8

Manual Integrations
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Sohil
 3/18/2019 3:02:37 PM

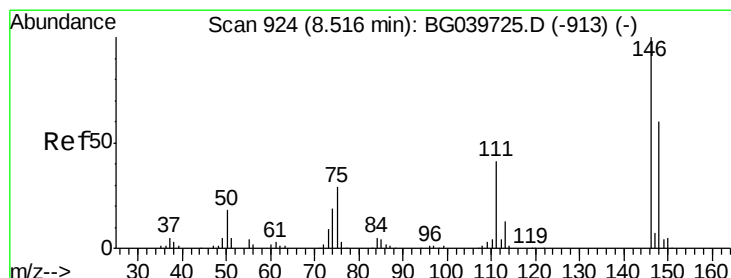
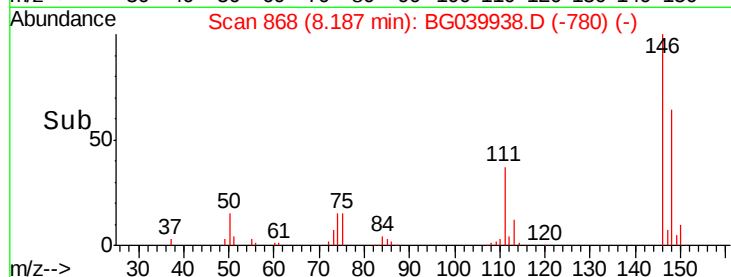
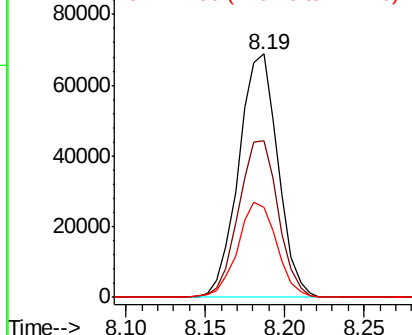


Abundance

Ion 146.00 (145.70 to 146.70): E

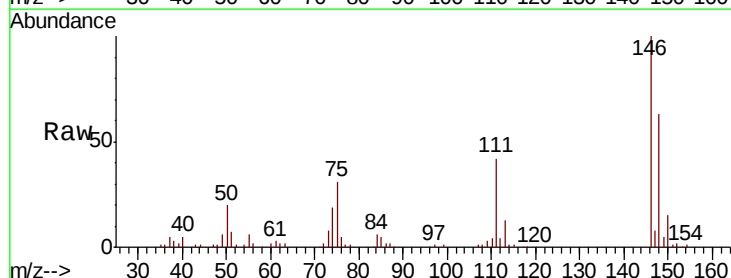
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.233 ng
 RT: 8.50 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039938.D
 Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.5	77.3
111	42.4	33.8	50.6

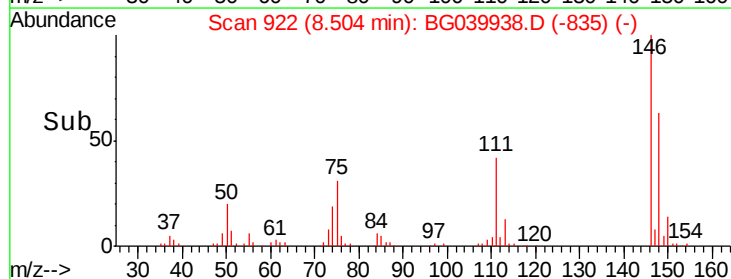
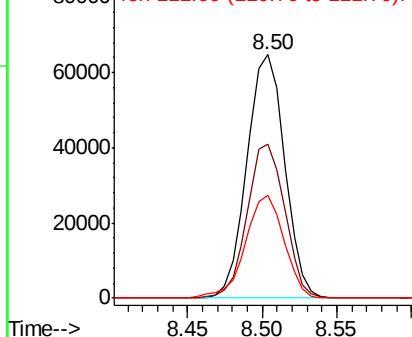


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.018 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

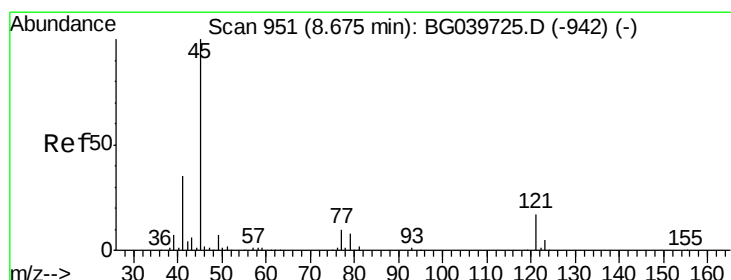
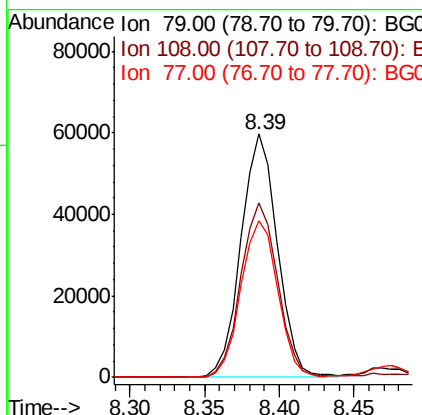
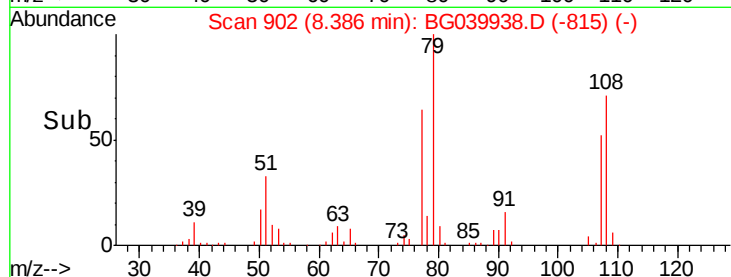
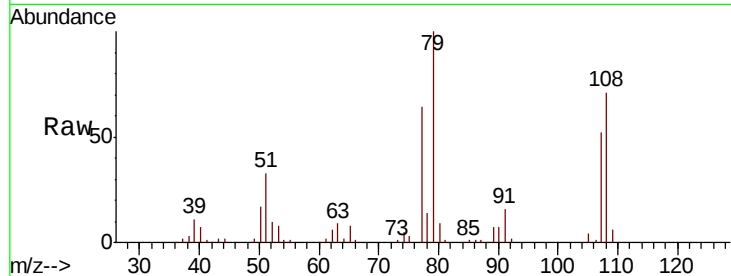
ClientSampleId :

PB117948BS

Tot Ion:	79	Resp:	100917
Ion Ratio	Lower	Upper	
79	100		
108	71.4	57.8	86.6
77	64.1	51.1	76.7

Manual Integrations
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Sohil
3/18/2019 3:02:37 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.715 ng

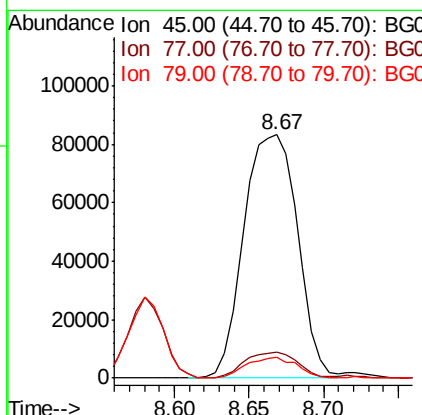
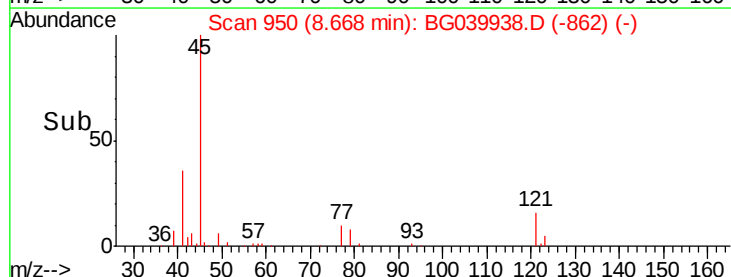
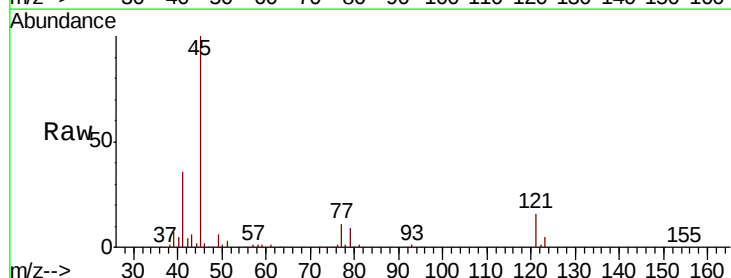
RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Tgt Ion:	45	Resp:	208082
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	30.0
79	8.8	0.0	27.5





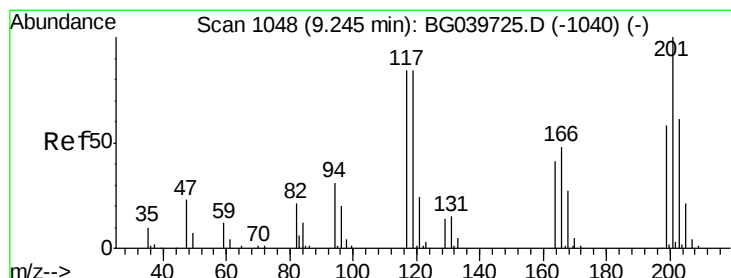
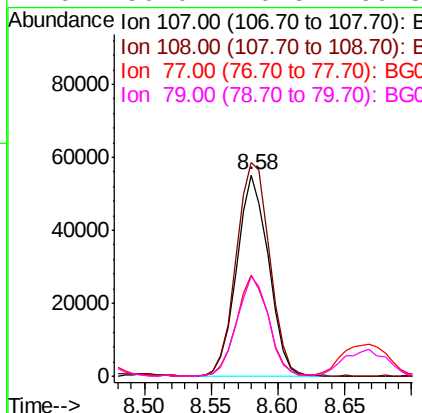
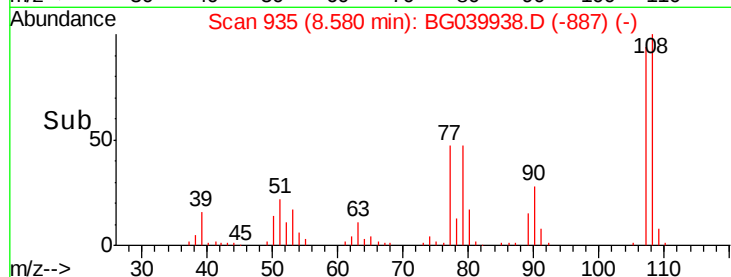
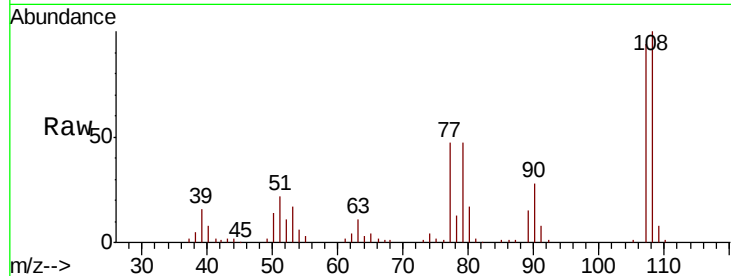
#17
2-Methylphenol
Concen: 42.470 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampled :
PB117948BS

Tot Ion	107	Resp	90990
Ion Ratio	Lower	Upper	
107	100		
108	106.2	90.8	136.2
77	50.3	40.7	61.1
79	50.0	40.6	60.8

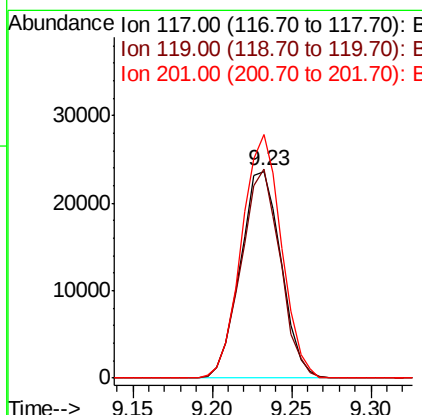
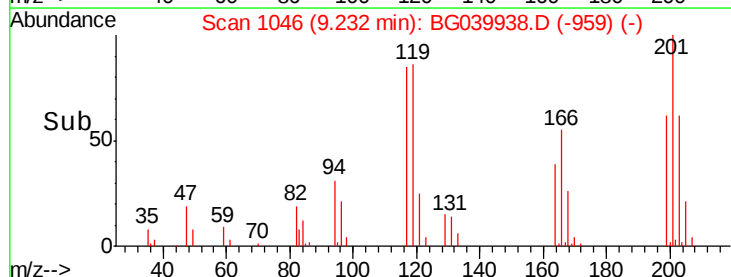
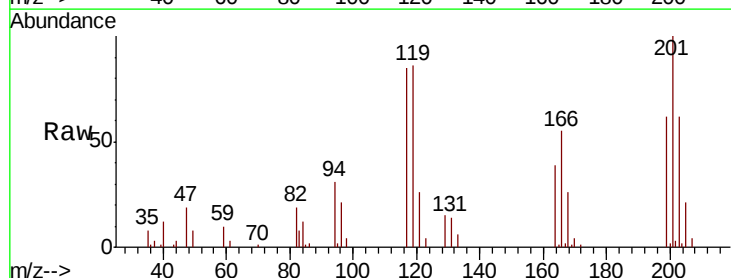
Manual Integrations
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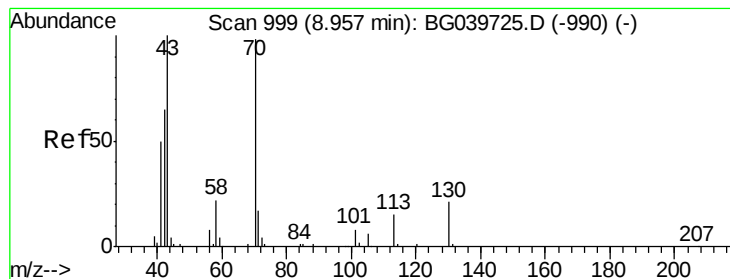
Sohil
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#18
Hexachloroethane
Concen: 40.514 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	117	Resp	42261
Ion Ratio	Lower	Upper	
117	100		
119	100.9	76.3	114.5
201	117.5	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.888 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

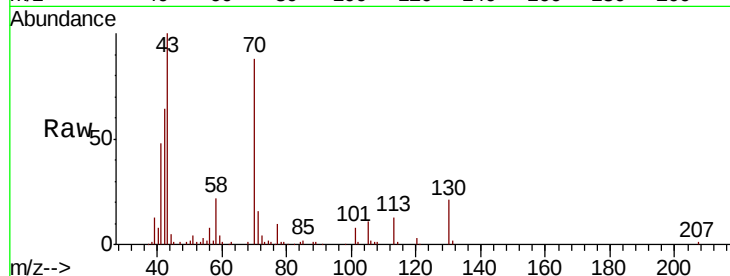
ClientSampleId :

PB117948BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.4	60.4	90.6	
101	9.4	7.5	11.3	
130	23.9	16.9	25.3	

Manual Integrations
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3/18/2019 3:02:37 PM



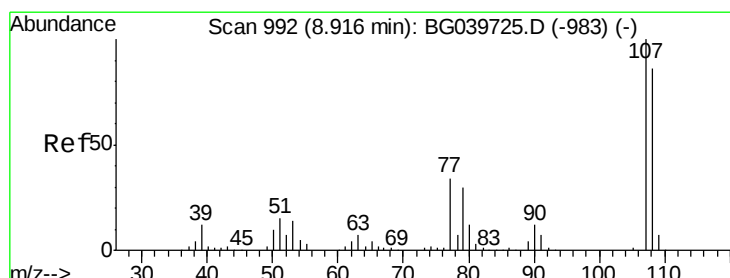
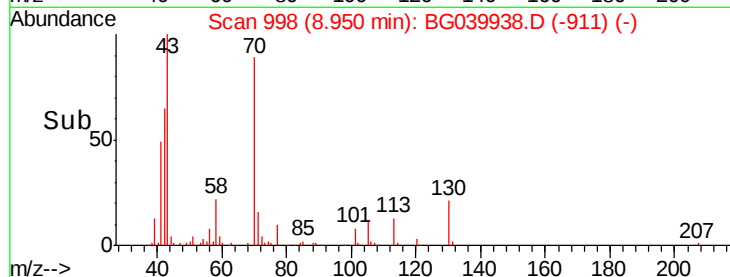
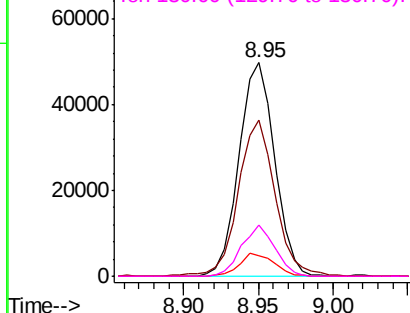
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.220 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.4	67.9	107.9	
77	36.7	15.4	55.4	
79	34.1	13.7	53.7	

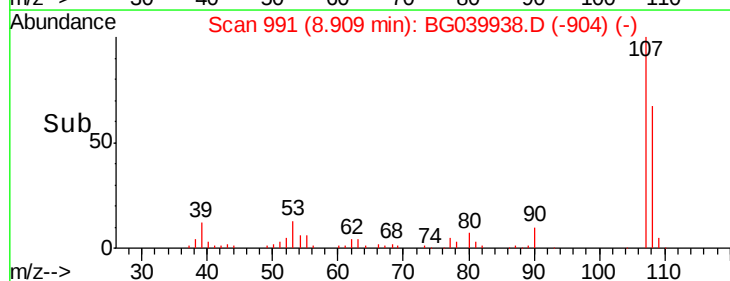
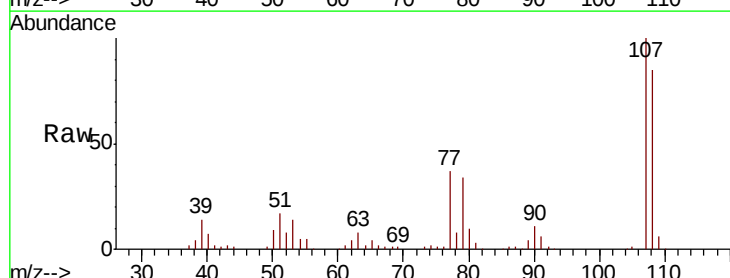
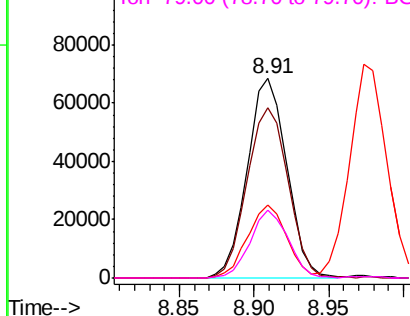
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





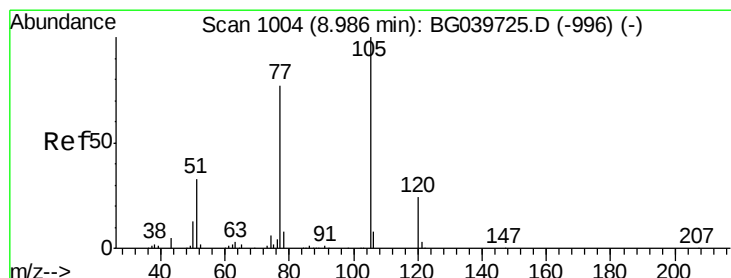
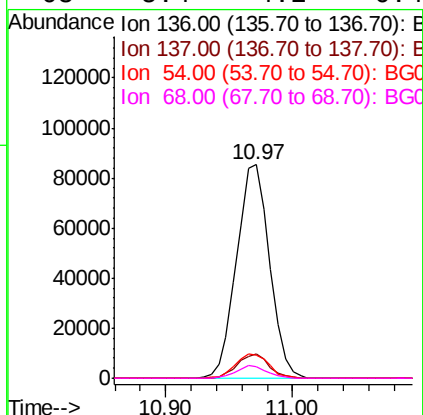
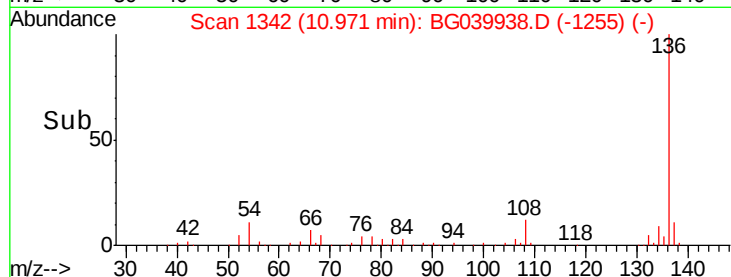
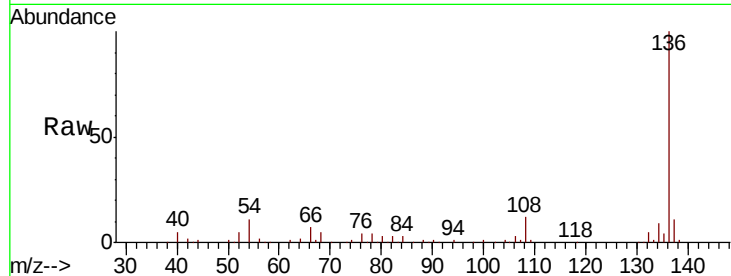
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	153720		
137	11.3		9.1	13.7
54	10.6		9.4	14.2
68	5.4		4.2	6.4

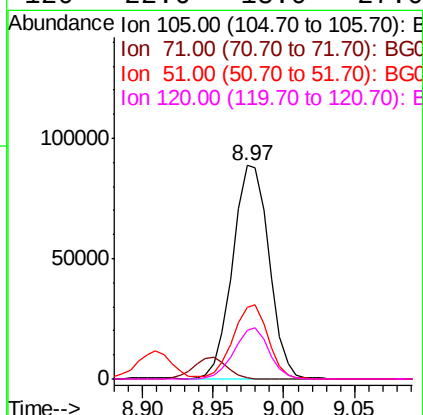
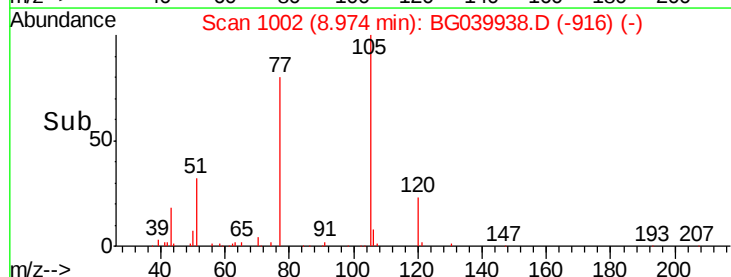
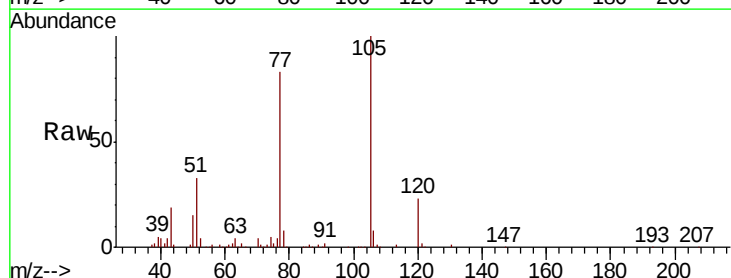
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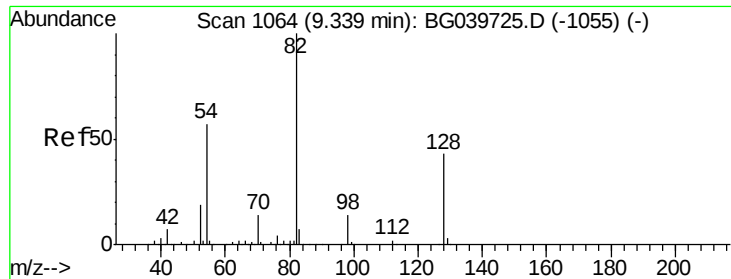
Sohil
3/18/2019 3:02:37 PM



#22
Acetophenone
Concen: 38.879 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	160407		
71	0.6		0.8	1.2#
51	33.5		30.2	45.2
120	22.6		18.0	27.0





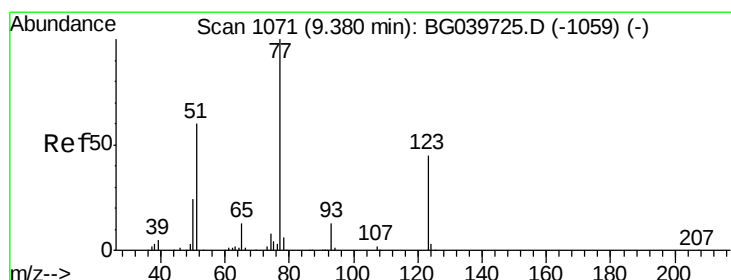
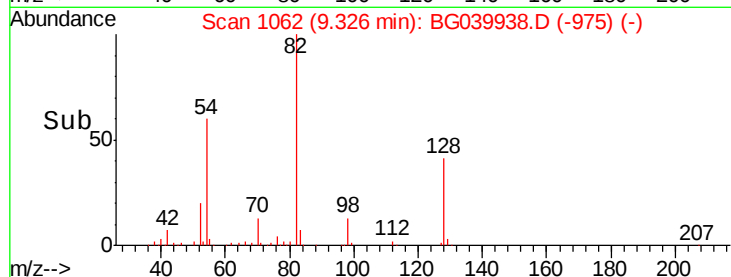
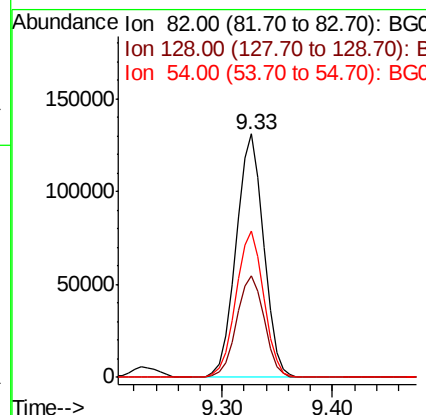
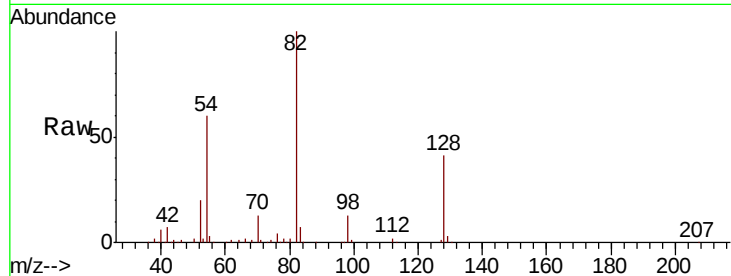
#23
 Nitrobenzene-d5
 Concen: 80.978 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039938.D
 Acq: 15 Mar 2019 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117948BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	230159		
128	41.4	31.3	46.9	
54	59.9	50.9	76.3	

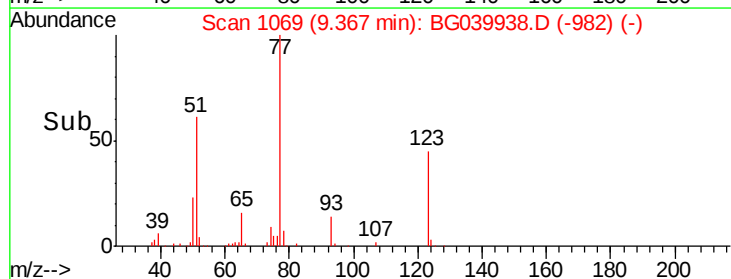
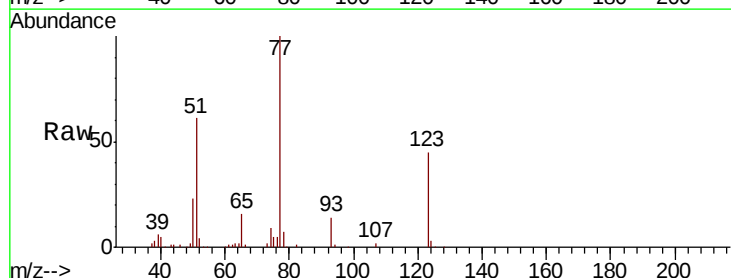
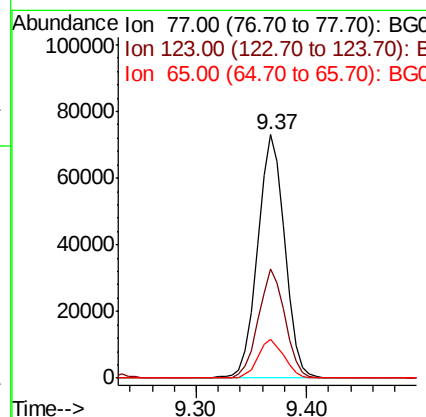
Manual Integrations
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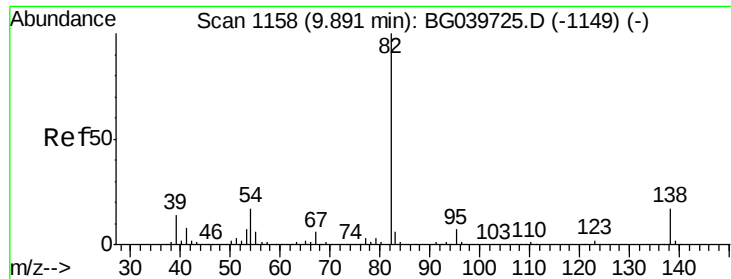
Sohil
 3/18/2019 3:02:37 PM



#24
 Nitrobenzene
 Concen: 42.102 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG039938.D
 Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	125536		
123	44.7	34.1	51.1	
65	15.7	12.3	18.5	





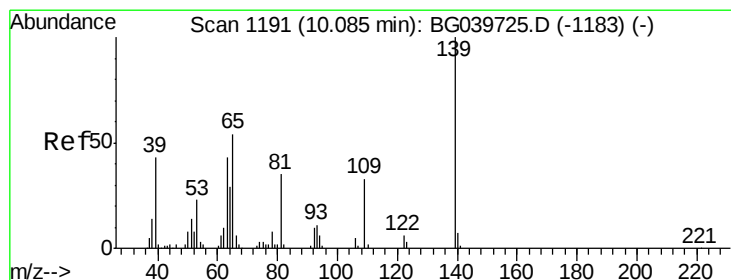
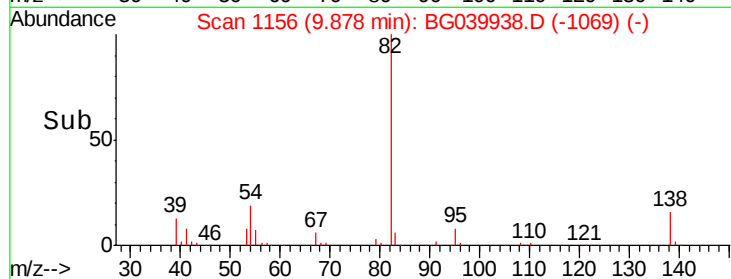
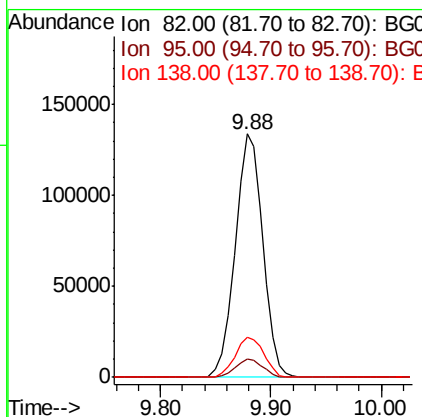
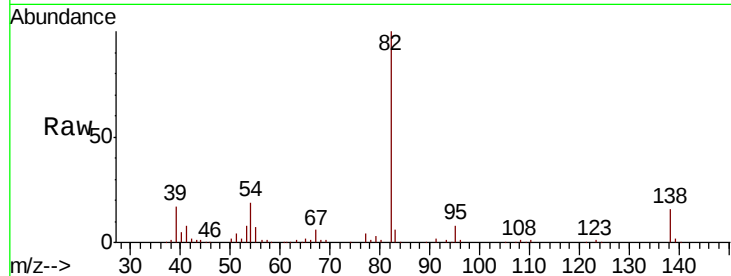
#25
Isophorone
Concen: 39.318 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
95	7.6	6.2	9.2		
138	16.4	13.0	19.4		

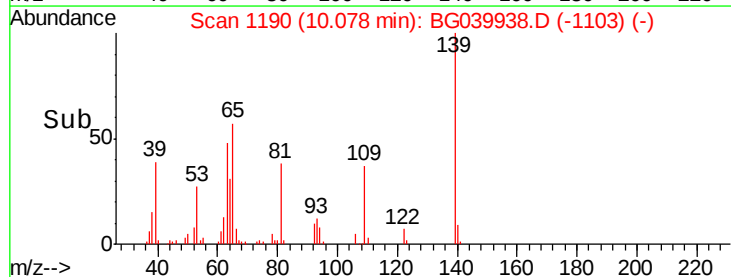
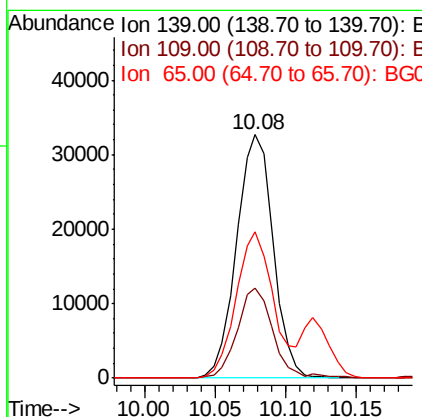
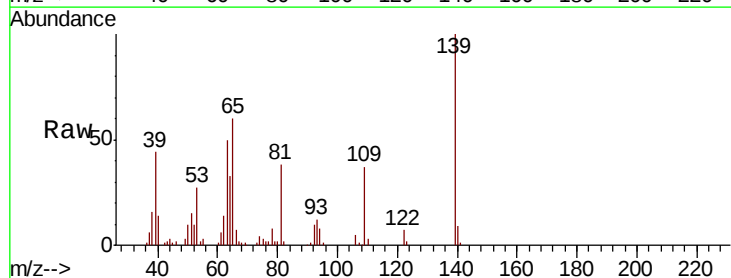
Manual Integrations
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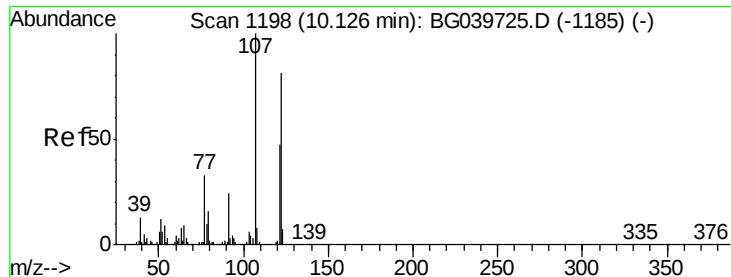
Sohil
3/18/2019 3:02:37 PM



#26
2-Nitrophenol
Concen: 41.070 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	100				
109	36.8	23.4	35.0#		
65	60.3	44.3	66.5		





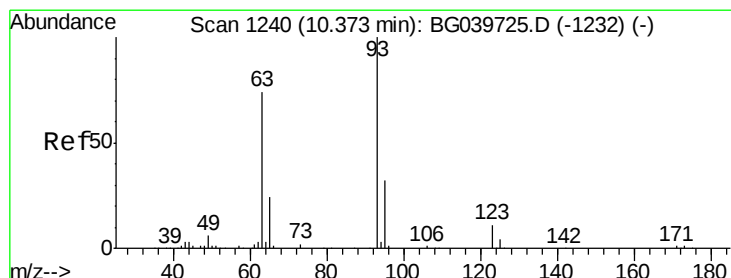
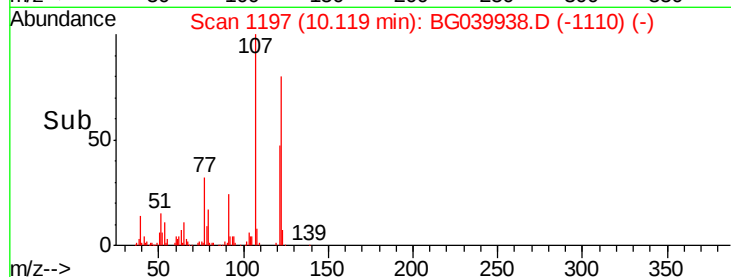
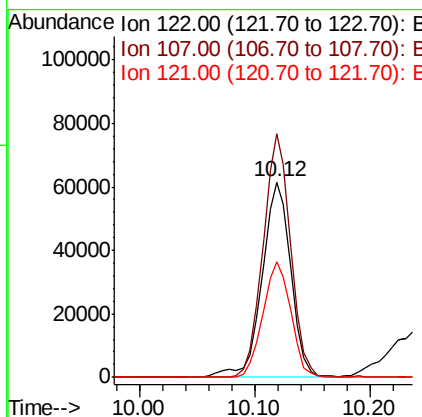
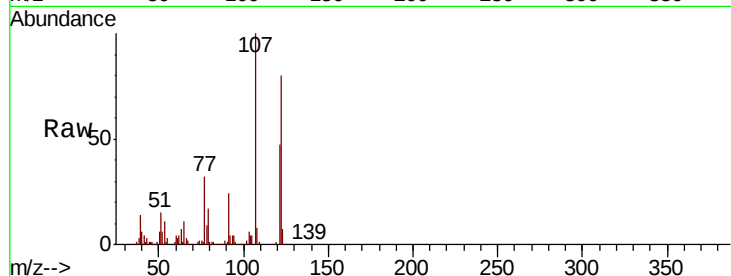
#27
2,4-Dimethylphenol
Concen: 47.624 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	124.8	91.7	137.5	
121	59.3	46.4	69.6	

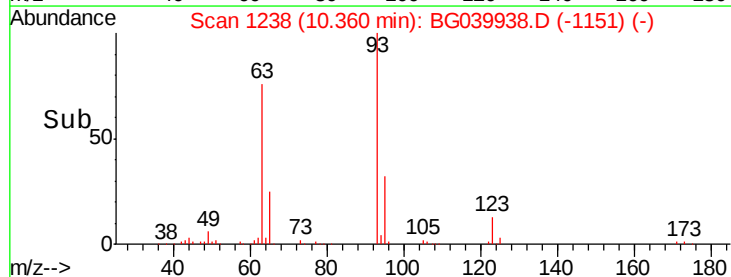
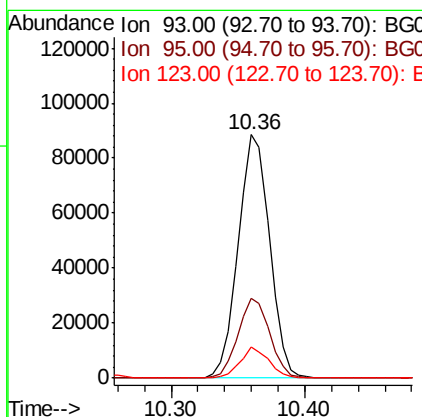
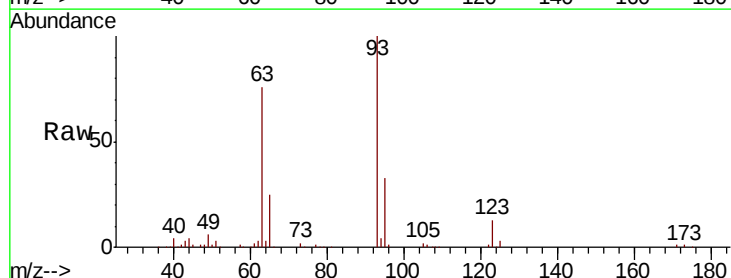
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 39.815 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.8	25.0	37.4	
123	12.9	8.6	12.8#	





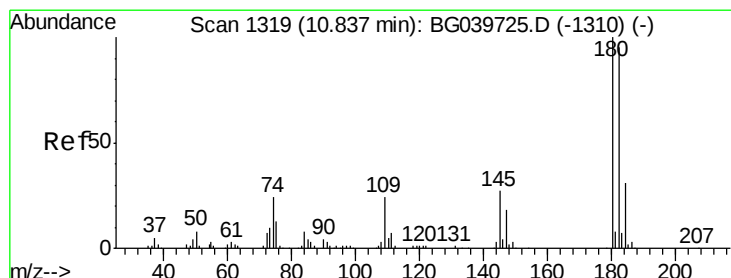
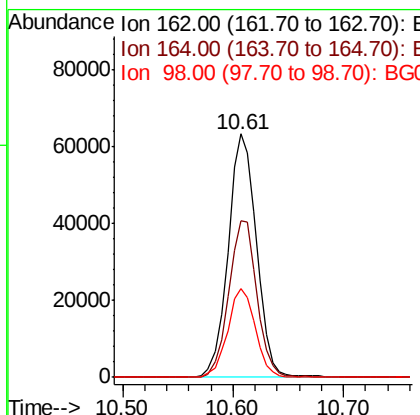
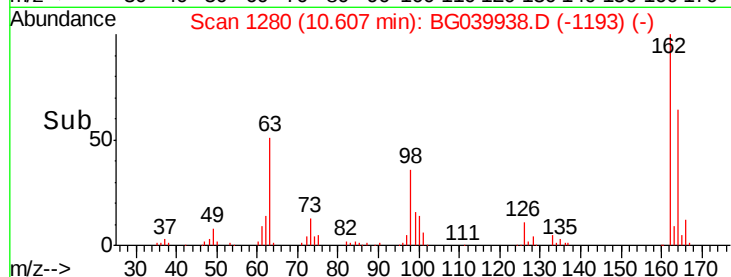
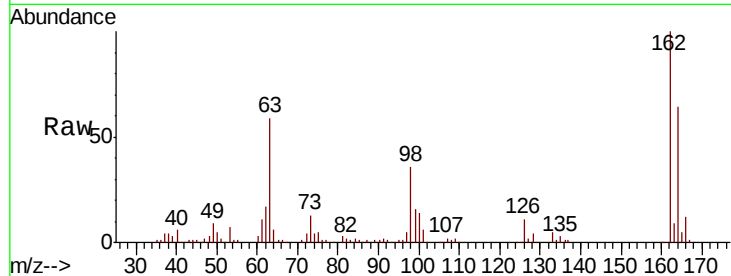
#29
 2,4-Dichlorophenol
 Concen: 45.014 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039938.D
 Acq: 15 Mar 2019 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117948BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	64.4	48.1	88.1		
98	36.4	18.1	58.1		

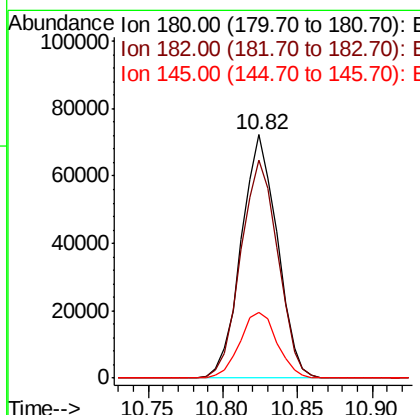
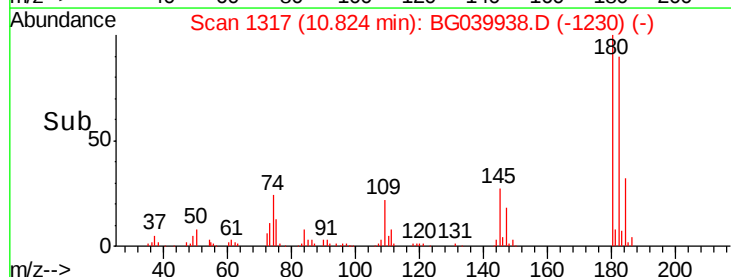
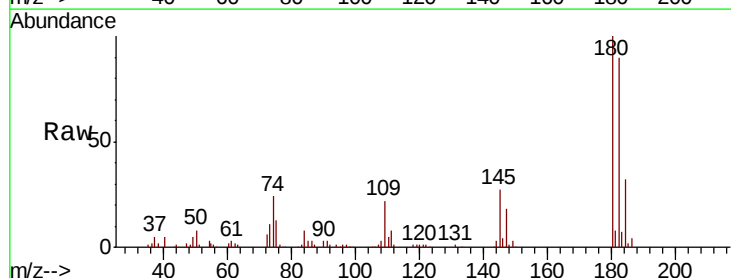
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.498 ng
 RT: 10.82 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG039938.D
 Acq: 15 Mar 2019 12:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	89.7	76.0	114.0		
145	26.8	22.7	34.1		





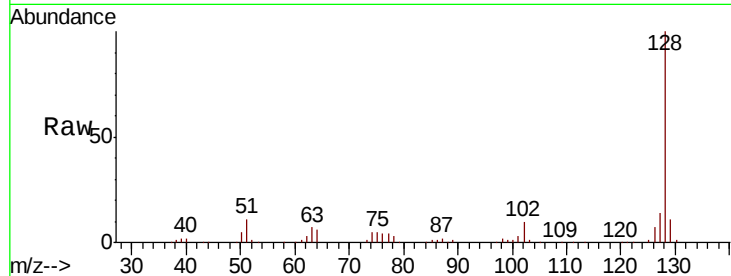
#31
Naphthalene
Concen: 40.911 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.7	10.8	16.2

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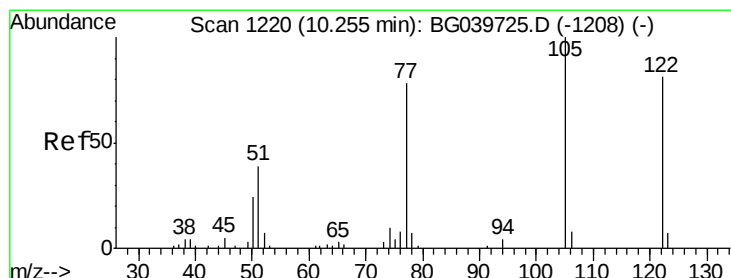
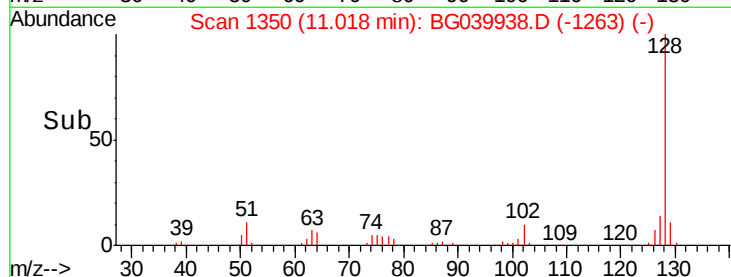
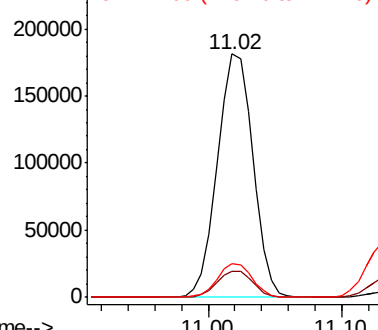


Abundance

Ion 128.00 (127.70 to 128.70): E

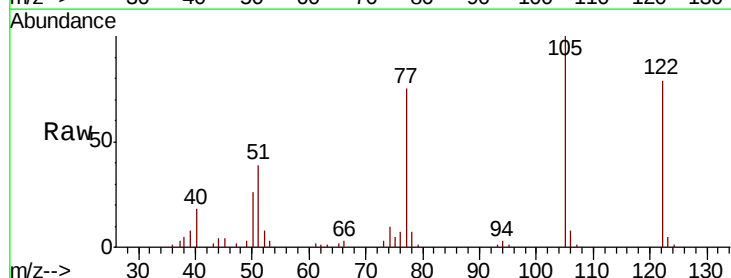
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.713 ng
RT: 10.25 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.1	101.8	141.8
77	95.2	76.3	116.3

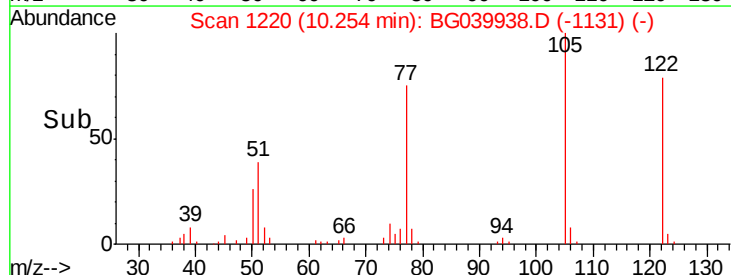
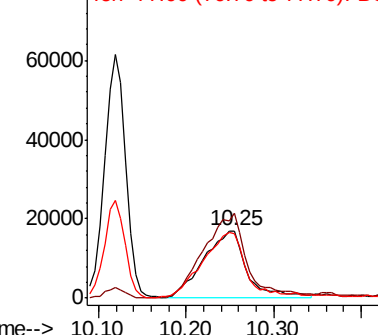


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





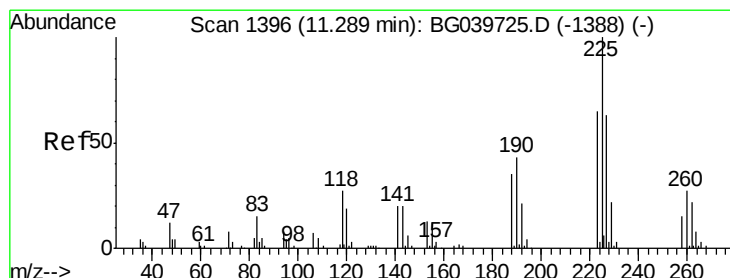
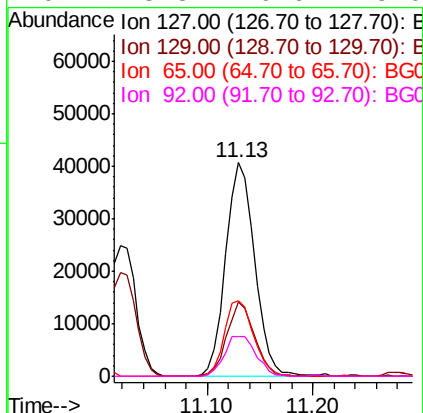
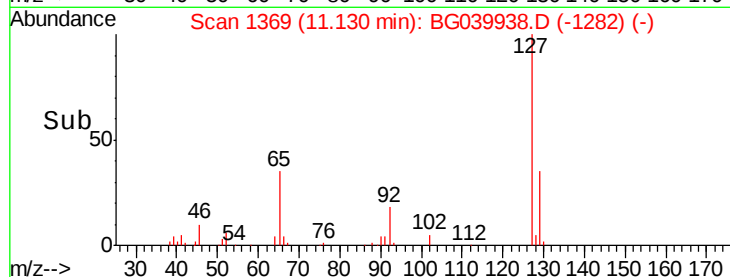
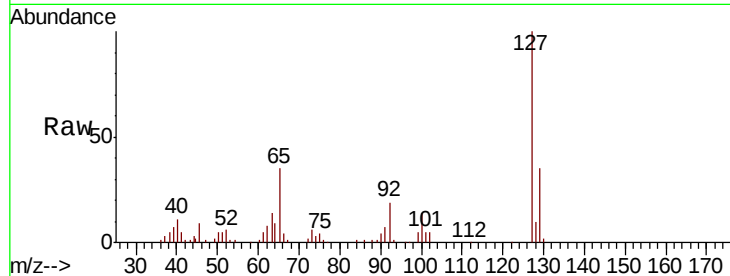
#33
4-Chloroaniline
Concen: 22.466 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.9	27.0	40.4		
65	35.3	28.8	43.2		
92	18.8	16.6	25.0		

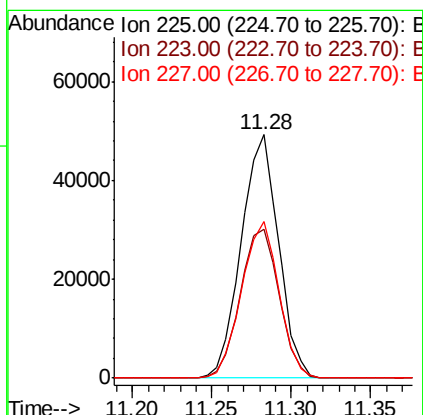
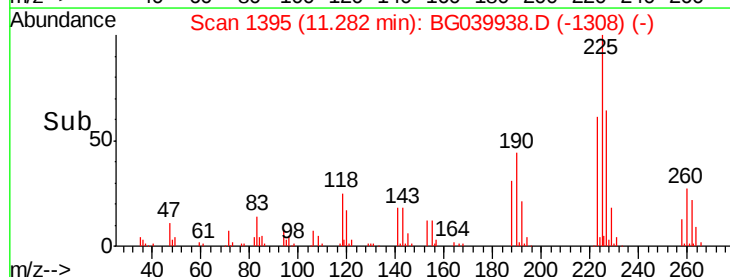
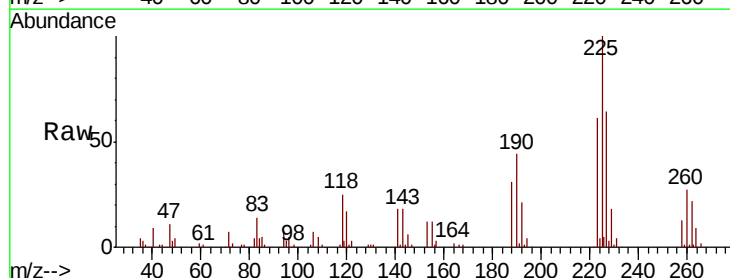
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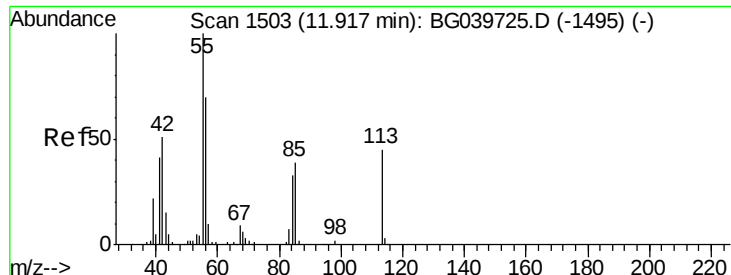
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#34
Hexachlorobutadiene
Concen: 41.480 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	49.0	73.6		
227	64.4	46.3	69.5		





#35

Caprolactam

Concen: 37.326 ng/mL

RT: 11.91 min Scan# 1501

Delta R.T. -0.04 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

ClientSampleId :

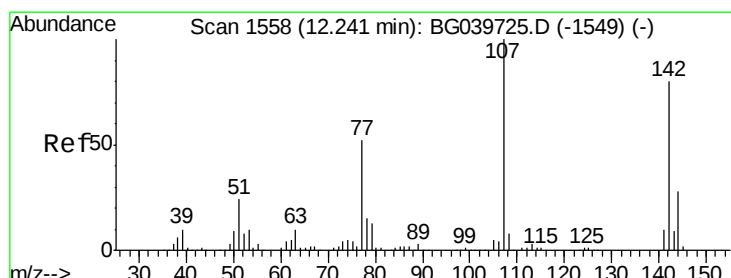
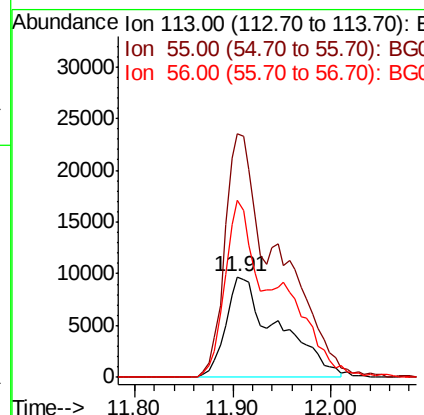
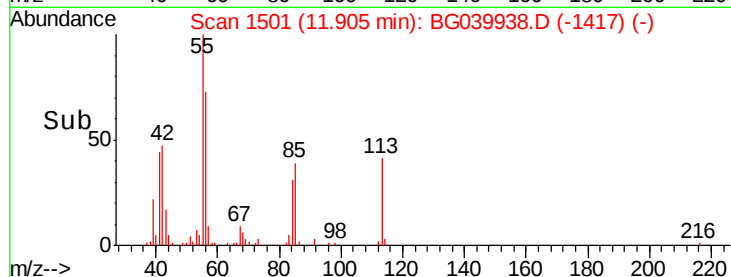
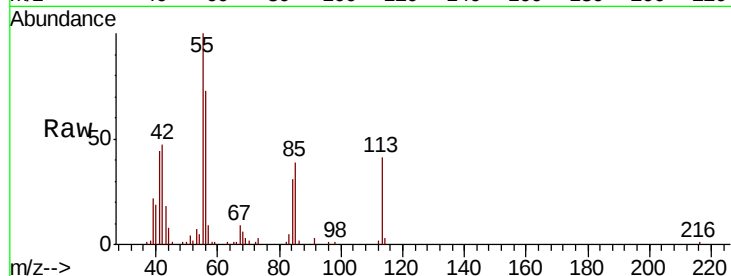
PB117948BS

Tot Ion: 113 Resp: 35944

Ion	Ratio	Lower	Upper
113	100		
55	242.1	216.9	256.9
56	176.1	152.6	192.6

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3/18/2019 3:02:37 PM



#36

4-Chloro-3-methylphenol

Concen: 40.842 ng/mL

RT: 12.23 min Scan# 1556

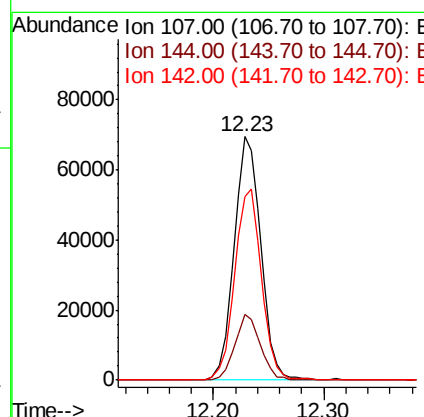
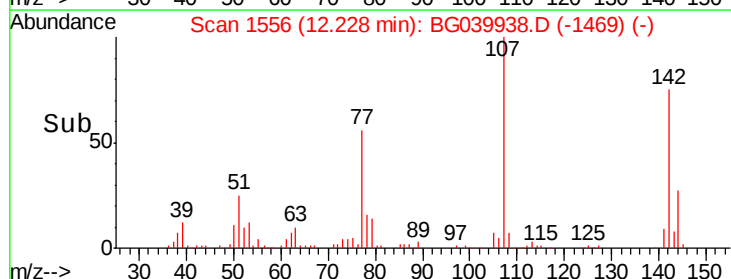
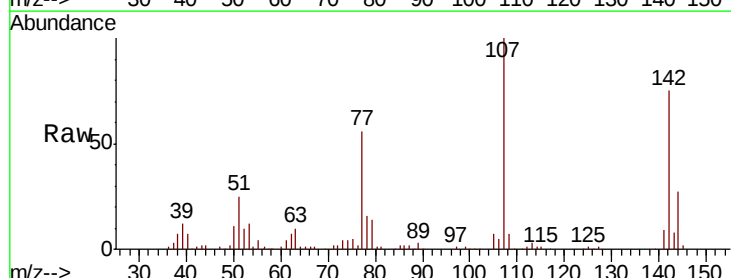
Delta R.T. -0.02 min

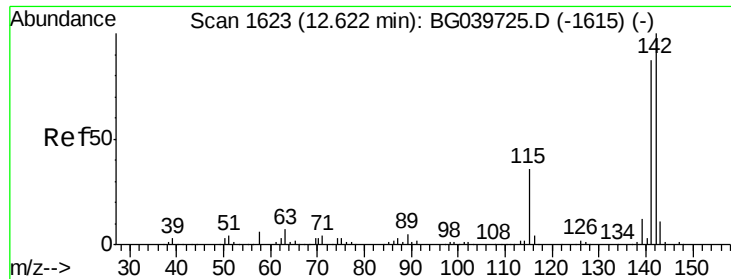
Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Tgt Ion: 107 Resp: 118022

Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.2	30.2
142	75.4	61.4	92.2





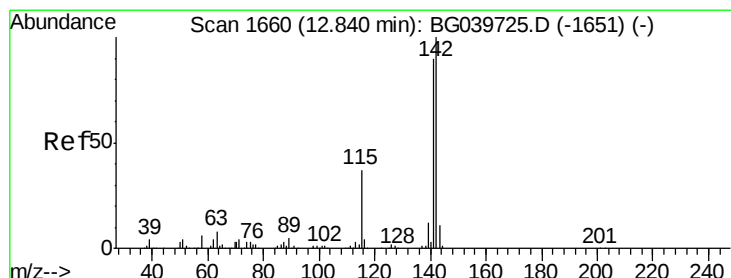
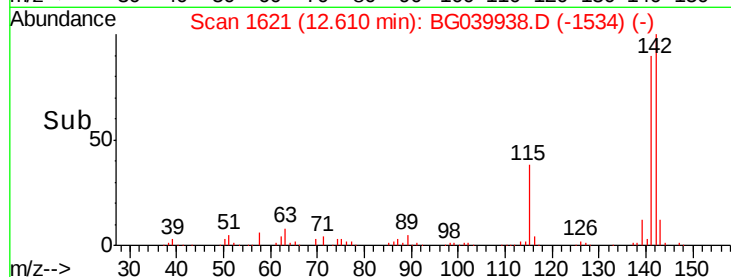
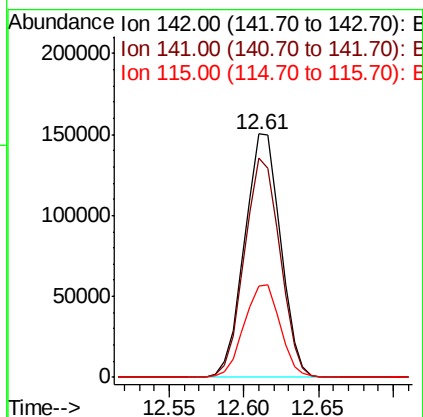
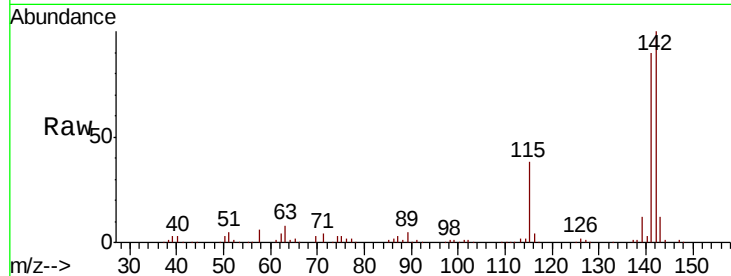
#37
2-Methylnaphthalene
Concen: 41.238 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.5	110.3
115	37.7	30.8	46.2

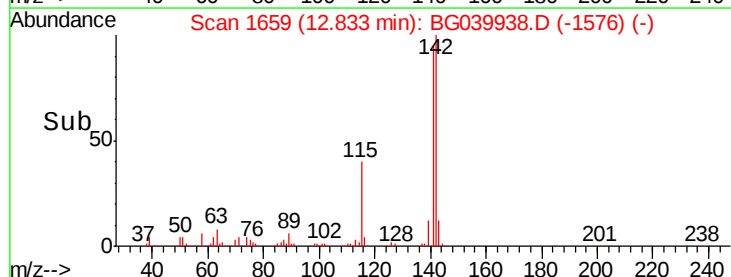
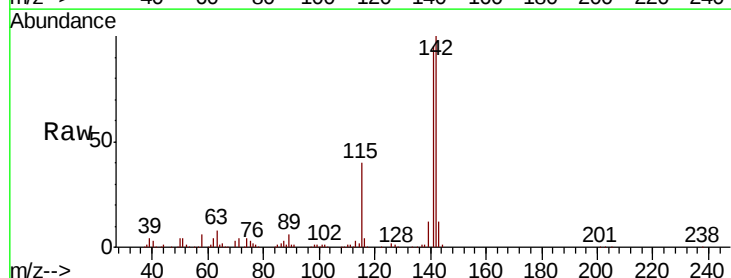
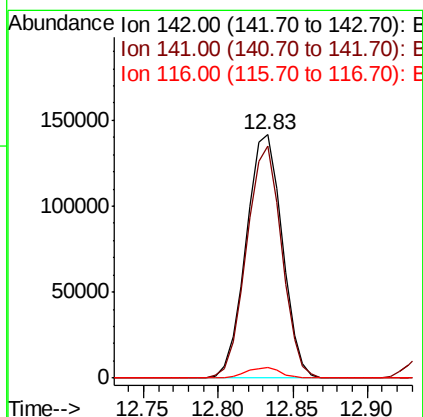
Manual Integrations
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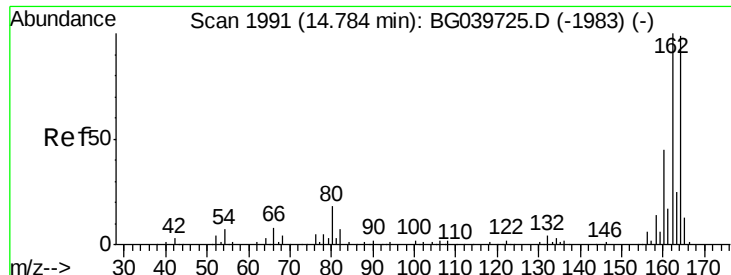
Sohil
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#38
1-Methylnaphthalene
Concen: 40.017 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	74.2	111.4
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

ClientSampleId :

PB117948BS

Tot Ion:164 Resp: 96244

Ion Ratio Lower Upper

164 100

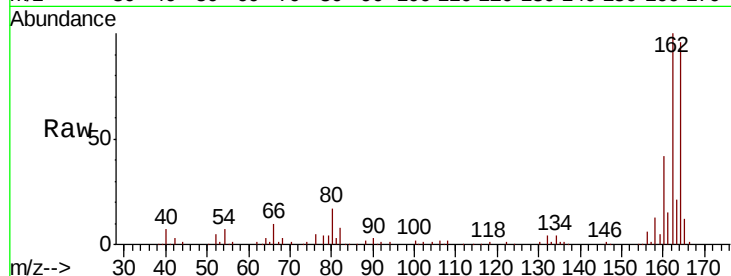
162 104.5 81.6 122.4

160 43.7 34.2 51.2

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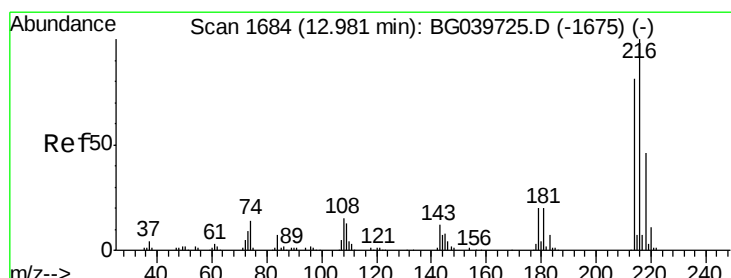
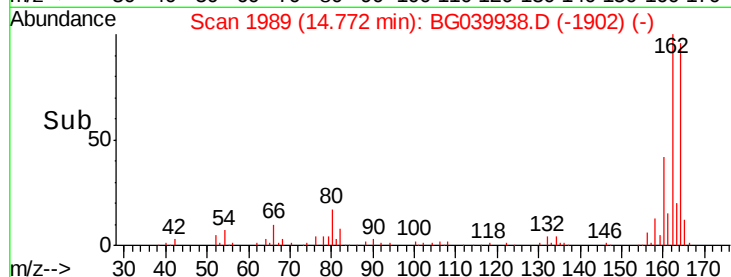
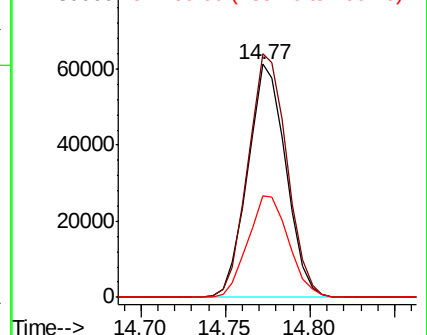


Abundance

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: 42.894 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Tgt Ion:216 Resp: 139856

Ion Ratio Lower Upper

216 100

214 78.8 62.6 94.0

179 20.3 16.6 25.0

108 18.5 14.0 21.0

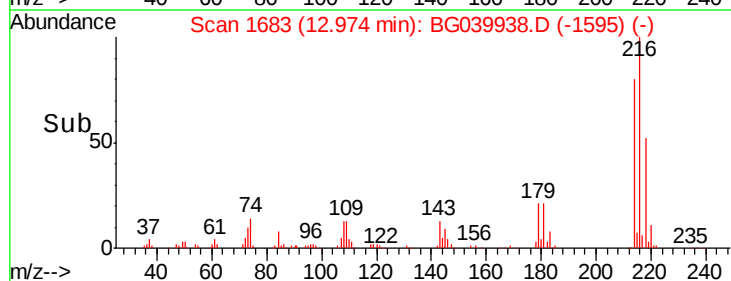
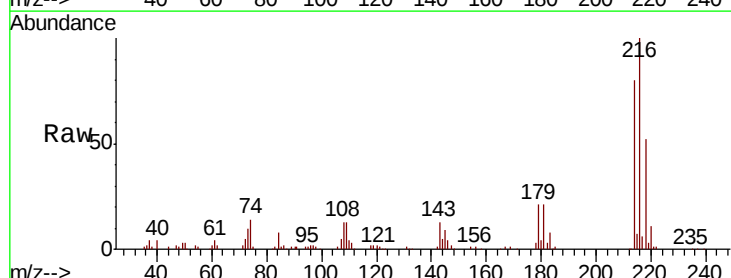
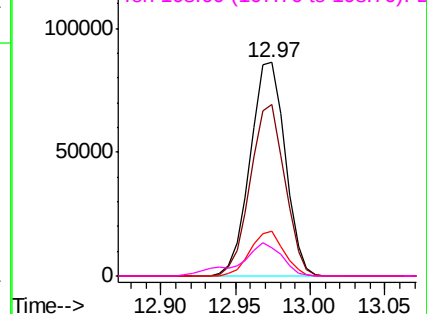
Abundance

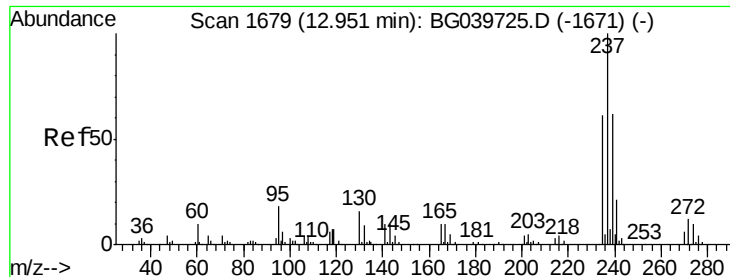
Ion 216.00 (215.70 to 216.70): E

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





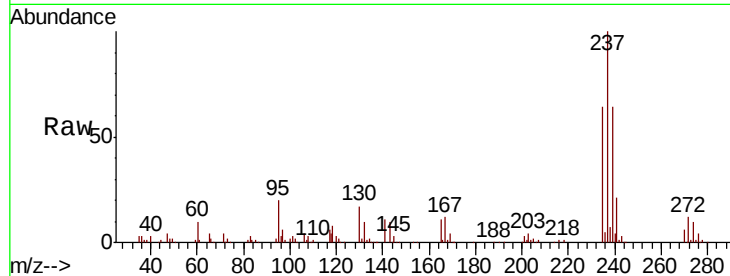
#41
Hexachlorocyclopentadiene
Concen: 107.200 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.6	43.3	83.3
272	12.0	0.0	32.3

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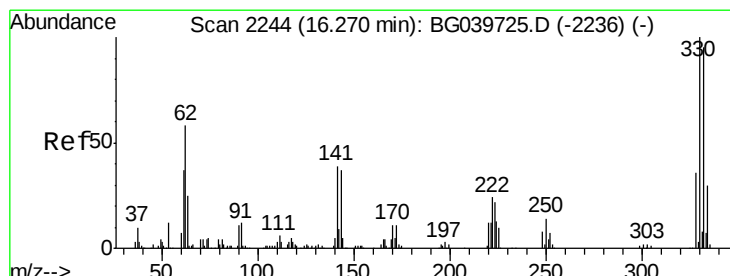
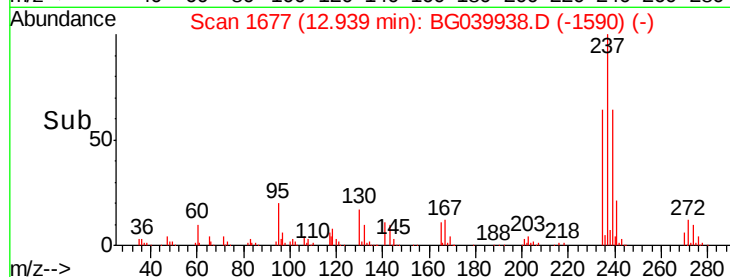
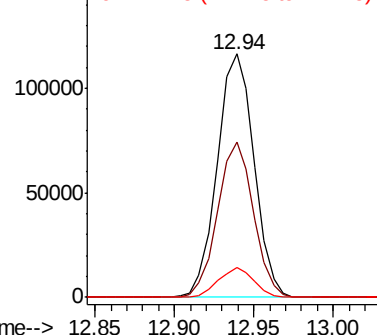


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 140.787 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

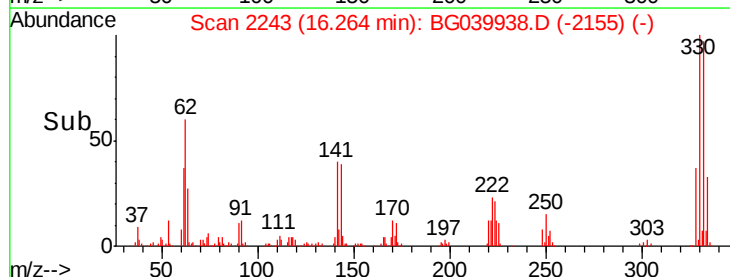
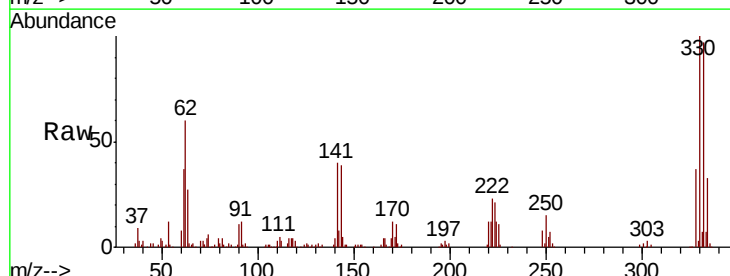
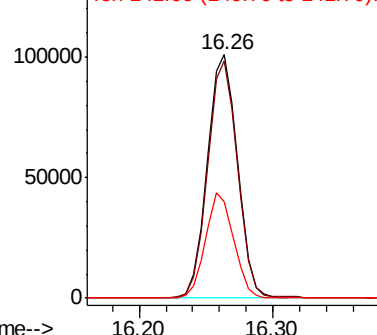
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.7	75.7	113.5
141	40.8	35.6	53.4

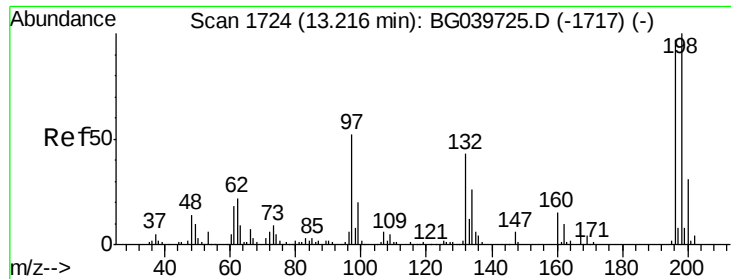
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





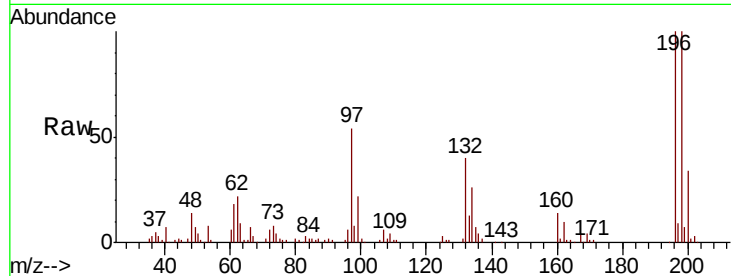
#43
 2,4,6-Trichlorophenol
 Concen: 47.706 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039938.D
 Acq: 15 Mar 2019 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117948BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	91064		
198	100.2	80.6	121.0	
200	34.1	26.1	39.1	

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 3/18/2019 3:02:37 PM

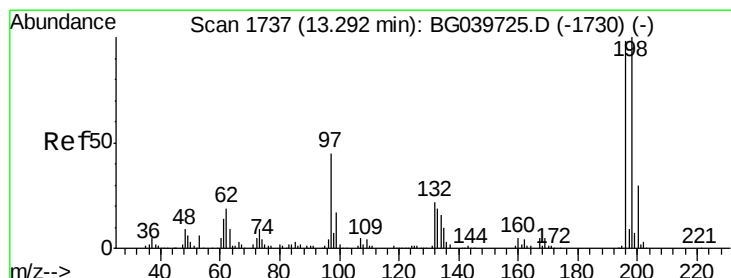
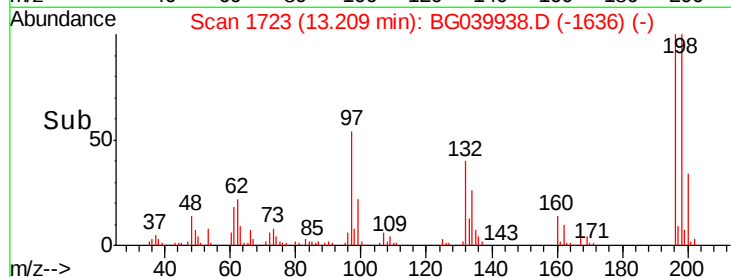
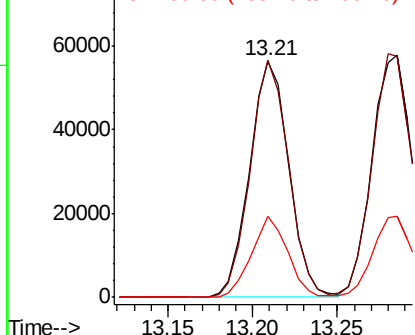


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.451 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039938.D
 Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95642		
198	99.4	78.5	117.7	
97	46.5	38.4	57.6	
132	24.4	19.2	28.8	

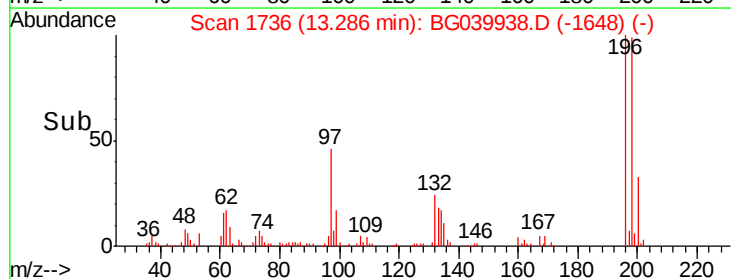
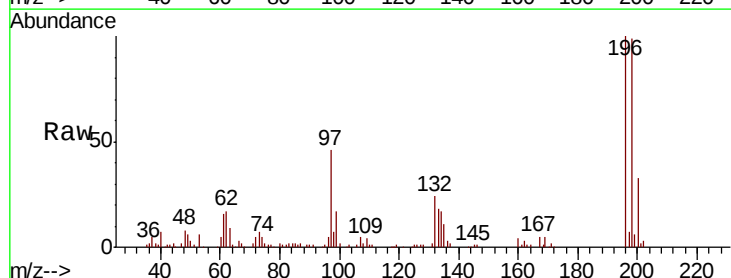
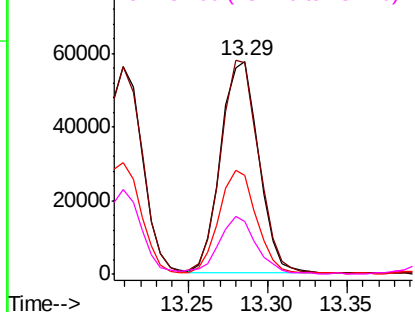
Abundance

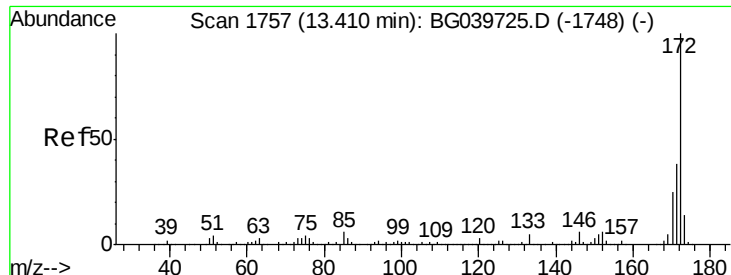
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





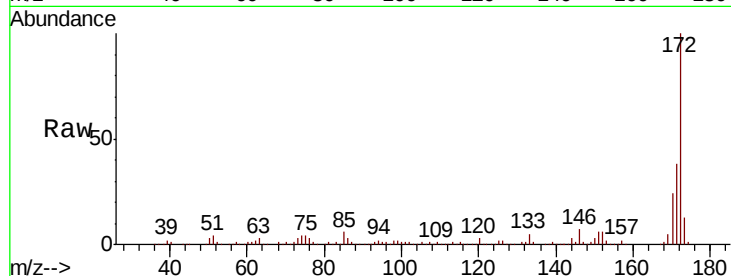
#45
2-Fluorobiphenyl
Concen: 82.575 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	24.4	20.2	30.4

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3/18/2019 3:02:37 PM

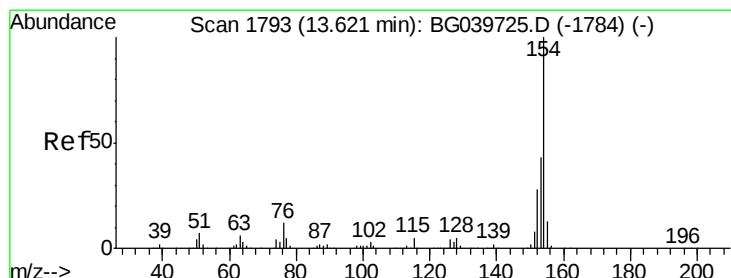
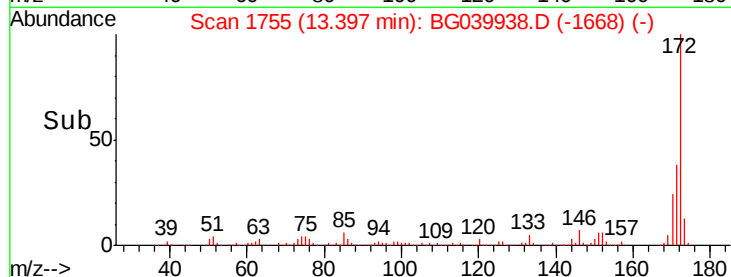
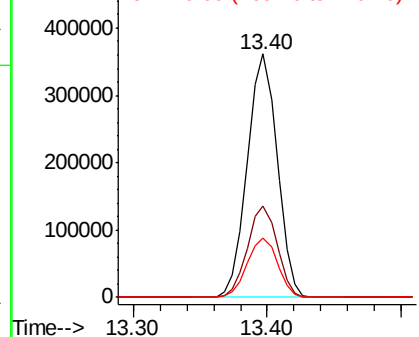


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.451 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

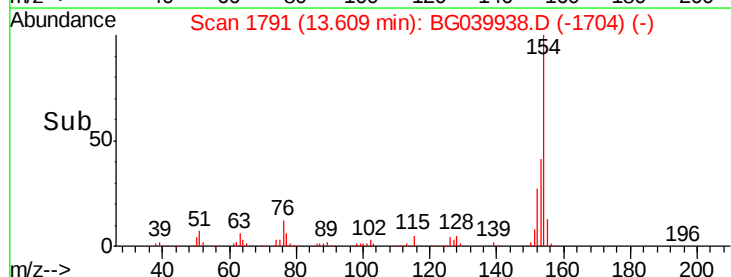
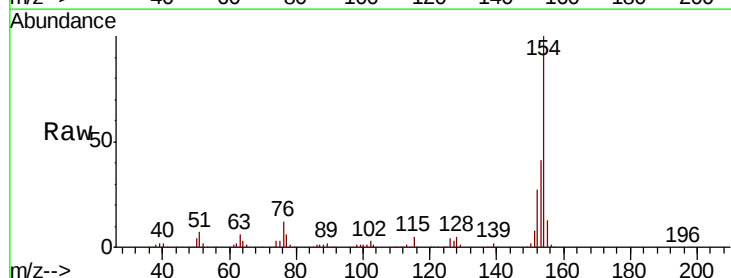
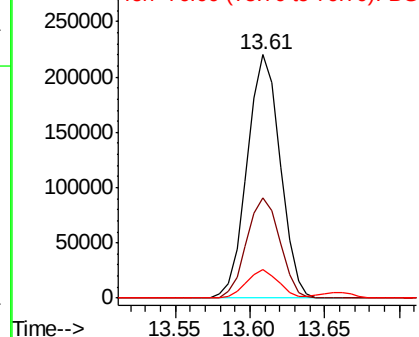
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.1	62.1
76	11.7	0.0	32.4

Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





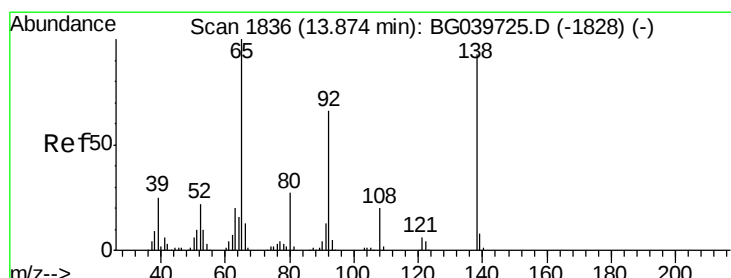
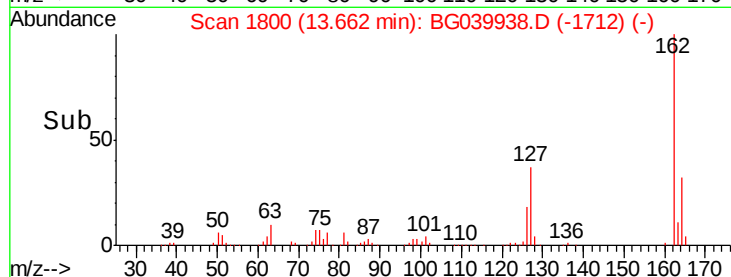
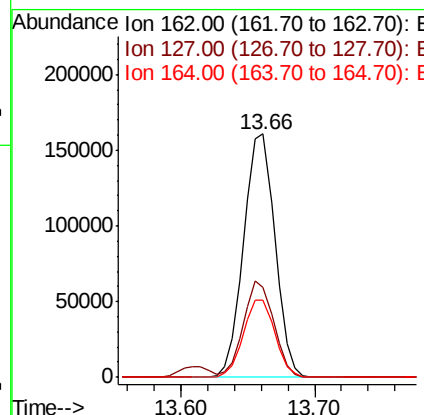
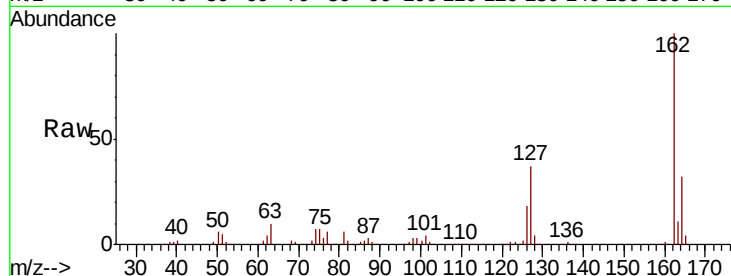
#47
2-Chloronaphthalene
Concen: 43.762 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	31.0	46.6
164	31.8	25.7	38.5

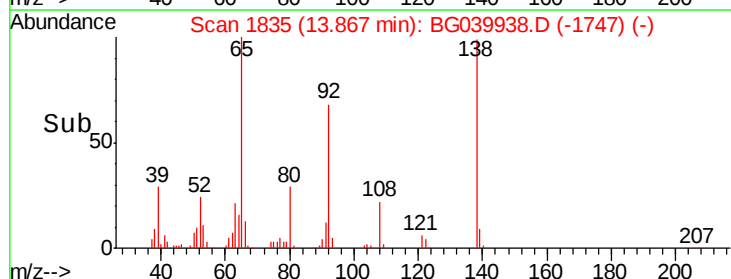
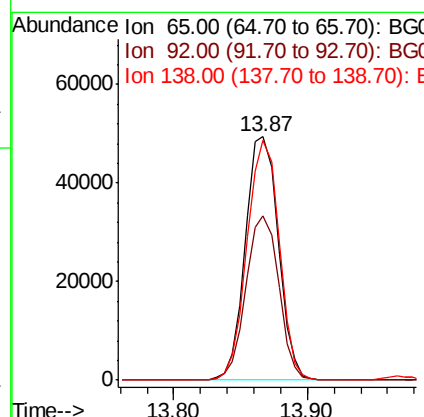
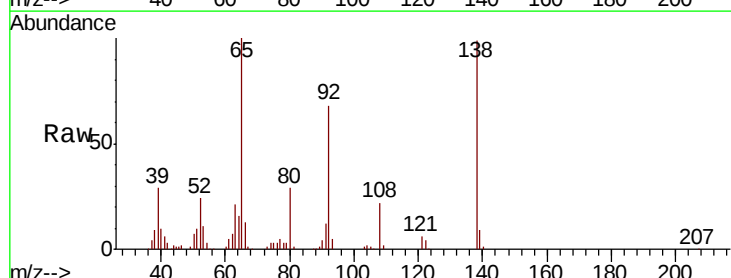
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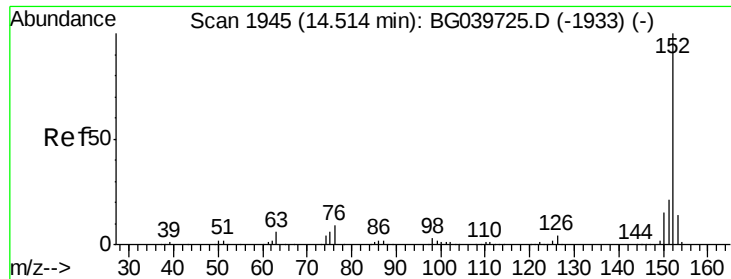
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3/18/2019 3:02:37 PM



#48
2-Nitroaniline
Concen: 44.005 ng
RT: 13.87 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	51.4	77.2
138	98.5	71.4	107.2





#49

Acenaphthylene

Concen: 41.347 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

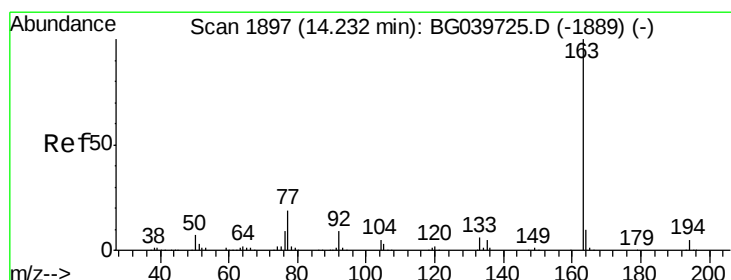
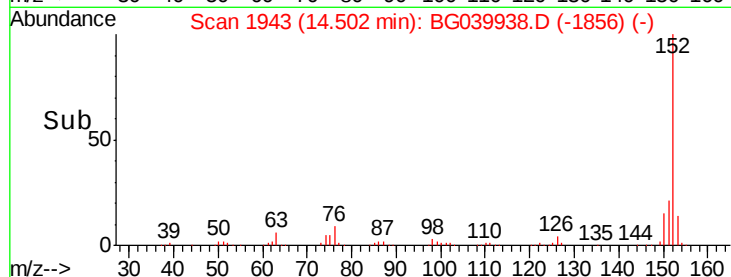
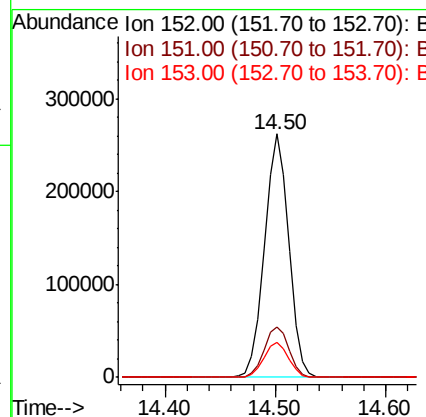
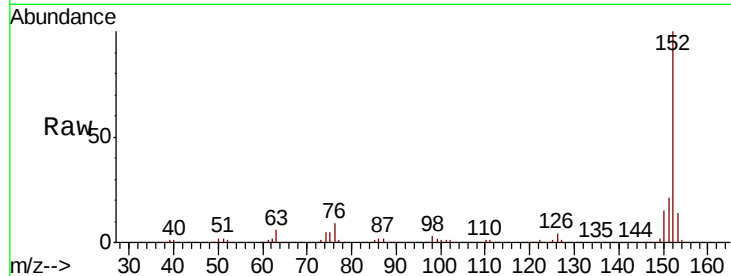
ClientSampleId :

PB117948BS

Tot Ion:	152	Resp:	404204
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	14.2	11.7	17.5

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#50

Dimethylphthalate

Concen: 41.483 ng

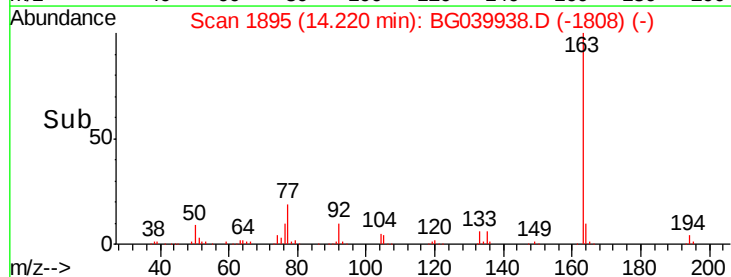
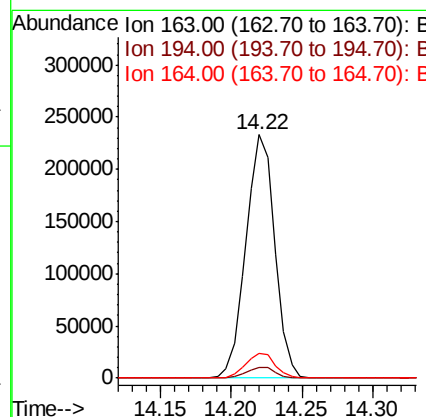
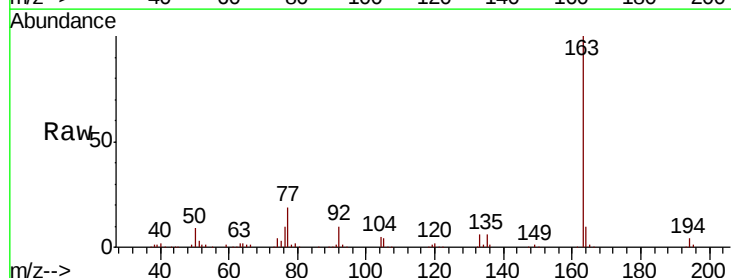
RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Tgt Ion:	163	Resp:	333845
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.4	8.4	12.6





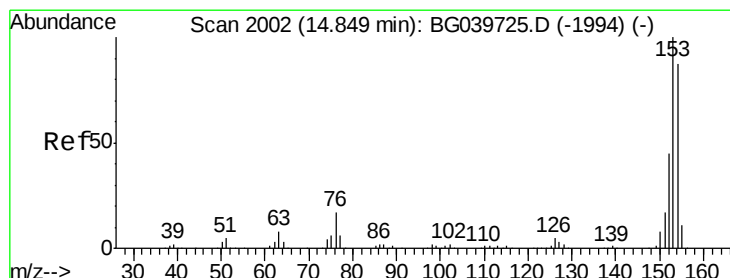
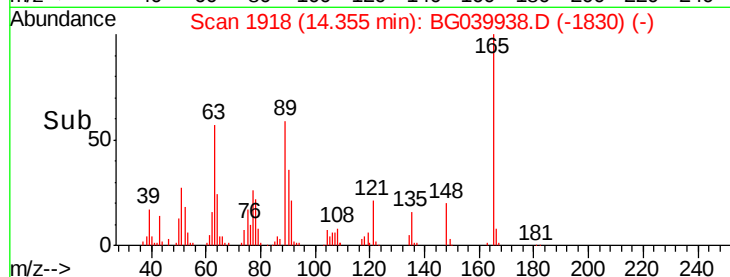
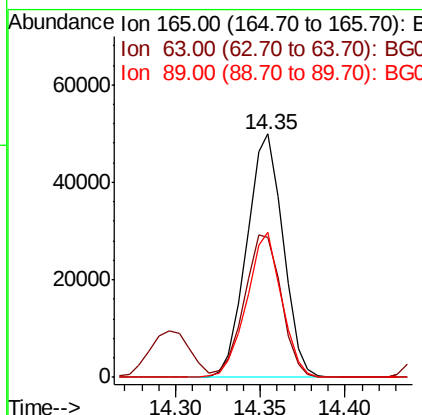
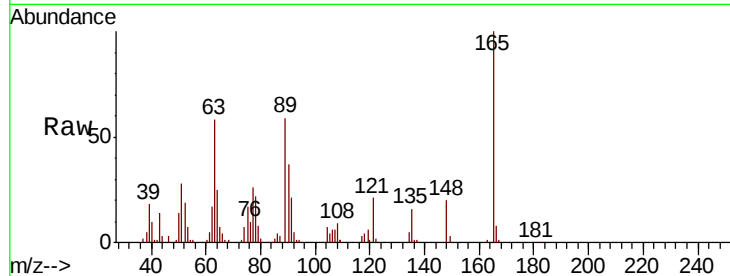
#51
2,6-Dinitrotoluene
Concen: 43.762 ng
RT: 14.35 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.7	47.0	70.6
89	59.5	45.8	68.8

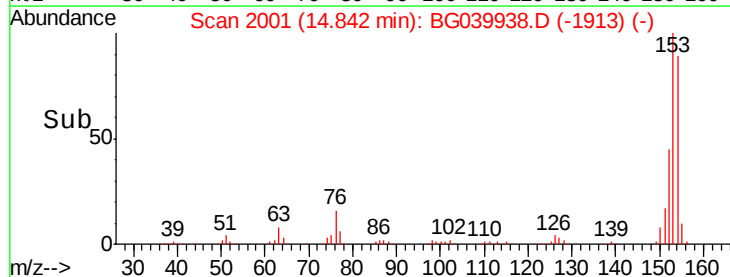
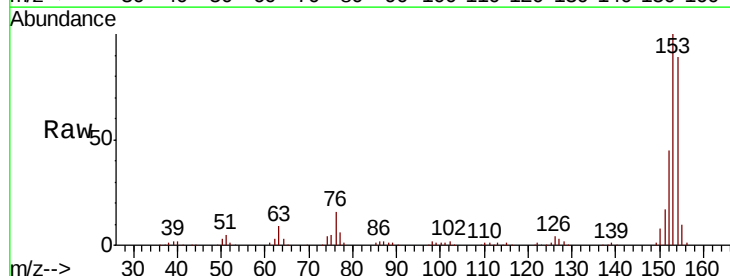
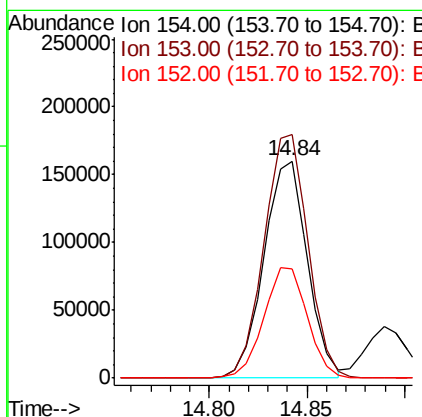
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3/18/2019 3:02:37 PM



#52
Acenaphthene
Concen: 41.926 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.1	135.1
152	50.3	40.9	61.3





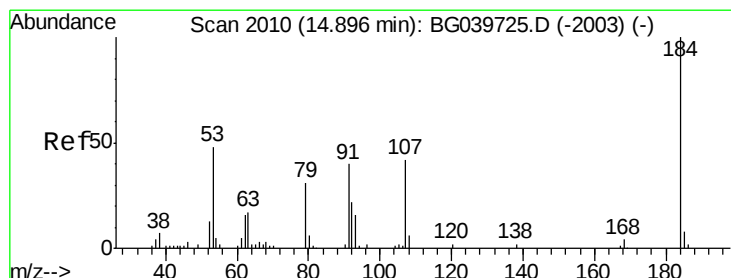
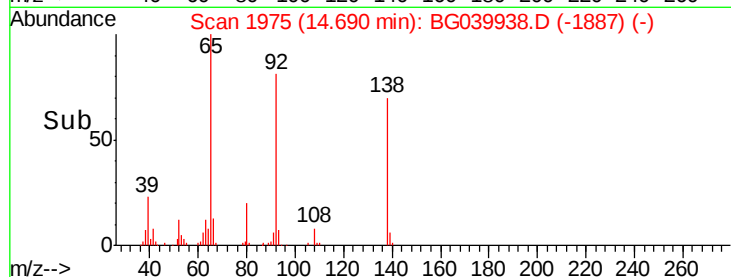
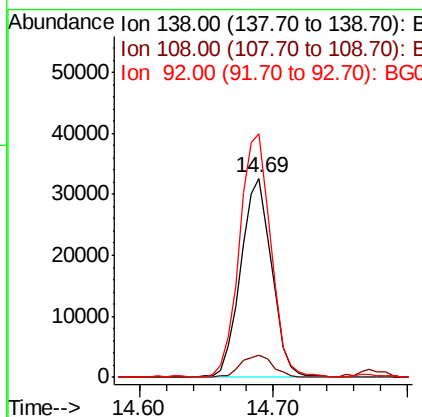
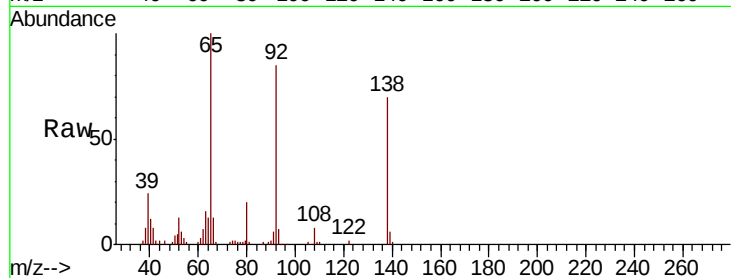
#53
3-Nitroaniline
Concen: 30.373 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	13.8	20.8#
92	122.2	103.7	155.5

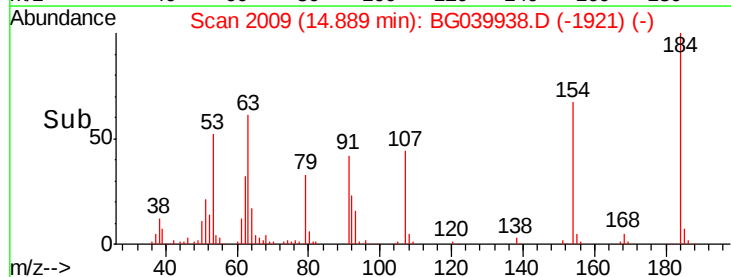
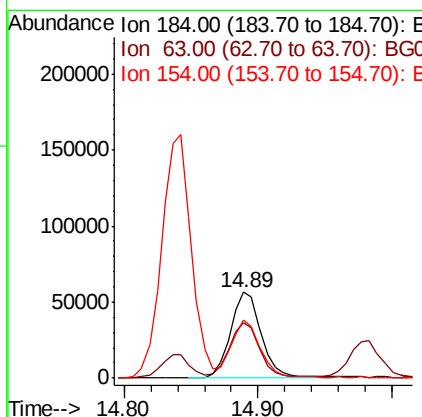
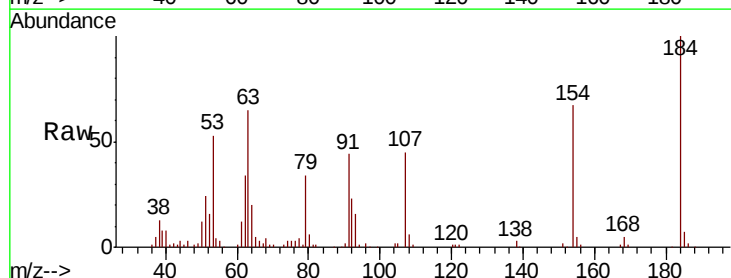
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3/18/2019 3:02:37 PM



#54
2,4-Dinitrophenol
Concen: 84.875 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	50.9	76.3
154	66.7	53.0	79.6





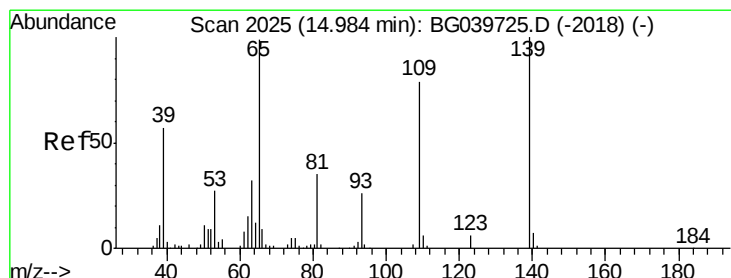
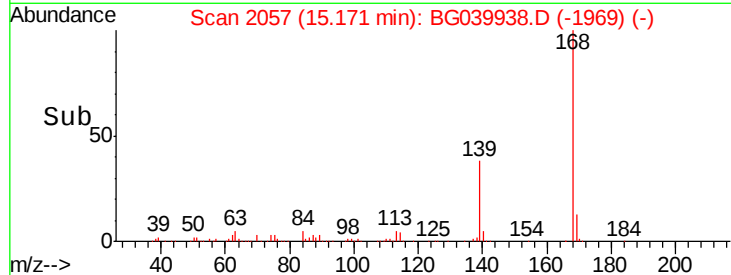
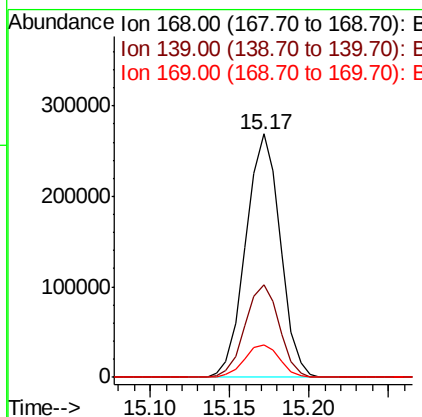
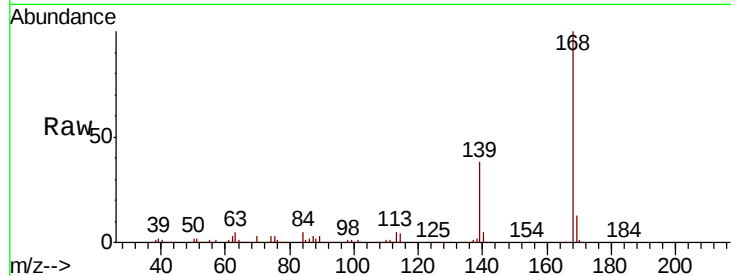
#55
Dibenzenofuran
Concen: 42.119 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion:	168	Resp:	406600
Ion Ratio	Lower	Upper	
168	100		
139	38.2	30.1	45.1
169	13.1	10.6	16.0

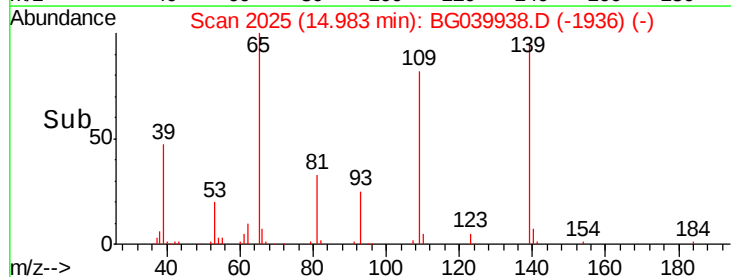
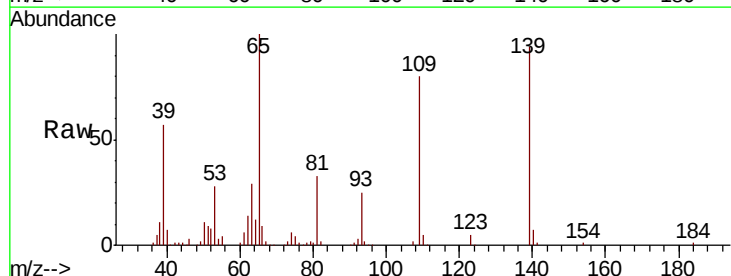
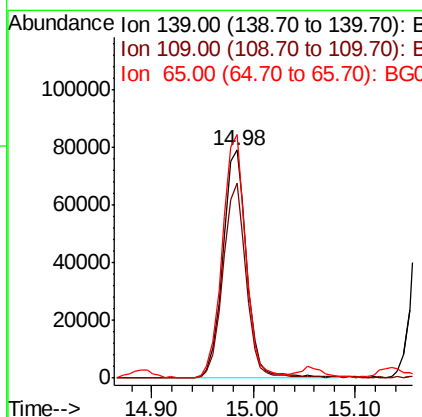
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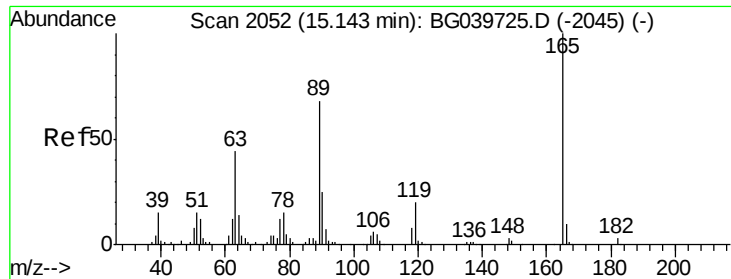
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3/18/2019 3:02:37 PM



#56
4-Nitrophenol
Concen: 84.079 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion:	139	Resp:	128992
Ion Ratio	Lower	Upper	
139	100		
109	85.5	61.9	101.9
65	106.8	99.1	139.1





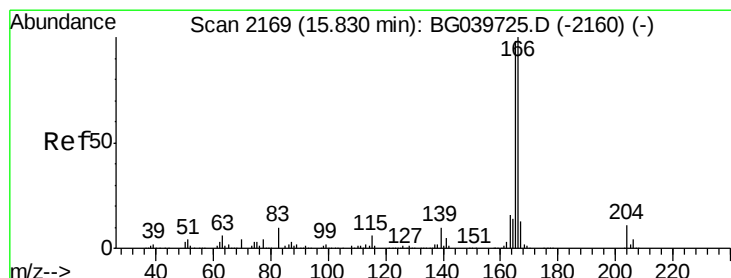
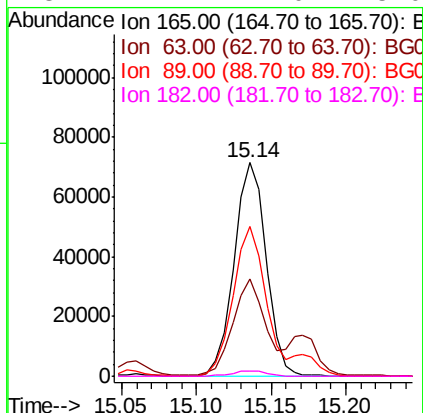
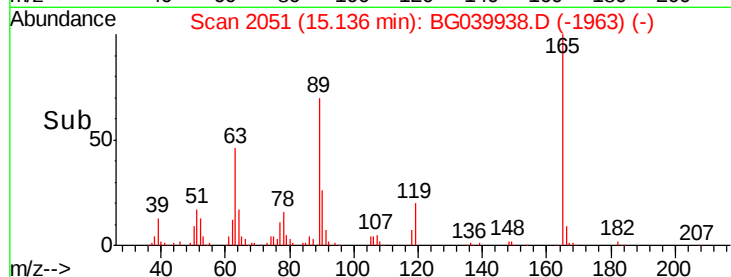
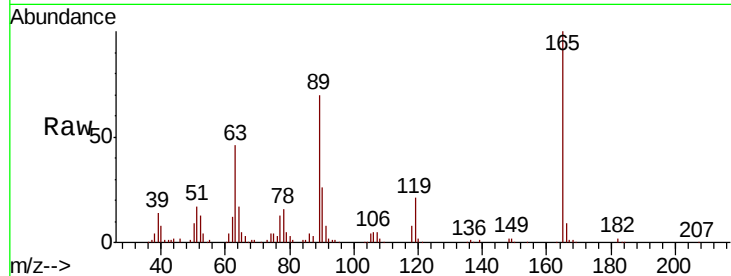
#57
 2,4-Dinitrotoluene
 Concen: 44.585 ng
 RT: 15.14 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG039938.D
 Acq: 15 Mar 2019 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117948BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	106883		
63	45.8	41.0	61.6	
89	70.0	64.6	96.8	
182	2.4	2.0	3.0	

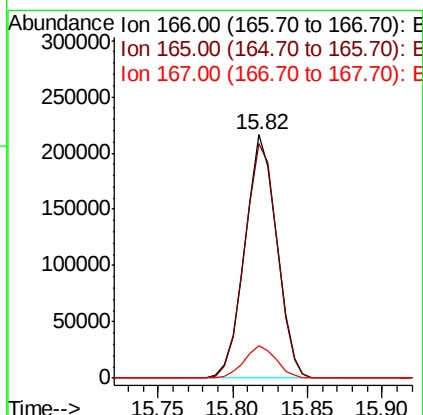
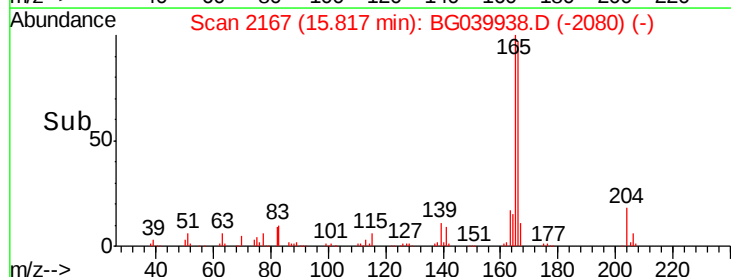
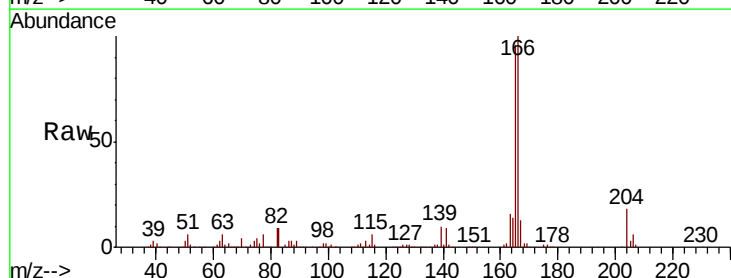
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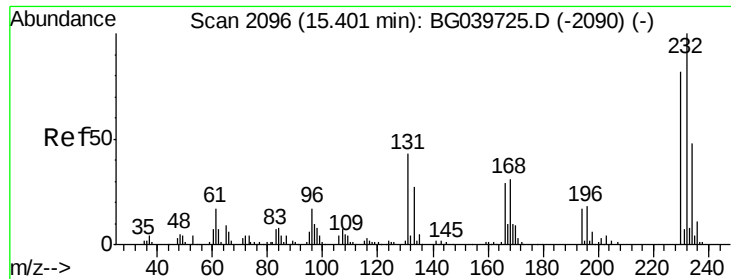
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 3/18/2019 3:02:37 PM



#58
 Fluorene
 Concen: 41.888 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG039938.D
 Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	317887		
165	96.5	77.9	116.9	
167	13.2	10.8	16.2	





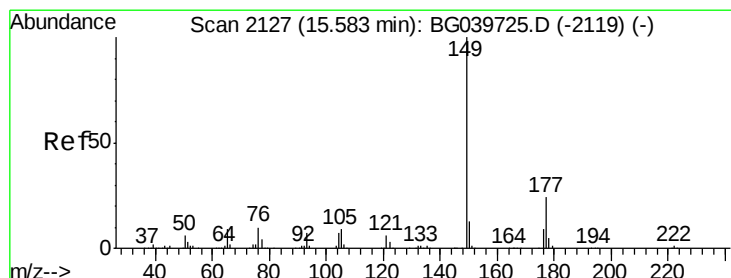
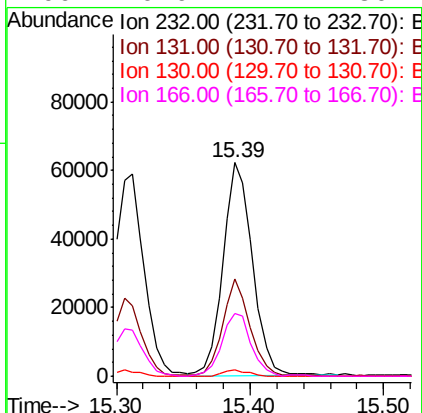
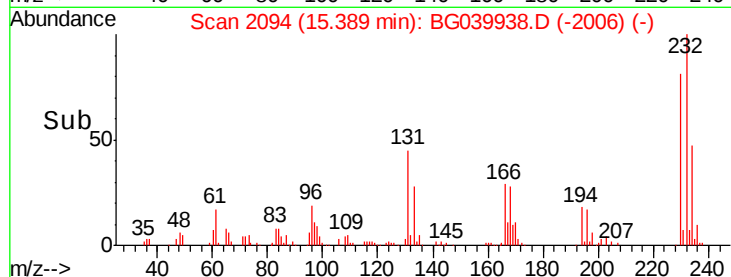
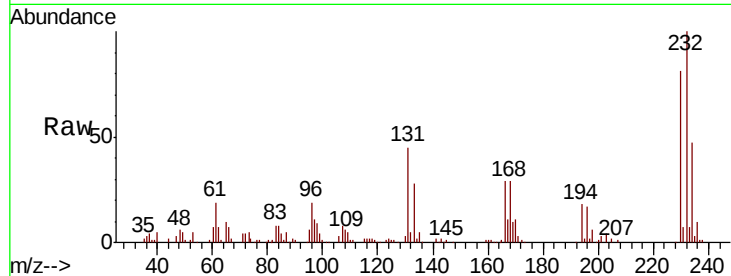
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.703 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion:	232	Resp:	96038
Ion Ratio	Lower	Upper	
232	100		
131	42.9	34.9	52.3
130	2.6	2.0	3.0
166	29.6	24.1	36.1

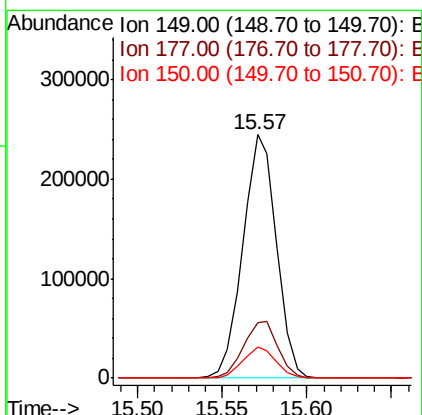
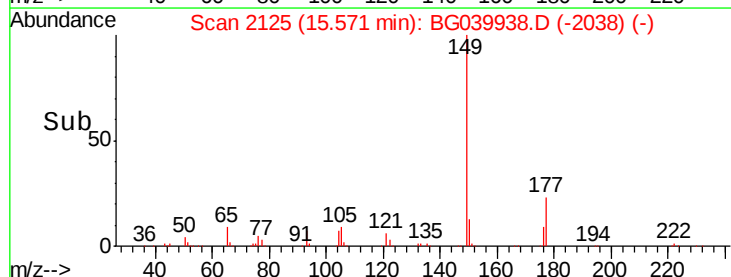
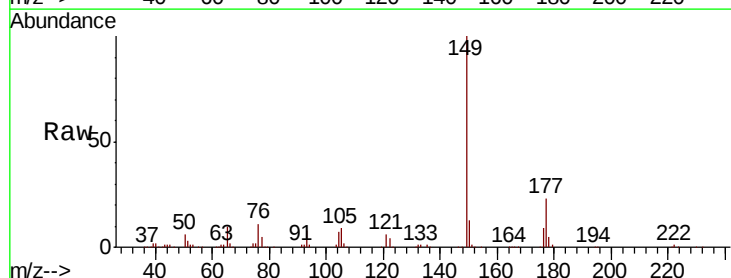
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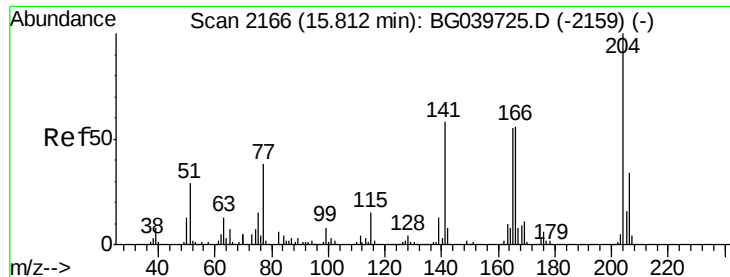
Sohil
3/18/2019 3:02:37 PM



#60
Diethylphthalate
Concen: 42.466 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion:	149	Resp:	338320
Ion Ratio	Lower	Upper	
149	100		
177	23.0	18.3	27.5
150	12.8	10.2	15.2





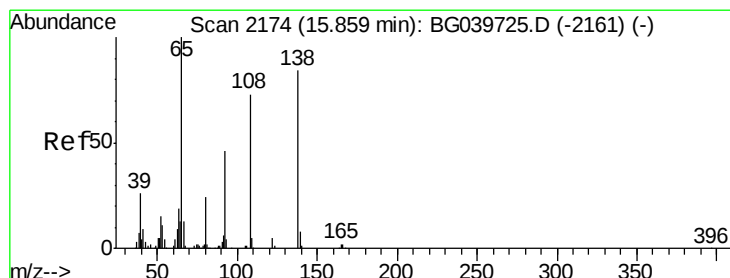
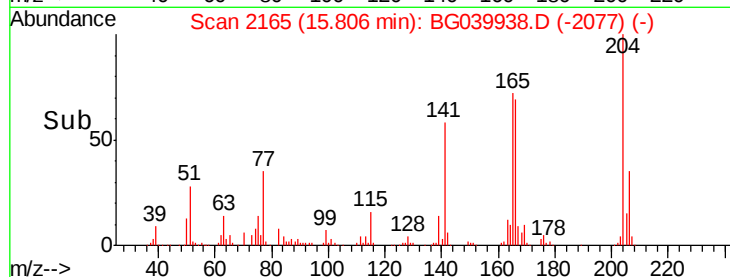
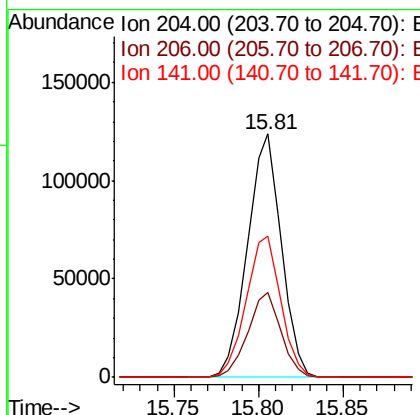
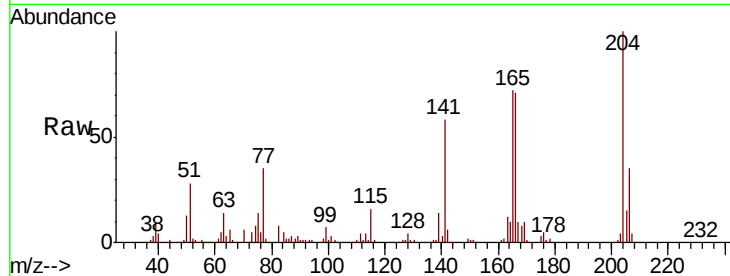
#61
 4-Chlorophenyl-phenylether
 Concen: 42.469 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG039938.D
 Acq: 15 Mar 2019 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117948BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	29.2	43.8
141	57.9	49.0	73.4

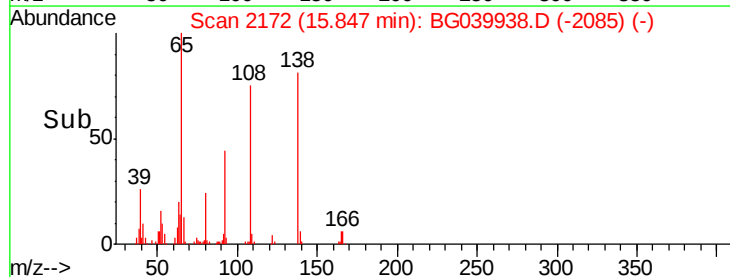
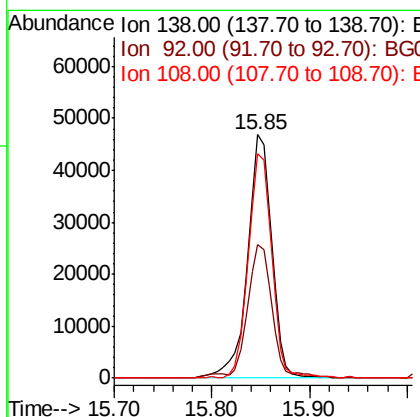
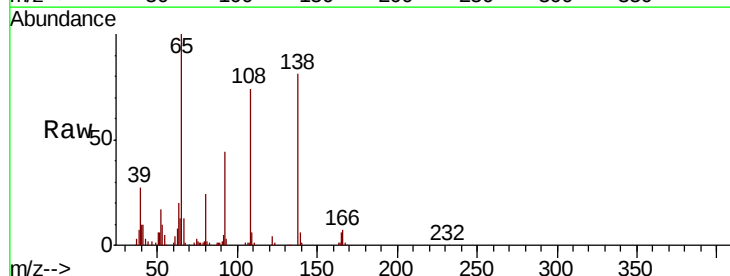
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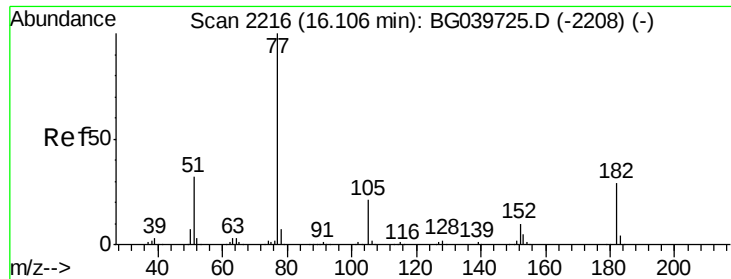
Sohil
 3/18/2019 3:02:37 PM



#62
 4-Nitroaniline
 Concen: 43.608 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG039938.D
 Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	38.7	78.7
108	92.2	74.6	114.6





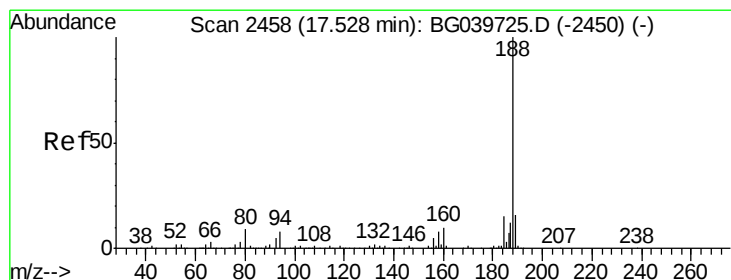
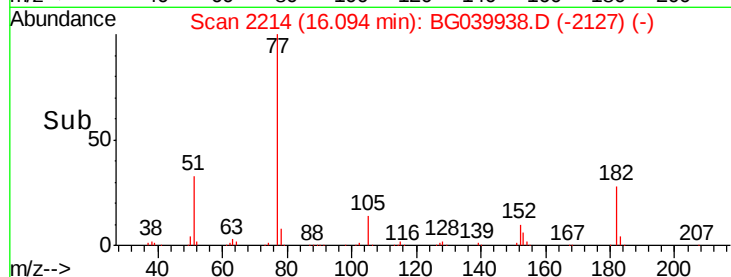
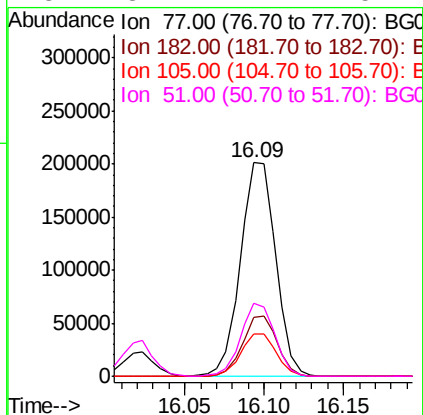
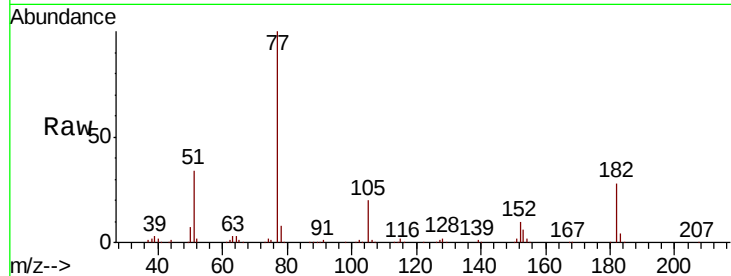
#63
Azobenzene
Concen: 42.957 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	6.4	46.4
105	19.7	0.0	39.8
51	34.1	14.1	54.1

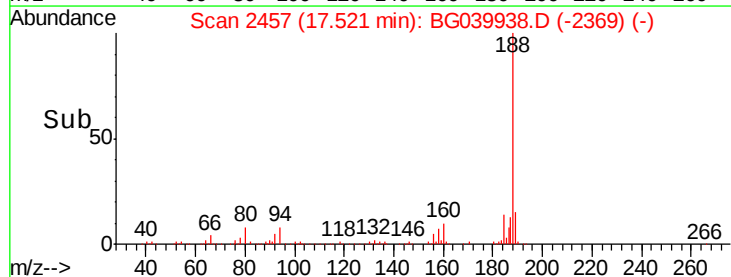
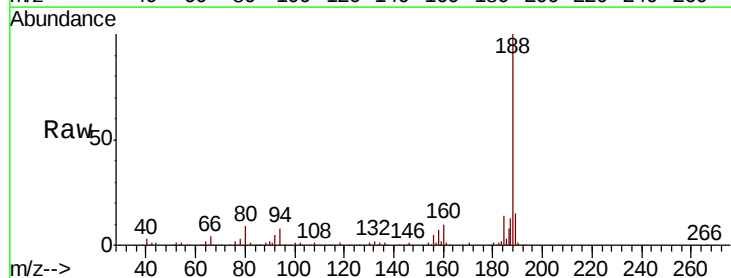
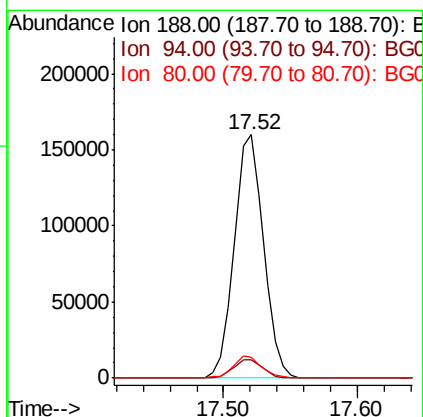
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.6	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.383 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

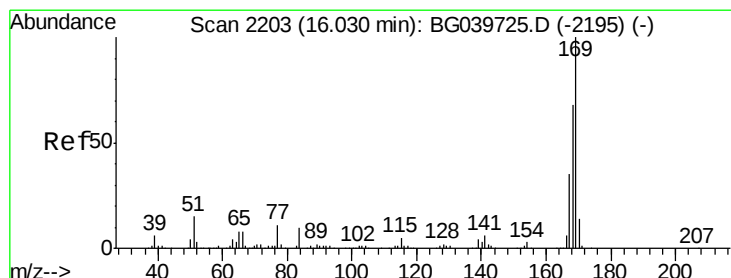
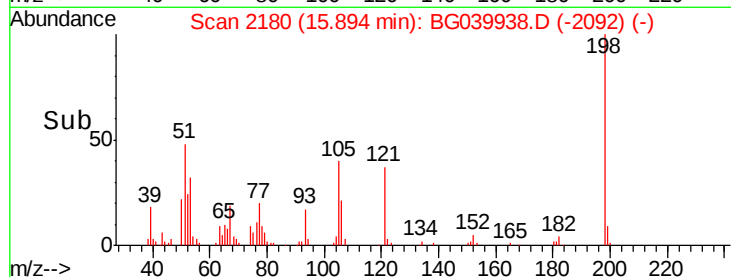
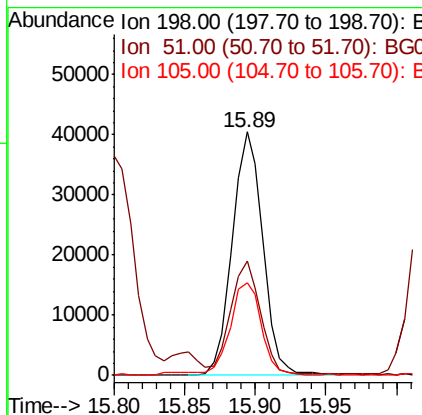
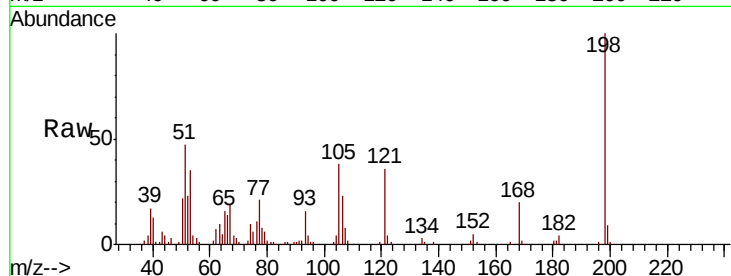
ClientSampled :

PB117948BS

Tot Ion:	198	Resp:	61006
Ion Ratio	Lower	Upper	
198	100		
51	46.7	27.4	67.4
105	38.2	19.7	59.7

Manual Integrations
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3/18/2019 3:02:37 PM



#66

n-Nitrosodiphenylamine

Concen: 41.634 ng

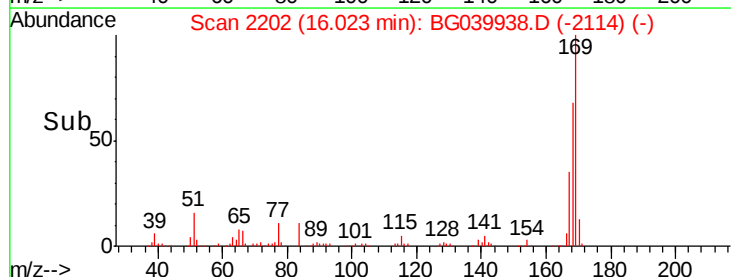
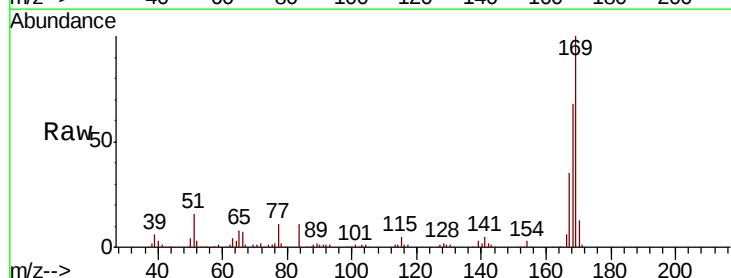
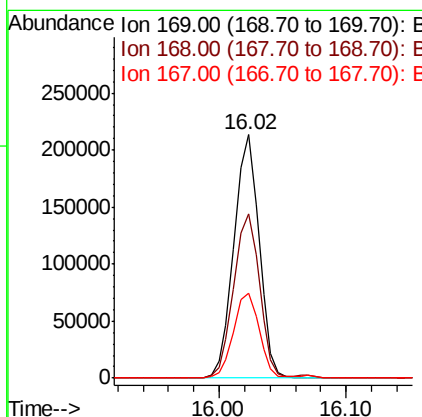
RT: 16.02 min Scan# 2202

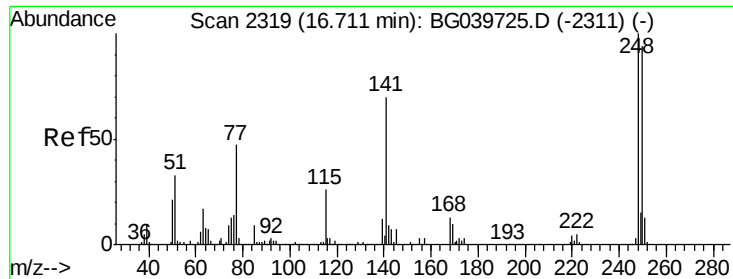
Delta R.T. -0.01 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Tgt Ion:	169	Resp:	293419
Ion Ratio	Lower	Upper	
169	100		
168	67.5	56.6	85.0
167	34.8	28.8	43.2





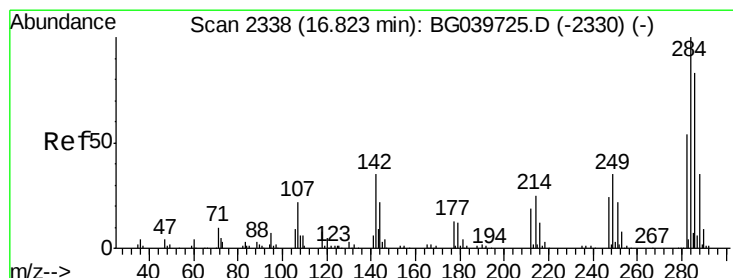
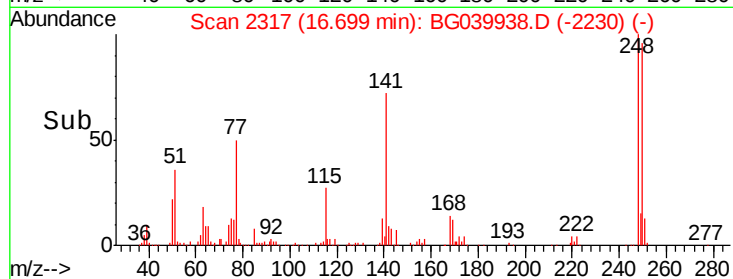
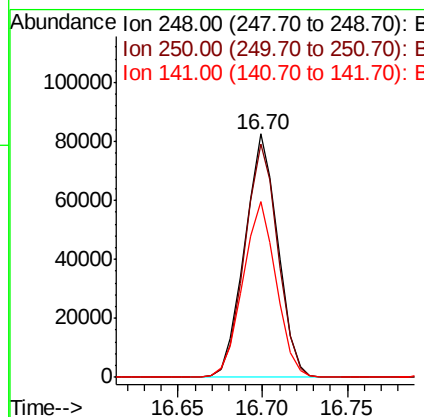
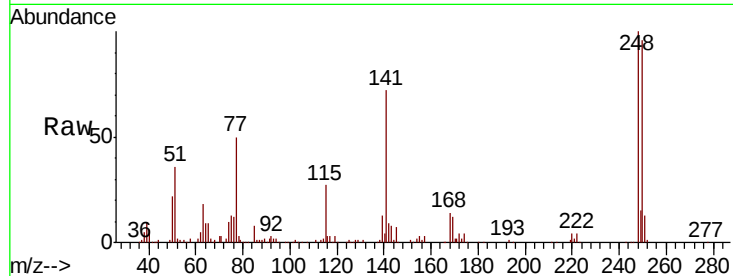
#67
4-Bromophenyl-phenylether
Concen: 41.288 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampled :
PB117948BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.6	116.4
141	72.4	63.9	95.9

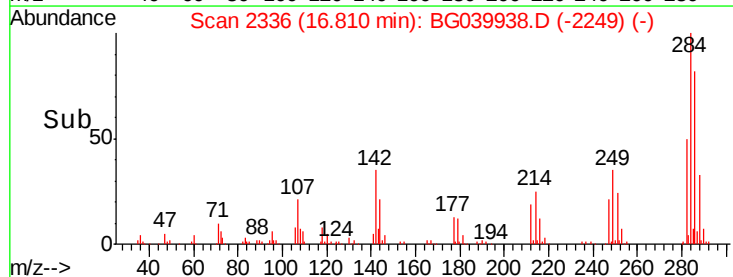
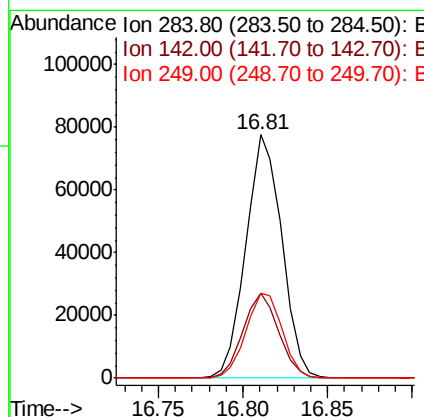
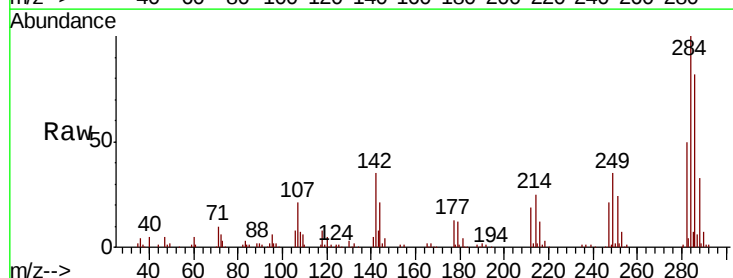
Manual Integrations
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3/18/2019 3:02:37 PM



#68
Hexachlorobenzene
Concen: 40.694 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	30.6	45.8
249	35.0	28.2	42.2





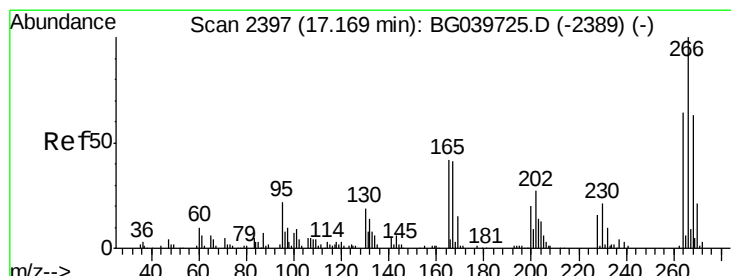
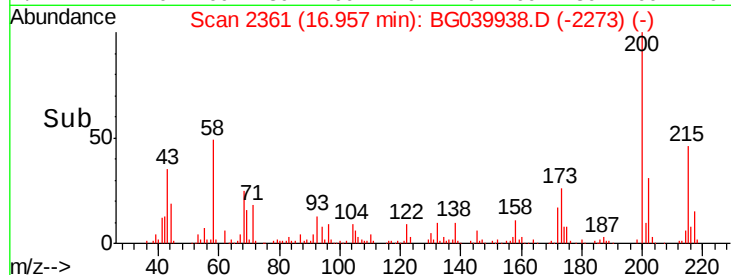
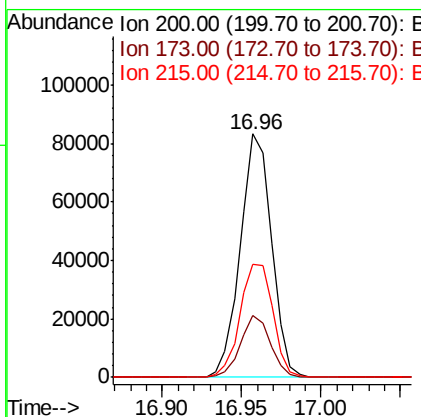
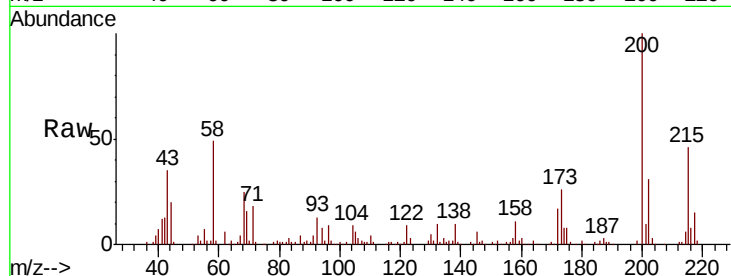
#69
 Atrazine
 Concen: 41.135 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039938.D
 Acq: 15 Mar 2019 12:53

Instrument :
 BNA_G
 ClientSampled :
 PB117948BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.6	3.9	43.9
215	46.4	30.9	70.9

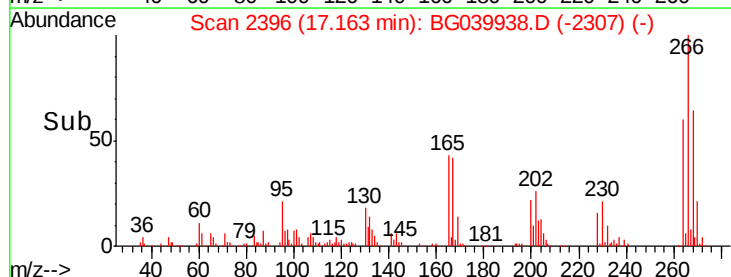
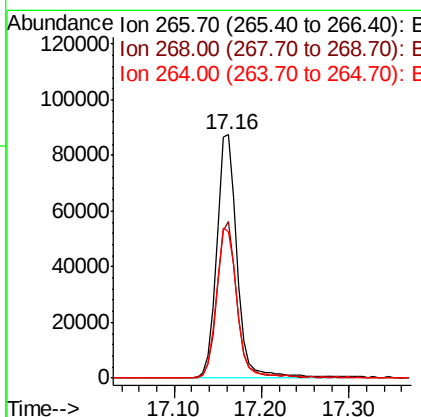
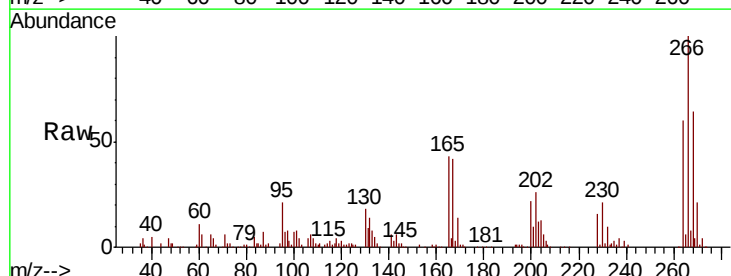
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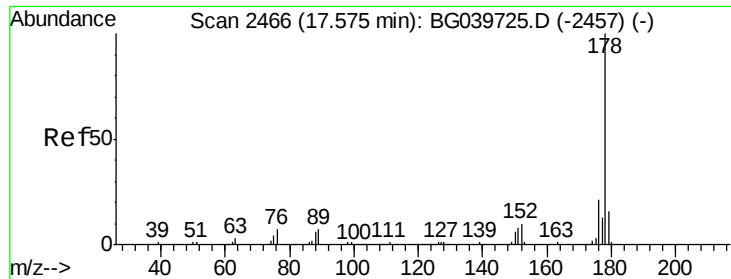
Sohil
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#70
 Pentachlorophenol
 Concen: 79.371 ng
 RT: 17.16 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BG039938.D
 Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	51.1	76.7
264	60.0	52.1	78.1





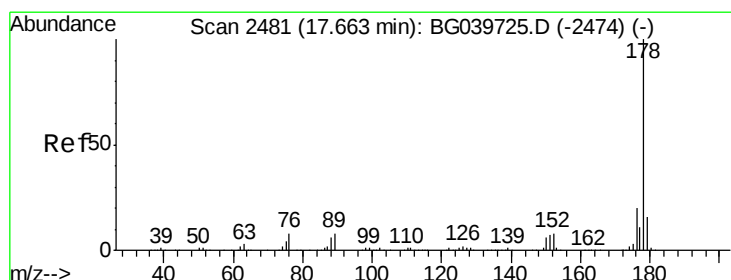
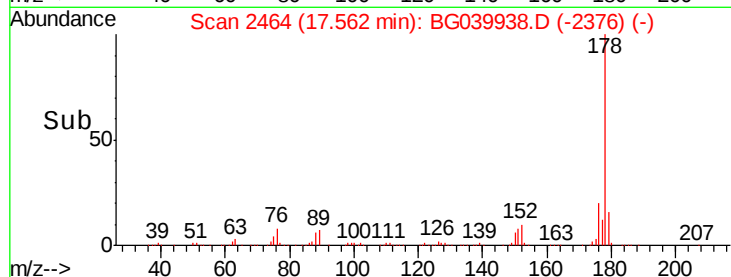
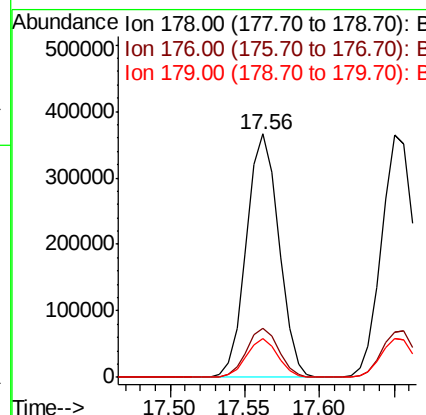
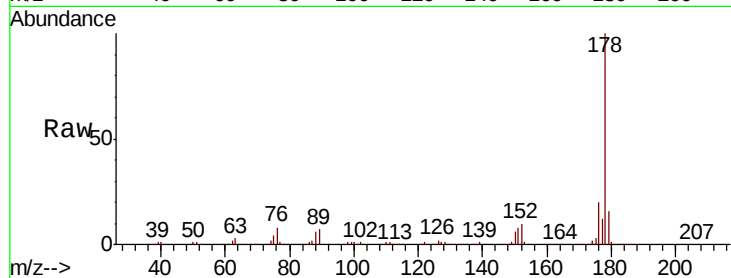
#71
Phenanthrene
Concen: 41.118 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.1	12.6	19.0

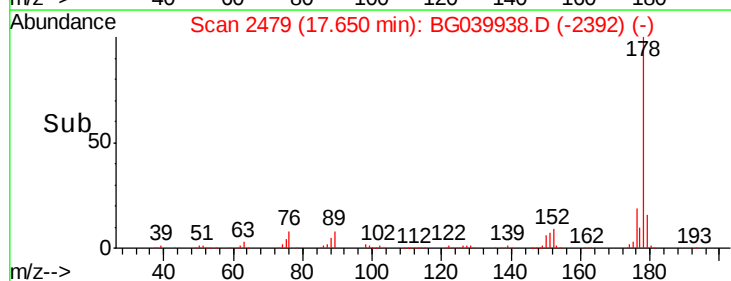
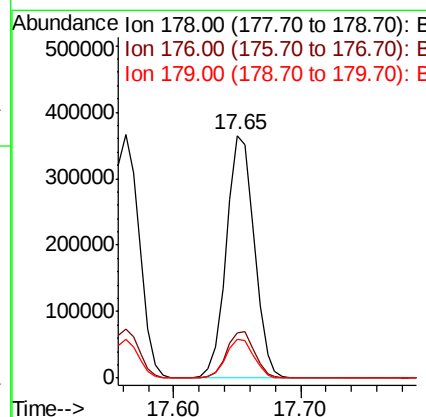
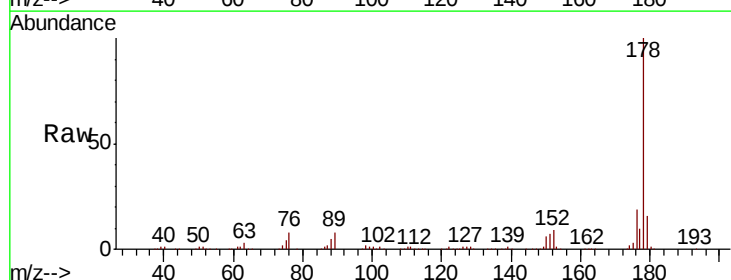
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#72
Anthracene
Concen: 42.472 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.8	12.5	18.7





#73

Carbazole

Concen: 42.734 ng

RT: 17.93 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

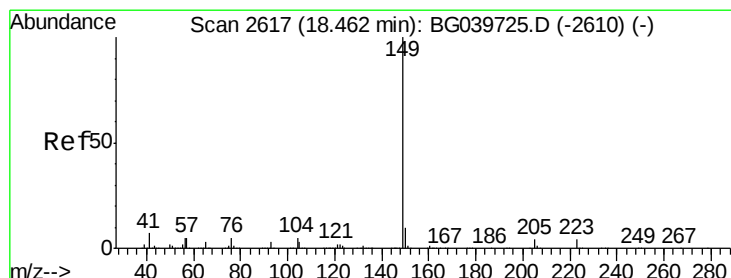
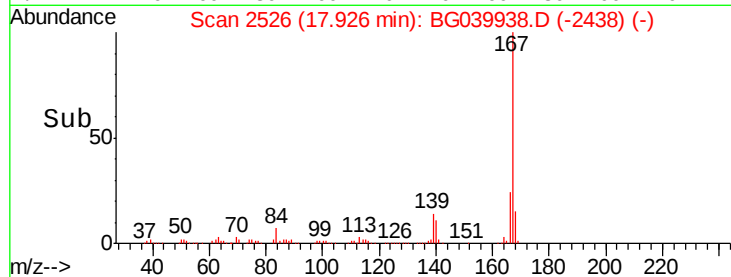
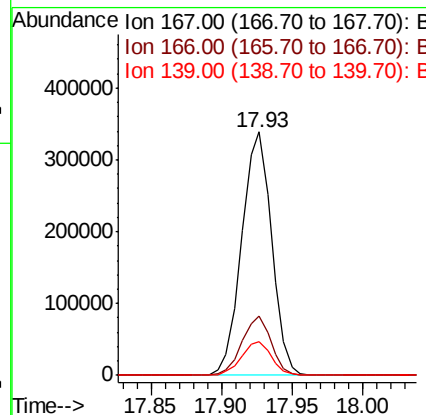
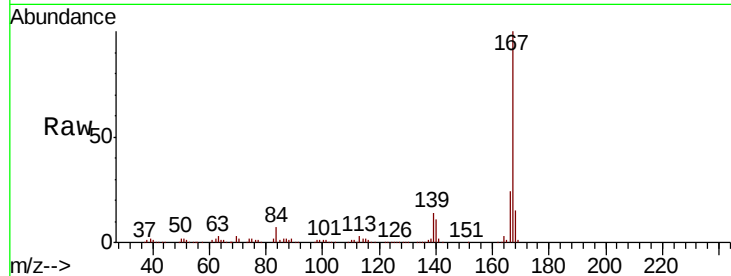
ClientSampleId :

PB117948BS

Tot Ion:	167	Resp:	503408
Ion Ratio		Lower	Upper
167	100		
166	24.2	19.4	29.2
139	13.8	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 44.294 ng

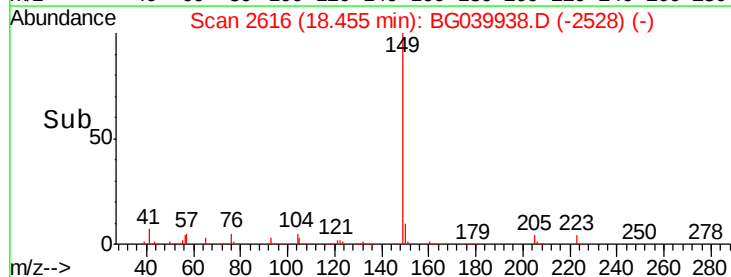
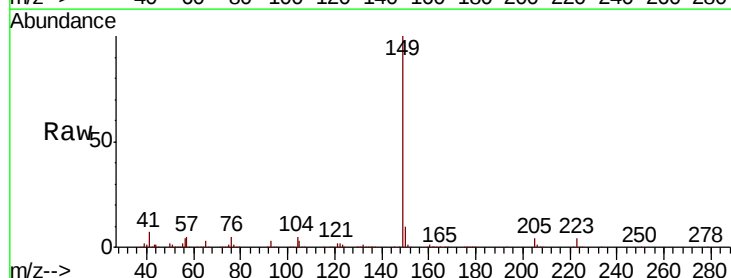
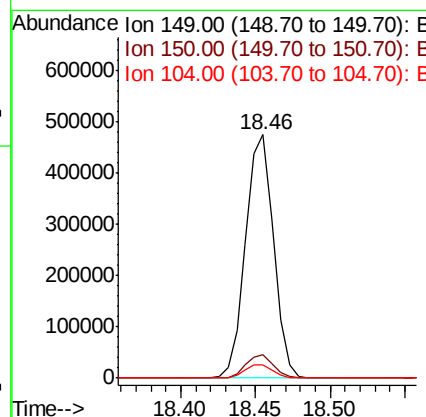
RT: 18.46 min Scan# 2616

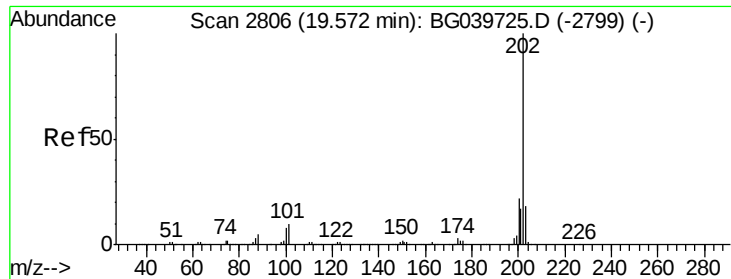
Delta R.T. -0.01 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Tgt Ion:	149	Resp:	613906
Ion Ratio		Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 43.426 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

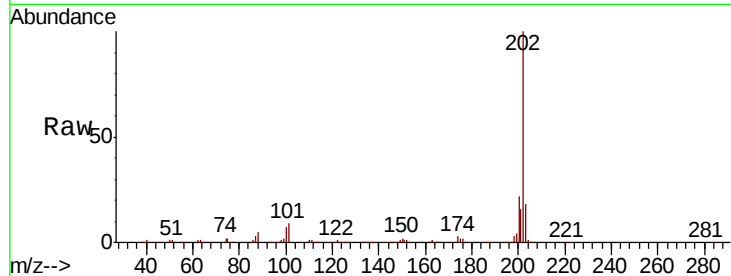
ClientSampleId :

PB117948BS

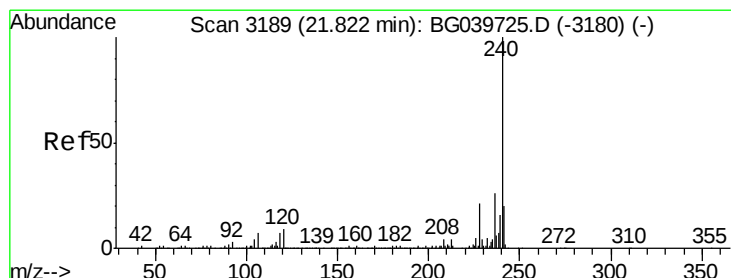
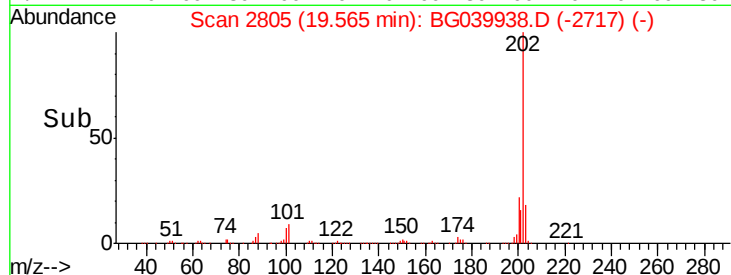
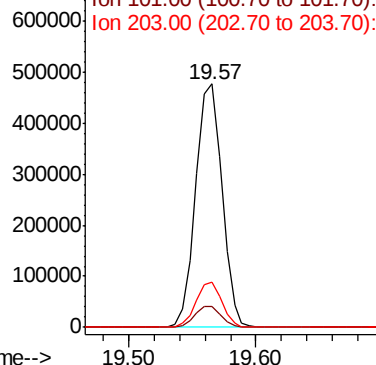
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		688168		
101	8.8	0.0	30.0		
203	18.3	0.0	38.9		

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



#76

Chrysene-d12

Concen: 20.000 ng

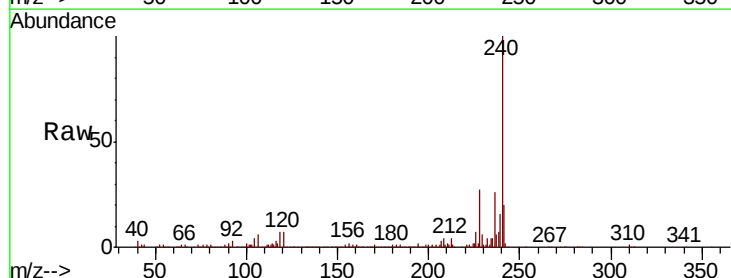
RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

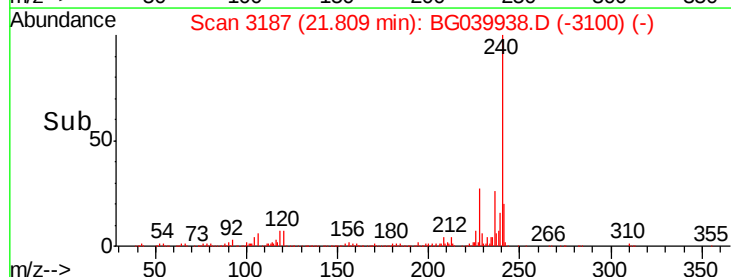
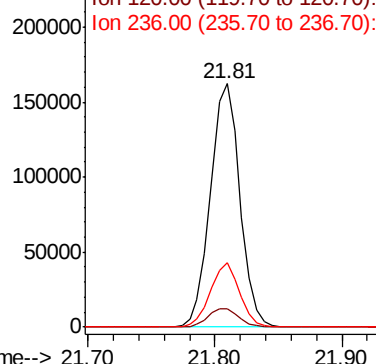
Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		260986		
120	7.4	7.0	10.6		
236	26.3	21.0	31.4		



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





#77

Benzidine

Concen: 34.114 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

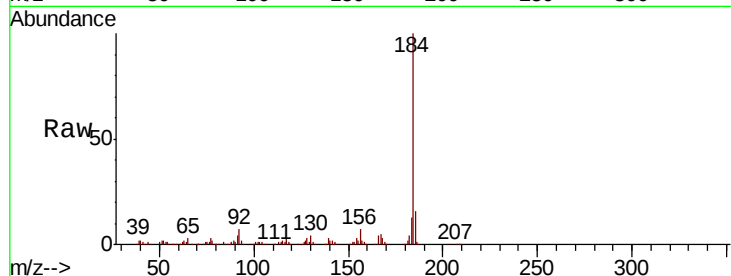
ClientSampled :

PB117948BS

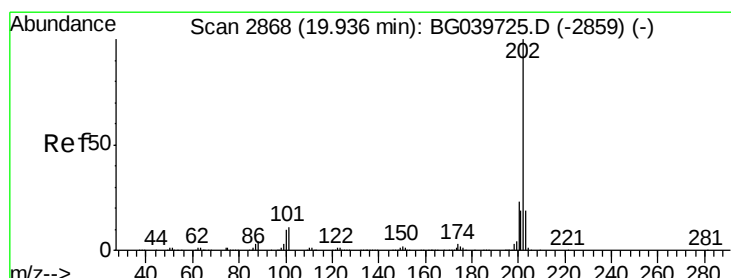
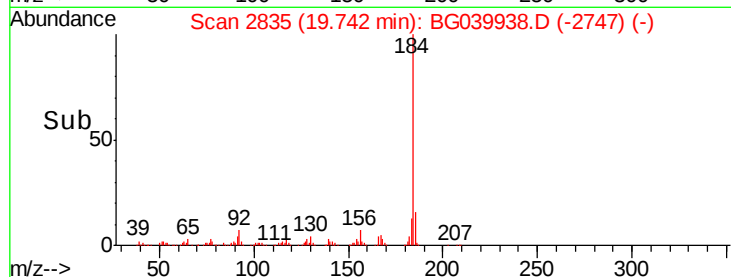
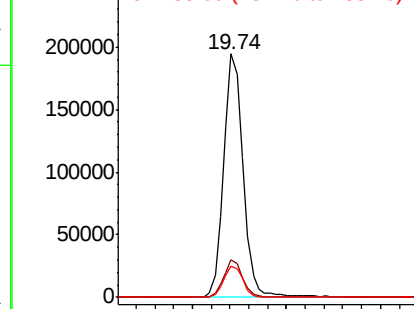
Tot Ion:	184	Resp:	282530
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.2	18.2
183	12.6	10.6	15.8

Manual Integrations
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3/18/2019 3:02:37 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.784 ng

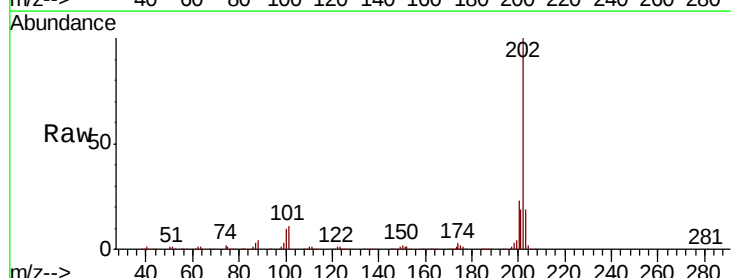
RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

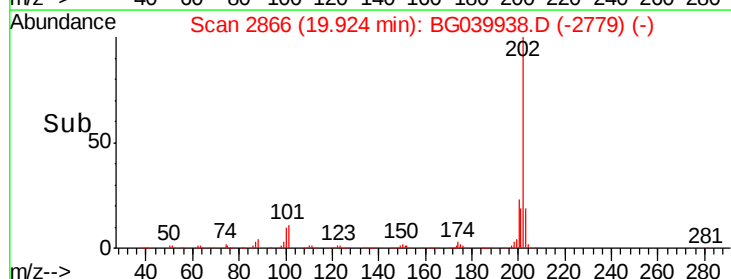
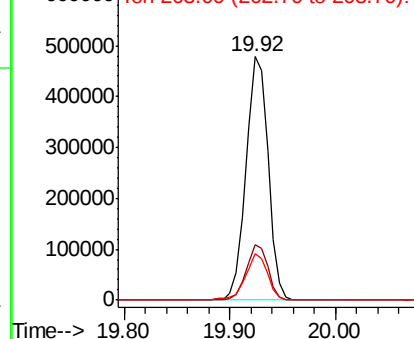
Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Tgt Ion:	202	Resp:	691660
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.8	26.8
203	19.0	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.001 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

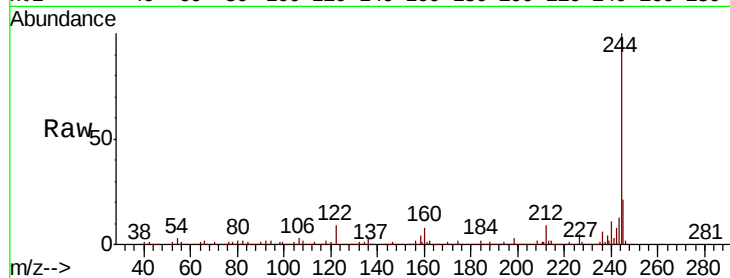
ClientSampleId :

PB117948BS

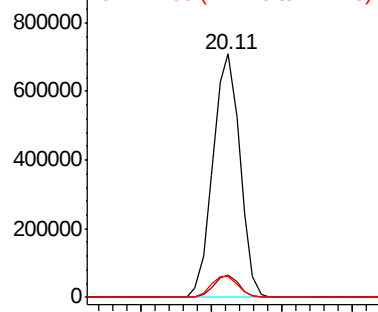
Tot Ion:	244	Resp:	948270
Ion Ratio		Lower	Upper
244	100		
212	8.9	7.3	10.9
122	8.8	8.4	12.6

Manual Integrations
APPROVED

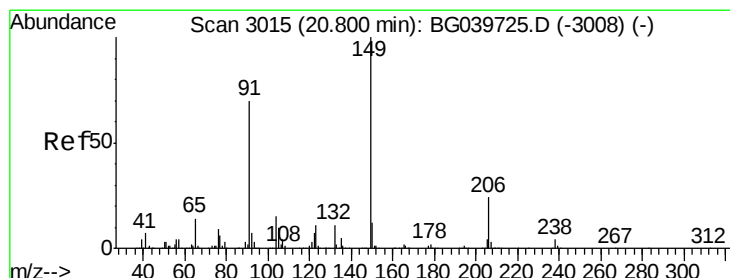
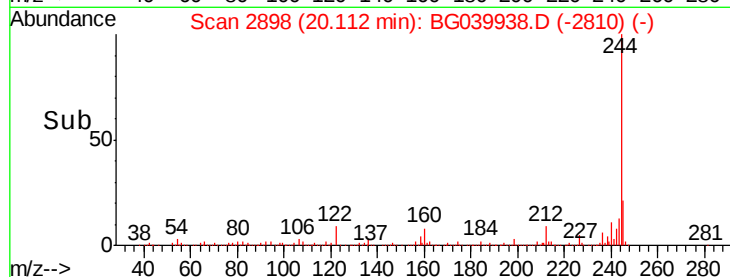
Sohil
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 44.475 ng

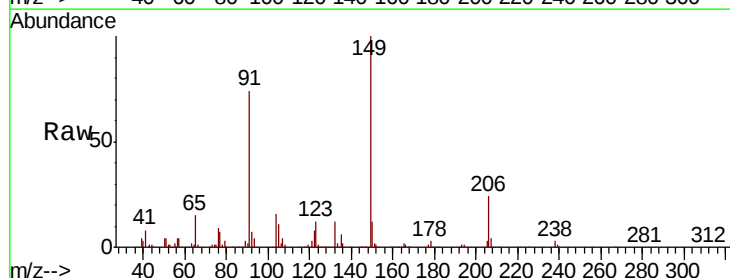
RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

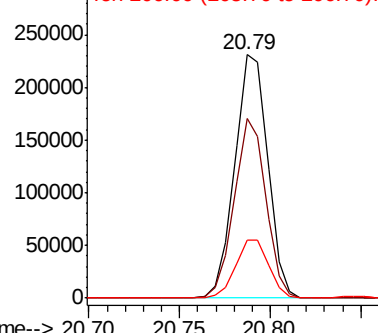
Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

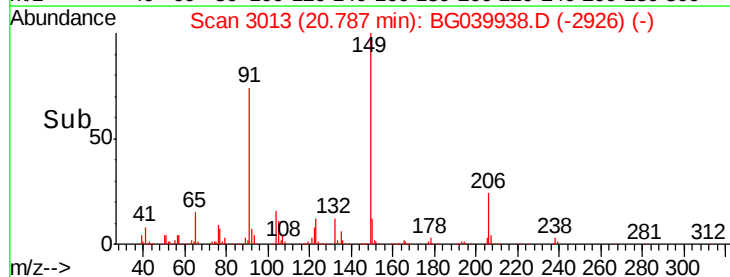
Tgt Ion:	149	Resp:	292218
Ion Ratio		Lower	Upper
149	100		
91	74.0	59.5	89.3
206	23.6	18.6	27.8



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



Time-->





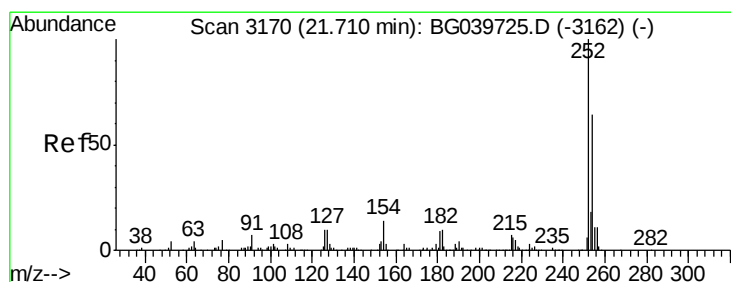
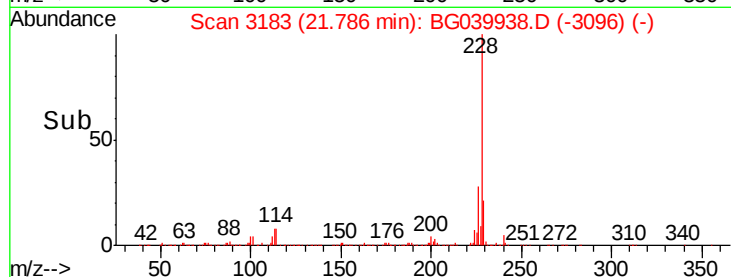
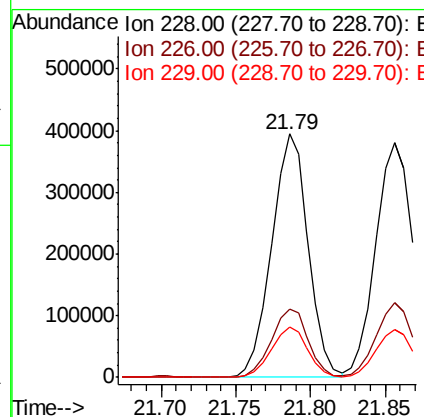
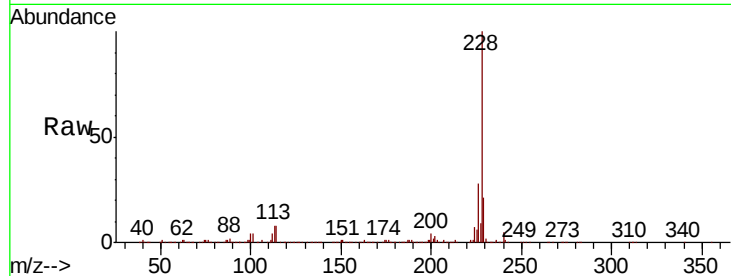
#81
Benzo(a)anthracene
Concen: 40.930 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.6
229	20.5	16.9	25.3

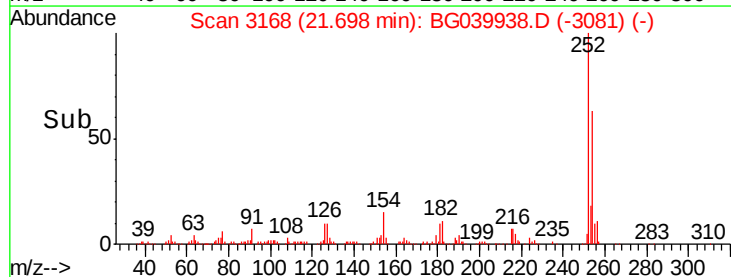
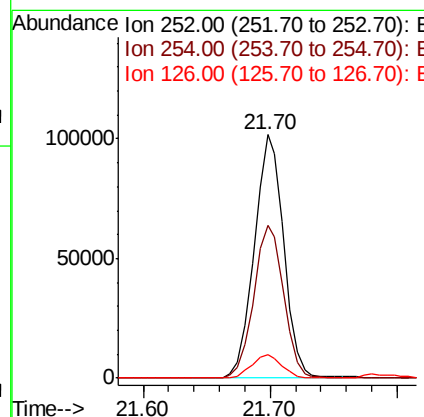
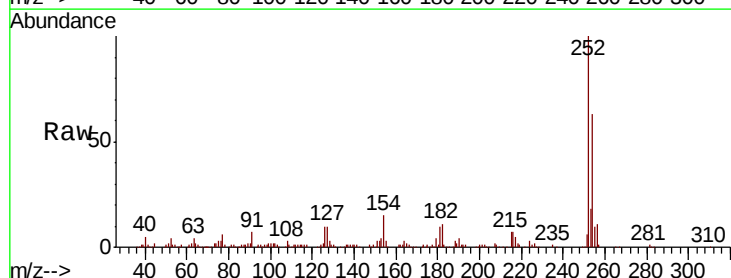
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#82
3,3'-Dichlorobenzidine
Concen: 27.535 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.3	76.9
126	9.8	8.0	12.0





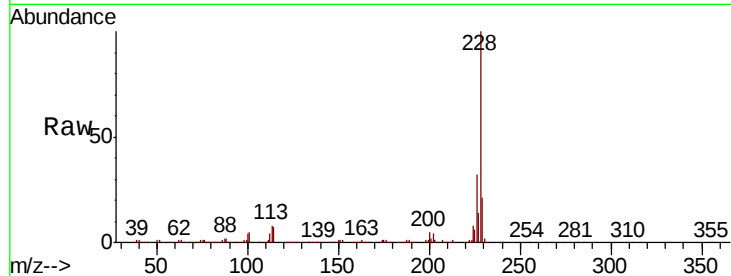
#83
Chrysene
Concen: 40.751 ng
RT: 21.86 min Scan# 3195
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampled :
PB117948BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.8	38.6
229	20.6	16.6	25.0

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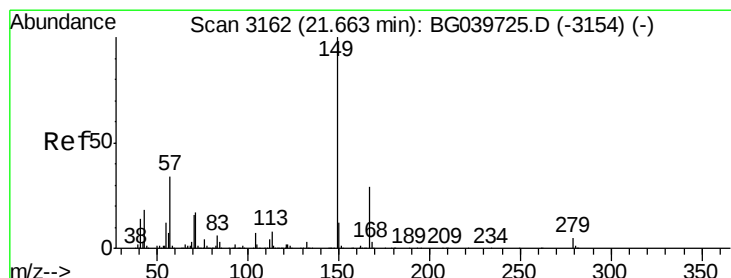
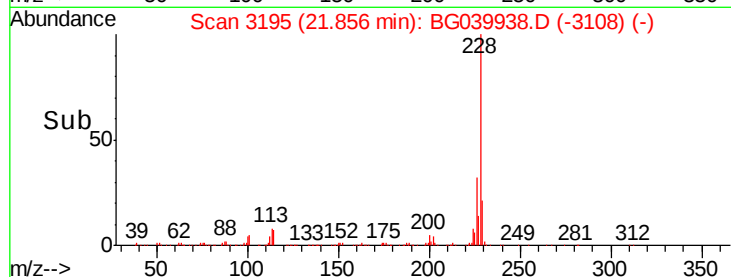
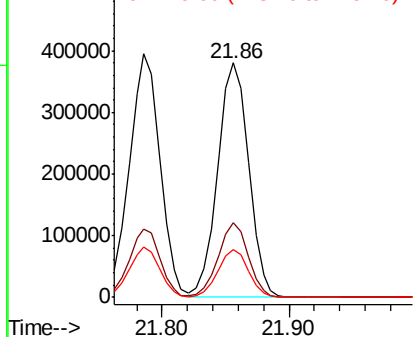


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.033 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

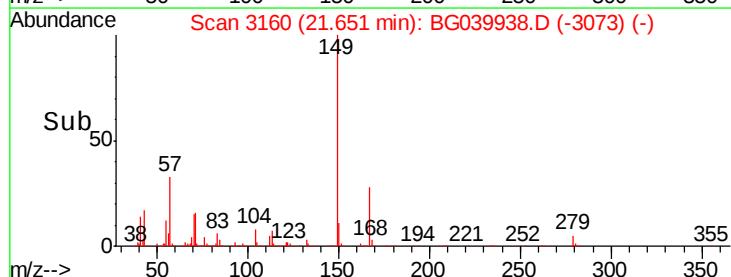
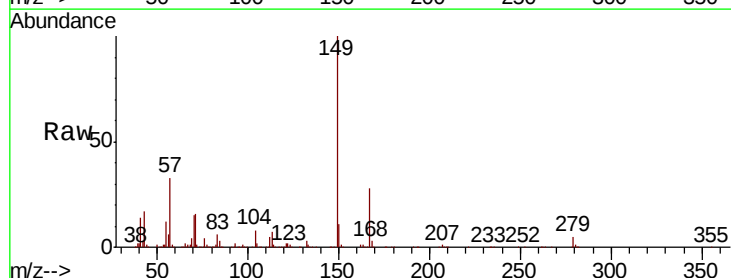
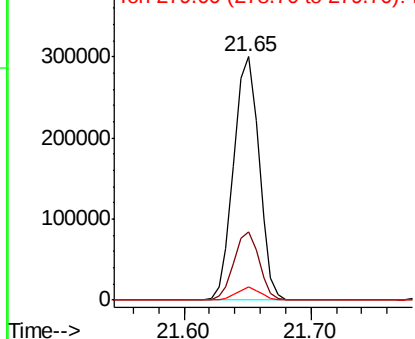
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.6	34.0
279	5.2	3.5	5.3

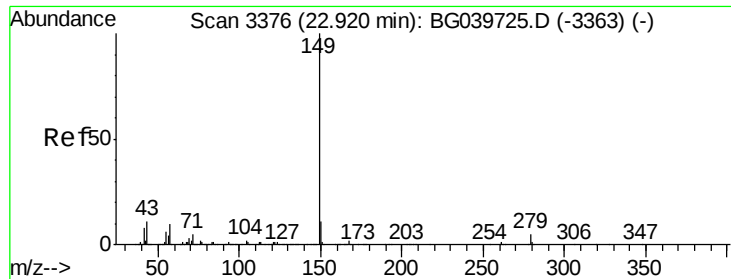
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.702 ng

RT: 22.90 min Scan# 3373

Delta R.T. -0.02 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

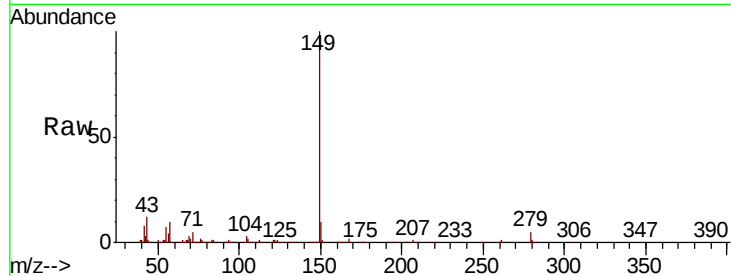
ClientSampleId :

PB117948BS

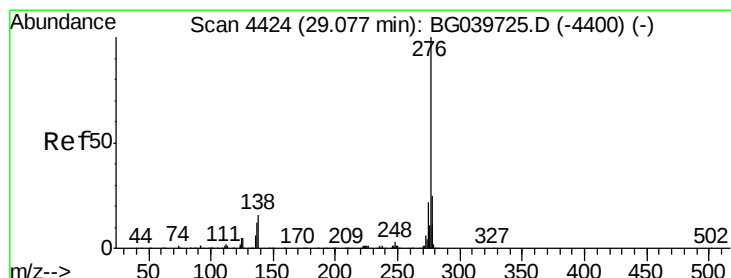
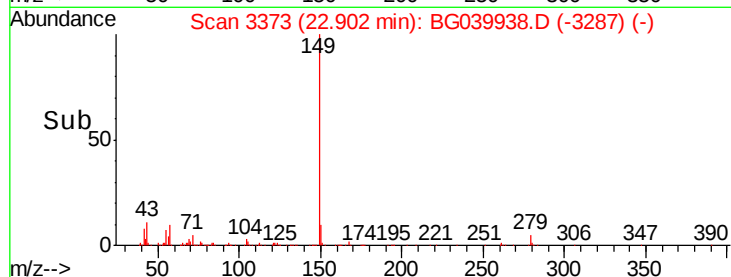
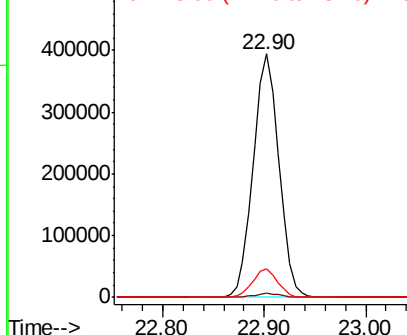
Tot Ion:	149	Resp:	698672
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.2	10.2	15.4

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: 42.739 ng

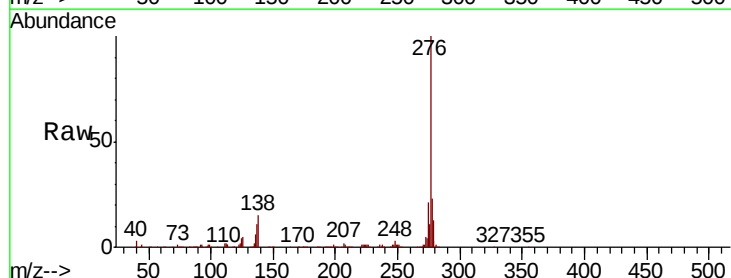
RT: 29.04 min Scan# 4418

Delta R.T. -0.05 min

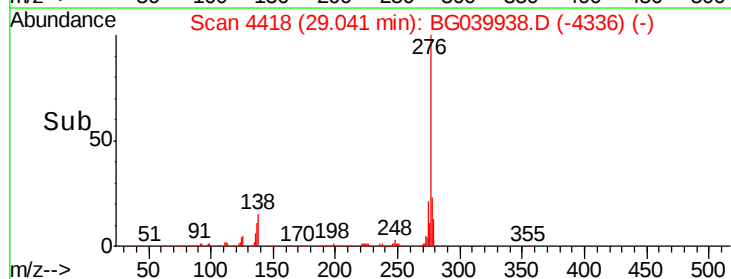
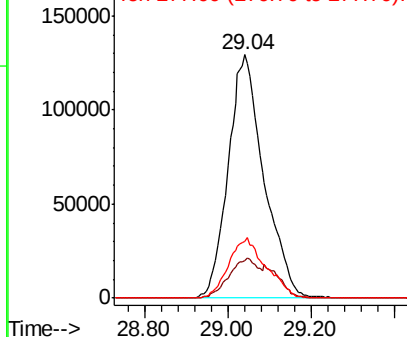
Lab File: BG039938.D

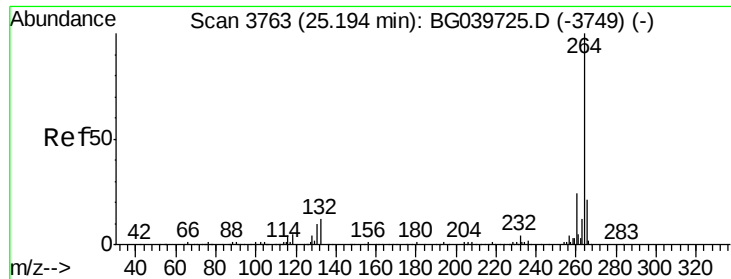
Acq: 15 Mar 2019 12:53

Tgt Ion:	276	Resp:	768851
Ion Ratio	Lower	Upper	
276	100		
138	13.5	12.6	19.0
277	25.9	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

Pervlene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

Instrument :

BNA_G

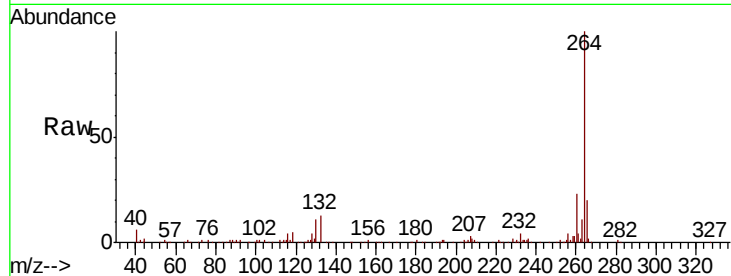
ClientSampleId :

PB117948BS

Tot Ion:	264	Resp:	259867
Ion Ratio		Lower	Upper
264	100		
260	22.9	18.2	27.4
265	20.5	18.5	27.7

Manual Integrations
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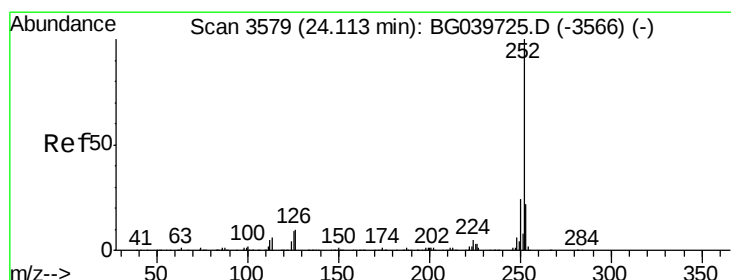
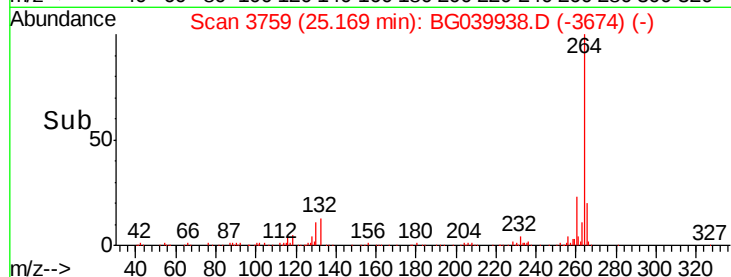
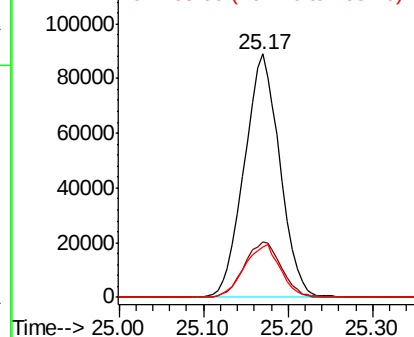


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.676 ng

RT: 24.09 min Scan# 3576

Delta R.T. -0.02 min

Lab File: BG039938.D

Acq: 15 Mar 2019 12:53

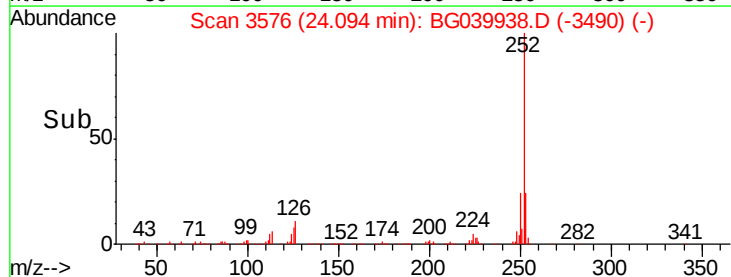
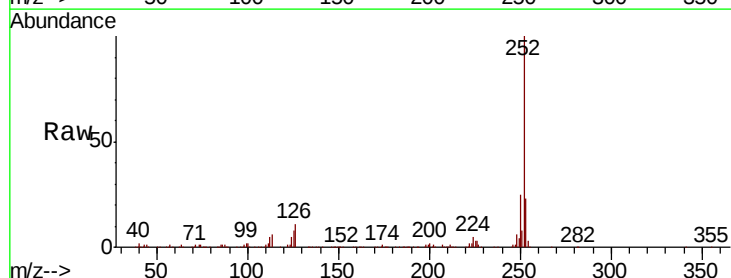
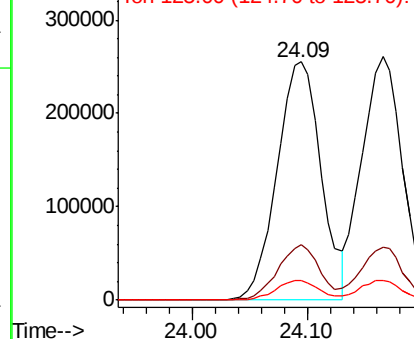
Tgt Ion:	252	Resp:	676821
Ion Ratio		Lower	Upper
252	100		
253	23.5	17.8	26.8
125	8.4	7.8	11.6

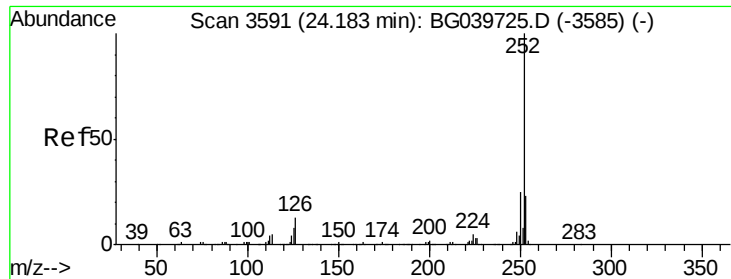
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





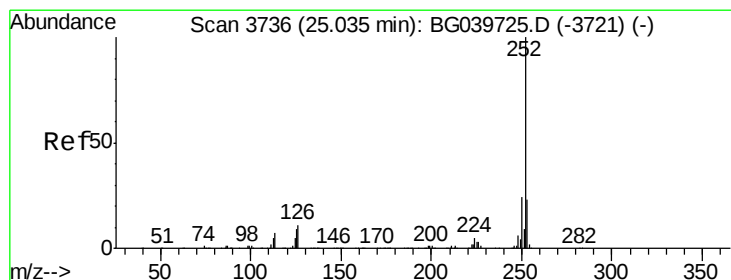
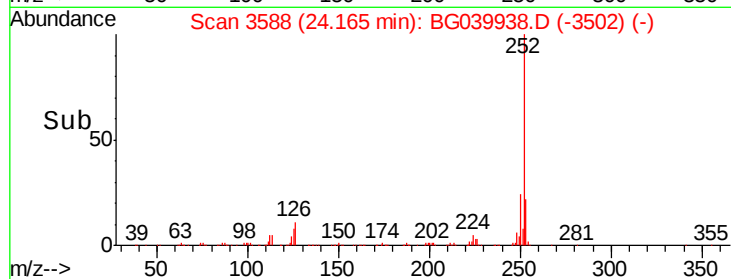
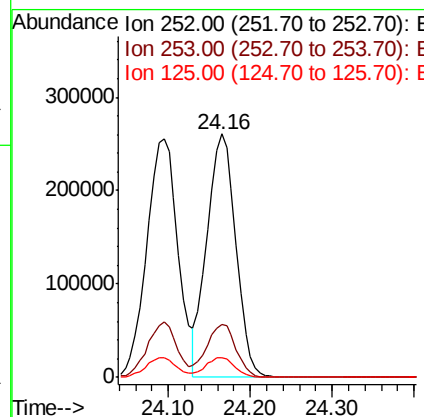
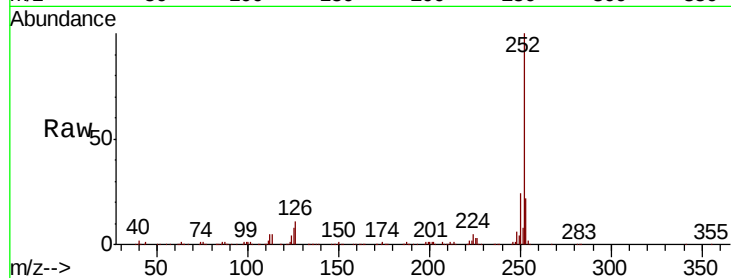
#89
Benzo(k)fluoranthene
Concen: 44.326 ng
RT: 24.16 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	7.8	7.4	11.2

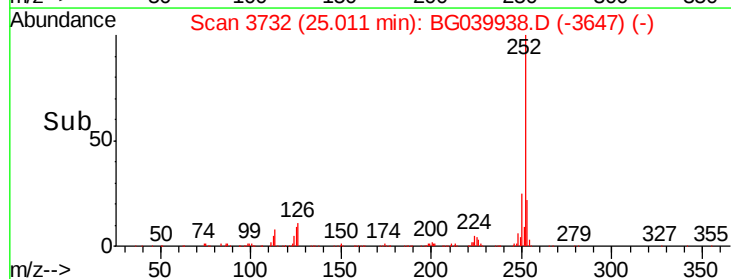
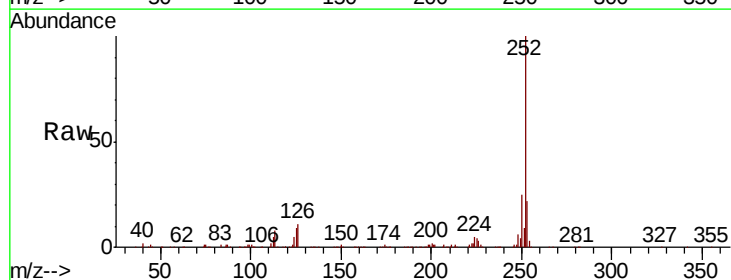
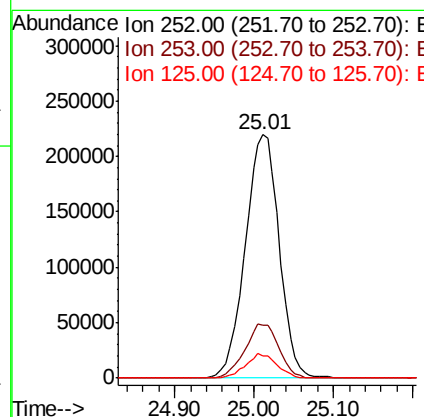
Manual Integrations
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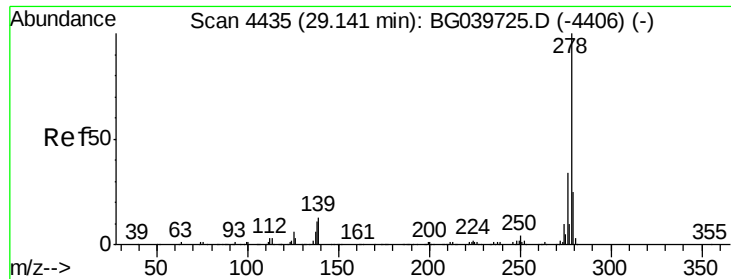
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#90
Benzo(a)pyrene
Concen: 45.461 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	9.0	8.3	12.5





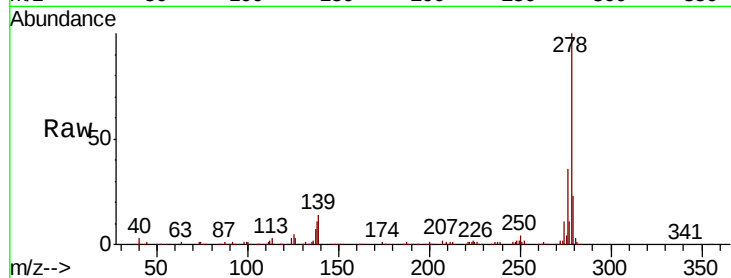
#91
Dibenzo(a,h)anthracene
Concen: 44.141 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.7	17.5
279	22.8	19.1	28.7

Manual Integrations
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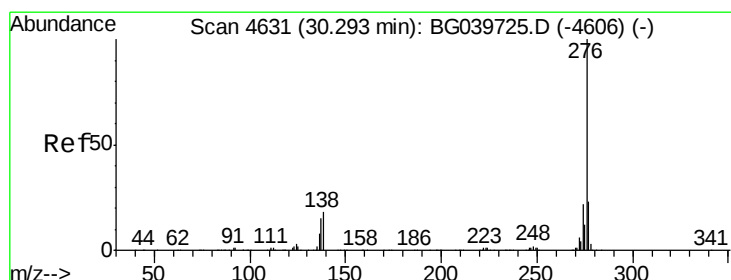
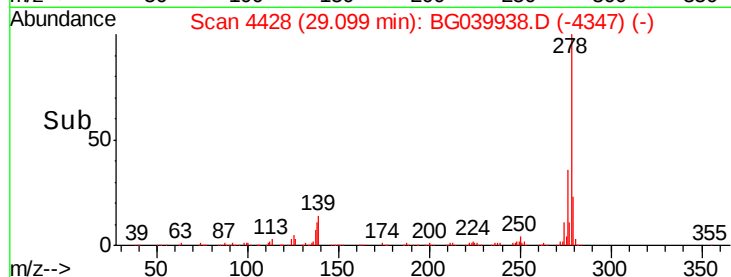
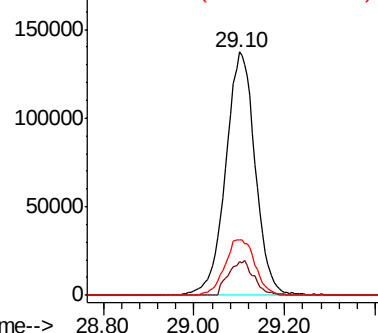


Abundance

Ion 278.00 (277.70 to 278.70): E

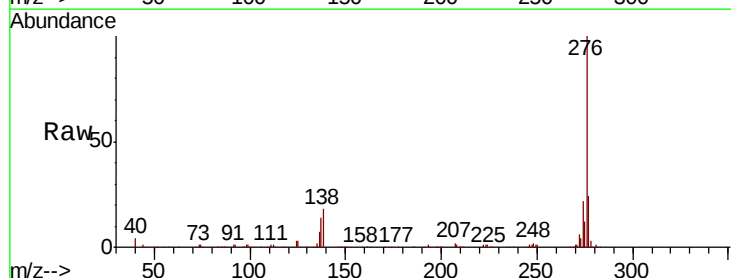
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.438 ng
RT: 30.26 min Scan# 4626
Delta R.T. -0.05 min
Lab File: BG039938.D
Acq: 15 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	17.5	14.7	22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

