

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039838.D
 Acq On : 11 Mar 2019 12:37
 Operator : JU/SJ
 Sample : PB117734BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117734BS

Manual Integrations
 APPROVED

Sohil
 3/12/2019 4:42:19 PM

Quant Time: Mar 12 03:41:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41346	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	185270	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	127402	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	321014	20.00	ng	0.00
76) Chrysene-d12	21.82	240	326464	20.00	ng	0.00
87) Perylene-d12	25.19	264	304544	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	350800	144.75	ng	0.00
7) Phenol-d6	7.30	99	494522	136.85	ng	0.00
23) Nitrobenzene-d5	9.33	82	263735	76.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	202031	136.05	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	653515	73.04	ng	-0.01
79) Terphenyl-d14	20.12	244	1113833	75.12	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.58	88	37838	33.817 ng	97
3) Pyridine	3.99	79	95944	32.030 ng	95
4) n-Nitrosodimethylamine	3.91	42	53857	37.900 ng	93
6) Aniline	7.48	93	135478	28.616 ng	98
8) 2-Chlorophenol	7.71	128	123425	41.978 ng	97
9) Benzaldehyde	7.29	77	63281	27.147 ng	96
10) Phenol	7.33	94	168610	43.070 ng	97
11) bis(2-Chloroethyl)ether	7.57	93	115007	37.680 ng	97
12) 1,3-Dichlorobenzene	8.04	146	123383	37.104 ng	96
13) 1,4-Dichlorobenzene	8.19	146	127797	37.730 ng	96
14) 1,2-Dichlorobenzene	8.51	146	123304	37.678 ng	99
15) Benzyl Alcohol	8.39	79	119513	41.692 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	227800	37.317 ng	98
17) 2-Methylphenol	8.59	107	109449	43.846 ng	96
18) Hexachloroethane	9.24	117	44506	36.620 ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	94910	36.489 ng	93
20) 3+4-Methylphenols	8.91	107	150344	43.355 ng	96
22) Acetophenone	8.98	105	182241	36.649 ng	# 95
24) Nitrobenzene	9.38	77	143134	39.829 ng	97
25) Isophorone	9.89	82	274022	38.177 ng	96
26) 2-Nitrophenol	10.09	139	69607	40.117 ng	97
27) 2,4-Dimethylphenol	10.13	122	130809	48.474 ng	95
28) bis(2-Chloroethoxy)methane	10.37	93	168153	38.550 ng	99
29) 2,4-Dichlorophenol	10.62	162	137192	45.154 ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	132407	38.728 ng	97
31) Naphthalene	11.03	128	387417	39.495 ng	99
32) Benzoic acid	10.26	122	67736	38.131 ng	99
33) 4-Chloroaniline	11.14	127	96207	23.129 ng	97
34) Hexachlorobutadiene	11.29	225	87683	37.531 ng	95
35) Caprolactam	11.91	113	46730m	40.263 ng	
36) 4-Chloro-3-methylphenol	12.24	107	146414	42.039 ng	97
37) 2-Methylnaphthalene	12.62	142	290322	39.587 ng	100
38) 1-Methylnaphthalene	12.84	142	280582	39.369 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	166647	38.611 ng	99

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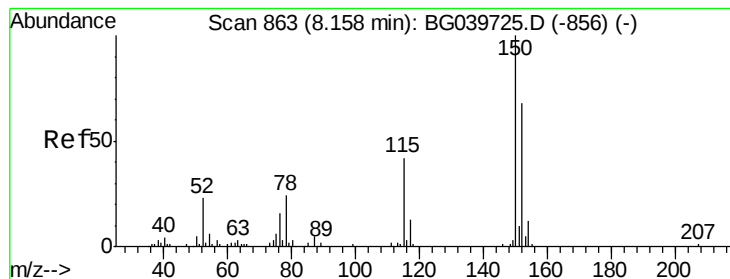
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	193683	83.737	nq	100
43) 2,4,6-Trichlorophenol	13.22	196	114825	45.442	nq	99
44) 2,4,5-Trichlorophenol	13.29	196	124848	43.834	nq	96
46) 1,1'-Biphenyl	13.61	154	400839	38.253	nq	100
47) 2-Chloronaphthalene	13.67	162	310196	39.350	nq	98
48) 2-Nitroaniline	13.88	65	108615	42.874	nq	96
49) Acenaphthylene	14.51	152	503397	38.900	nq	100
50) Dimethylphthalate	14.23	163	416446	39.091	nq	100
51) 2,6-Dinitrotoluene	14.36	165	93326	41.323	nq	97
52) Acenaphthene	14.85	154	308287	39.581	nq	98
53) 3-Nitroaniline	14.69	138	67230	29.614	nq	# 92
54) 2,4-Dinitrophenol	14.90	184	93320	66.474	nq	97
55) Dibenzofuran	15.18	168	502680	39.337	nq	99
56) 4-Nitrophenol	14.99	139	164087	80.797	nq	90
57) 2,4-Dinitrotoluene	15.14	165	134873	42.502	nq	91
58) Fluorene	15.82	166	399674	39.785	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	123717	44.476	nq	97
60) Diethylphthalate	15.58	149	423638	40.171	nq	97
61) 4-Chlorophenyl-phenylether	15.81	204	214746	40.059	nq	98
62) 4-Nitroaniline	15.86	138	102608	41.691	nq	93
63) Azobenzene	16.10	77	383616	40.129	nq	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	73333	38.636	nq	98
66) n-Nitrosodiphenylamine	16.03	169	371500	39.974	nq	96
67) 4-Bromophenyl-phenylether	16.70	248	137630	38.303	nq	97
68) Hexachlorobenzene	16.82	284	145107	38.959	nq	96
69) Atrazine	16.97	200	150183	41.061	nq	97
70) Pentachlorophenol	17.17	266	183463	77.993	nq	98
71) Phenanthrene	17.57	178	681367	38.535	nq	98
72) Anthracene	17.66	178	695455	40.361	nq	99
73) Carbazole	17.93	167	615613	39.631	nq	99
74) Di-n-butylphthalate	18.46	149	753049	41.203	nq	99
75) Fluoranthene	19.57	202	831246	39.779	nq	99
77) Benzidine	19.75	184	297368	28.704	nq	99
78) Pyrene	19.93	202	818982	38.606	nq	99
80) Butylbenzylphthalate	20.80	149	347003	42.221	nq	94
81) Benzo(a)anthracene	21.80	228	787741	38.501	nq	100
82) 3,3'-Dichlorobenzidine	21.71	252	208968	27.974	nq	98
83) Chrysene	21.87	228	755320	38.079	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	478154	41.401	nq	98
85) Di-n-octyl phthalate	22.91	149	820797	42.922	nq	95
86) Indeno(1,2,3-cd)pyrene	29.06	276	871403	38.724	nq	99
88) Benzo(b)fluoranthene	24.10	252	781997	43.060	nq	99
89) Benzo(k)fluoranthene	24.18	252	754494	44.632	nq	99
90) Benzo(a)pyrene	25.03	252	760388	45.311	nq	99
91) Dibenzo(a,h)anthracene	29.14	278	713770	43.386	nq	98
92) Benzo(g,h,i)perylene	30.29	276	720565	43.610	nq	98

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



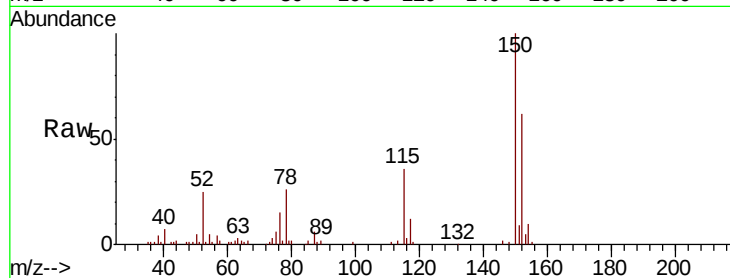
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Instrument :
 BNA_G
 ClientSampled :
 PB117734BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.7	185.5
115	57.8	45.9	68.9

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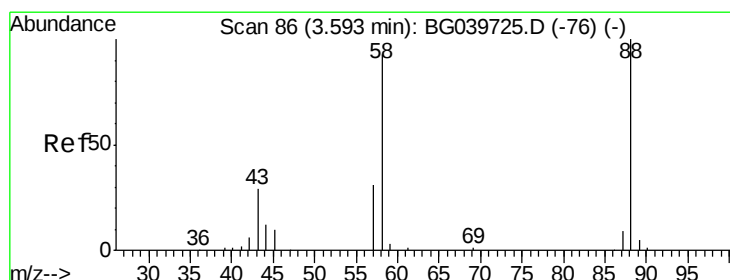
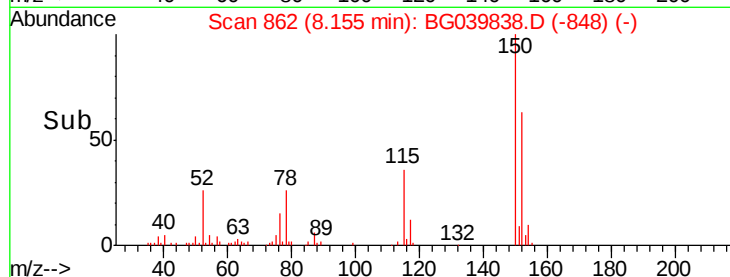
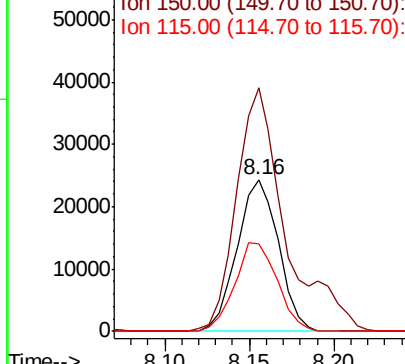


Abundance

Ion 152.00 (151.70 to 152.70): E

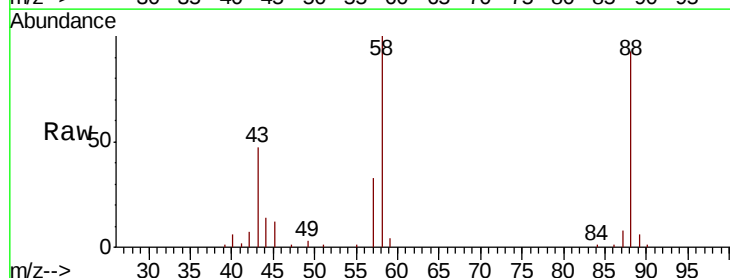
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 33.817 ng
 RT: 3.58 min Scan# 84
 Delta R.T. -0.02 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.9	81.1	121.7
43	37.3	31.4	47.0

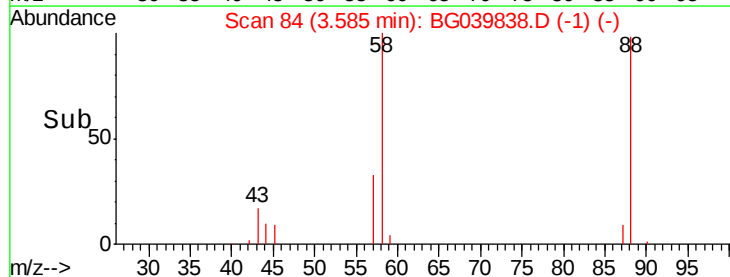
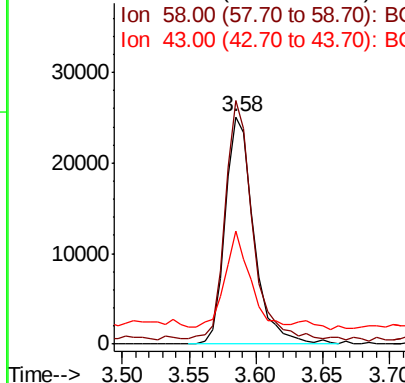


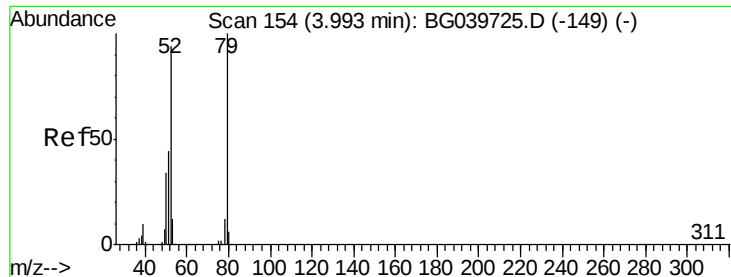
Abundance

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: 32.030 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Instrument :

BNA_G

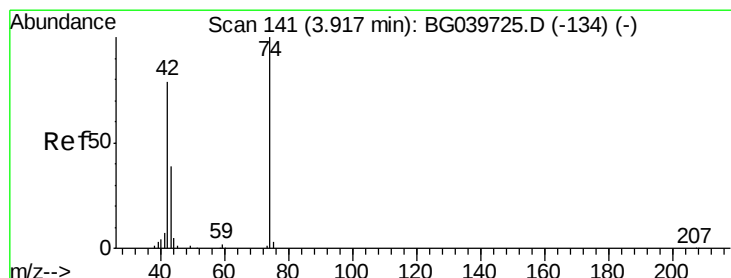
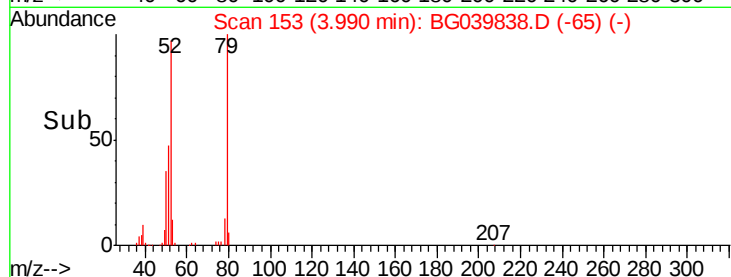
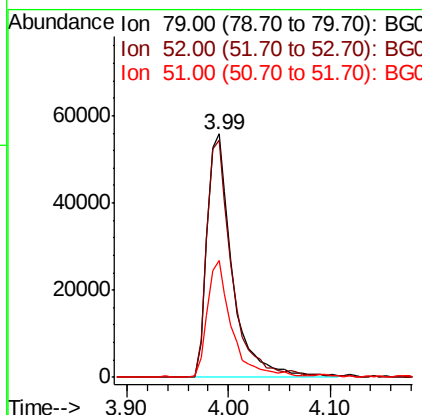
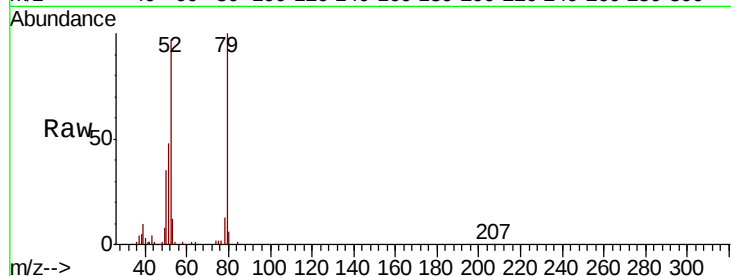
ClientSampleId :

PB117734BS

Tot Ion:	79	Resp:	95944
Ion Ratio	Lower	Upper	
79	100		
52	97.2	82.6	124.0
51	48.1	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 37.900 ng

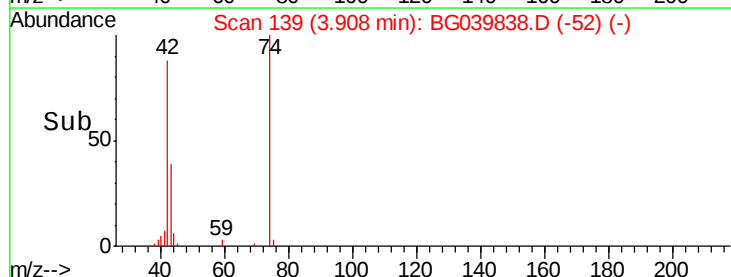
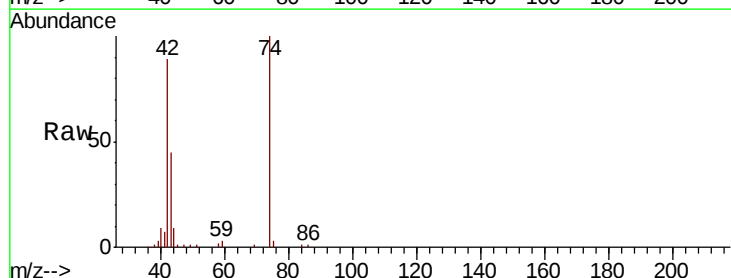
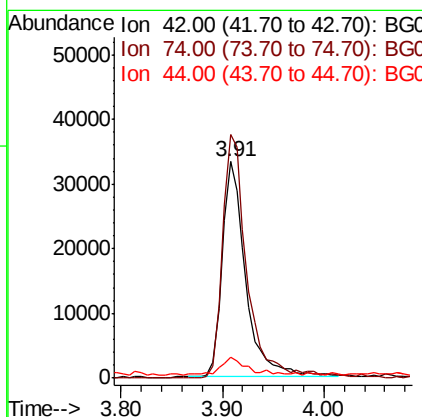
RT: 3.91 min Scan# 139

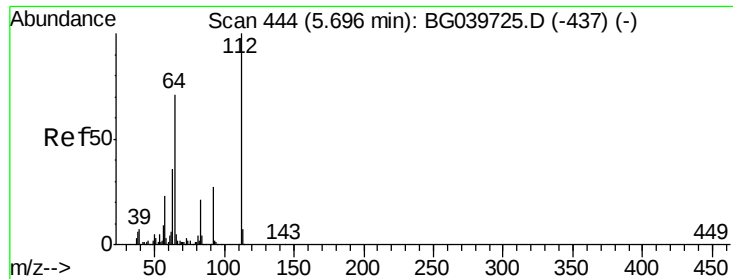
Delta R.T. -0.02 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Tgt Ion:	42	Resp:	53857
Ion Ratio	Lower	Upper	
42	100		
74	112.5	83.6	125.4
44	9.6	6.9	10.3





#5

2-Fluorophenol

Concen: 144.746 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Instrument :

BNA_G

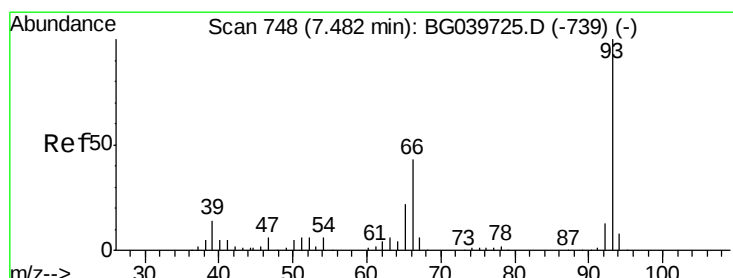
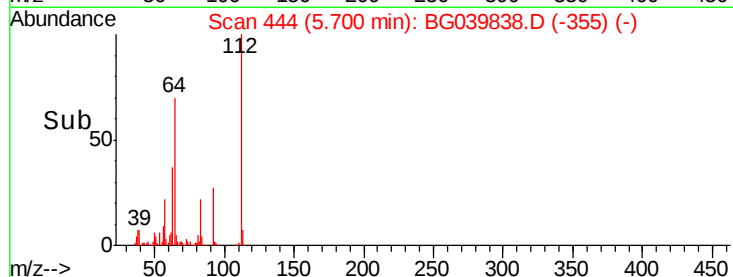
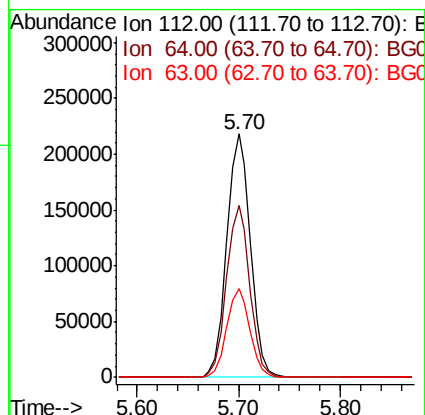
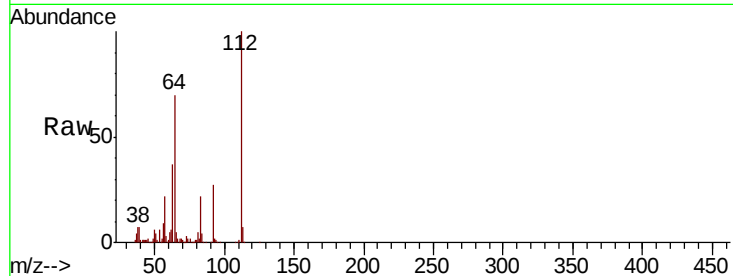
ClientSampled :

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Tot Ion:	112	Resp:	350800
Ion Ratio	Lower	Upper	
112	100		
64	70.4	57.8	86.8
63	36.5	29.8	44.6

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#6

Aniline

Concen: 28.616 ng

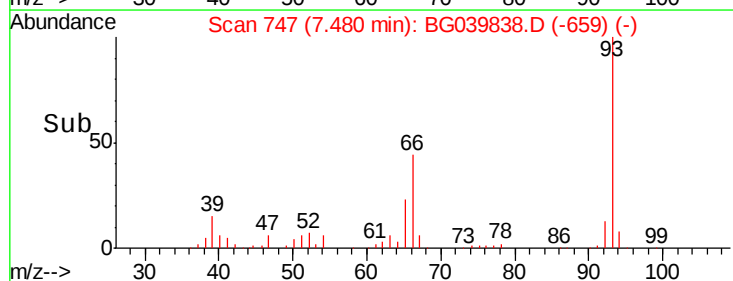
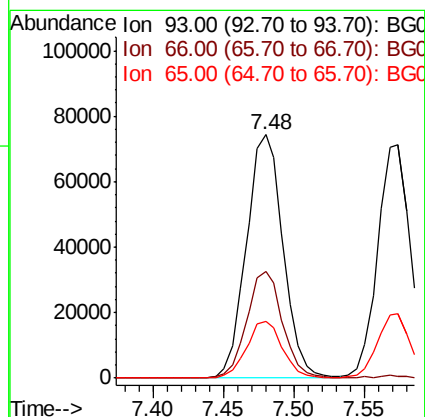
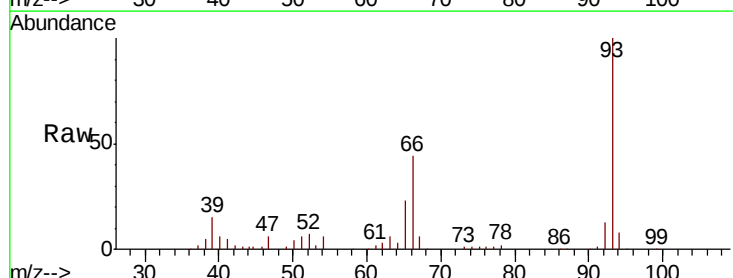
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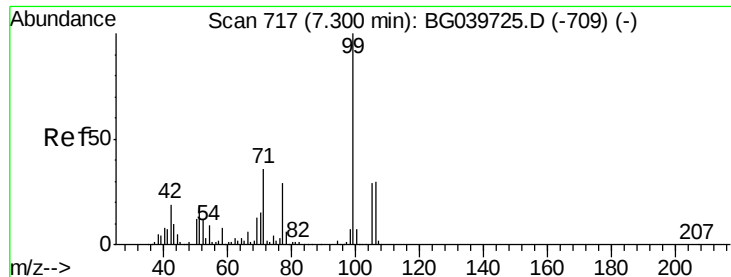
Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Tgt Ion:	93	Resp:	135478
Ion Ratio	Lower	Upper	
93	100		
66	43.8	34.2	51.4
65	23.1	17.7	26.5





#7

Phenol-d6

Concen: 136.848 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Instrument :

BNA_G

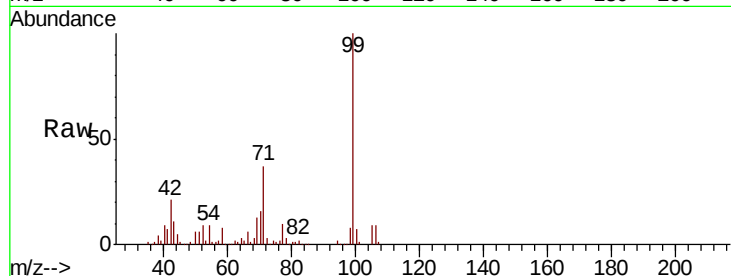
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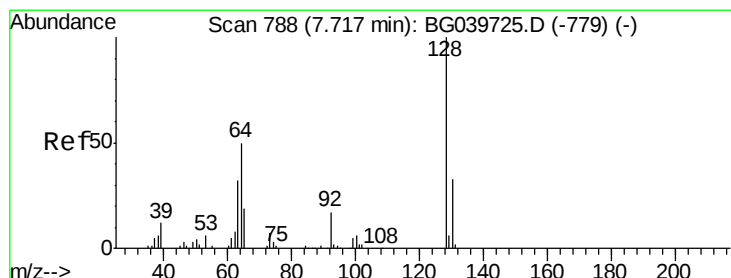
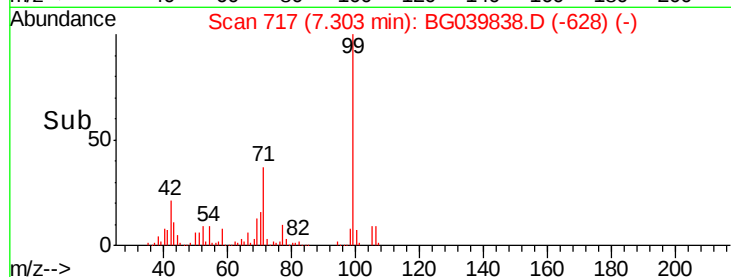
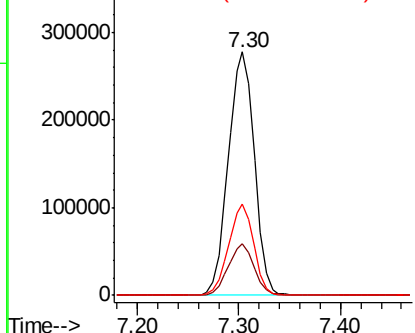
Tot Ion:	99	Resp:	494522
Ion Ratio	Lower	Upper	
99	100		
42	21.0	18.2	27.2
71	37.4	28.0	42.0

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.978 ng

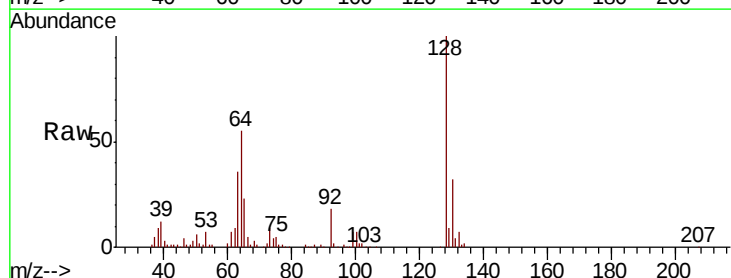
RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

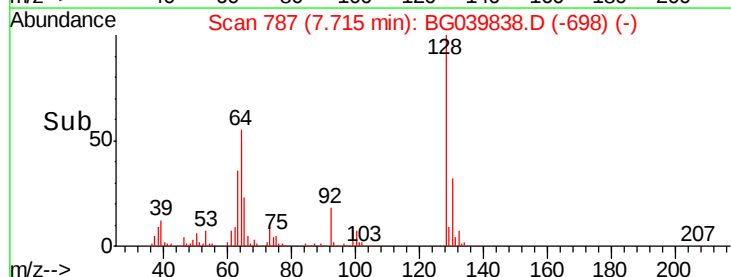
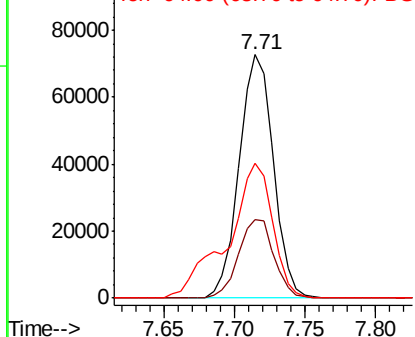
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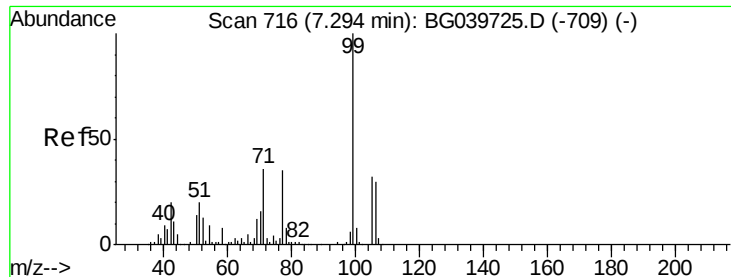
Acq: 11 Mar 2019 12:37

Tgt Ion:	128	Resp:	123425
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.9	52.9
64	55.2	38.7	78.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 27.147 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Instrument :

BNA_G

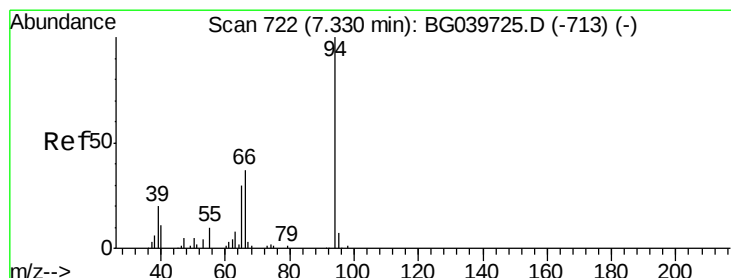
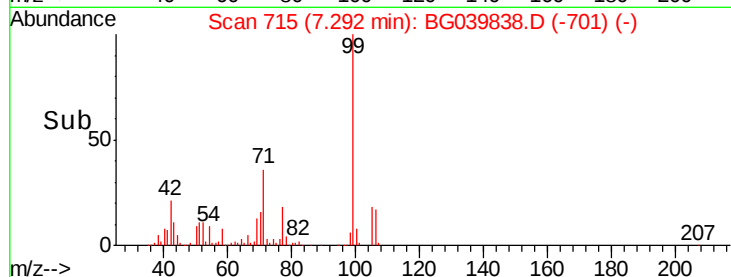
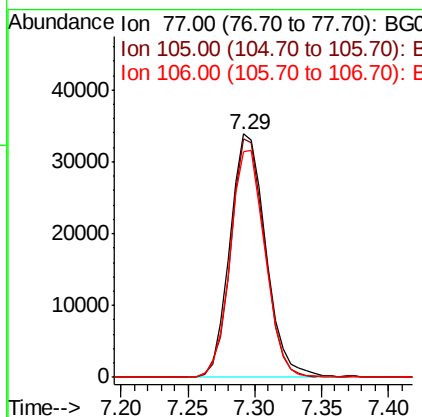
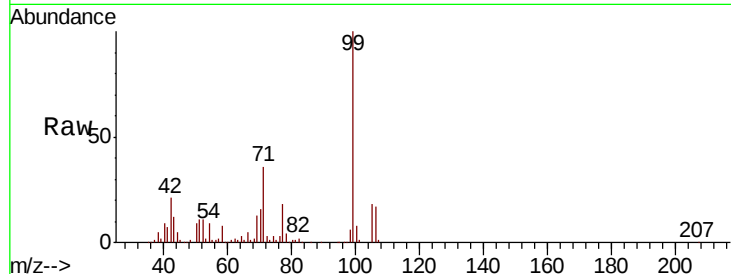
ClientSampleId :

PB117734BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.1	74.5	114.5
106	92.7	68.0	108.0

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#10

Phenol

Concen: 43.070 ng

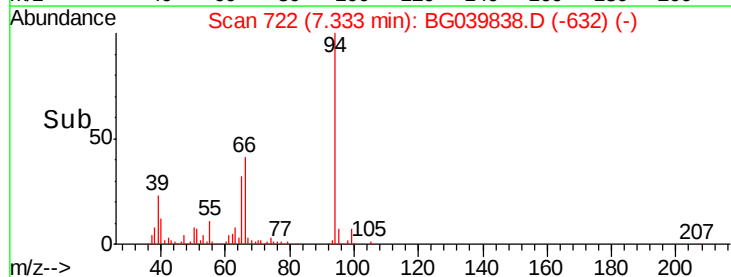
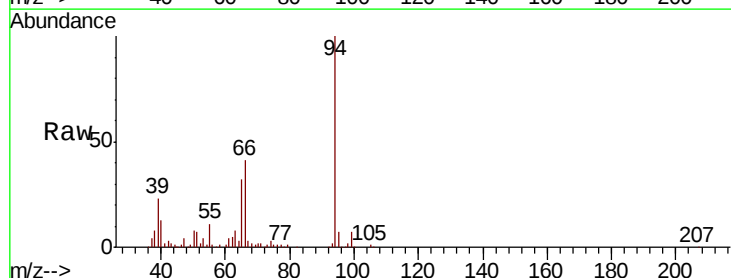
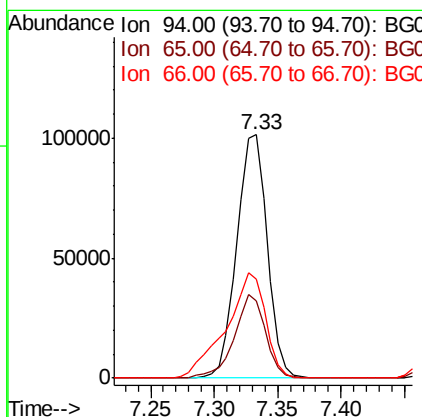
RT: 7.33 min Scan# 722

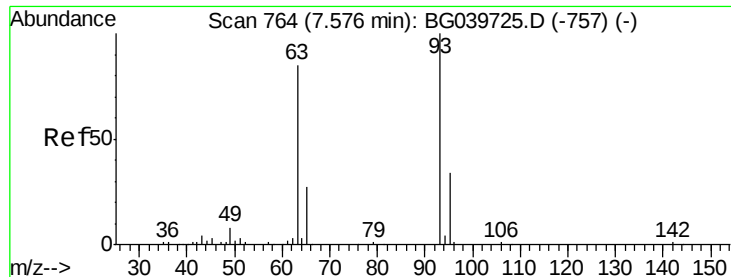
Delta R.T. -0.00 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.7	11.7	51.7
66	40.5	23.7	63.7





#11

bis(2-Chloroethyl)ether

Concen: 37.680 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Instrument :

BNA_G

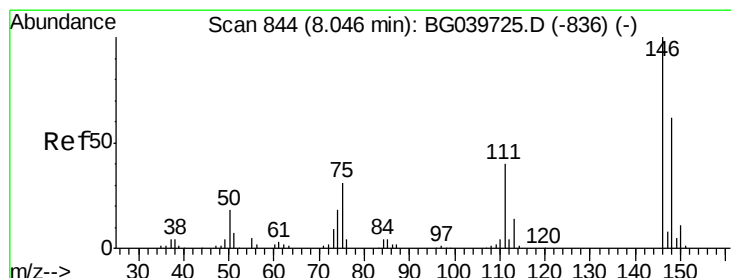
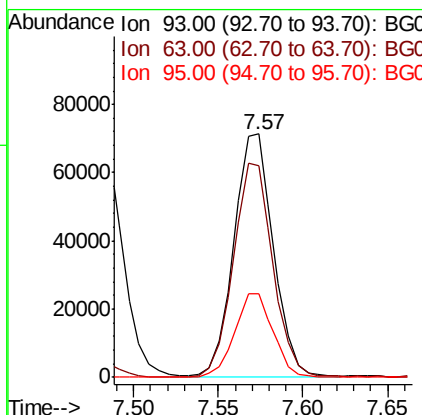
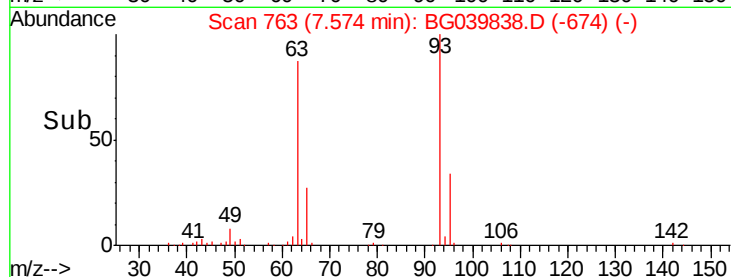
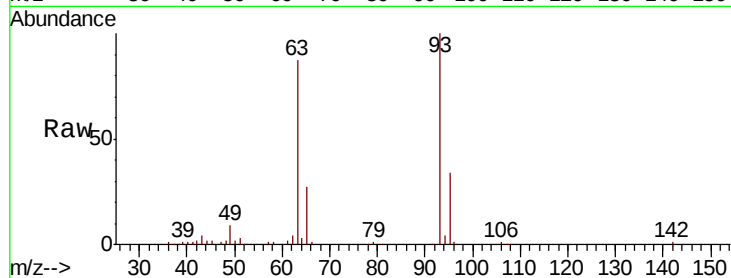
ClientSampleId :

PB117734BS

Tot Ion:	93	Resp:	115007
Ion Ratio	Lower	Upper	
93	100		
63	86.9	69.5	109.5
95	34.2	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 37.104 ng

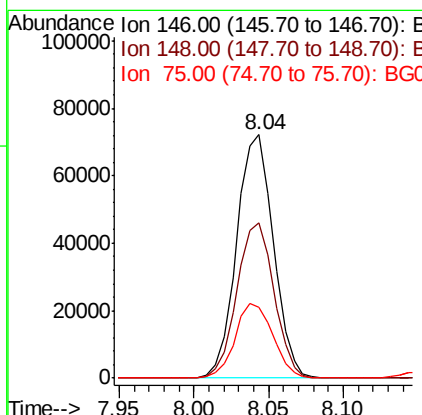
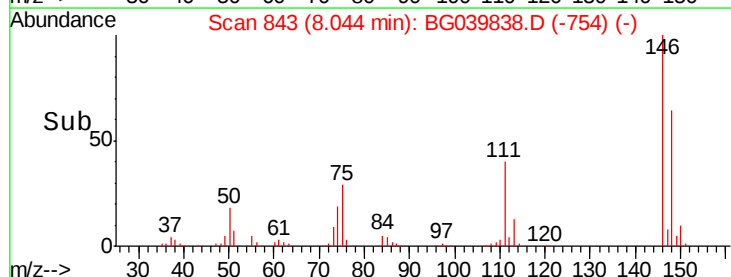
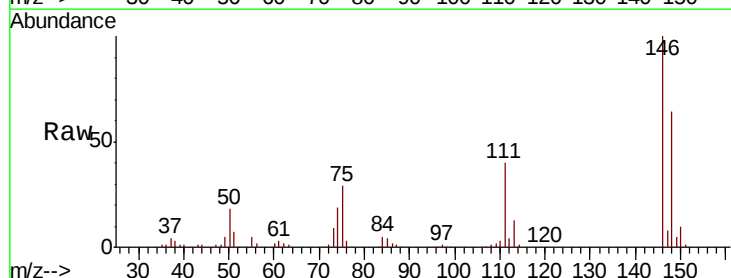
RT: 8.04 min Scan# 843

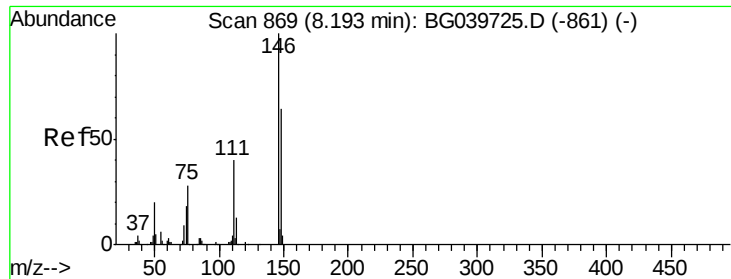
Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Tgt Ion:	146	Resp:	123383
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.6	79.0
75	29.3	25.8	38.6





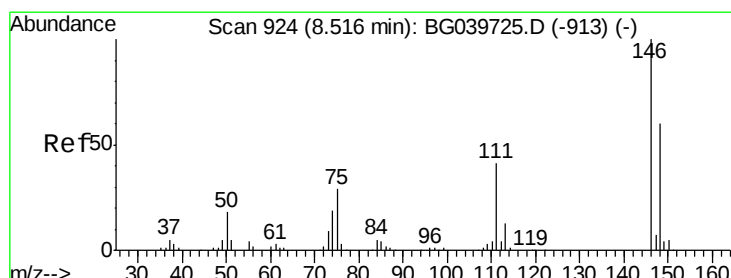
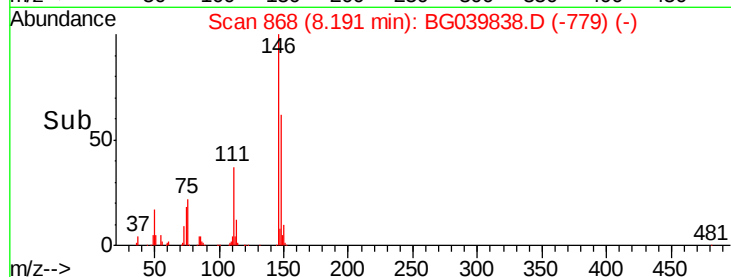
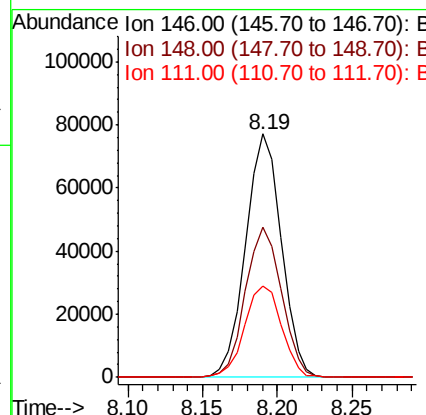
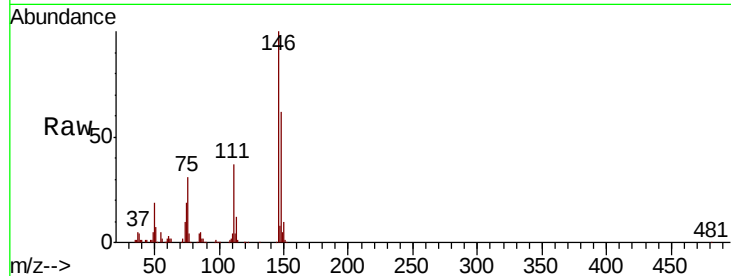
#13
 1,4-Dichlorobenzene
 Concen: 37.730 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117734BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.1	76.7
111	37.4	32.6	48.8

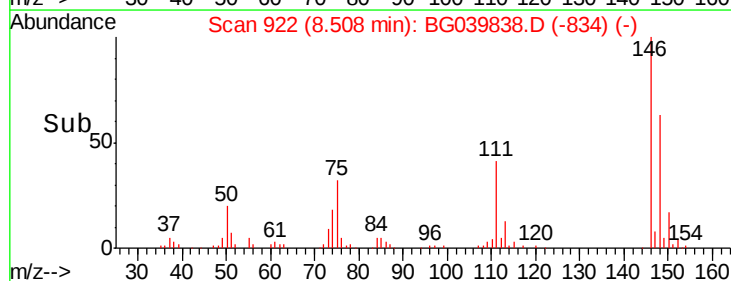
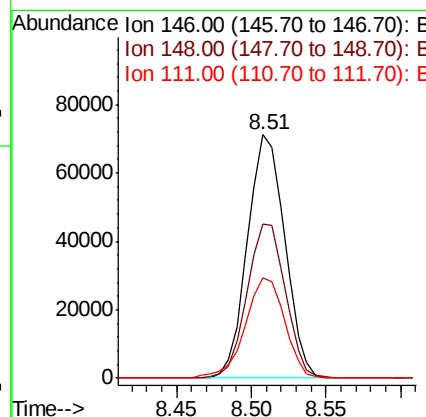
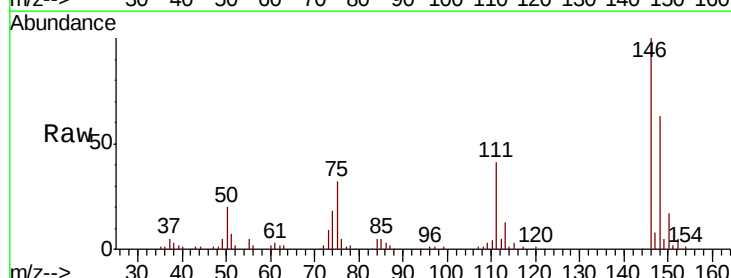
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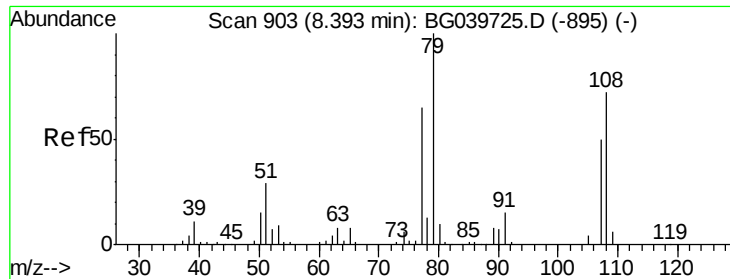
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#14
 1,2-Dichlorobenzene
 Concen: 37.678 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.5	77.3
111	41.4	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.692 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Instrument :

BNA_G

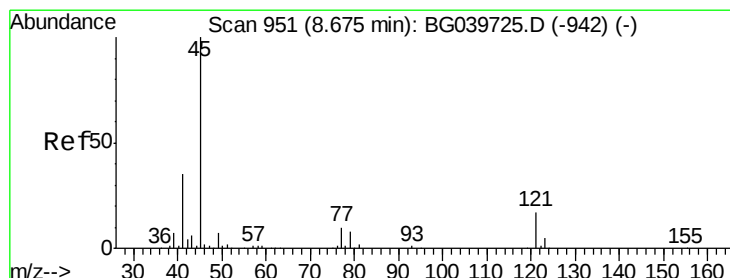
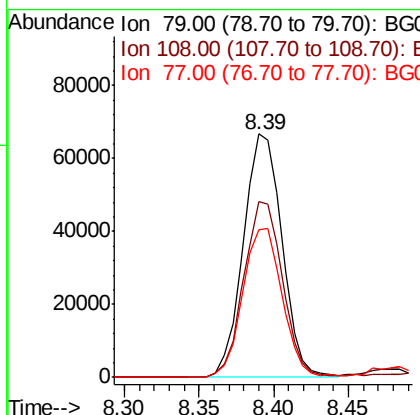
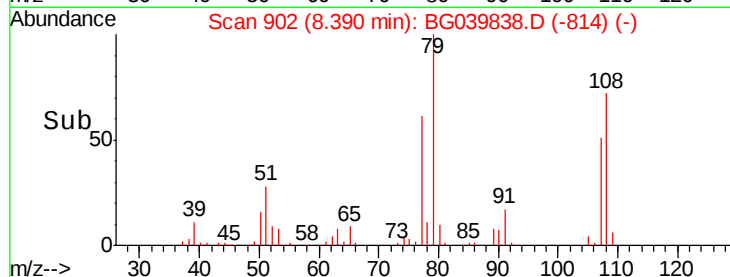
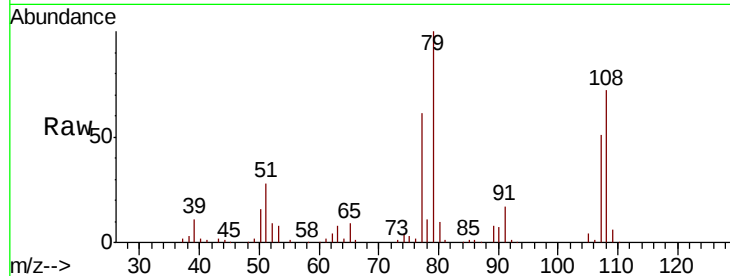
ClientSampled :

PB117734BS

Tot Ion:	79	Resp:	119513
Ion Ratio	Lower	Upper	
79	100		
108	72.2	57.8	86.6
77	60.9	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.317 ng

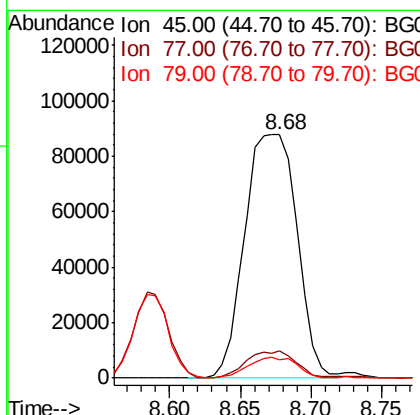
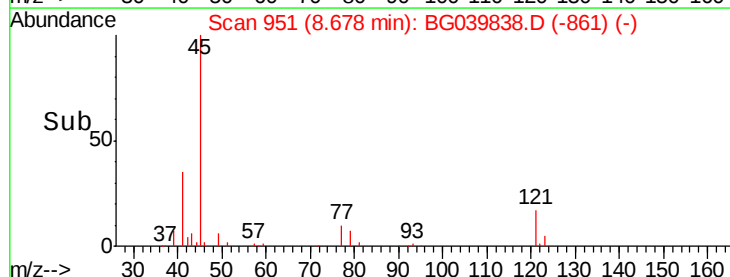
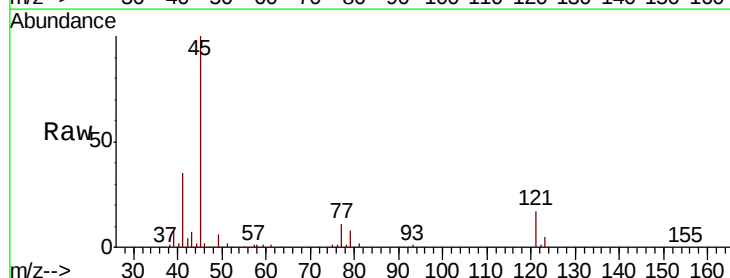
RT: 8.68 min Scan# 951

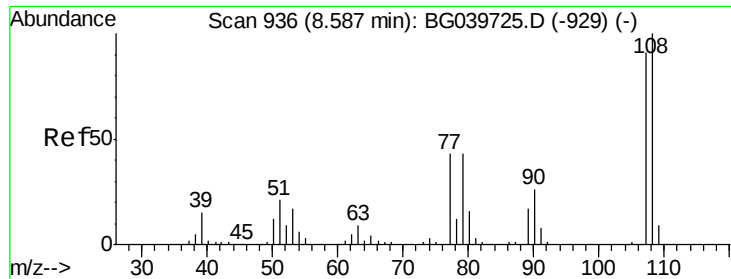
Delta R.T. -0.00 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Tgt Ion:	45	Resp:	227800
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	30.0
79	7.6	0.0	27.5





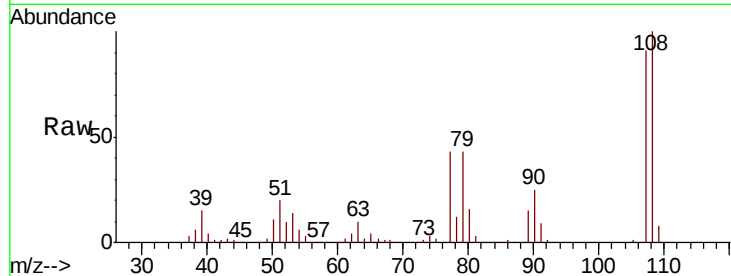
#17
2-Methylphenol
Concen: 43.846 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	90.8	136.2	
77	47.6	40.7	61.1	
79	46.9	40.6	60.8	

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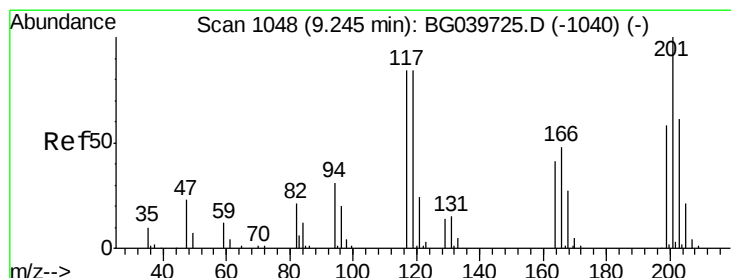
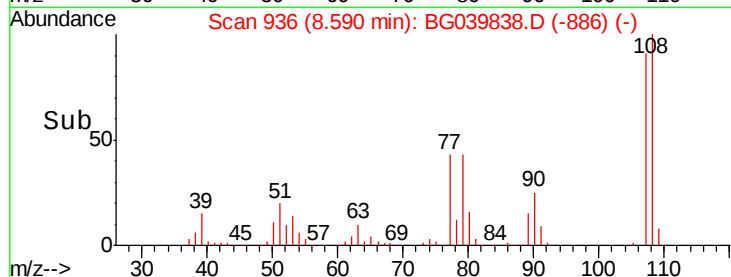
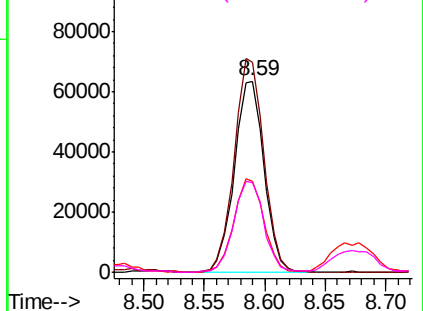
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

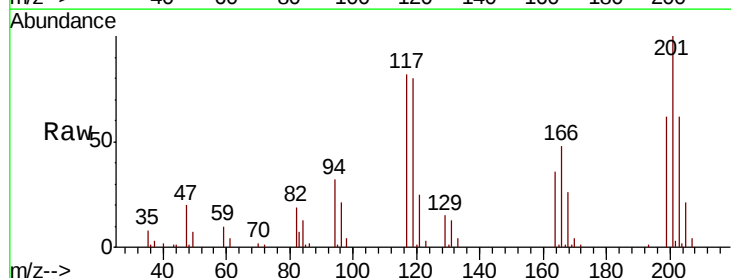
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.620 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	76.3	114.5	
201	121.9	91.1	136.7	

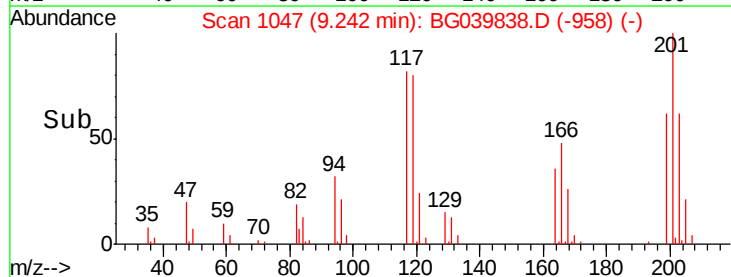
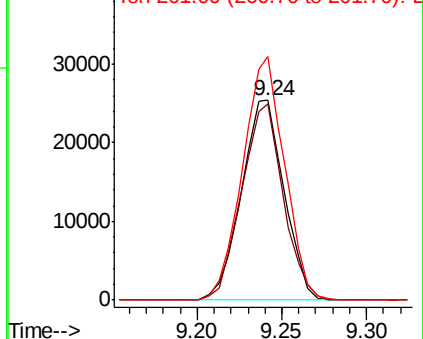


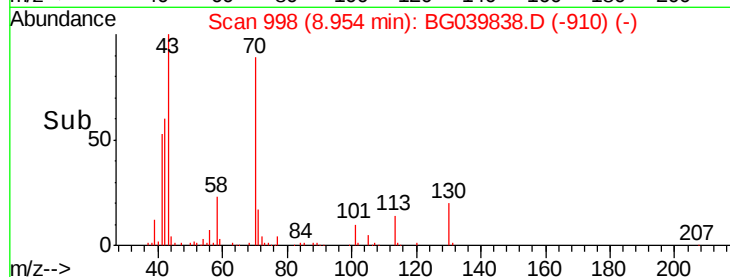
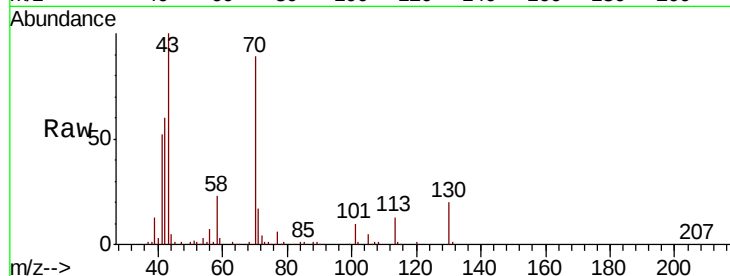
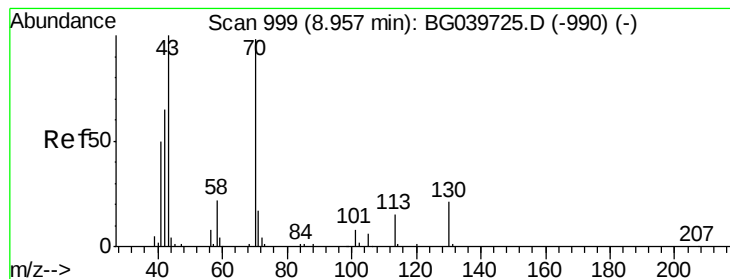
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.489 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Instrument :

BNA_G

ClientSampleId :

PB117734BS

Tot Ion: 70 Resp: 94910

Ion Ratio Lower Upper

70 100

42 67.6 60.4 90.6

101 10.8 7.5 11.3

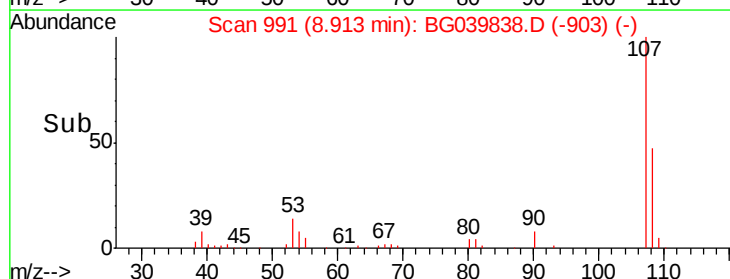
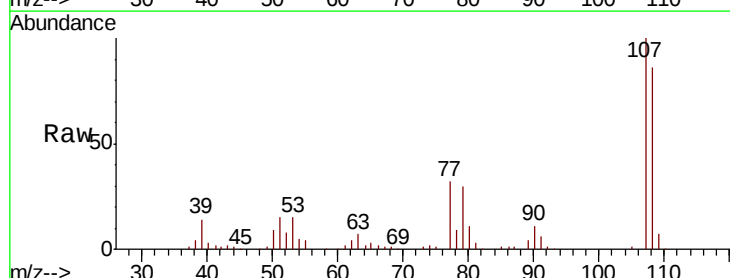
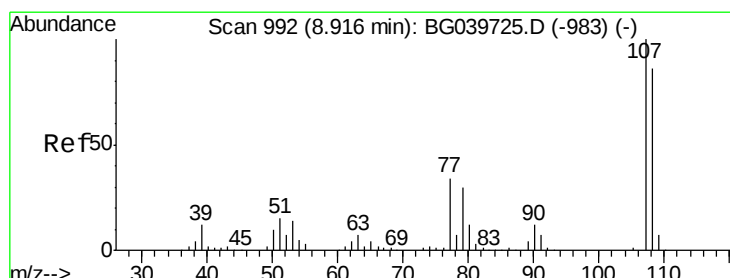
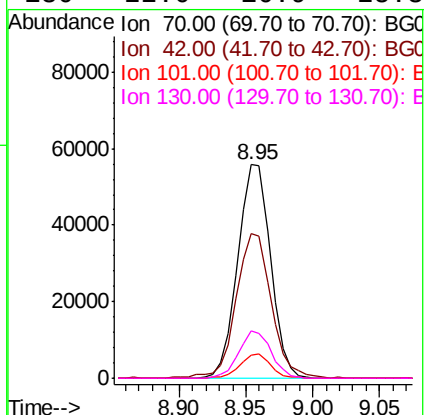
130 22.0 16.9 25.3

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#20

3+4-Methylphenols

Concen: 43.355 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Tgt Ion: 107 Resp: 150344

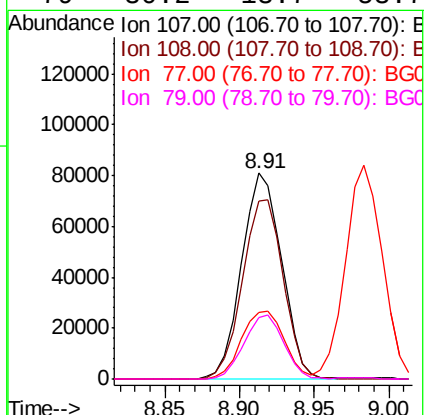
Ion Ratio Lower Upper

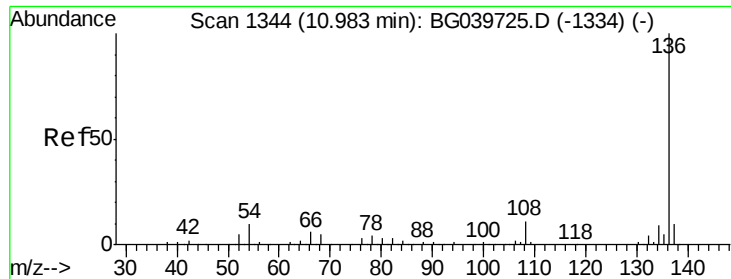
107 100

108 86.4 67.9 107.9

77 32.1 15.4 55.4

79 30.2 13.7 53.7





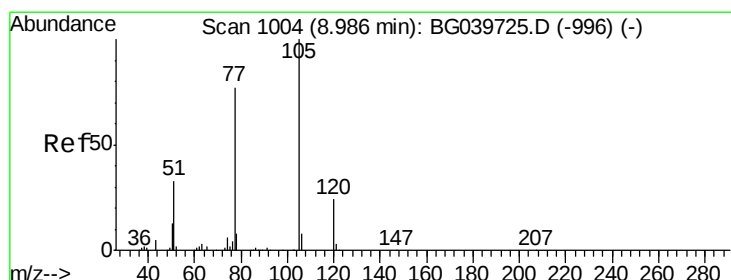
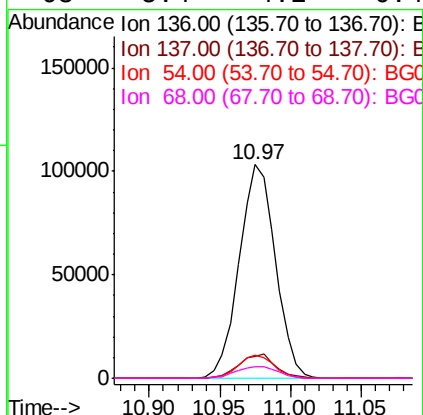
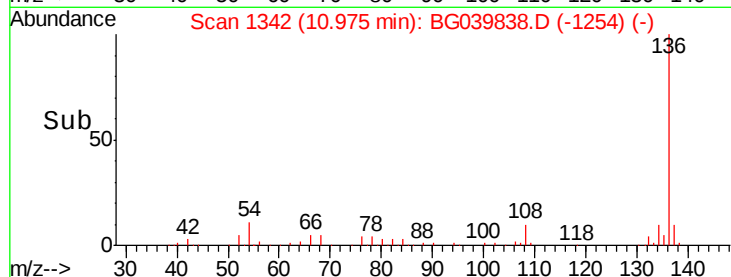
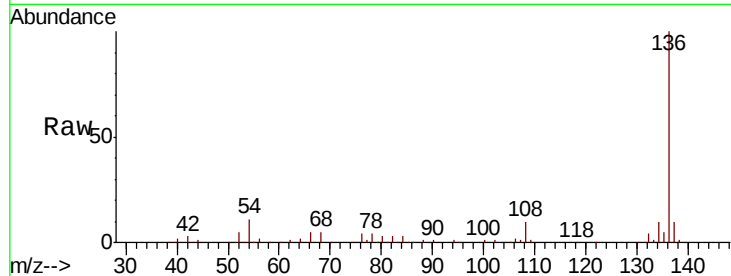
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	185270		
137	10.4		9.1	13.7
54	11.0		9.4	14.2
68	5.4		4.2	6.4

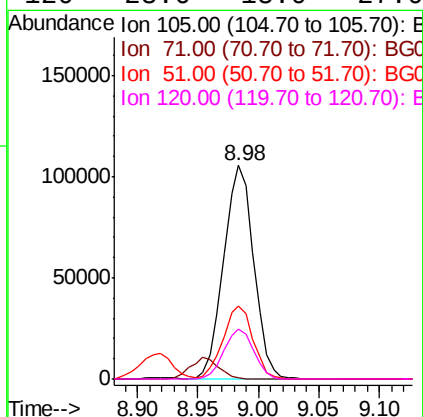
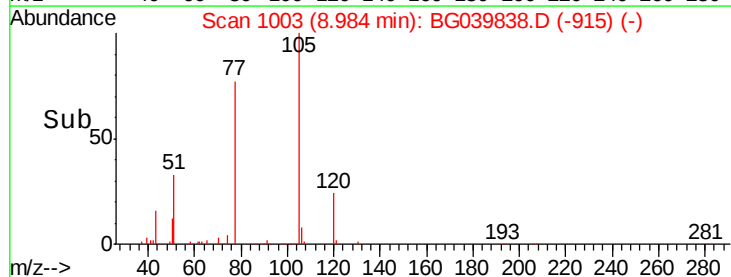
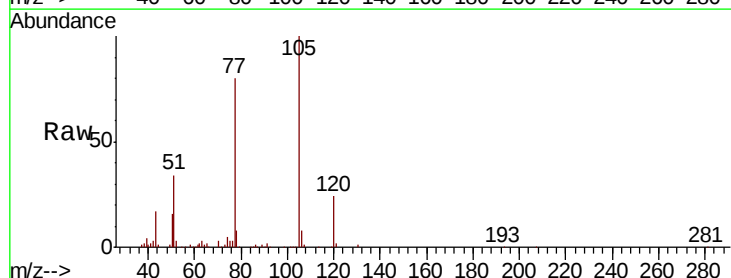
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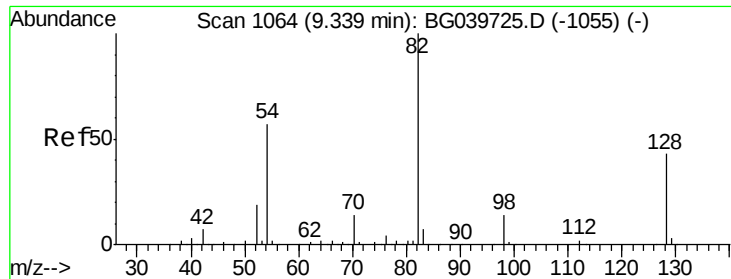
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#22
Acetophenone
Concen: 36.649 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	182241		
71	0.5		0.8	1.2#
51	34.1		30.2	45.2
120	23.6		18.0	27.0





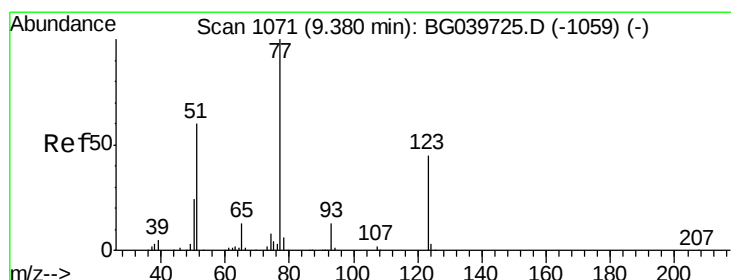
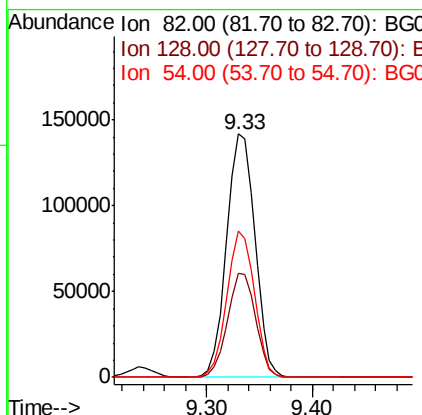
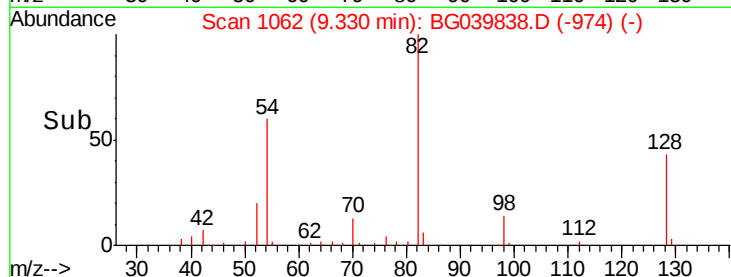
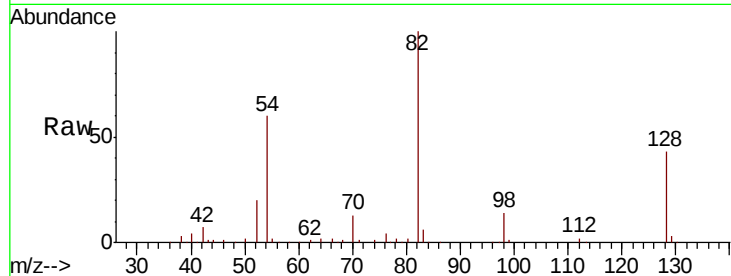
#23
Nitrobenzene-d5
Concen: 76.990 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	263735		
128	43.0		31.3	46.9
54	60.0		50.9	76.3

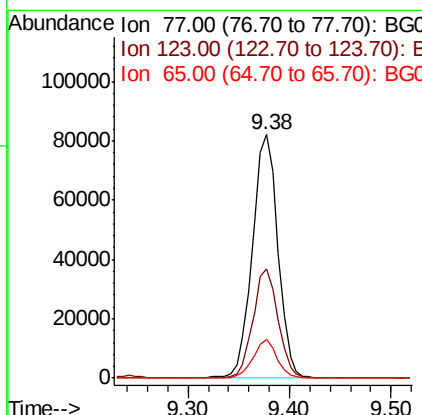
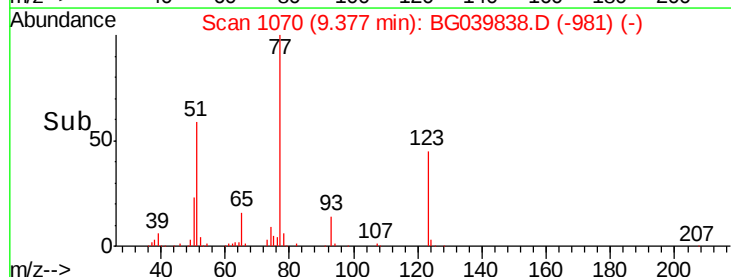
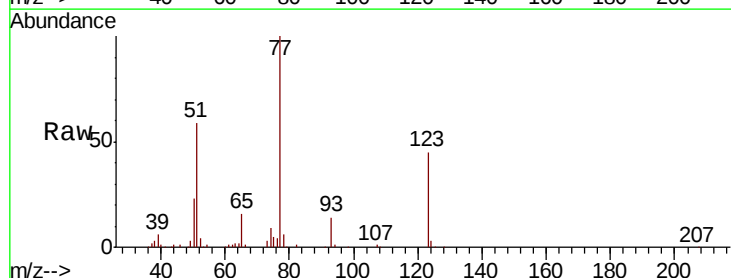
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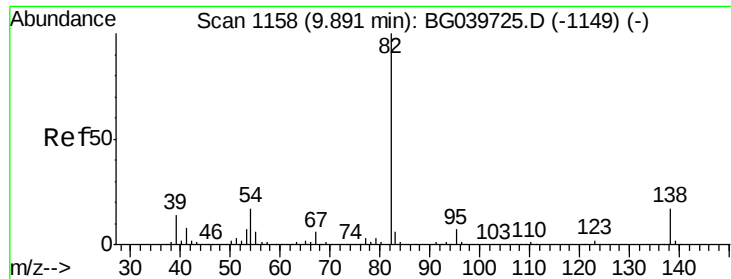
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#24
Nitrobenzene
Concen: 39.829 ng
RT: 9.38 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	143134		
123	44.8		34.1	51.1
65	16.1		12.3	18.5





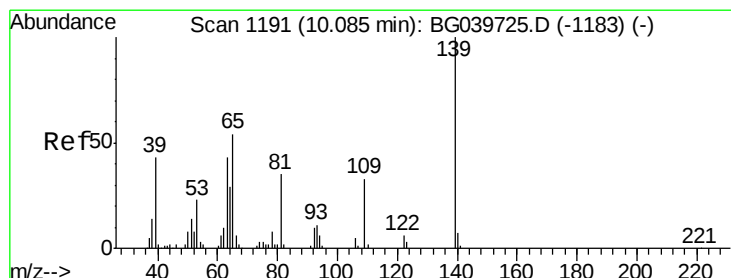
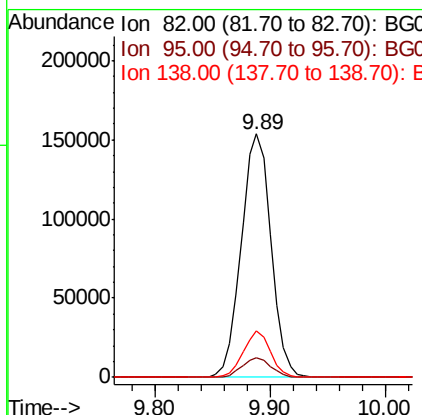
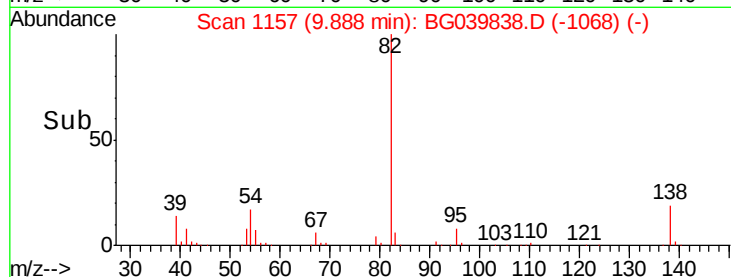
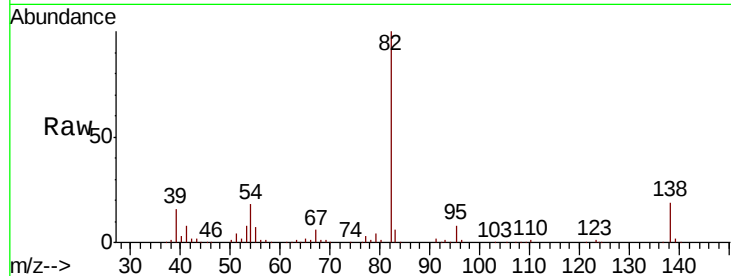
#25
Isophorone
Concen: 38.177 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	274022		
95	7.8		6.2	9.2
138	18.9		13.0	19.4

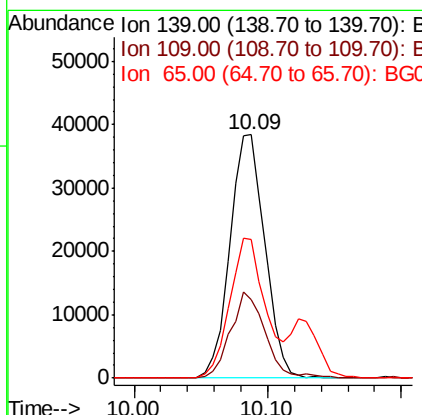
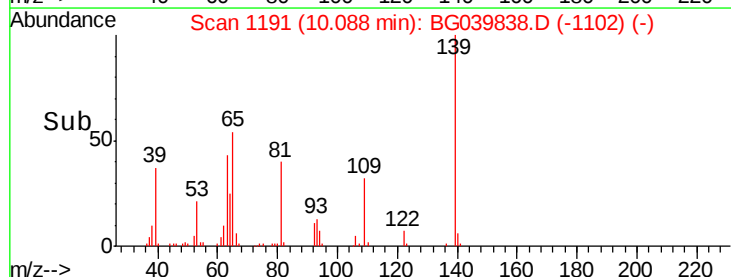
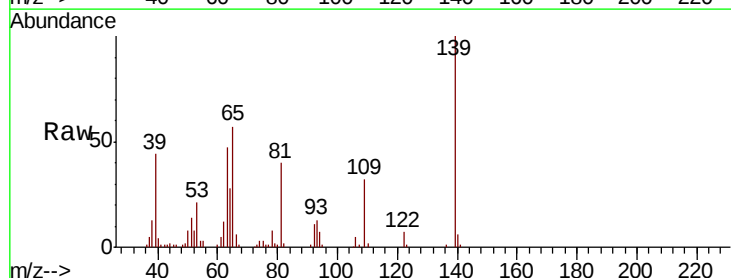
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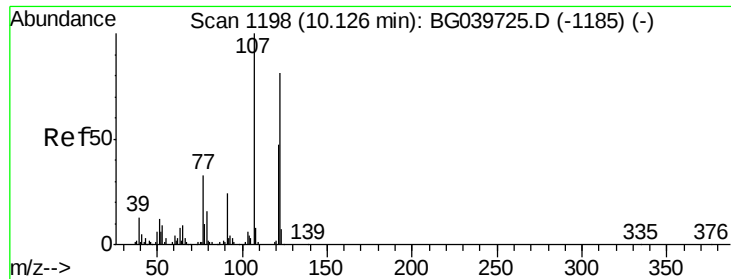
Sohil
3/12/2019 4:42:19 PM



#26
2-Nitrophenol
Concen: 40.117 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	69607		
109	32.3		23.4	35.0
65	56.9		44.3	66.5





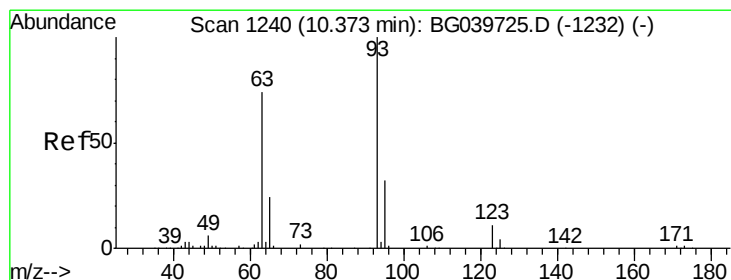
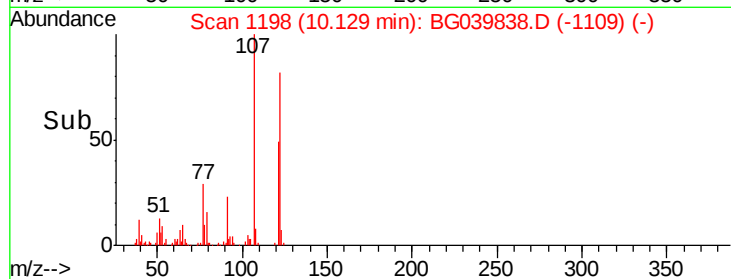
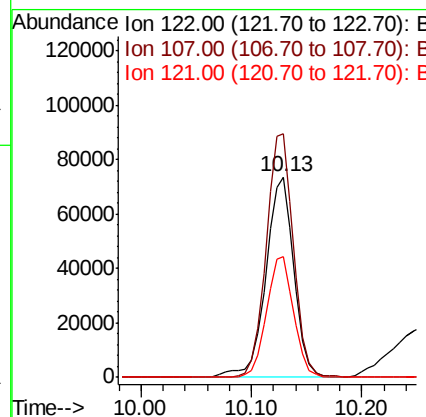
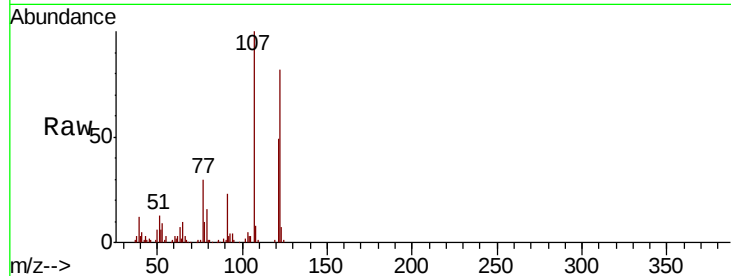
#27
2,4-Dimethylphenol
Concen: 48.474 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	121.6	91.7	137.5	
121	60.1	46.4	69.6	

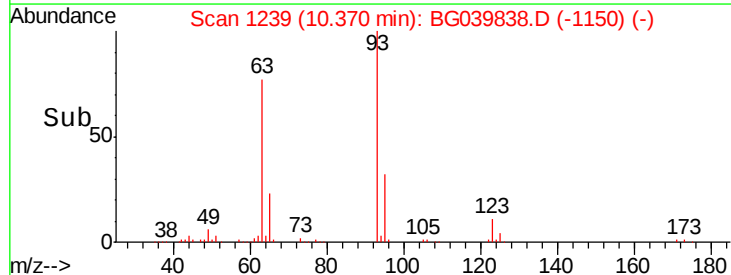
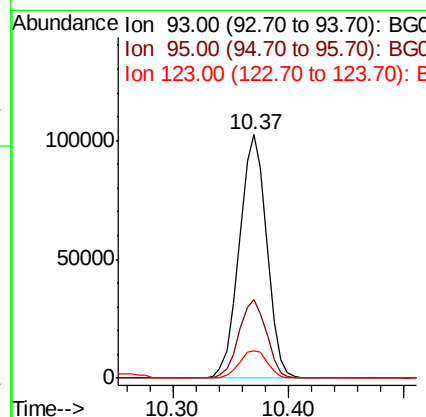
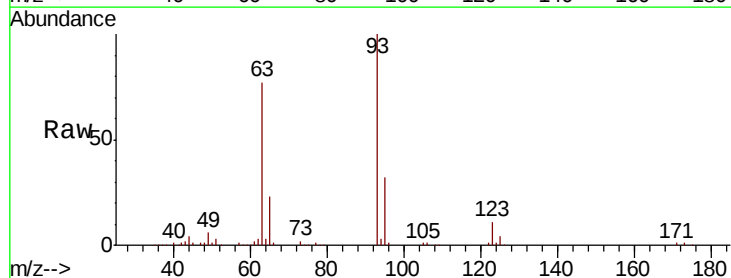
Manual Integrations
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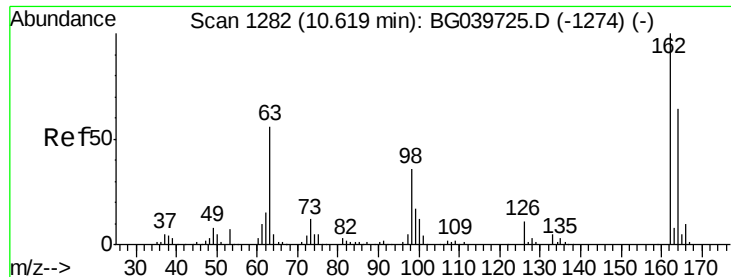
Sohil
3/12/2019 4:42:19 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.550 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.1	25.0	37.4	
123	11.0	8.6	12.8	





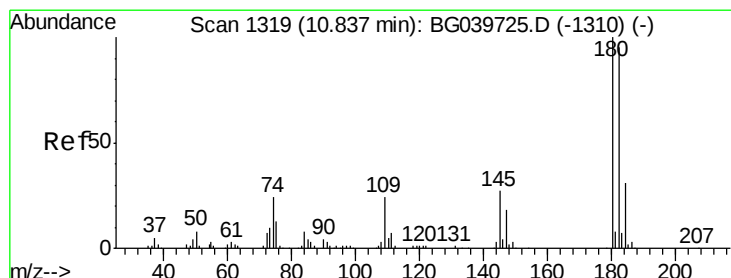
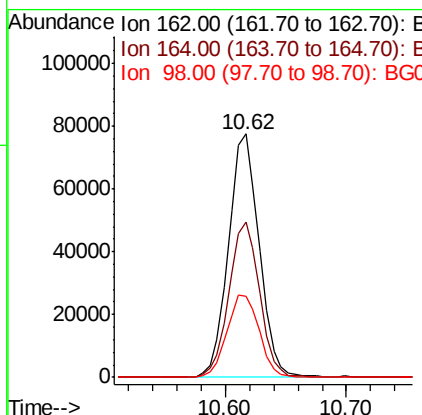
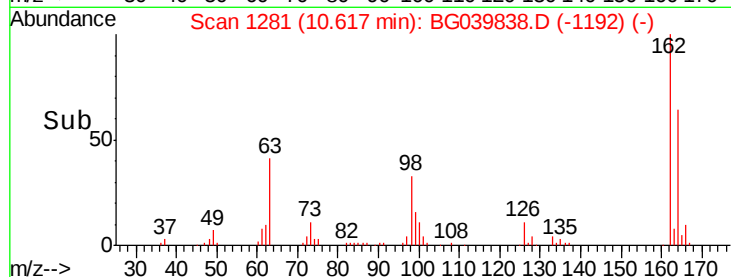
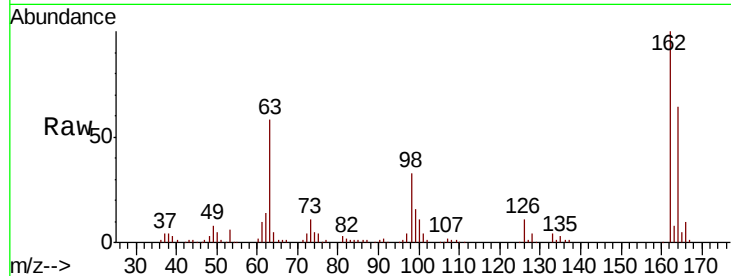
#29
 2,4-Dichlorophenol
 Concen: 45.154 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Instrument :
 BNA_G
 ClientSampled :
 PB117734BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	48.1	88.1
98	33.2	18.1	58.1

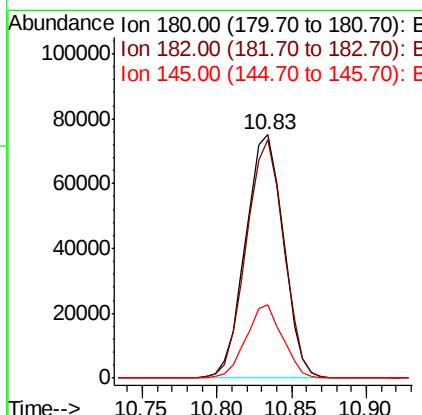
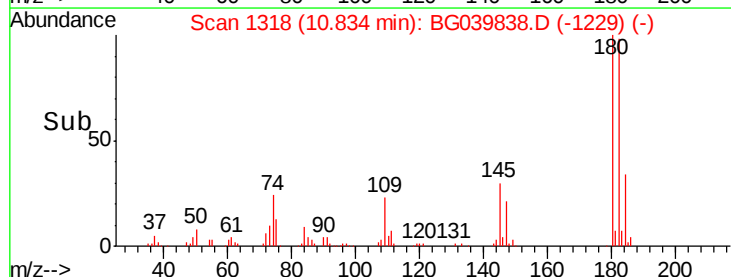
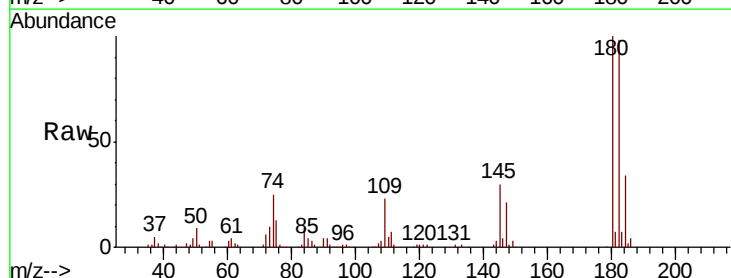
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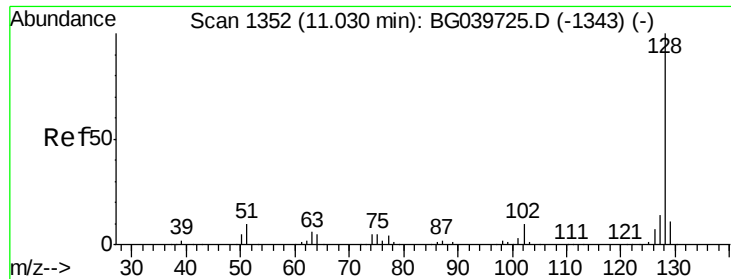
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.728 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.2	76.0	114.0
145	30.0	22.7	34.1





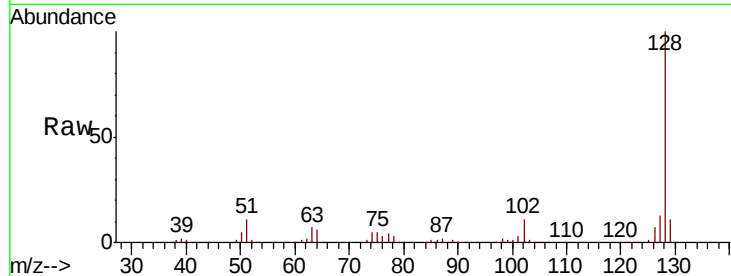
#31
Naphthalene
Concen: 39.495 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	387417		
129	10.7	8.7	13.1	
127	13.1	10.8	16.2	

Manual Integrations
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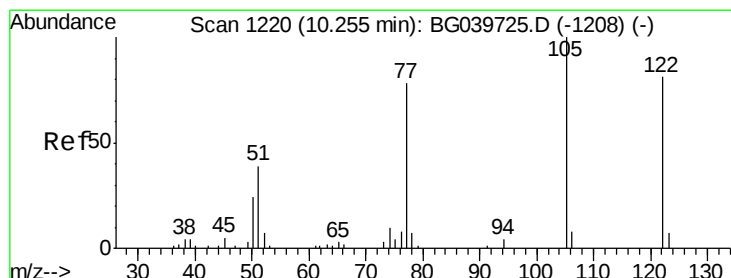
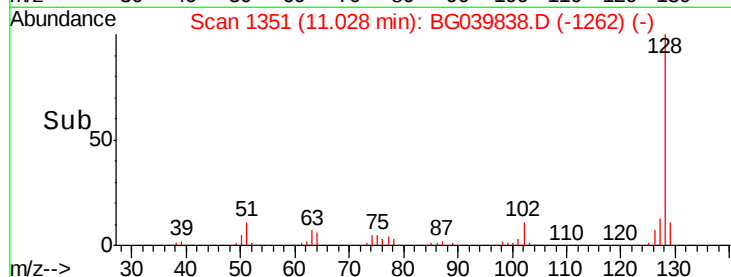
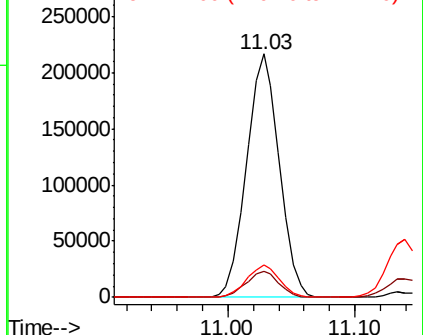


Abundance

Ion 128.00 (127.70 to 128.70): E

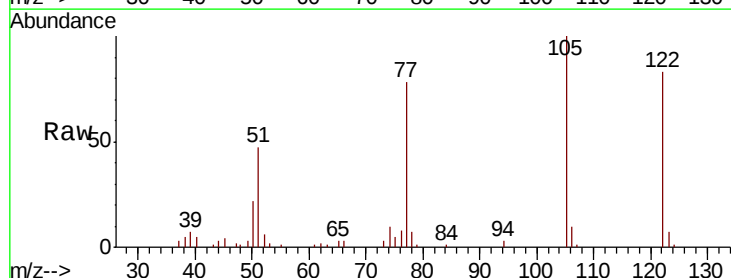
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 38.131 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	67736		
105	120.6	101.8	141.8	
77	94.5	76.3	116.3	

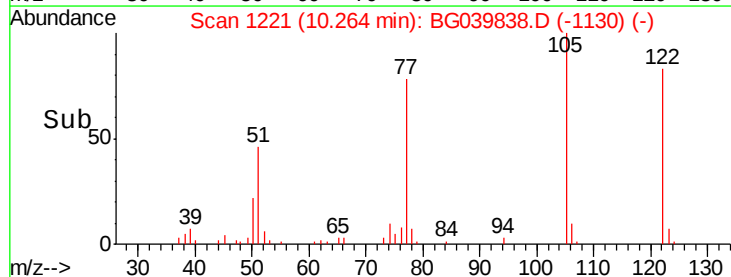
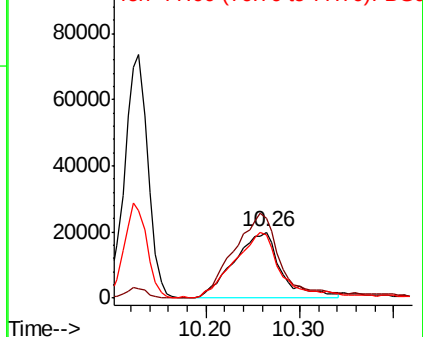


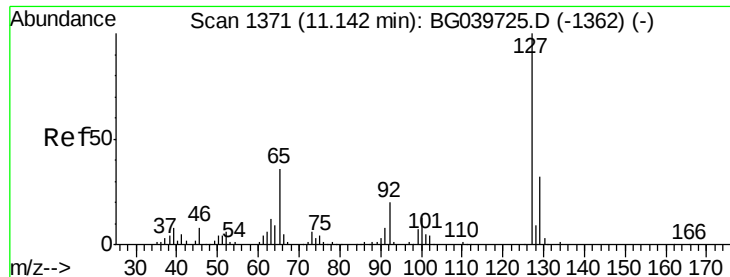
Abundance

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





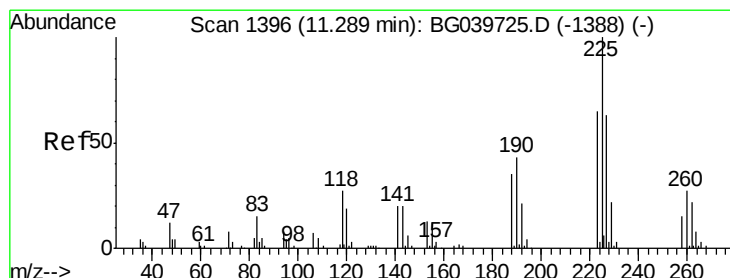
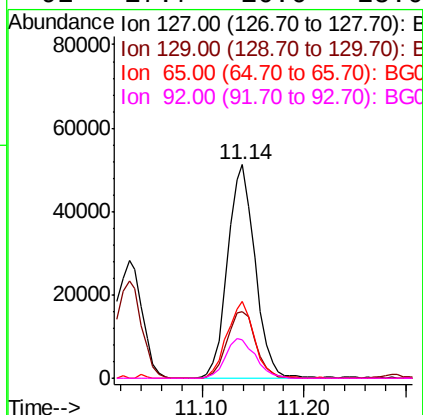
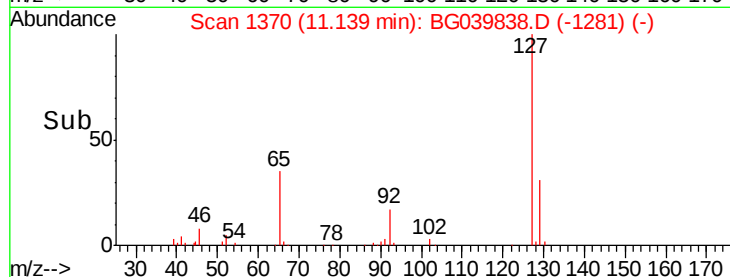
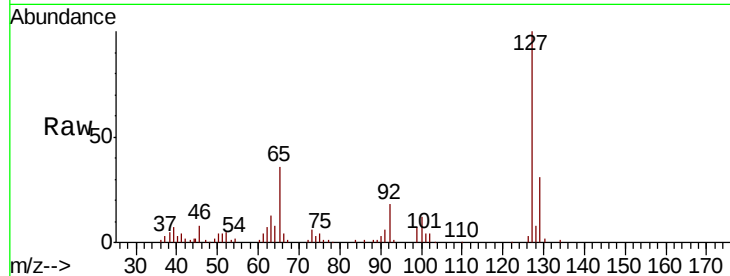
#33
4-Chloroaniline
Concen: 23.129 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	27.0	40.4		
65	36.0	28.8	43.2		
92	17.7	16.6	25.0		

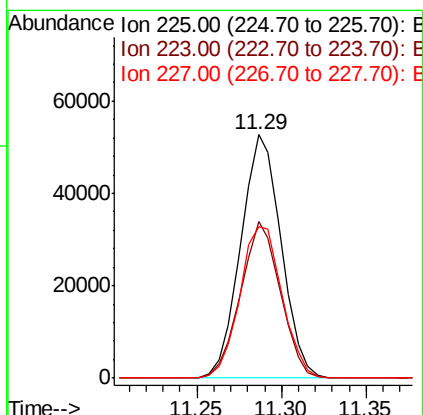
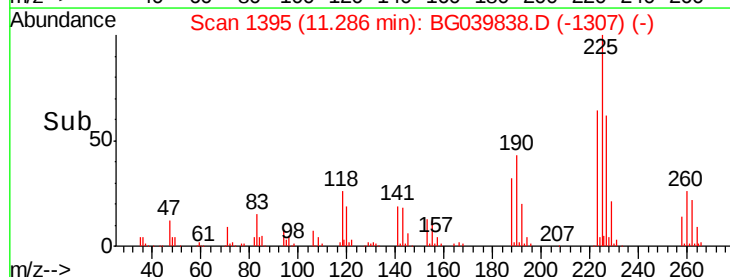
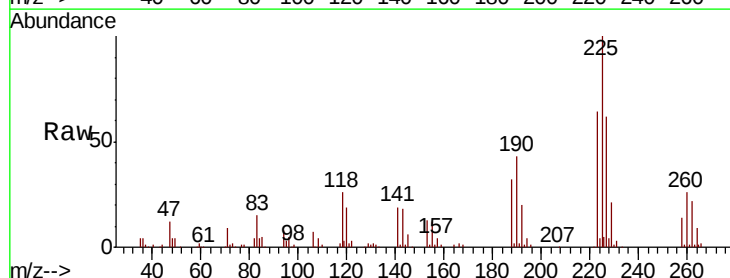
Manual Integrations
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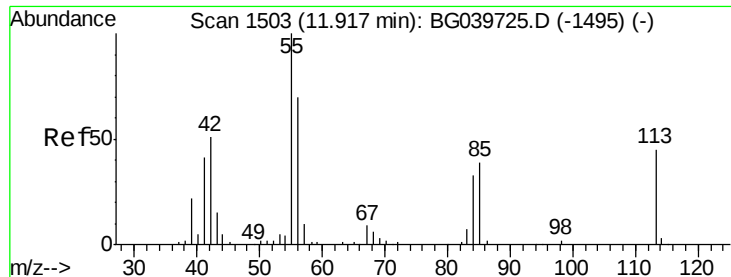
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#34
Hexachlorobutadiene
Concen: 37.531 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	49.0	73.6		
227	62.4	46.3	69.5		





#35

Caprolactam

Concen: 40.263 ng/ml

RT: 11.91 min Scan# 1502

Delta R.T. -0.03 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Instrument :

BNA_G

ClientSampleId :

PB117734BS

Tot Ion:113 Resp: 46730

Ion Ratio Lower Upper

113 100

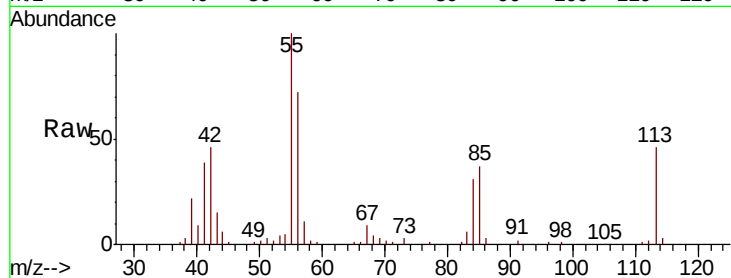
55 215.8 216.9 256.9#

56 155.8 152.6 192.6

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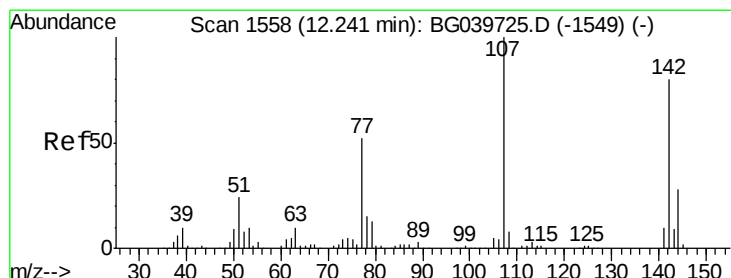
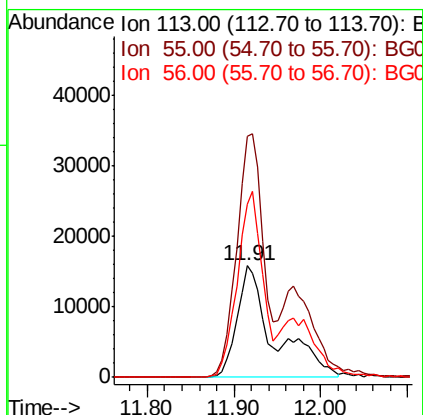
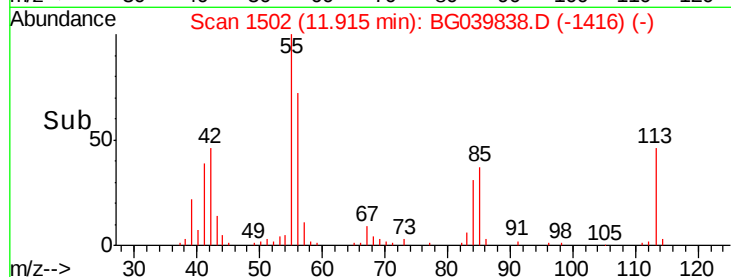
3/12/2019 4:42:19 PM



Abundance Ion 113.00 (112.70 to 113.70): E

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

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



#36

4-Chloro-3-methylphenol

Concen: 42.039 ng/ml

RT: 12.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

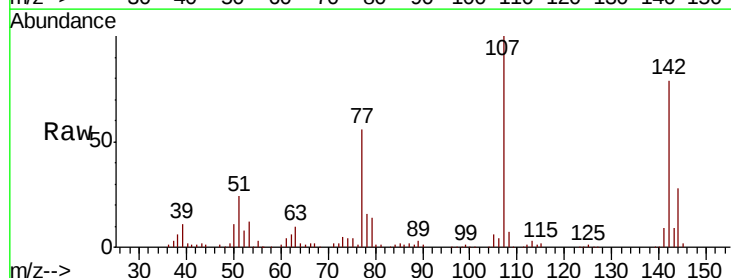
Tgt Ion:107 Resp: 146414

Ion Ratio Lower Upper

107 100

144 27.8 20.2 30.2

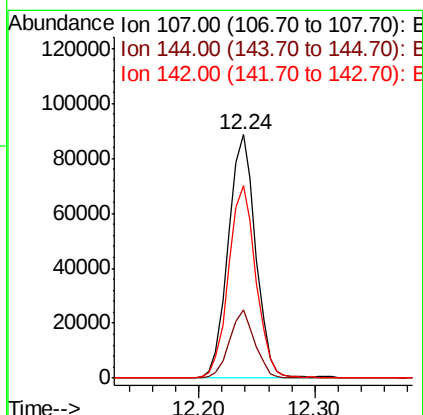
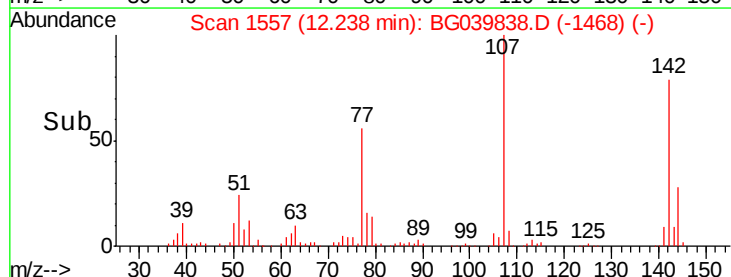
142 79.2 61.4 92.2

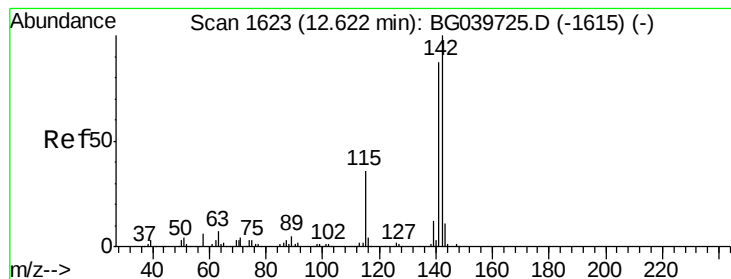


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





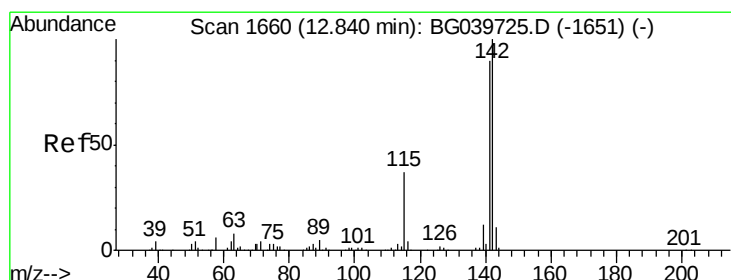
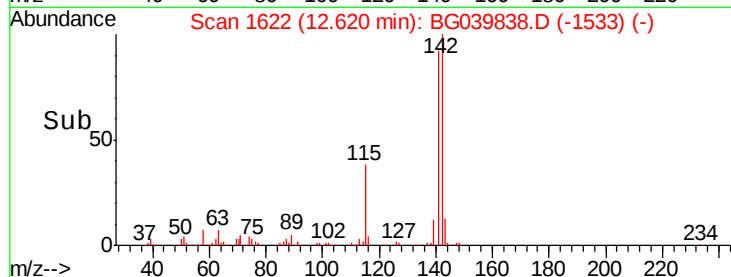
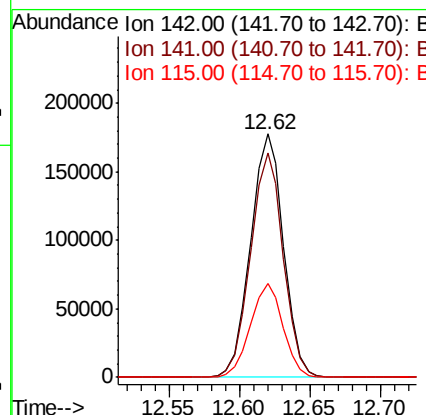
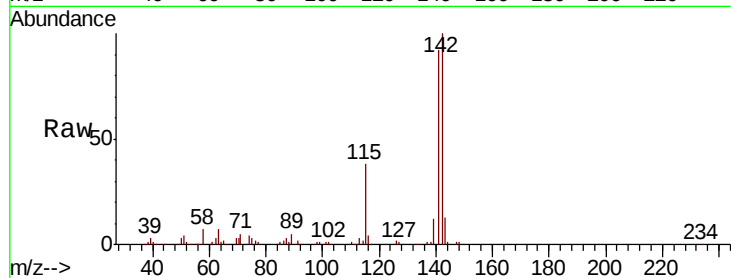
#37
2-Methylnaphthalene
Concen: 39.587 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.5	110.3
115	38.5	30.8	46.2

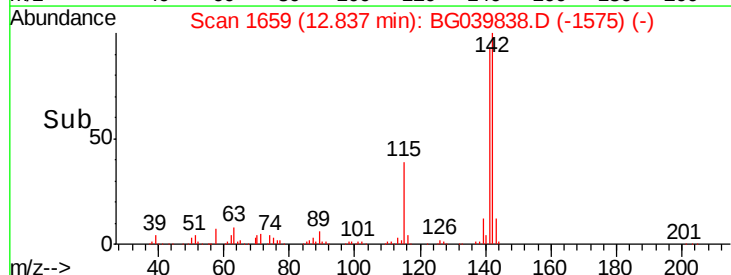
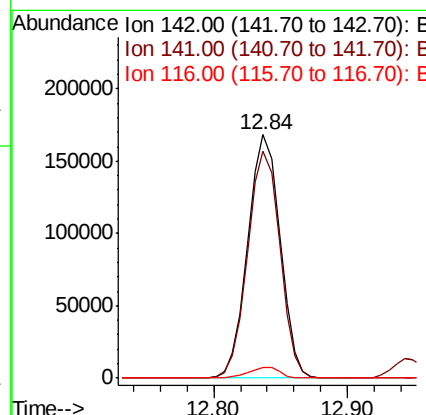
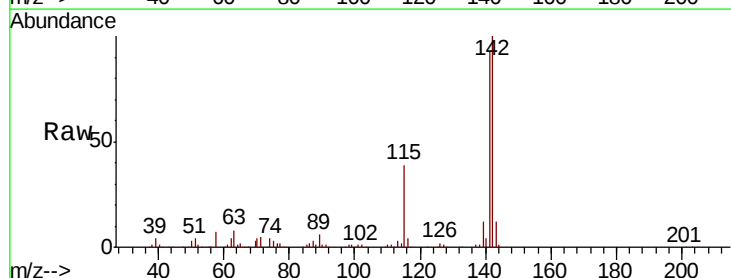
Manual Integrations
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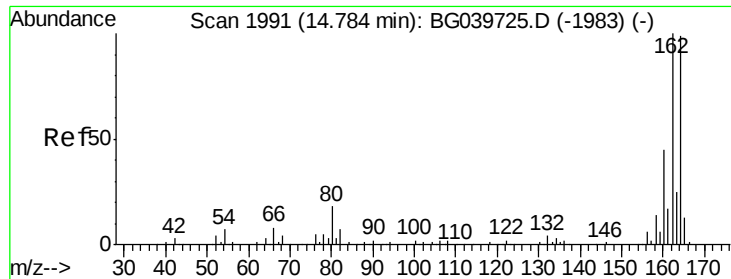
Sohil
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#38
1-Methylnaphthalene
Concen: 39.369 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.2	111.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Instrument :

BNA_G

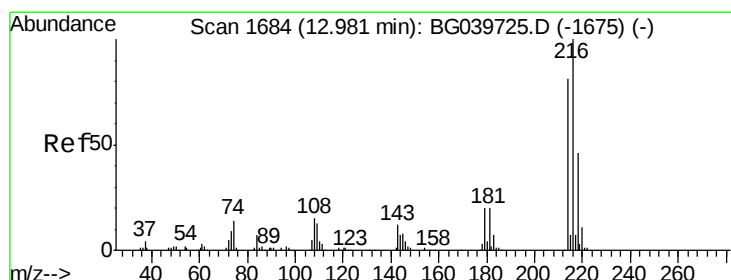
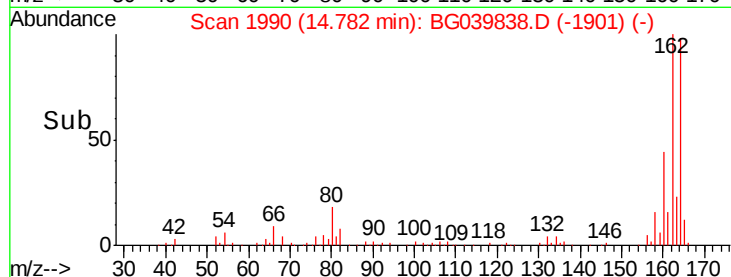
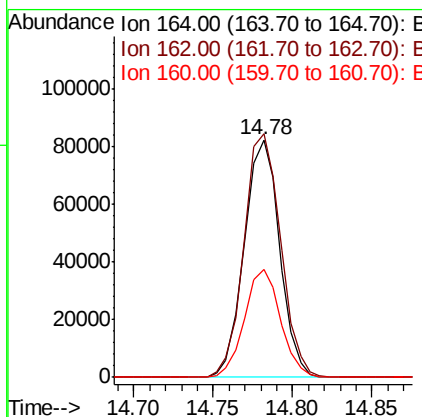
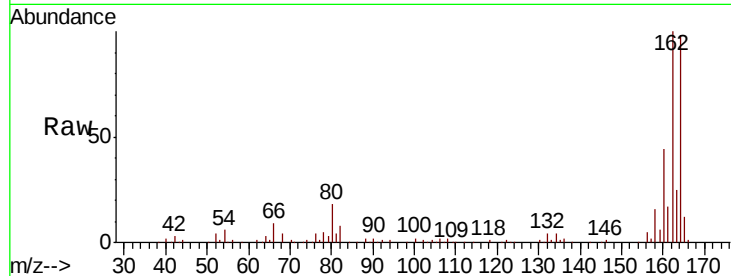
ClientSampleId :

PB117734BS

Tot Ion:	164	Resp:	127402
Ion Ratio	Lower	Upper	
164	100		
162	102.5	81.6	122.4
160	45.6	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.611 ng

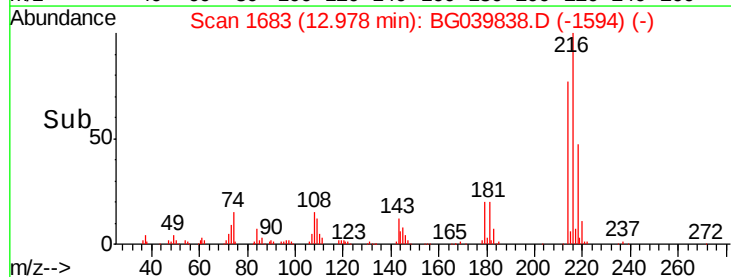
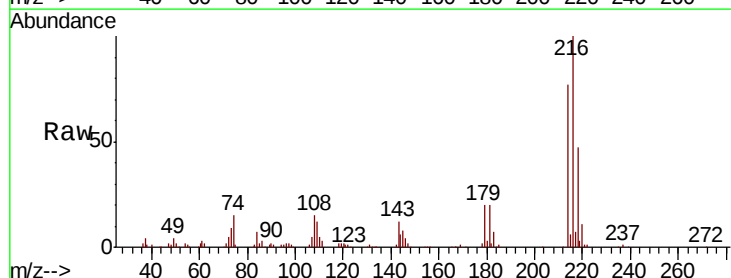
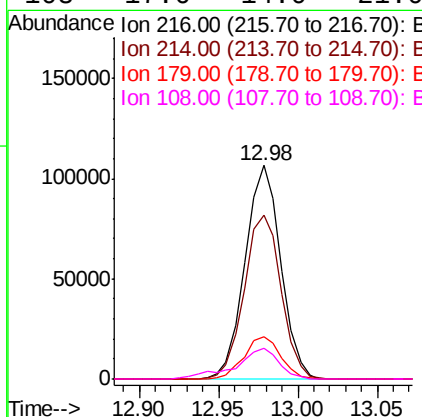
RT: 12.98 min Scan# 1683

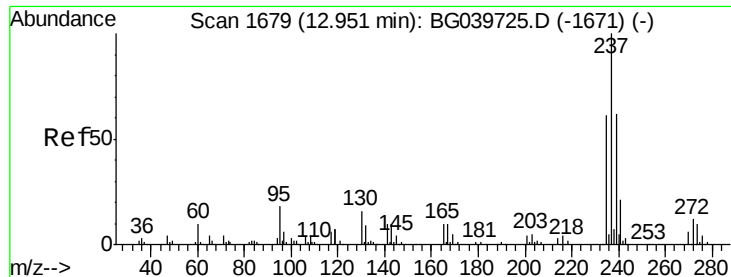
Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Tgt Ion:	216	Resp:	166647
Ion Ratio	Lower	Upper	
216	100		
214	79.1	62.6	94.0
179	20.4	16.6	25.0
108	17.6	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 83.737 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Instrument :

BNA_G

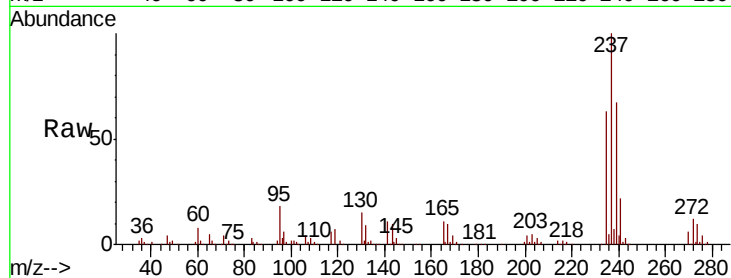
ClientSampleId :

PB117734BS

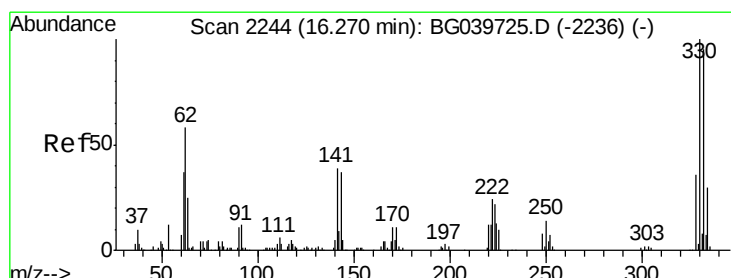
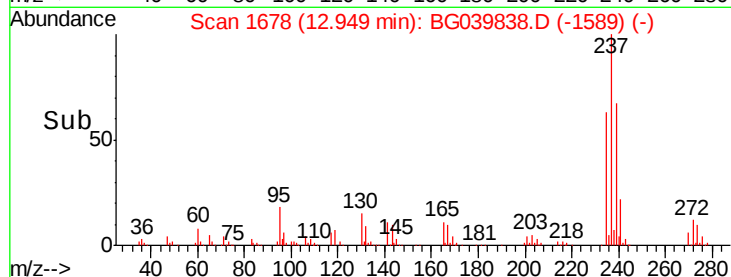
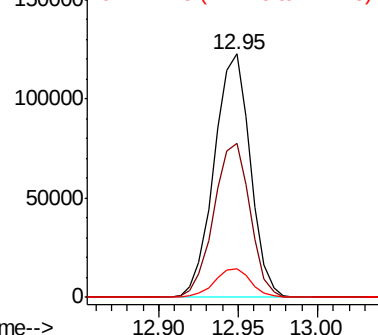
Tot Ion:	237	Resp:	193683
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.3	83.3
272	12.0	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 136.051 ng

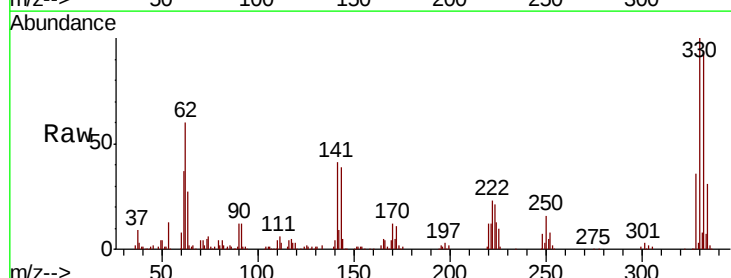
RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

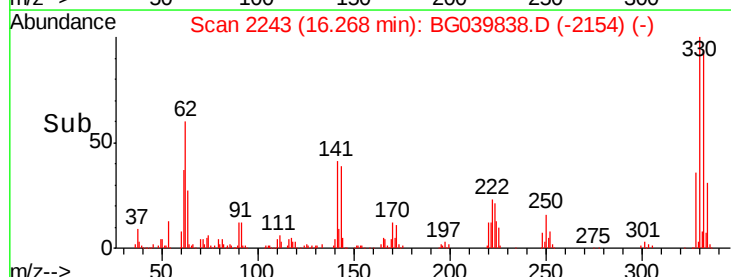
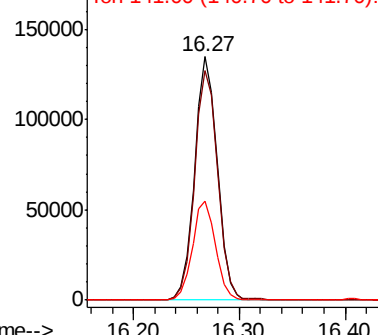
Lab File: BG039838.D

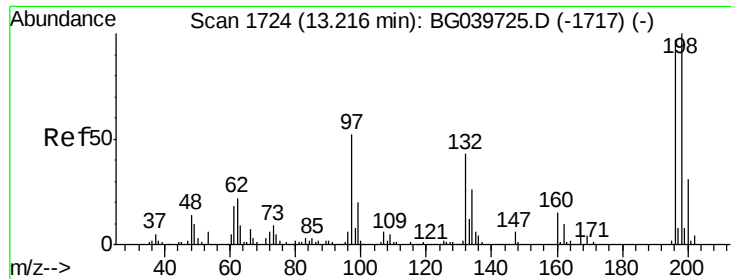
Acq: 11 Mar 2019 12:37

Tgt Ion:	330	Resp:	202031
Ion Ratio	Lower	Upper	
330	100		
332	95.8	75.7	113.5
141	41.2	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





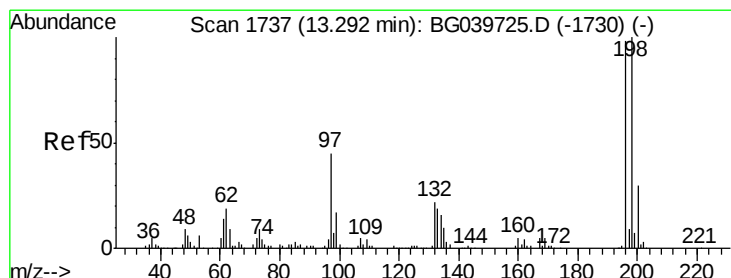
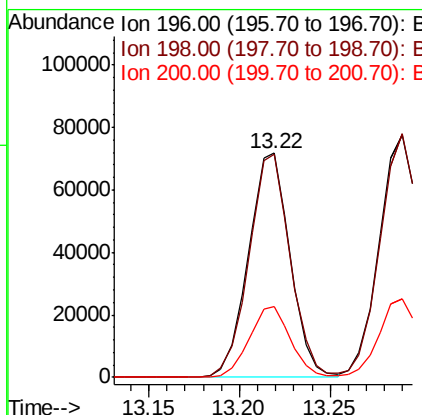
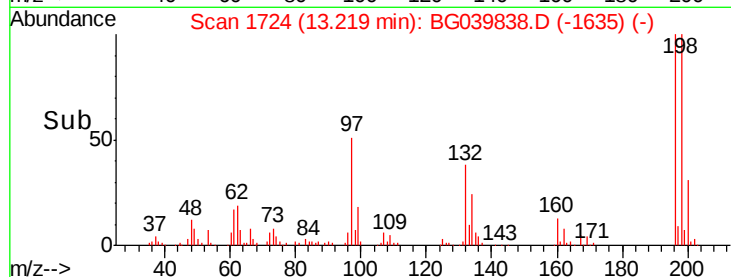
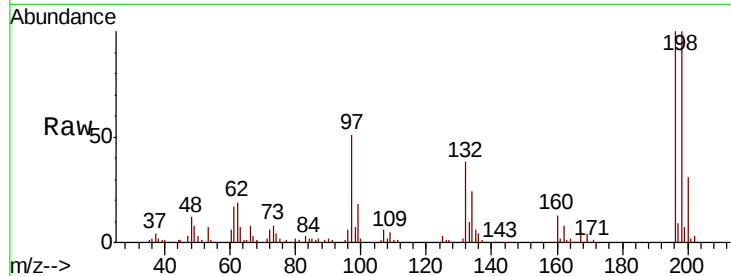
#43
 2,4,6-Trichlorophenol
 Concen: 45.442 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Instrument :
 BNA_G
 ClientSampled :
 PB117734BS

Tot Ion:	196	Resp:	114825
Ion Ratio	Lower	Upper	
196	100		
198	99.7	80.6	121.0
200	31.4	26.1	39.1

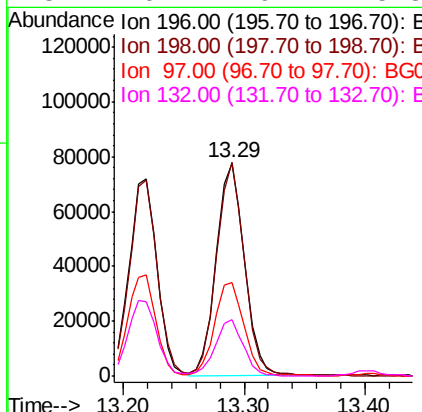
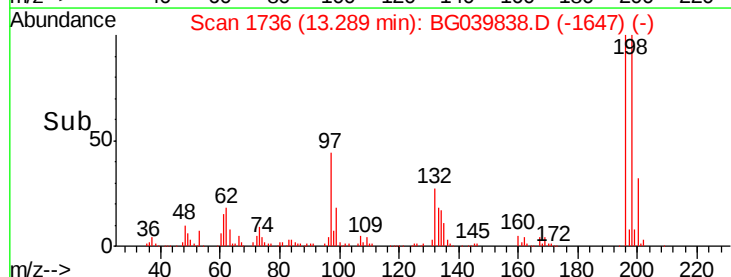
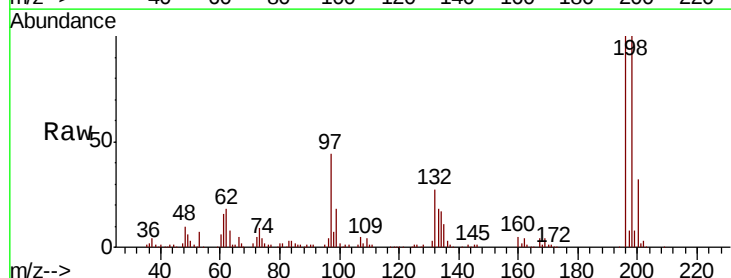
Manual Integrations
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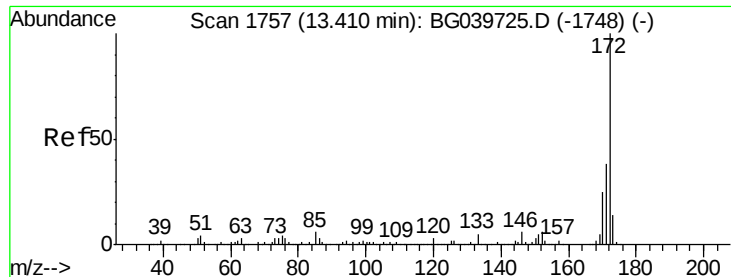
Sohil
 3/12/2019 4:42:19 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.834 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Tgt Ion:	196	Resp:	124848
Ion Ratio	Lower	Upper	
196	100		
198	100.3	78.5	117.7
97	43.6	38.4	57.6
132	26.7	19.2	28.8





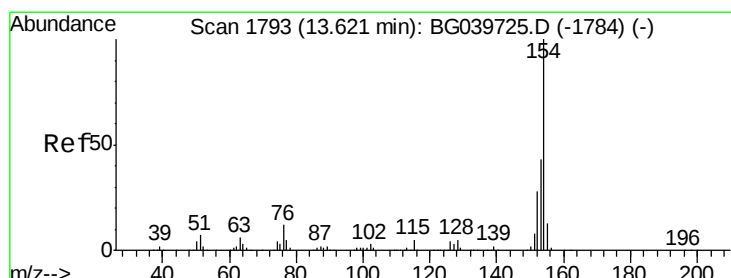
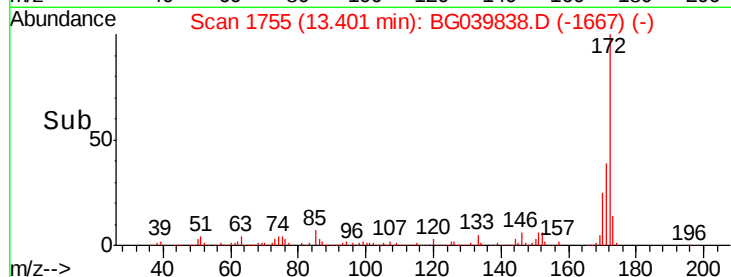
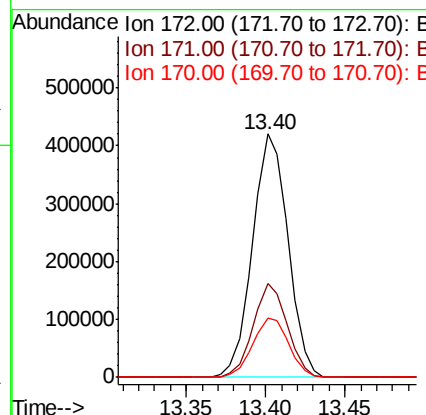
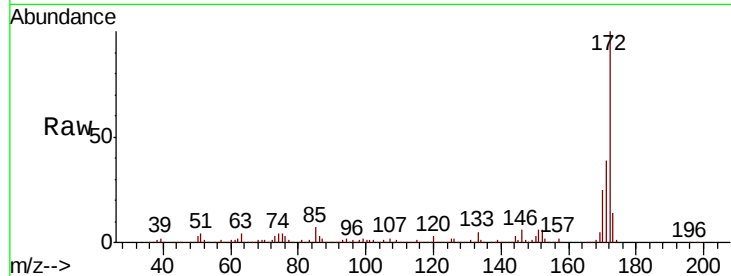
#45
2-Fluorobiphenyl
Concen: 73.036 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampled :
PB117734BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.8	46.2
170	24.6	20.2	30.4

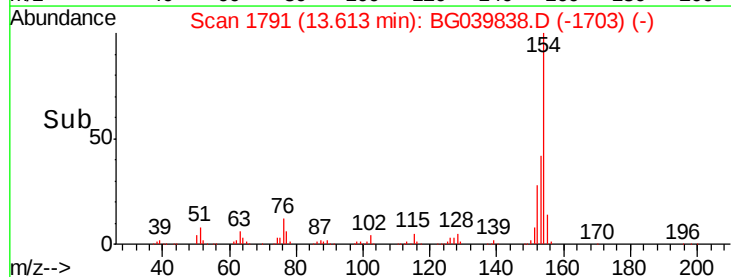
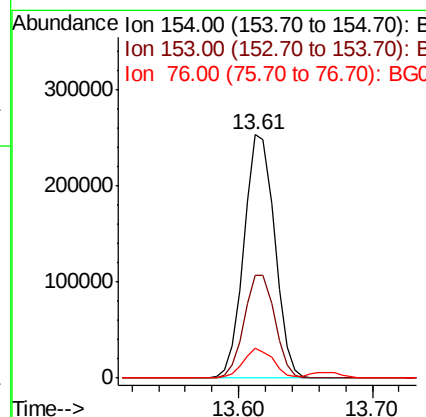
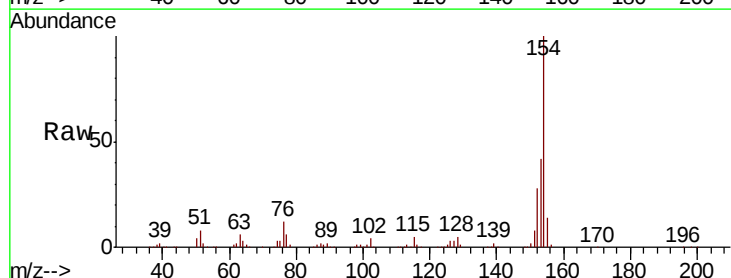
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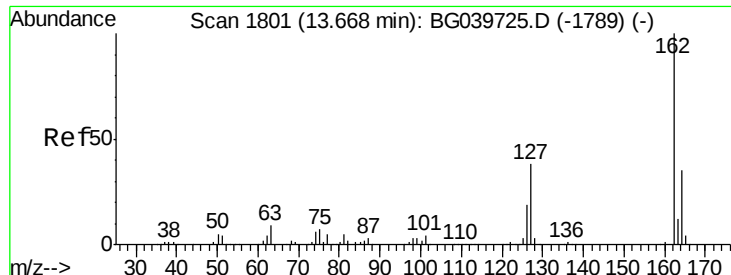
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#46
1,1'-Biphenyl
Concen: 38.253 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.1	62.1
76	12.0	0.0	32.4





#47

2-Chloronaphthalene

Concen: 39.350 ng

RT: 13.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Instrument :

BNA_G

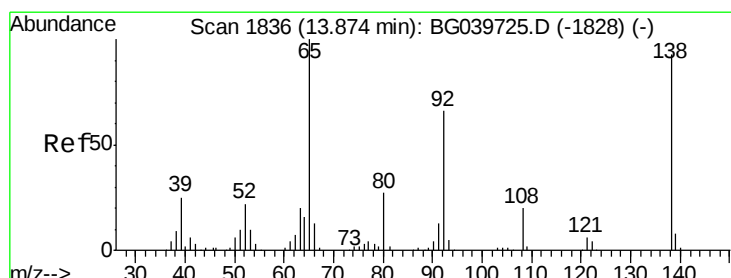
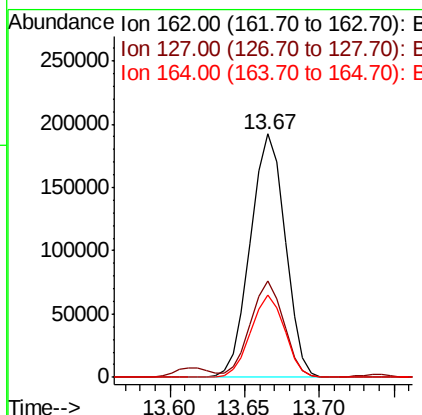
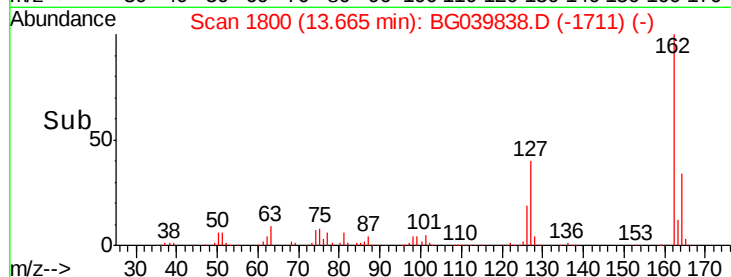
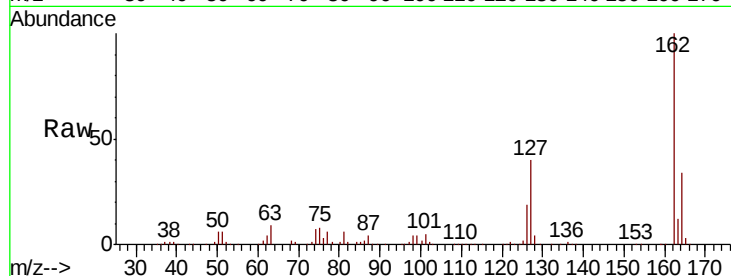
ClientSampled :

PB117734BS

Tot Ion:	162	Resp:	310196
Ion Ratio	Lower	Upper	
162	100		
127	39.5	31.0	46.6
164	33.7	25.7	38.5

Manual Integrations
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#48

2-Nitroaniline

Concen: 42.874 ng

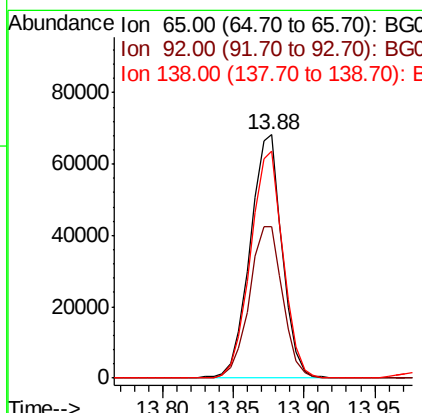
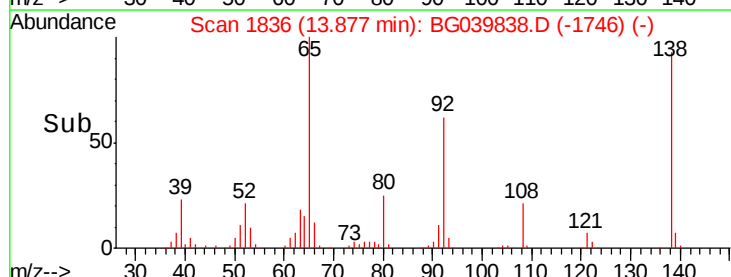
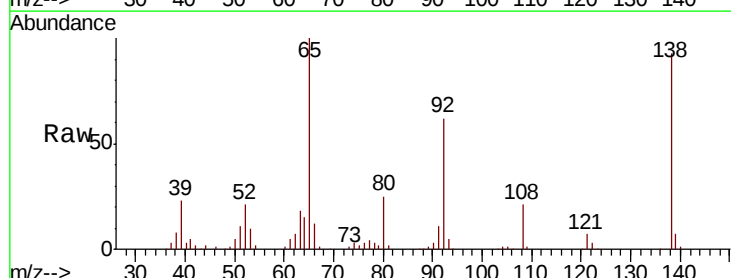
RT: 13.88 min Scan# 1836

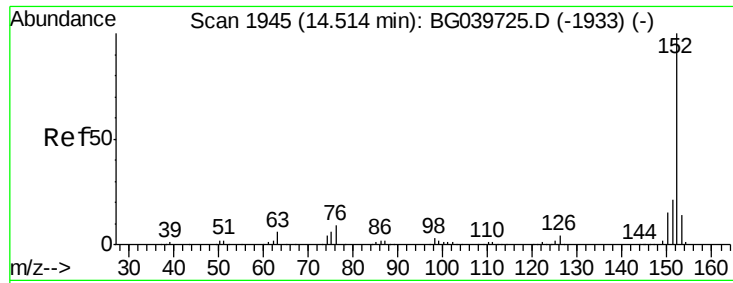
Delta R.T. -0.00 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Tgt Ion:	65	Resp:	108615
Ion Ratio	Lower	Upper	
65	100		
92	62.1	51.4	77.2
138	93.3	71.4	107.2





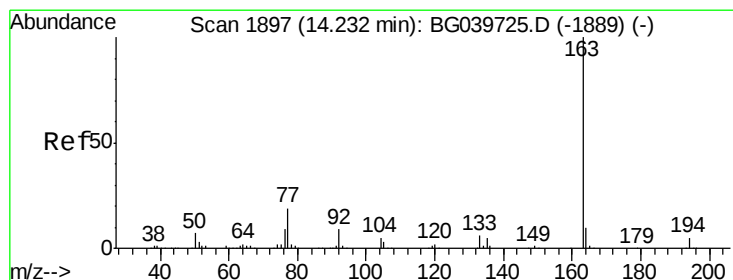
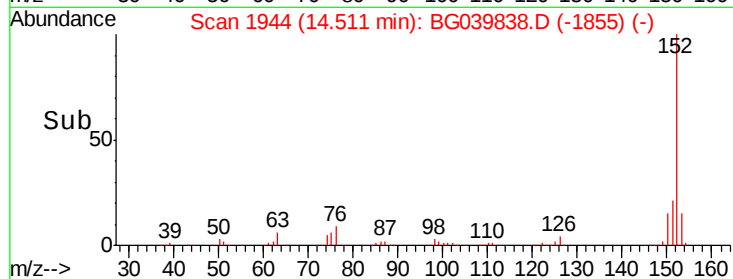
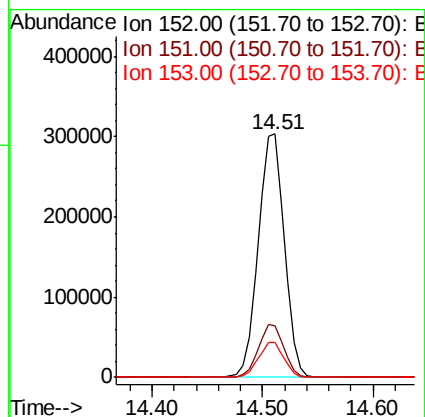
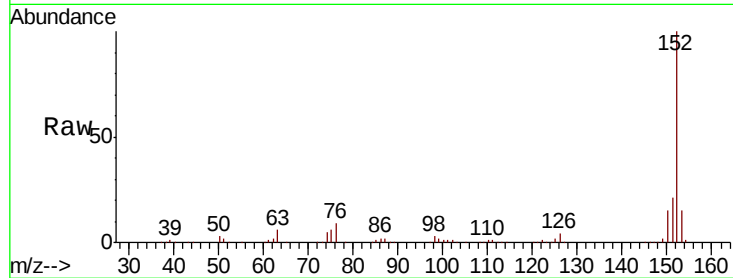
#49
Acenaphthylene
Concen: 38.900 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	14.6	11.7	17.5

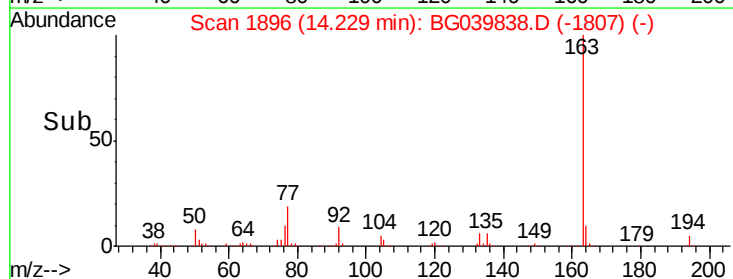
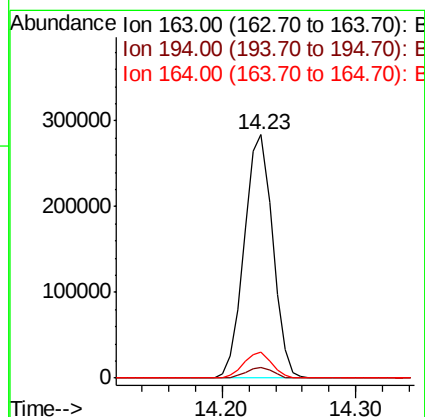
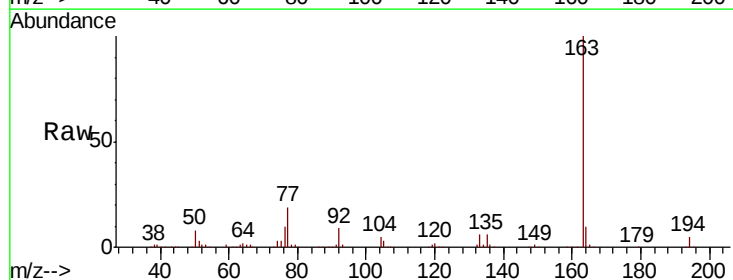
Manual Integrations
APPROVED

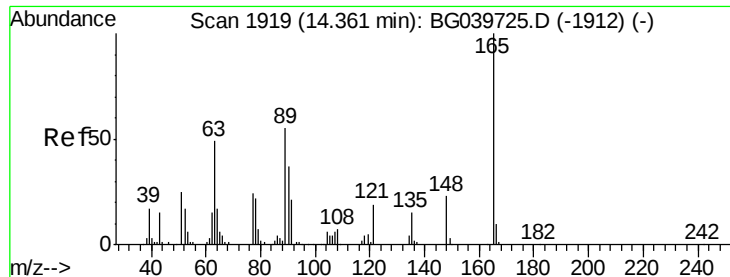
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#50
Dimethylphthalate
Concen: 39.091 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.5	8.4	12.6





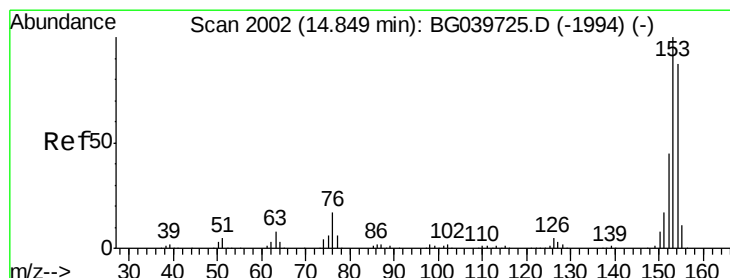
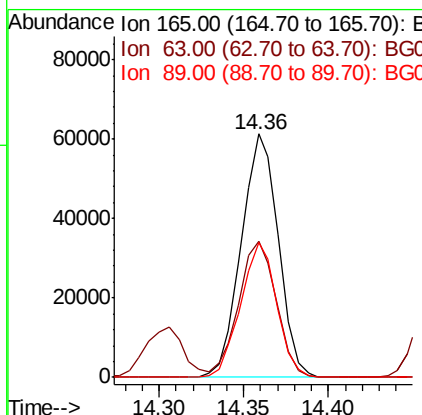
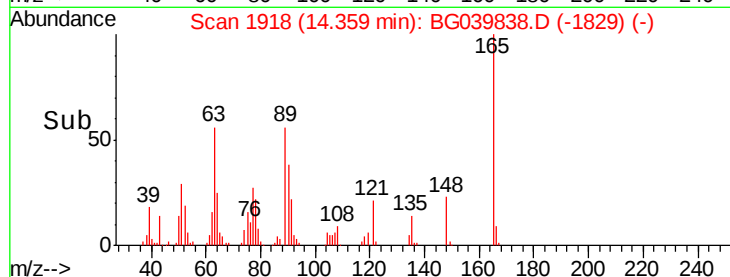
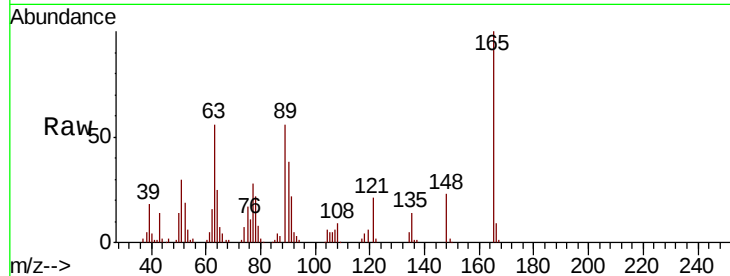
#51
2,6-Dinitrotoluene
Concen: 41.323 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.1	47.0	70.6
89	55.5	45.8	68.8

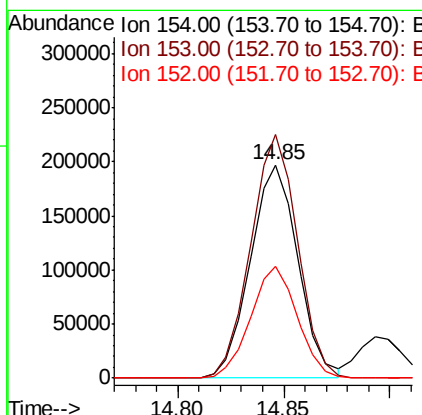
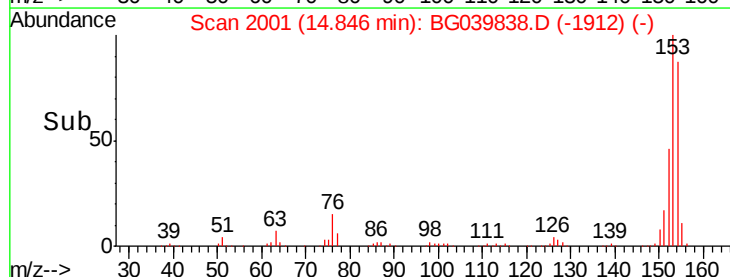
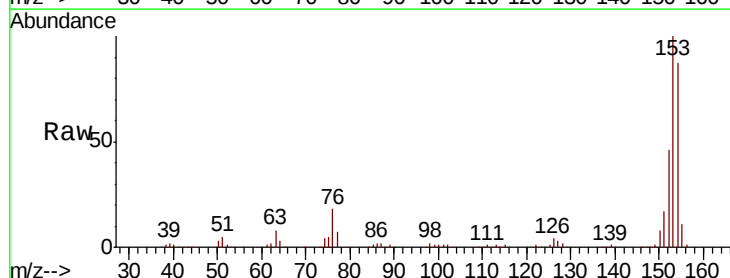
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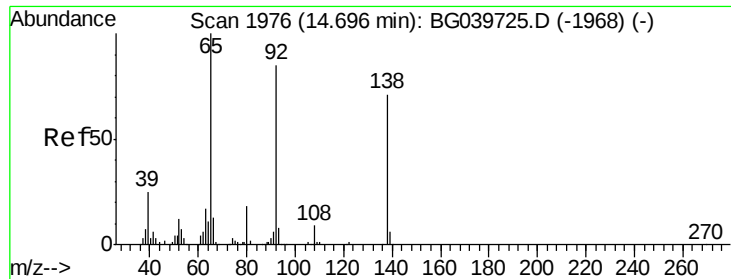
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#52
Acenaphthene
Concen: 39.581 ng
RT: 14.85 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.1	135.1
152	52.5	40.9	61.3





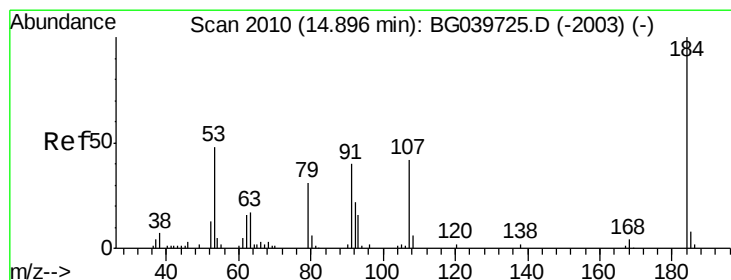
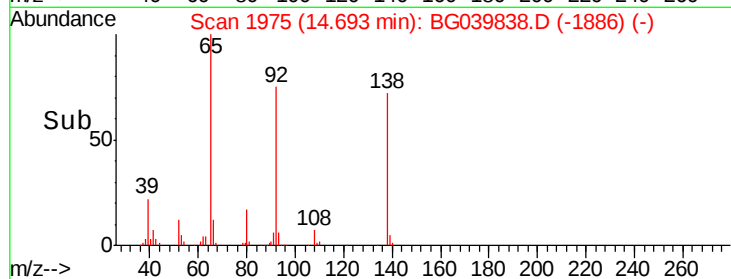
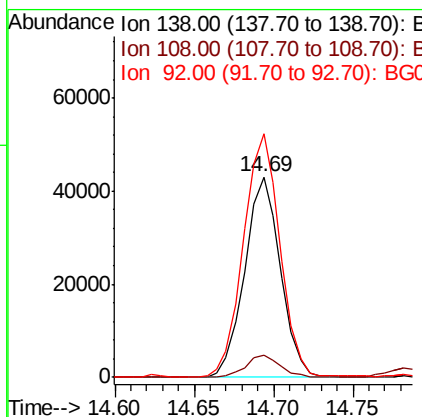
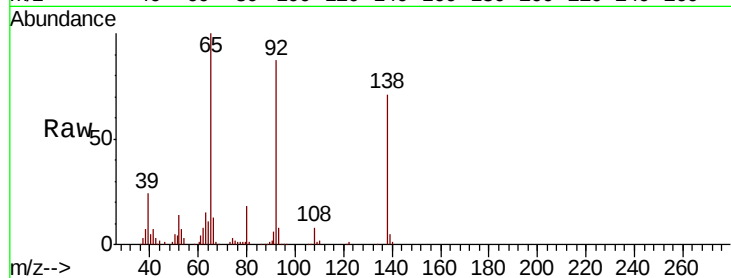
#53
3-Nitroaniline
Concen: 29.614 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion:138 Resp: 67230
Ion Ratio Lower Upper
138 100
108 10.8 13.8 20.8#
92 121.5 103.7 155.5

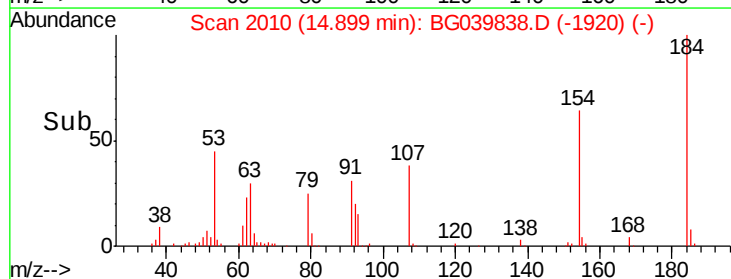
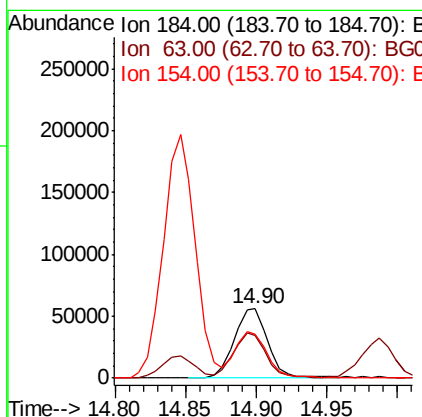
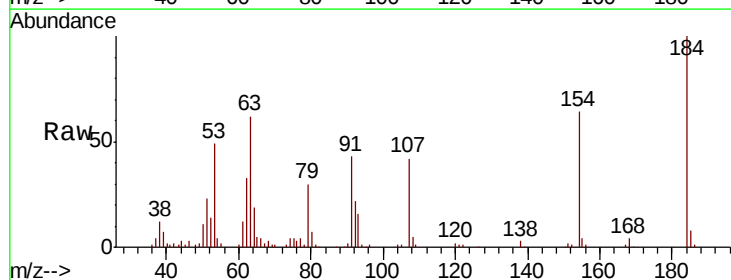
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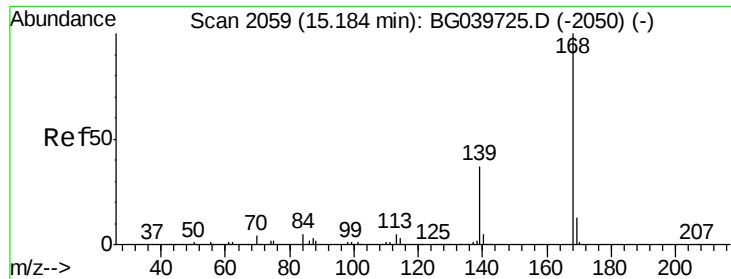
Sohil
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#54
2,4-Dinitrophenol
Concen: 66.474 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion:184 Resp: 93320
Ion Ratio Lower Upper
184 100
63 61.7 50.9 76.3
154 63.6 53.0 79.6





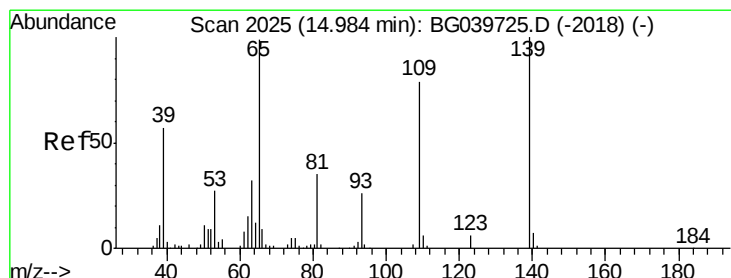
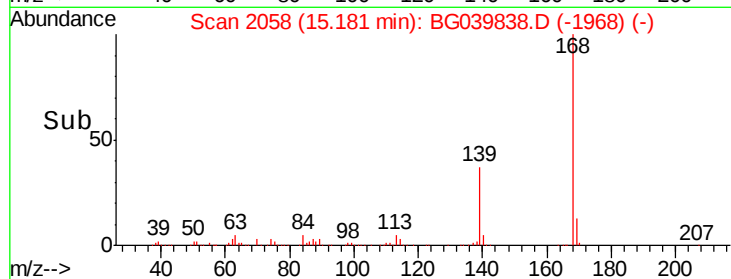
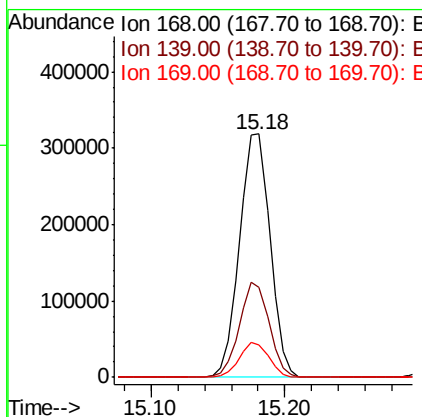
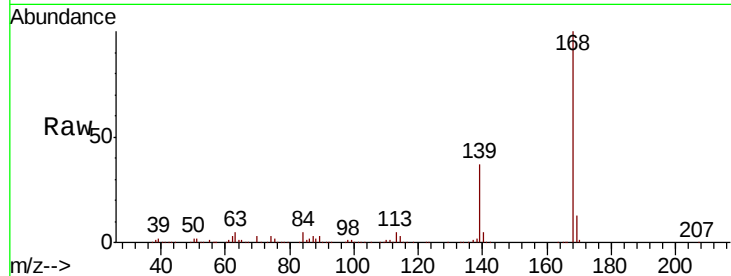
#55
Dibenzofuran
Concen: 39.337 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1
169	13.2	10.6	16.0

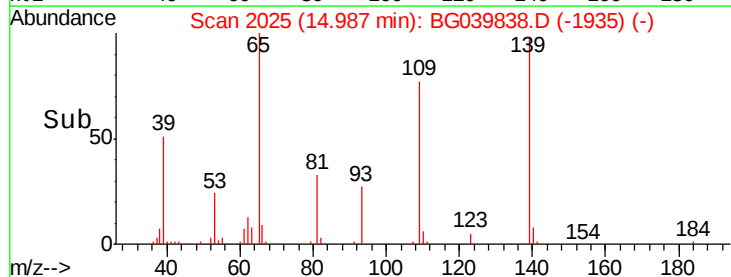
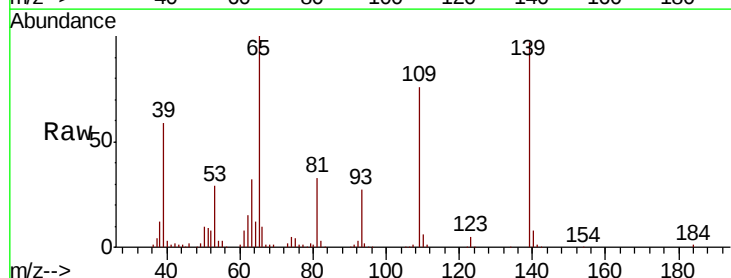
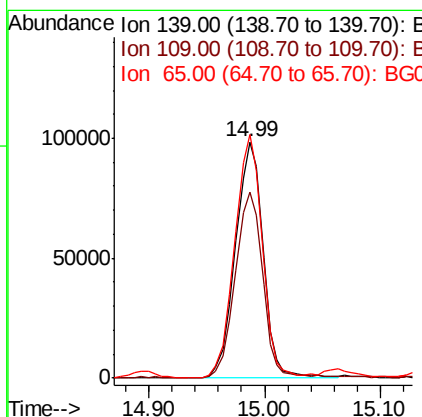
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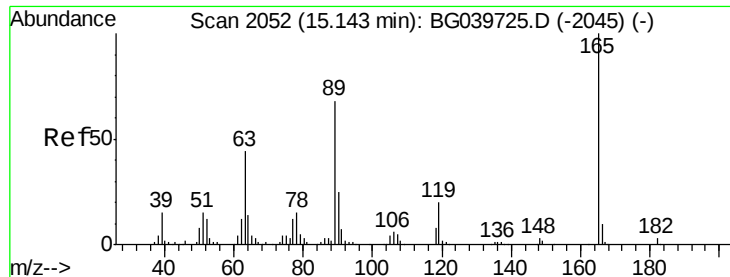
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#56
4-Nitrophenol
Concen: 80.797 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.8	61.9	101.9
65	103.1	99.1	139.1





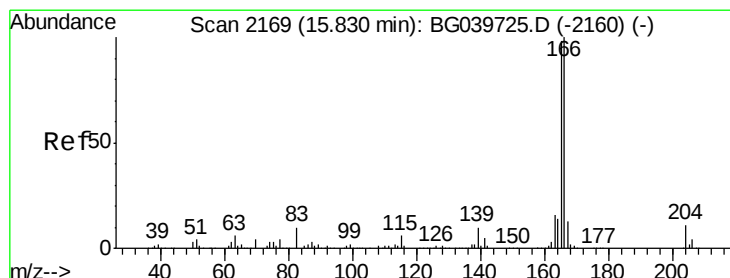
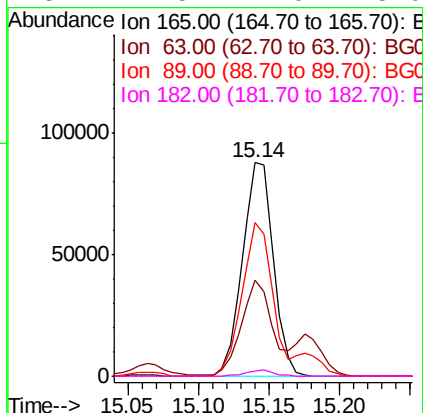
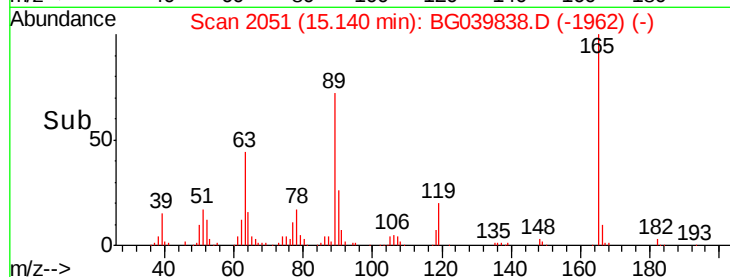
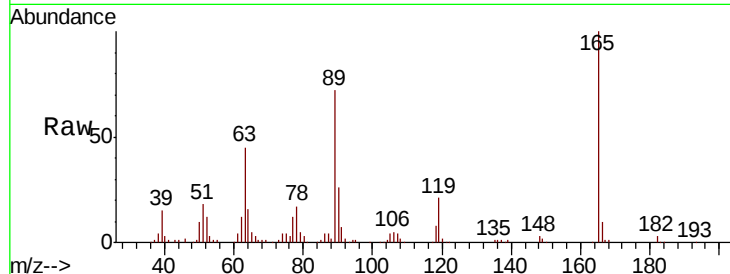
#57
2,4-Dinitrotoluene
Concen: 42.502 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampled :
PB117734BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.8	41.0	61.6	
89	72.0	64.6	96.8	
182	2.5	2.0	3.0	

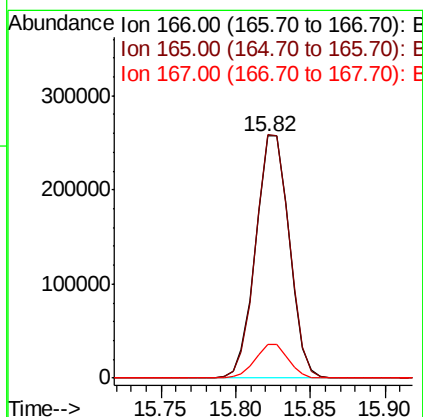
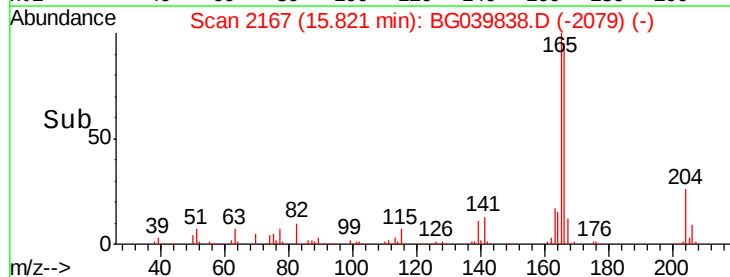
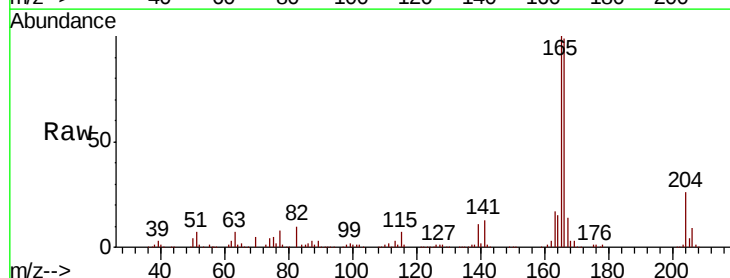
Manual Integrations
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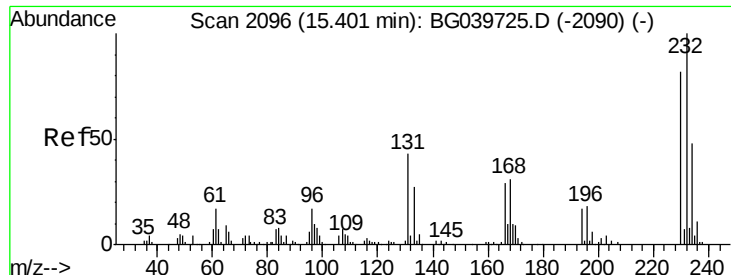
Sohil
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#58
Fluorene
Concen: 39.785 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.6	77.9	116.9	
167	13.7	10.8	16.2	





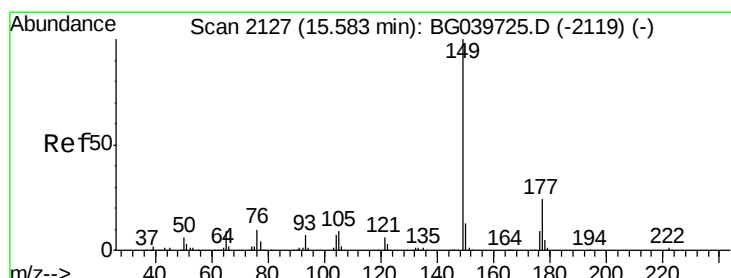
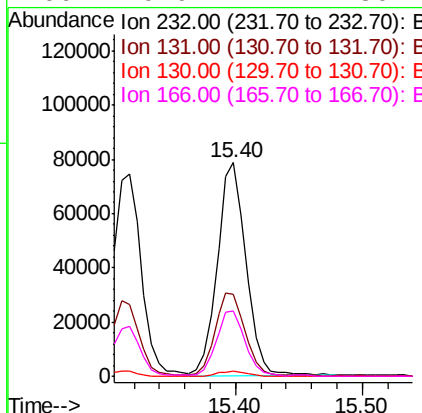
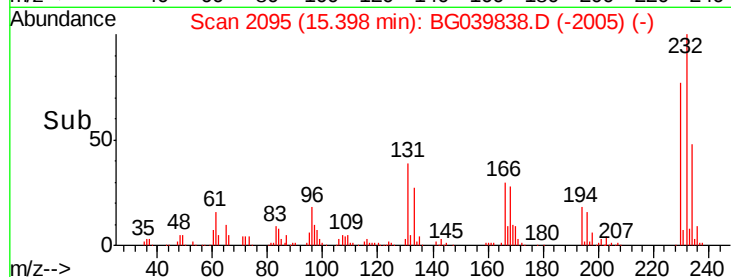
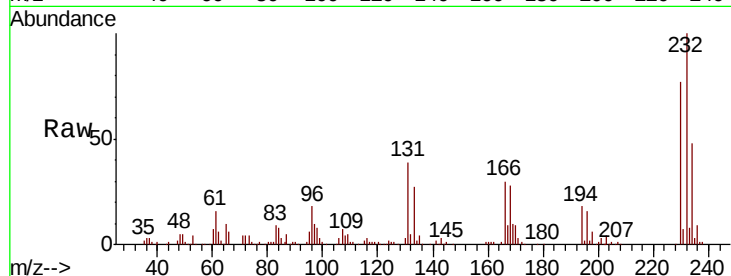
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.476 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117734BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.9	34.9	52.3
130	2.4	2.0	3.0
166	29.9	24.1	36.1

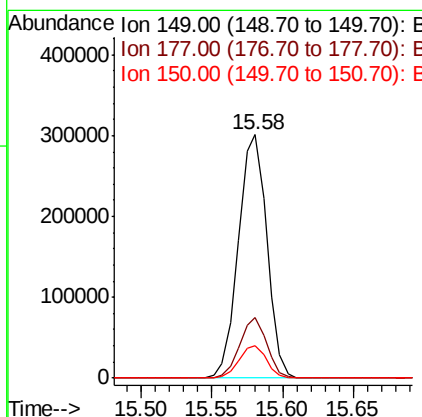
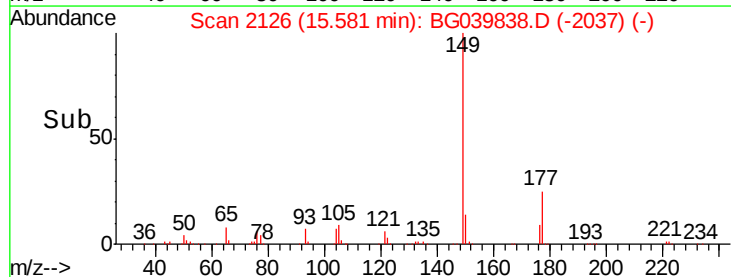
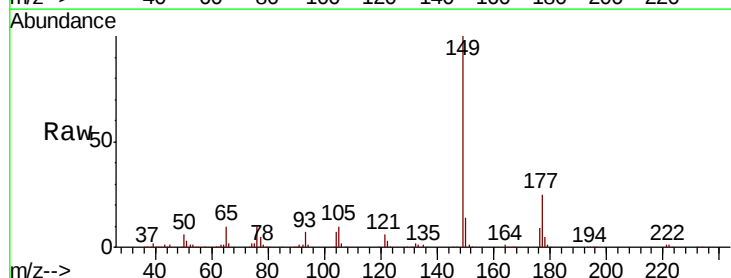
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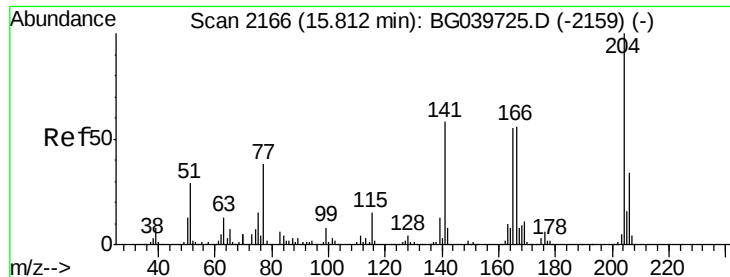
Sohil
 3/12/2019 4:42:19 PM



#60
 Diethylphthalate
 Concen: 40.171 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.3	27.5
150	13.6	10.2	15.2





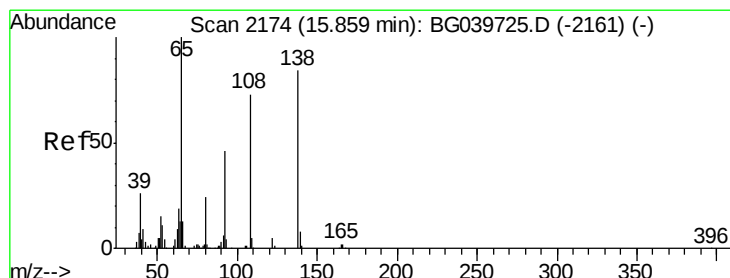
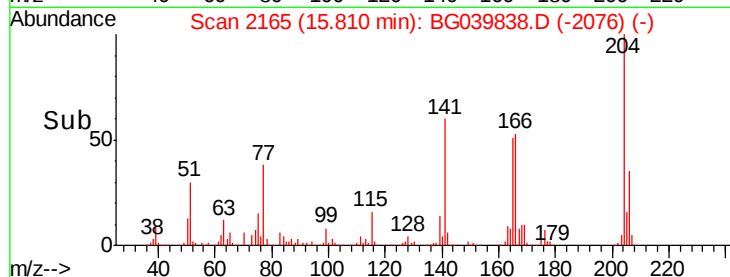
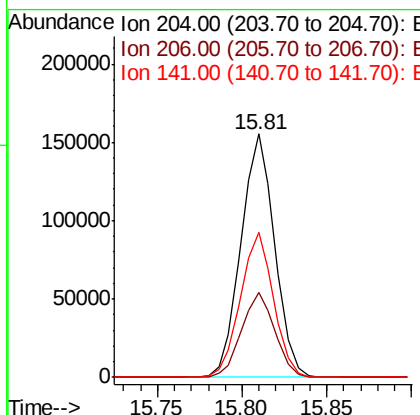
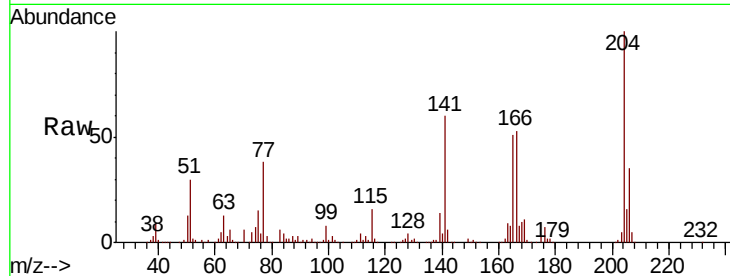
#61
4-Chlorophenyl-phenylether
Concen: 40.059 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampled :
PB117734BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	29.2	43.8
141	59.6	49.0	73.4

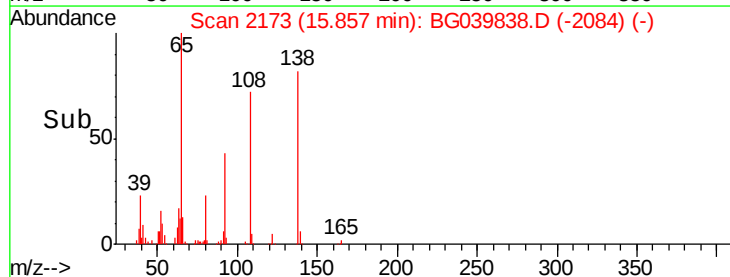
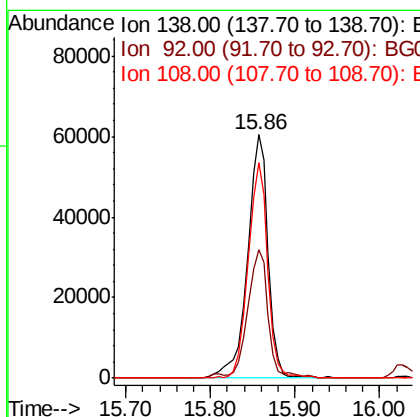
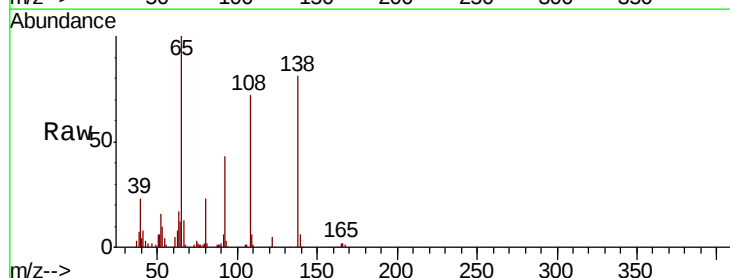
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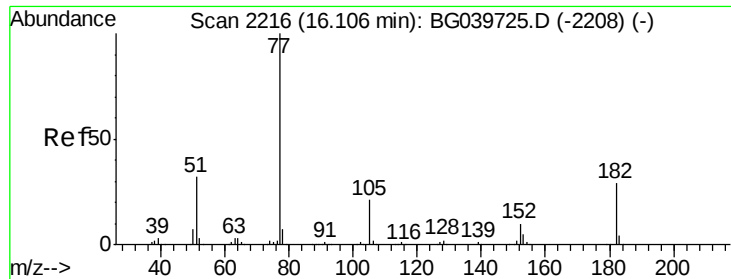
Sohil
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#62
4-Nitroaniline
Concen: 41.691 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.7	38.7	78.7
108	88.6	74.6	114.6





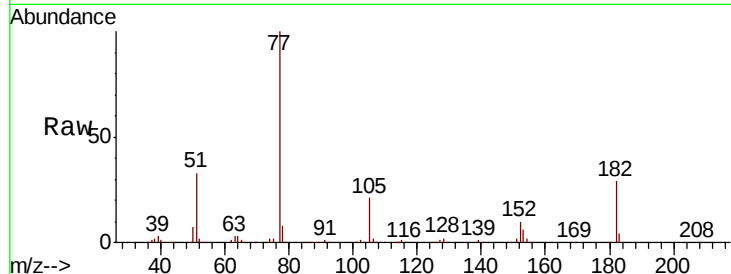
#63
Azobenzene
Concen: 40.129 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

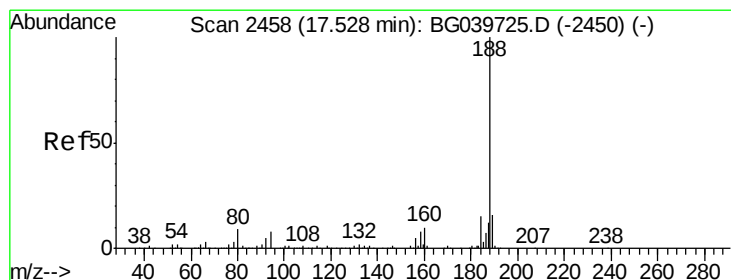
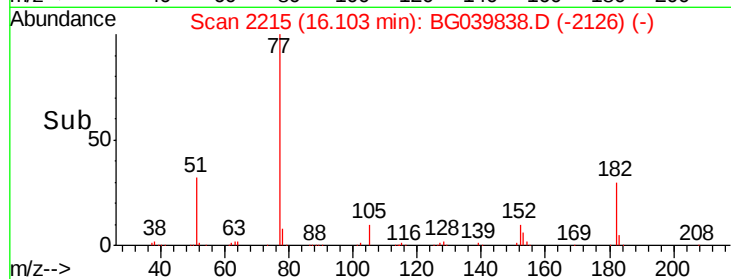
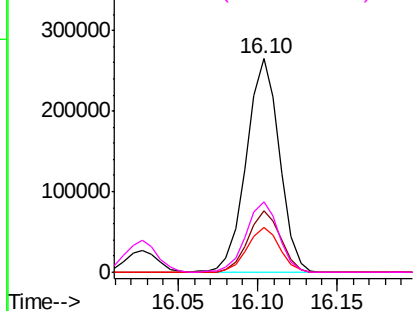
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.6	6.4	46.4		
105	20.8	0.0	39.8		
51	33.1	14.1	54.1		

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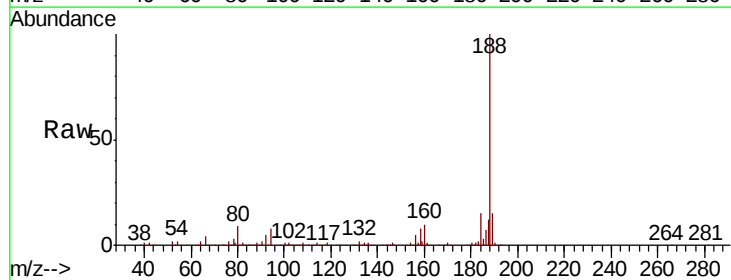


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

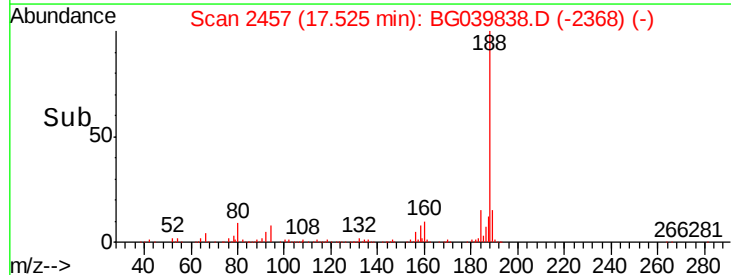
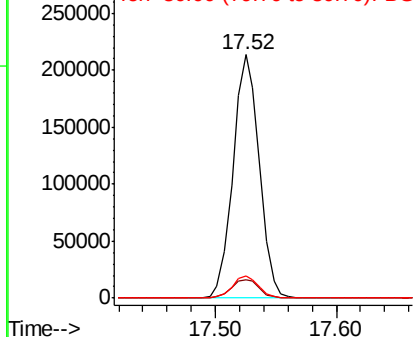


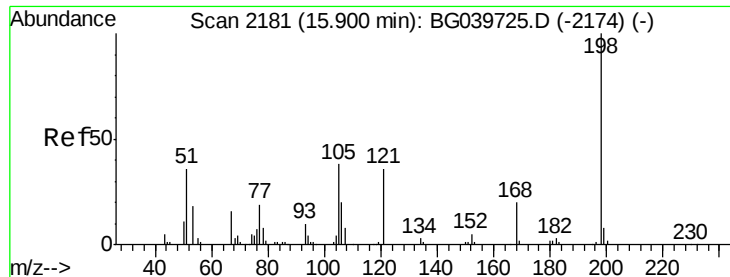
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.7	6.9	10.3		
80	9.1	8.1	12.1		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 38.636 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Instrument :

BNA_G

ClientSampleId :

PB117734BS

Tot Ion:198 Resp: 73333

Ion Ratio Lower Upper

198 100

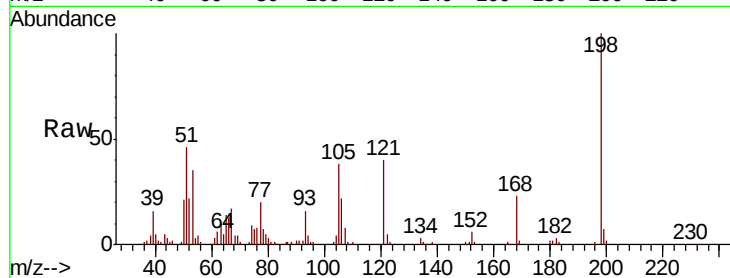
51 46.3 27.4 67.4

105 38.2 19.7 59.7

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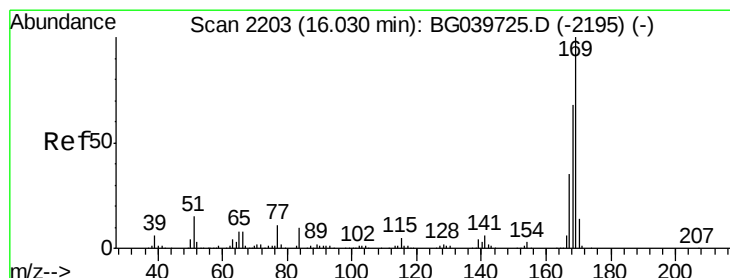
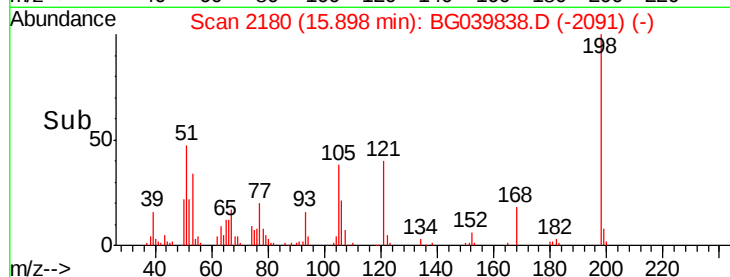
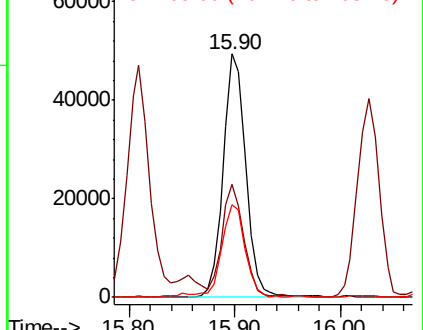
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.974 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

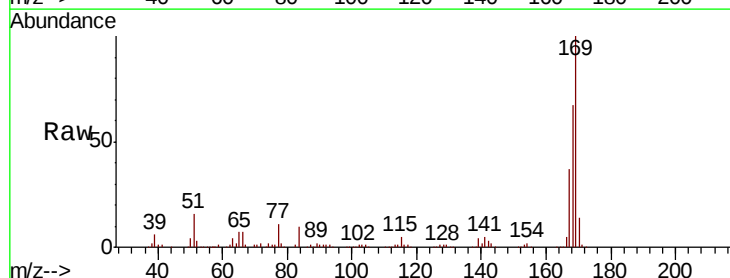
Tgt Ion:169 Resp: 371500

Ion Ratio Lower Upper

169 100

168 66.5 56.6 85.0

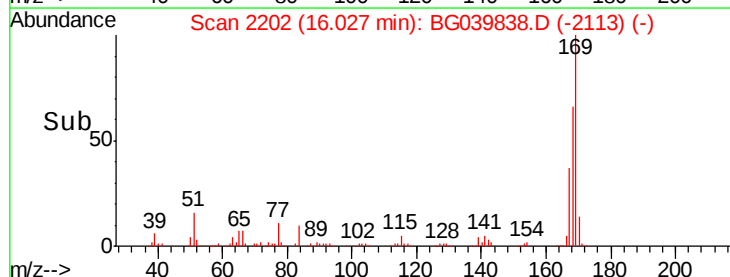
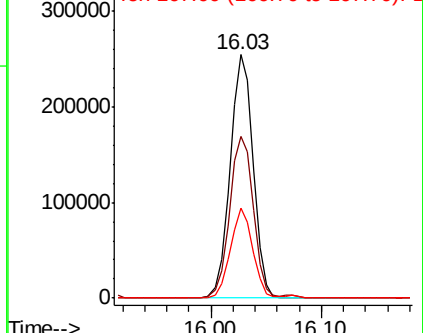
167 36.7 28.8 43.2

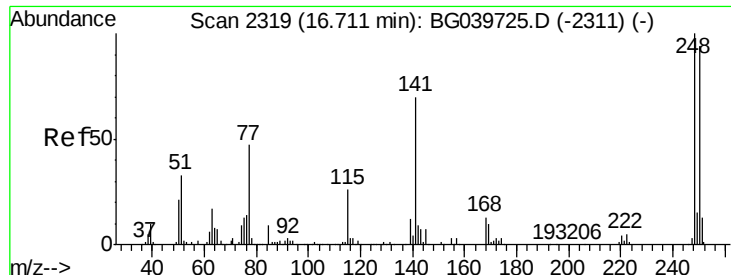


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





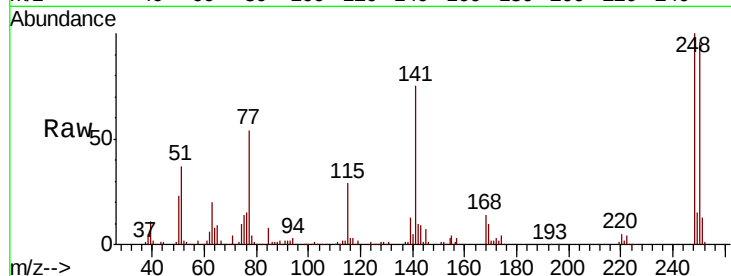
#67
 4-Bromophenyl-phenylether
 Concen: 38.303 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117734BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.6	116.4
141	74.7	63.9	95.9

Manual Integrations
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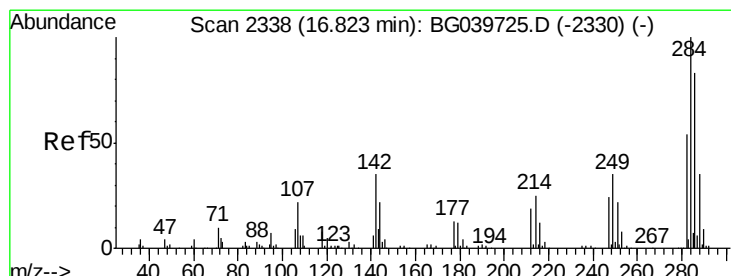
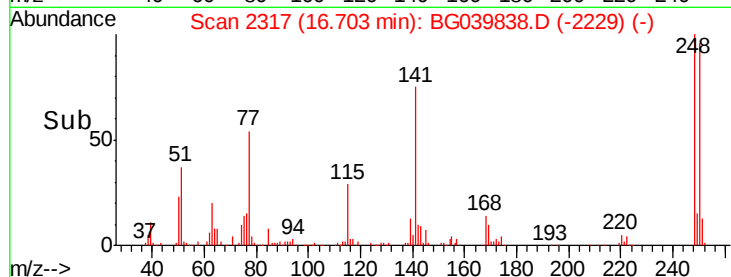
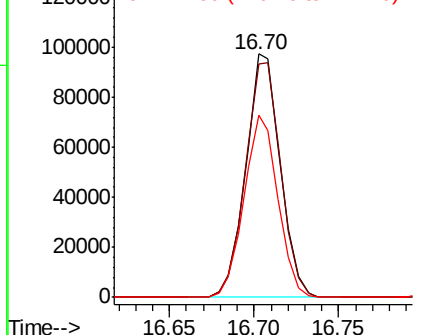


Abundance

Ion 248.00 (247.70 to 248.70): E

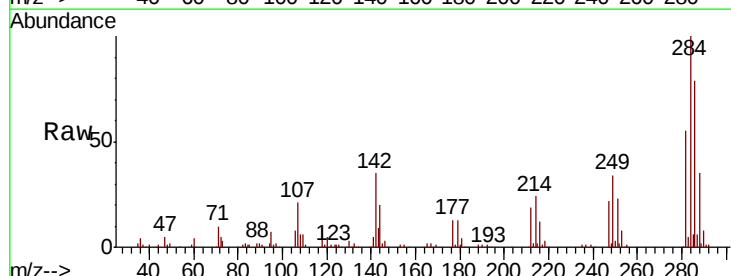
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.959 ng
 RT: 16.82 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	30.6	45.8
249	34.3	28.2	42.2

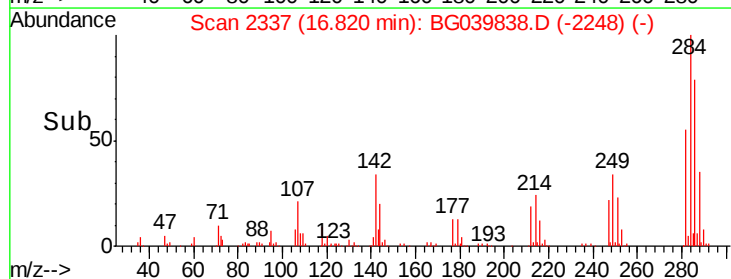
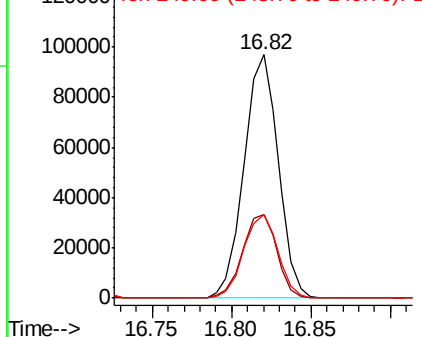


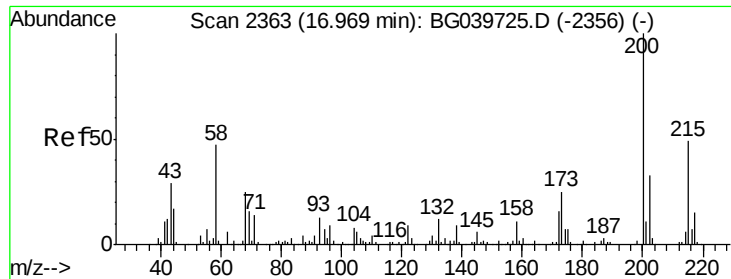
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





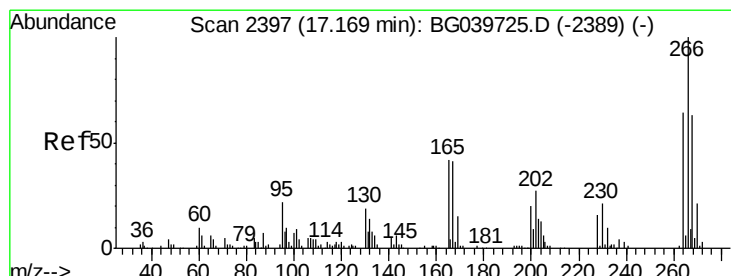
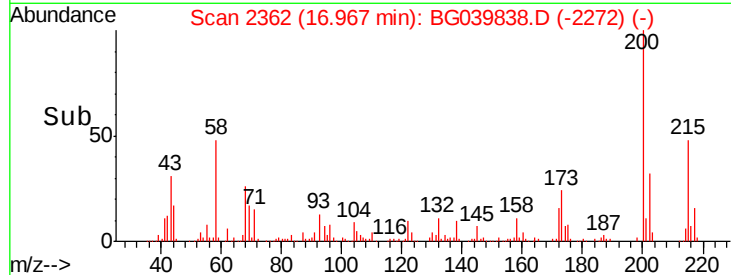
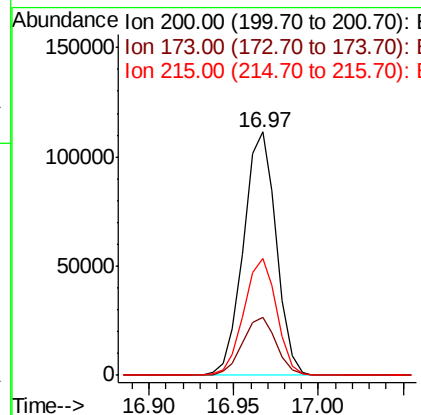
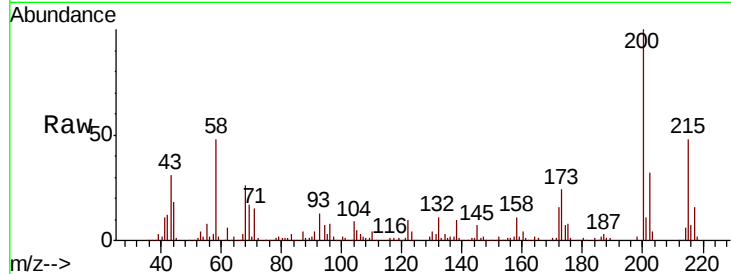
#69
 Atrazine
 Concen: 41.061 ng
 RT: 16.97 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Instrument :
 BNA_G
 ClientSampled :
 PB117734BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.1	3.9	43.9
215	48.1	30.9	70.9

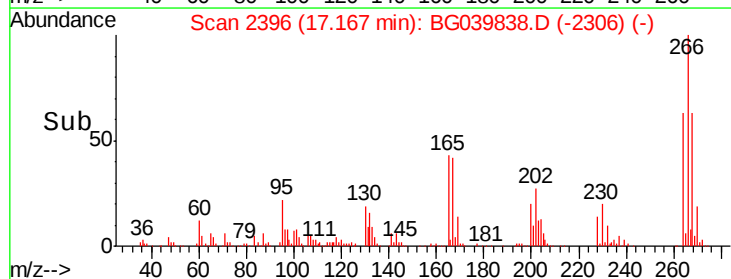
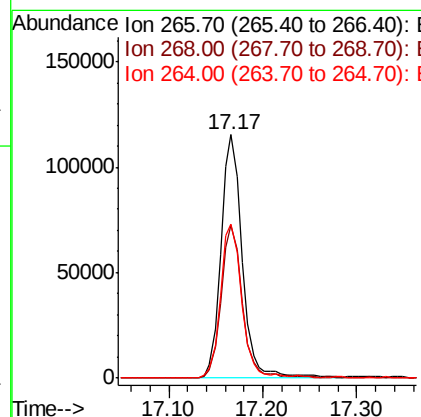
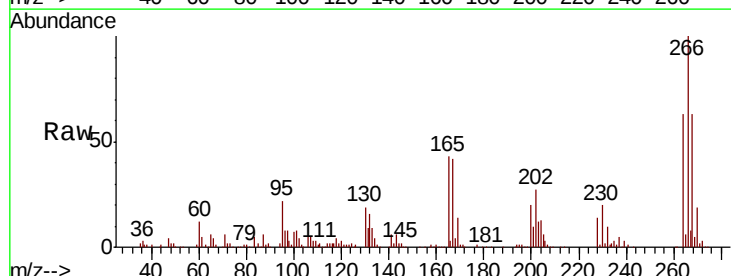
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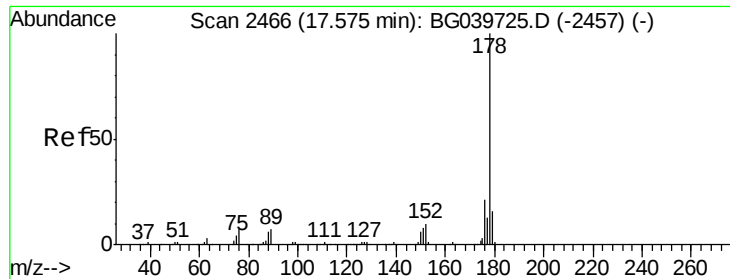
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#70
 Pentachlorophenol
 Concen: 77.993 ng
 RT: 17.17 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.6	51.1	76.7
264	63.2	52.1	78.1





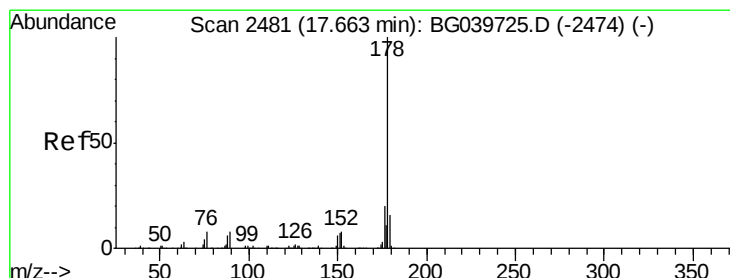
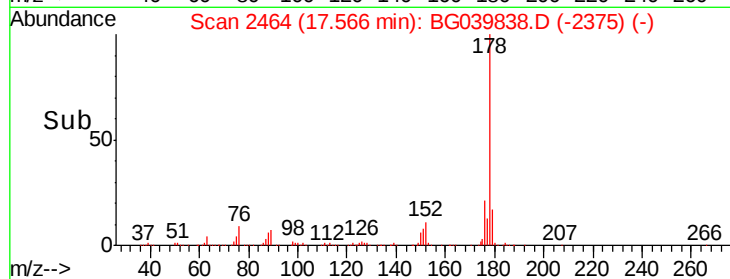
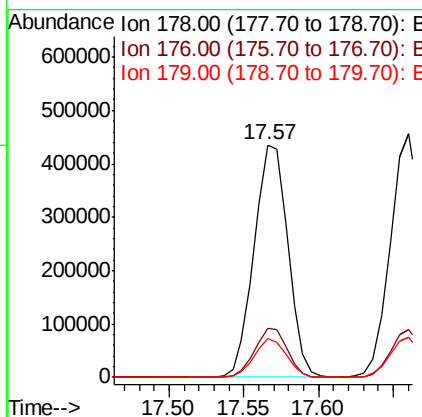
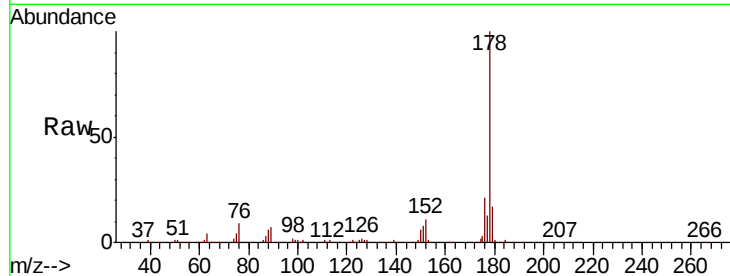
#71
Phenanthrene
Concen: 38.535 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	16.7	12.6	19.0

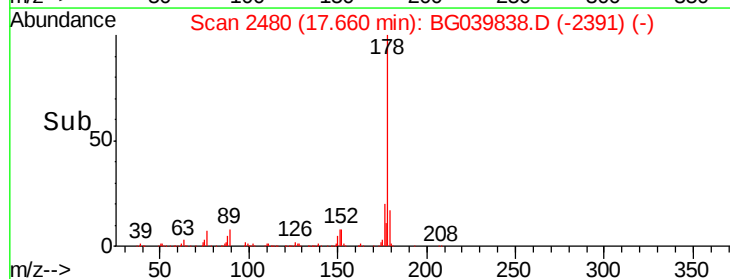
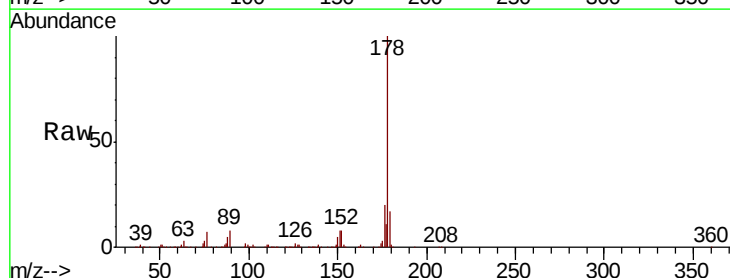
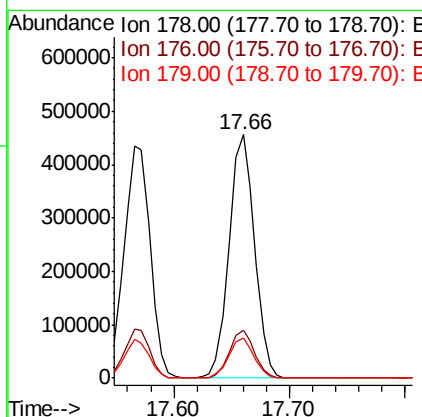
Manual Integrations
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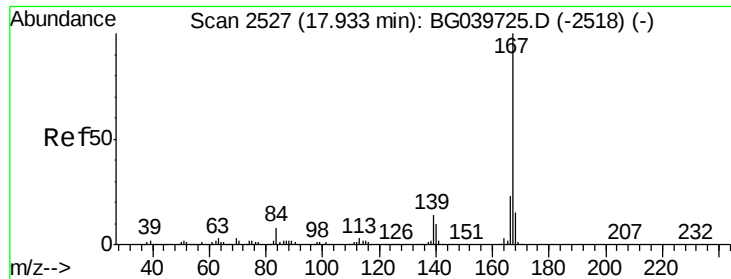
Sohil
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#72
Anthracene
Concen: 40.361 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	16.7	12.5	18.7





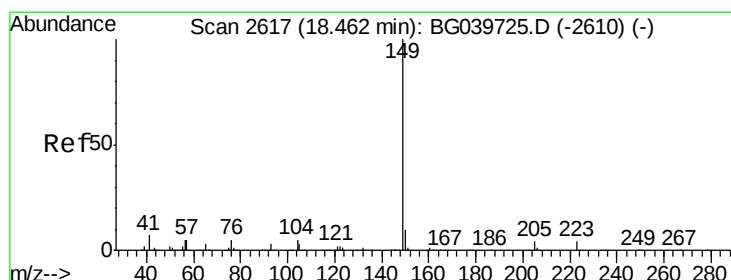
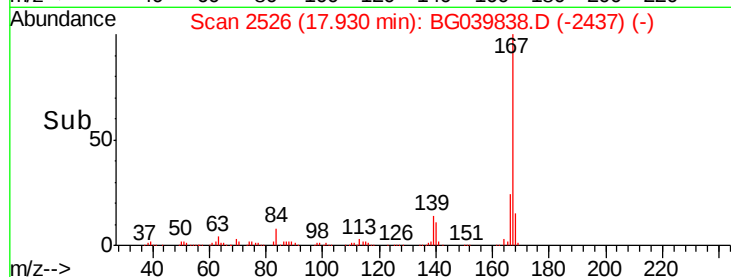
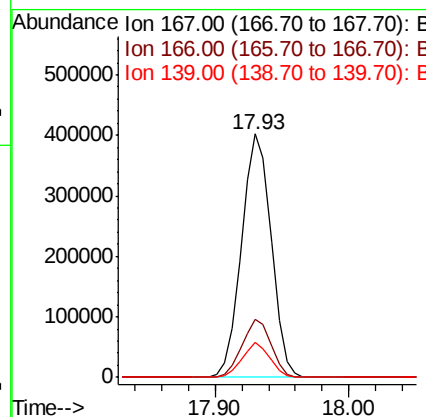
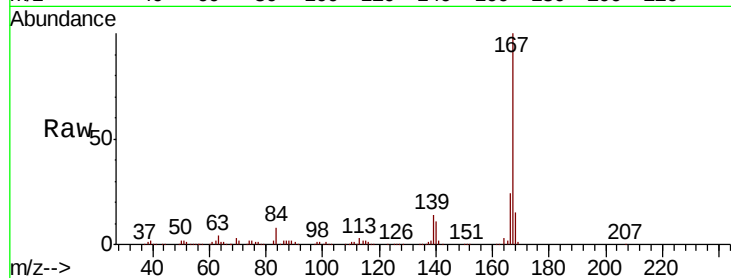
#73
 Carbazole
 Concen: 39.631 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117734BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.4	29.2
139	14.2	10.8	16.2

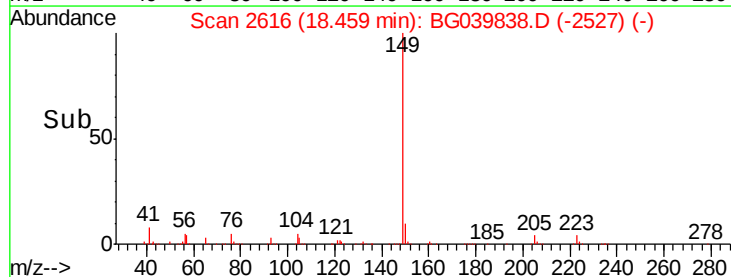
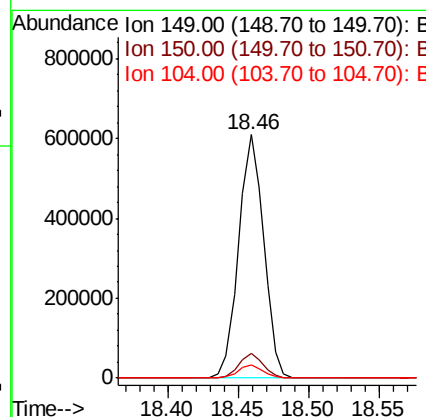
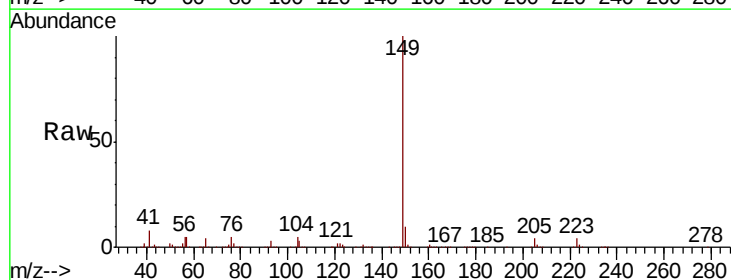
Manual Integrations
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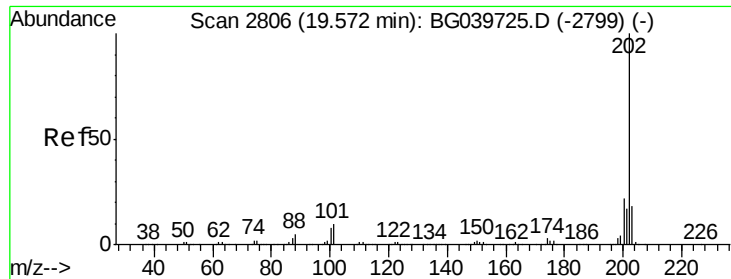
Sohil
 3/12/2019 4:42:19 PM



#74
 Di-n-butylphthalate
 Concen: 41.203 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 39.779 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Instrument :

BNA_G

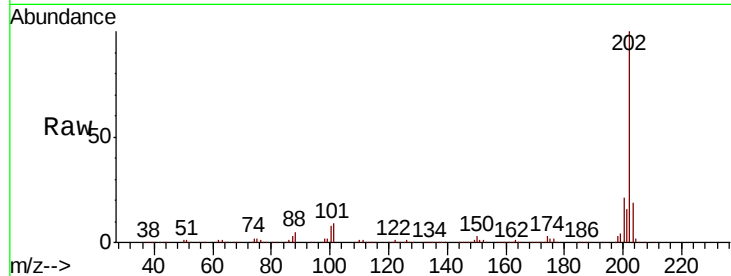
ClientSampleId :

PB117734BS

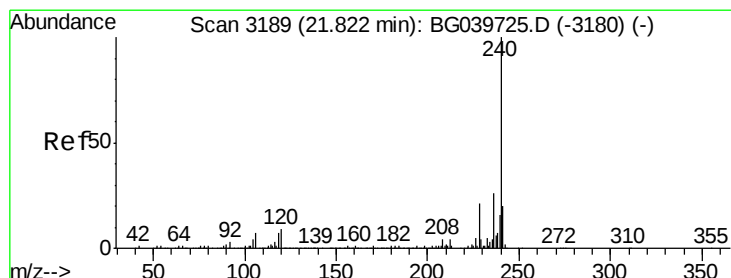
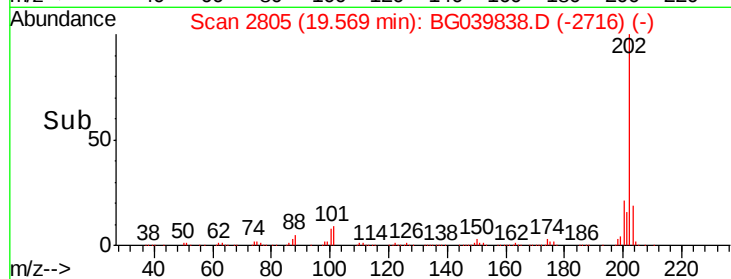
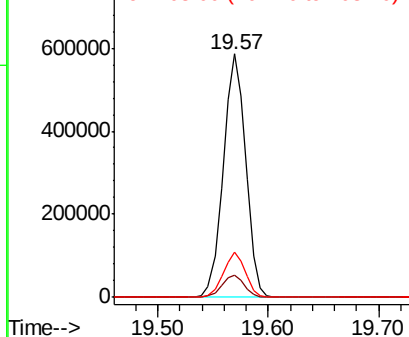
Tot Ion	Ratio	Resp	Lower	Upper
202	100	831246		
101	9.3	0.0	30.0	
203	18.7	0.0	38.9	

Manual Integrations
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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

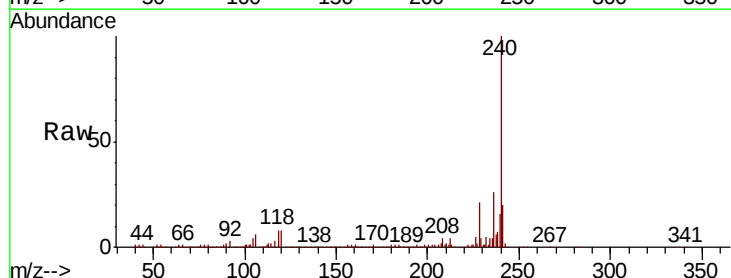
RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

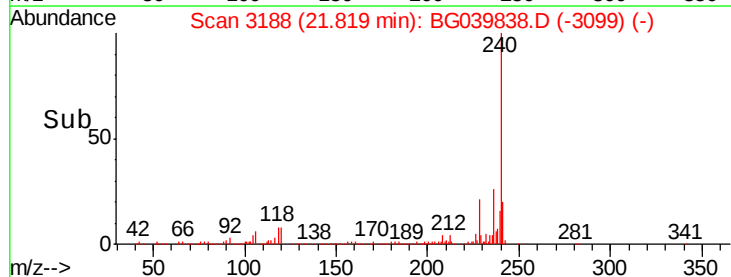
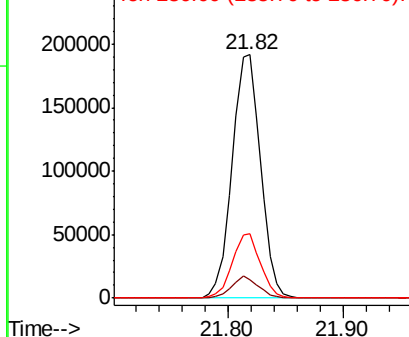
Lab File: BG039838.D

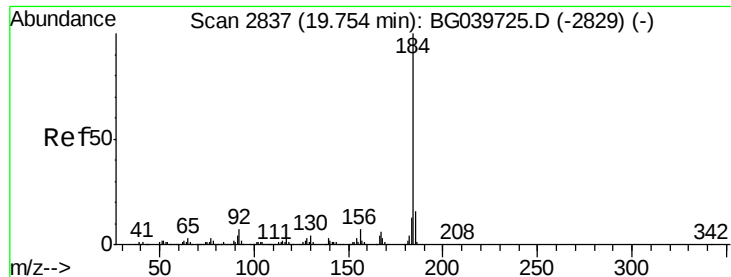
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	326464		
120	7.7	7.0	10.6	
236	26.2	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: 28.704 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Instrument :

BNA_G

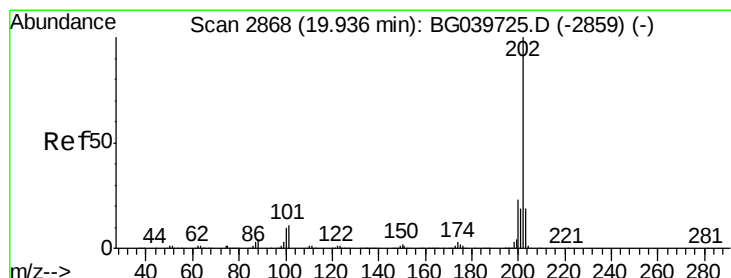
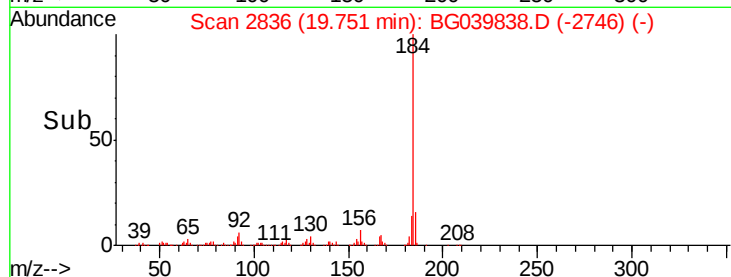
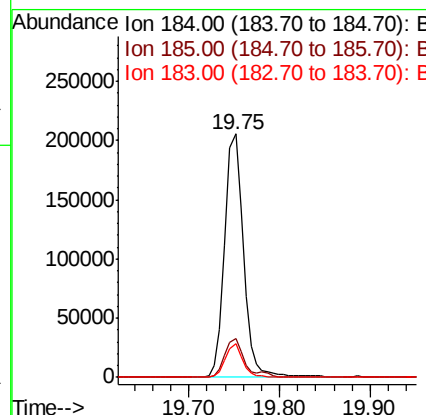
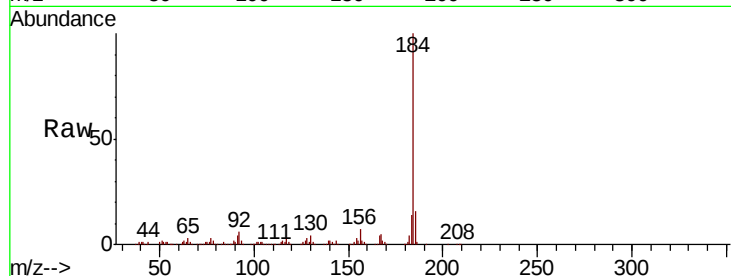
ClientSampled :

PB117734BS

Tot Ion:	184	Resp:	297368
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.2	18.2
183	13.7	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 38.606 ng

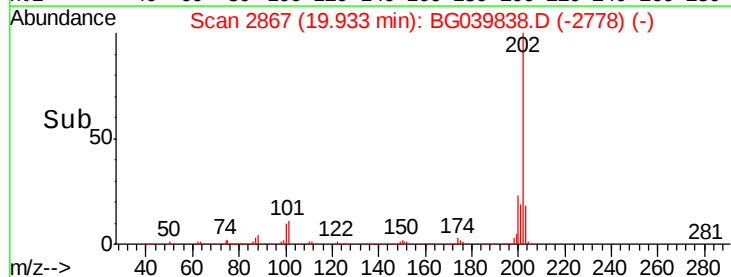
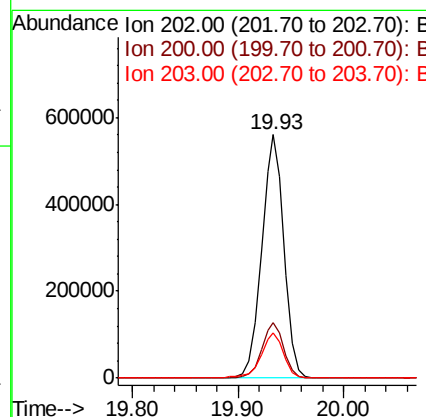
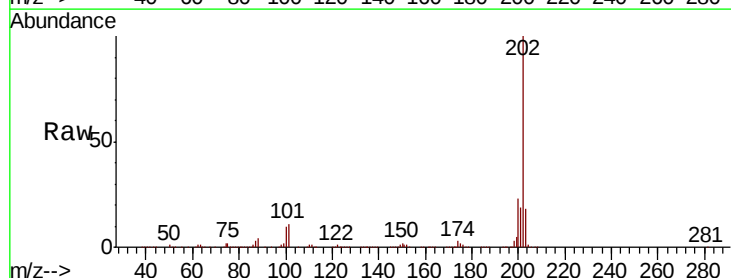
RT: 19.93 min Scan# 2867

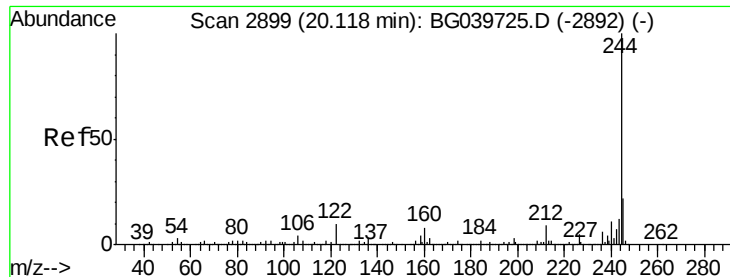
Delta R.T. -0.01 min

Lab File: BG039838.D

Acq: 11 Mar 2019 12:37

Tgt Ion:	202	Resp:	818982
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.8	26.8
203	18.4	15.3	22.9





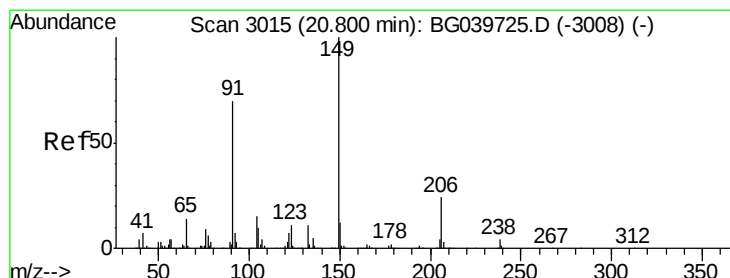
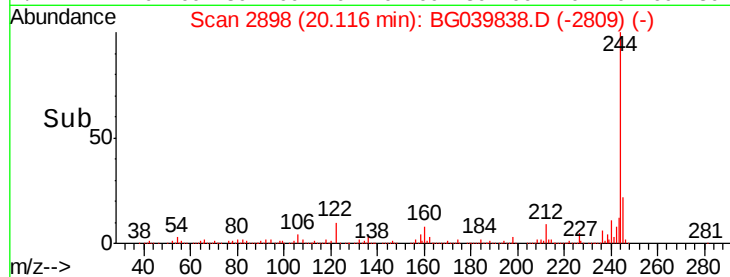
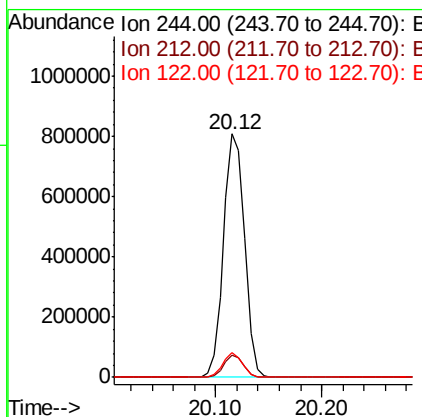
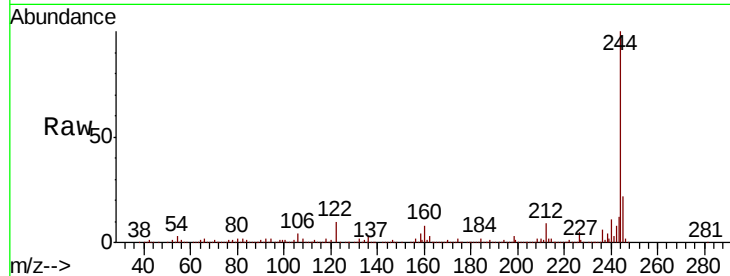
#79
 Terphenyl-d14
 Concen: 75.121 ng
 RT: 20.12 min Scan# 2898
 Delta R.T. -0.01 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Instrument :
 BNA_G
 ClientSampled :
 PB117734BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.1	8.4	12.6

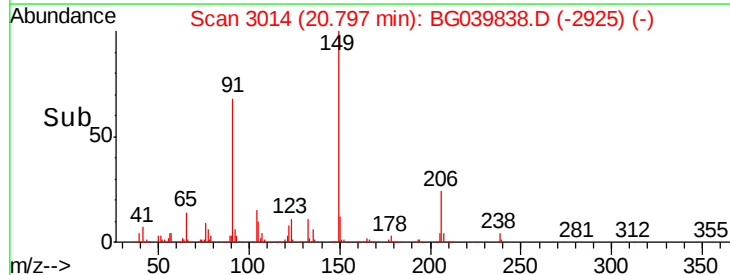
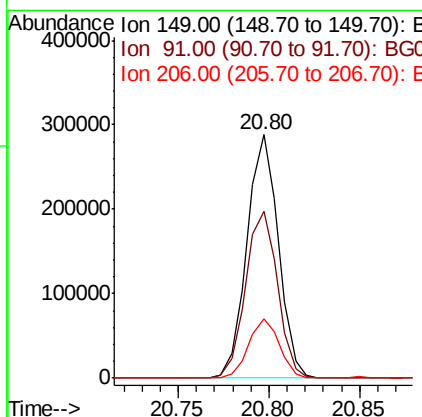
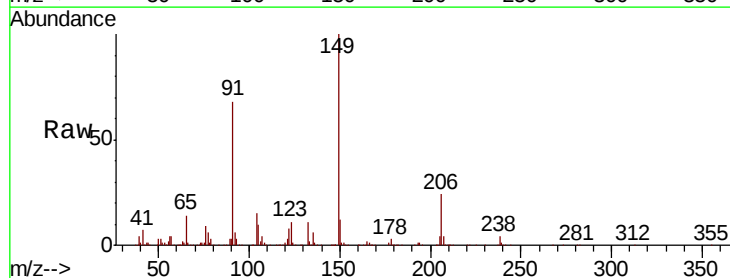
Manual Integrations
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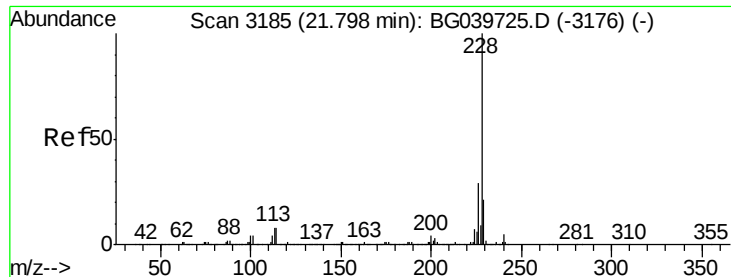
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#80
 Butylbenzylphthalate
 Concen: 42.221 ng
 RT: 20.80 min Scan# 3014
 Delta R.T. -0.01 min
 Lab File: BG039838.D
 Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.4	59.5	89.3
206	24.2	18.6	27.8





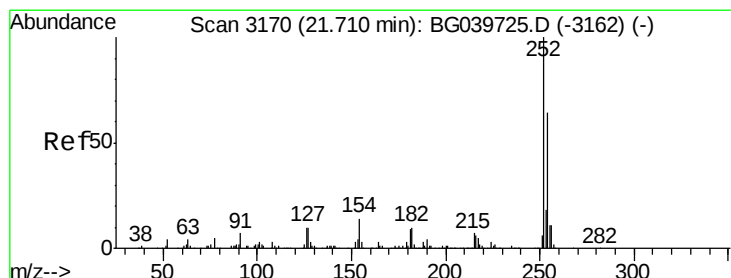
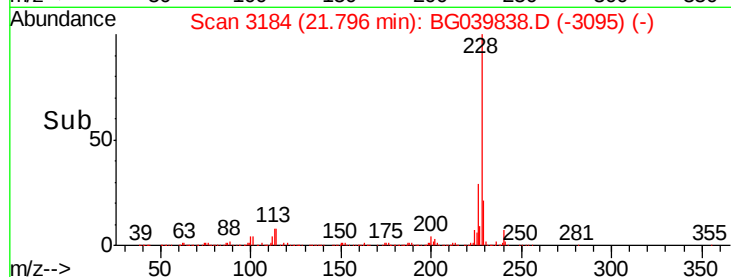
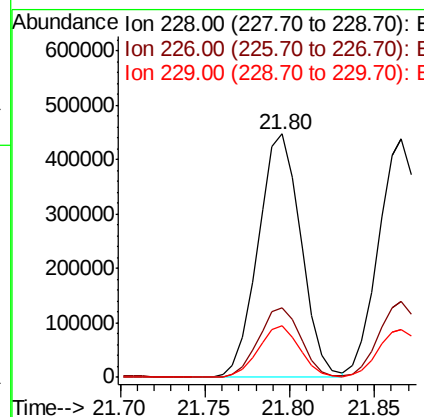
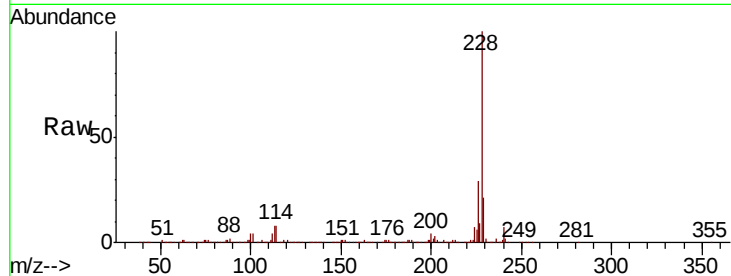
#81
Benzo(a)anthracene
Concen: 38.501 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	21.1	16.9	25.3

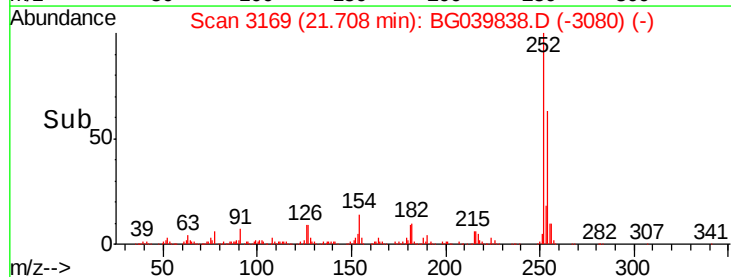
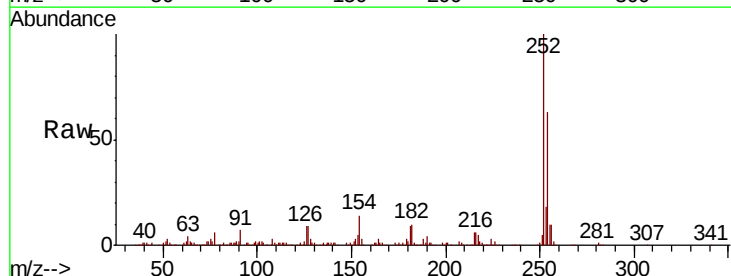
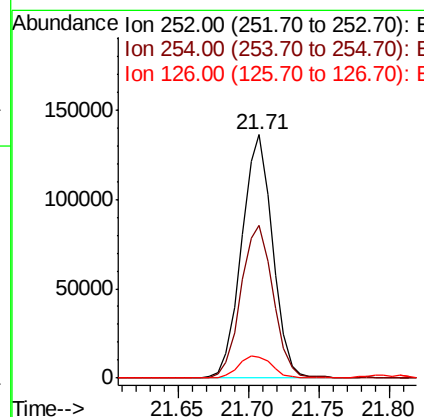
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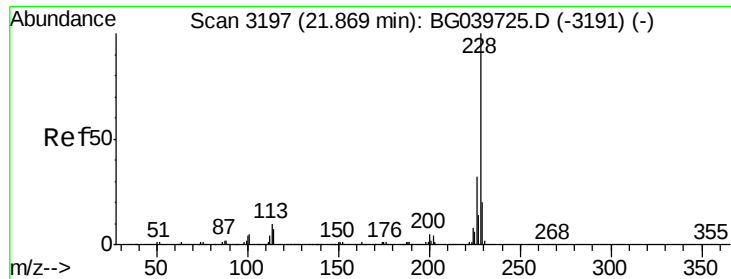
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#82
3,3'-Dichlorobenzidine
Concen: 27.974 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.3	76.9
126	8.6	8.0	12.0





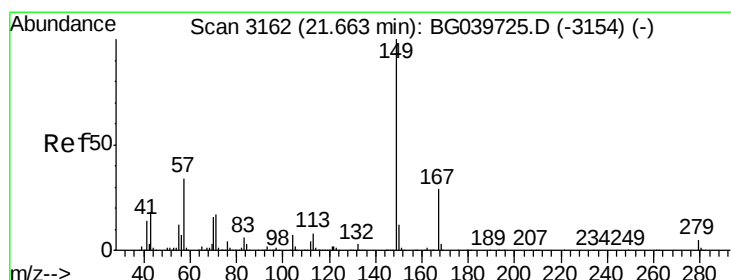
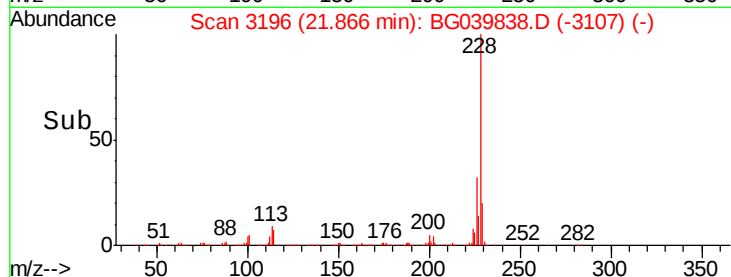
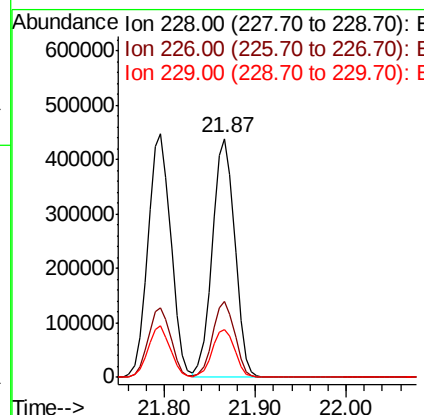
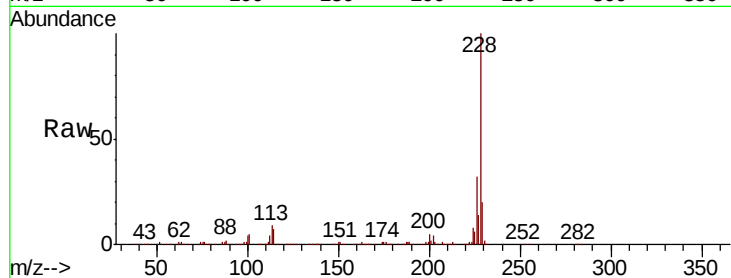
#83
Chrysene
Concen: 38.079 ng
RT: 21.87 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.8	38.6
229	20.0	16.6	25.0

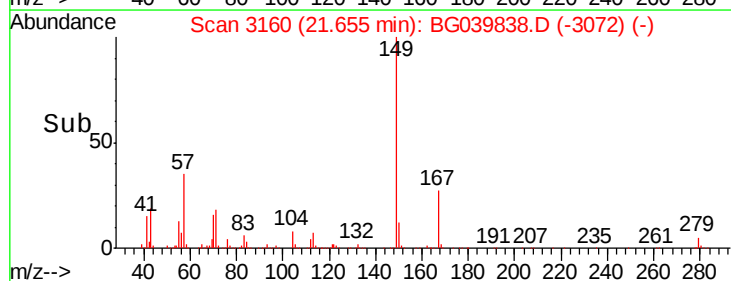
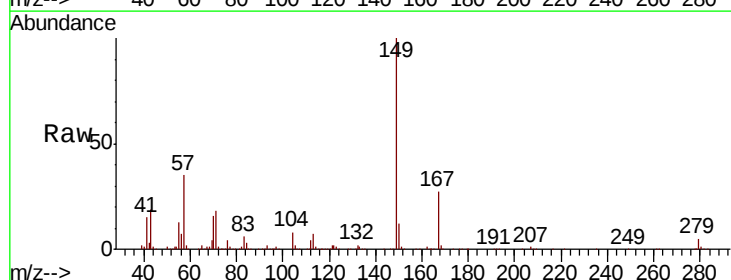
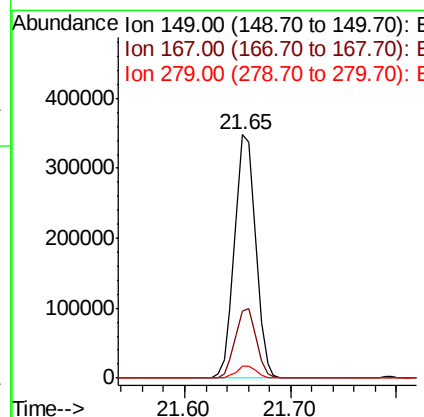
Manual Integrations
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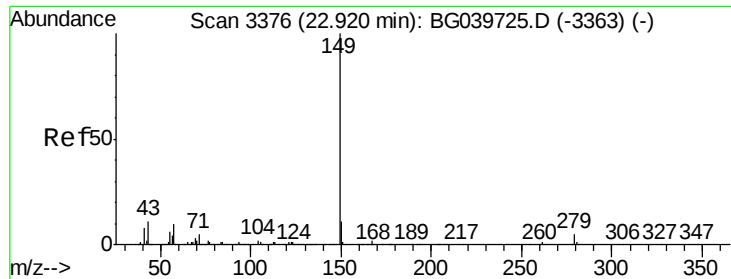
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.401 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.02 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.6	34.0
279	5.0	3.5	5.3





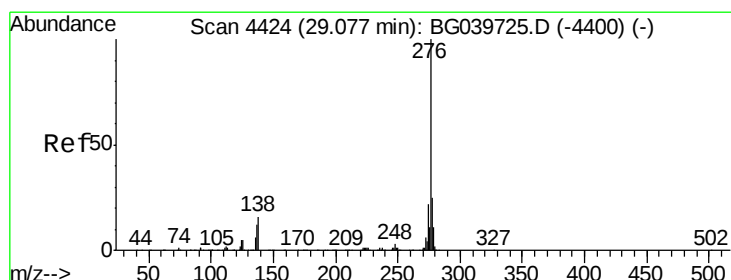
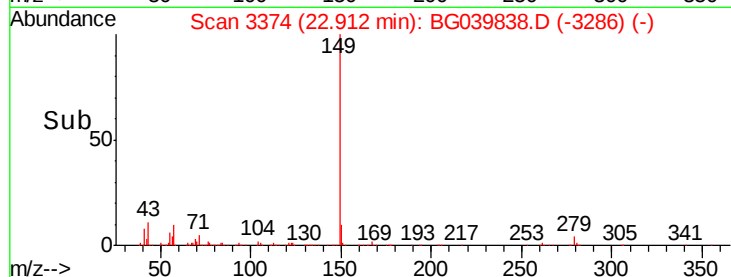
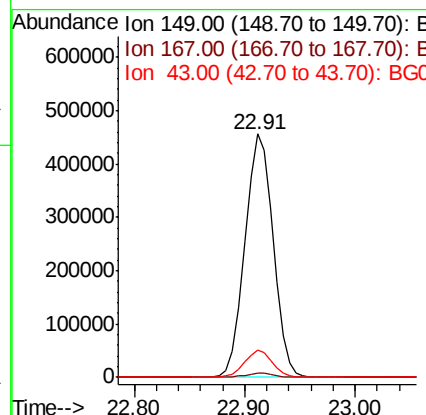
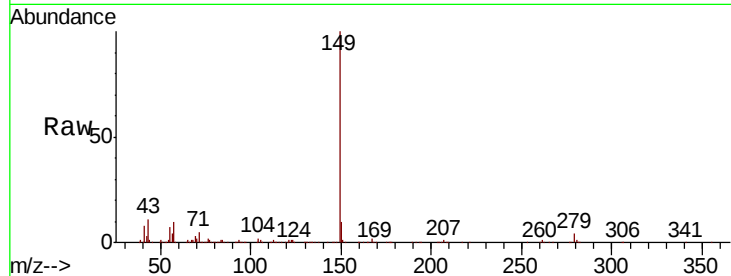
#85
Di-n-octyl phthalate
Concen: 42.922 ng
RT: 22.91 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.8	10.2	15.4

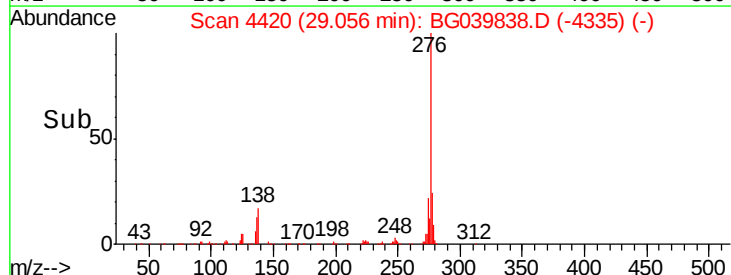
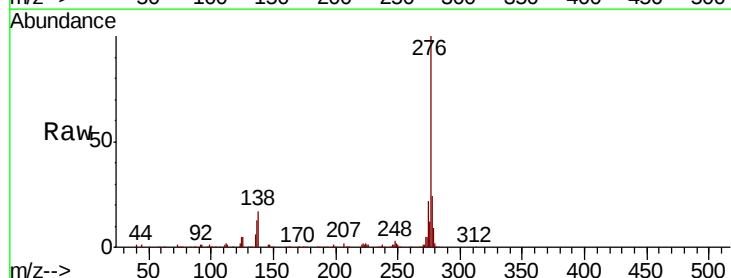
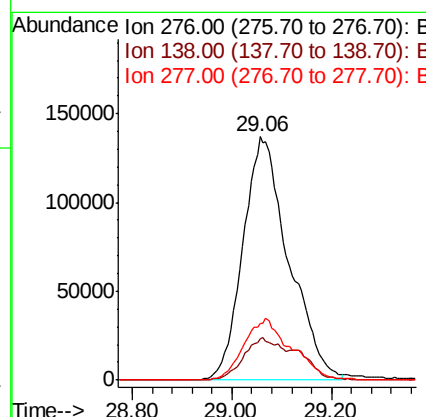
Manual Integrations
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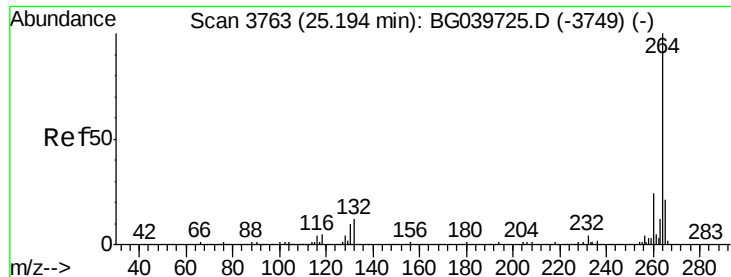
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.724 ng
RT: 29.06 min Scan# 4420
Delta R.T. -0.03 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.6	19.0
277	26.2	20.8	31.2





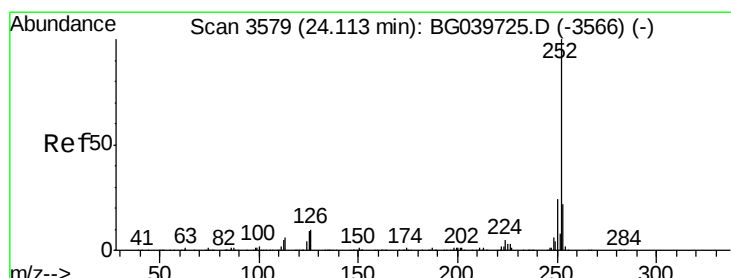
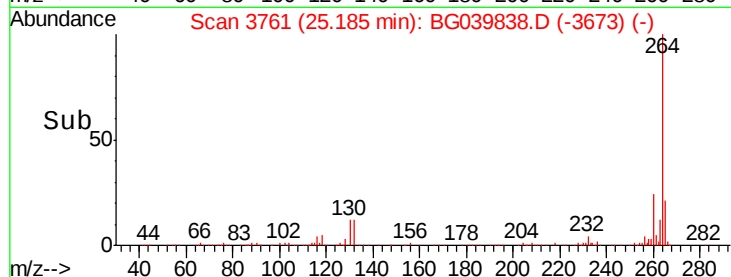
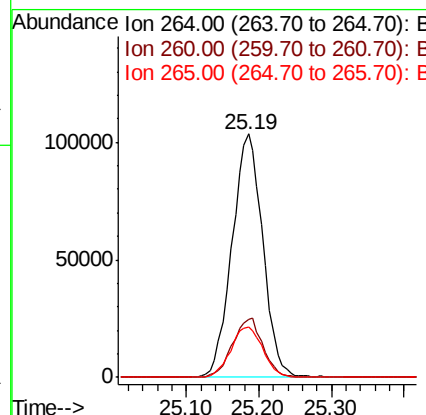
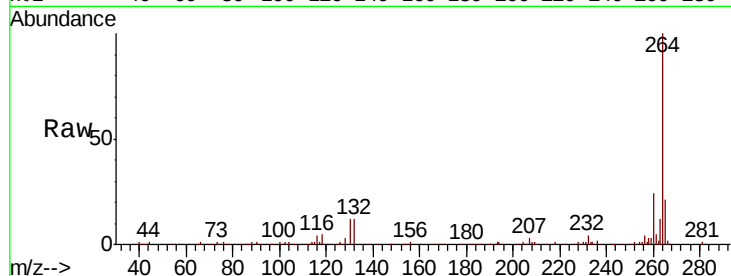
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3761
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampled :
PB117734BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	20.6	18.5	27.7

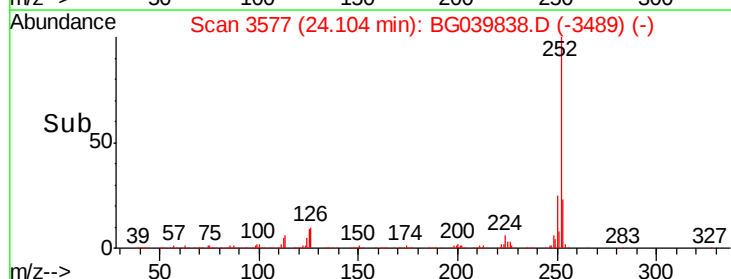
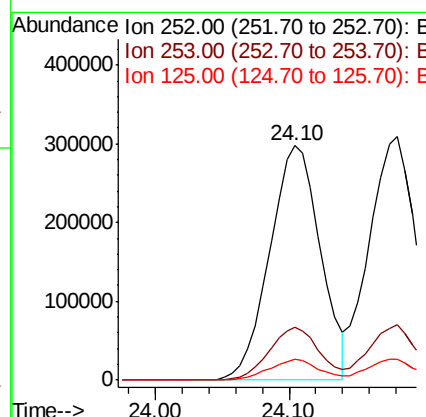
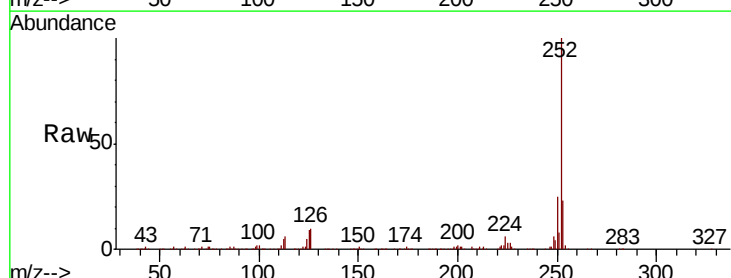
Manual Integrations
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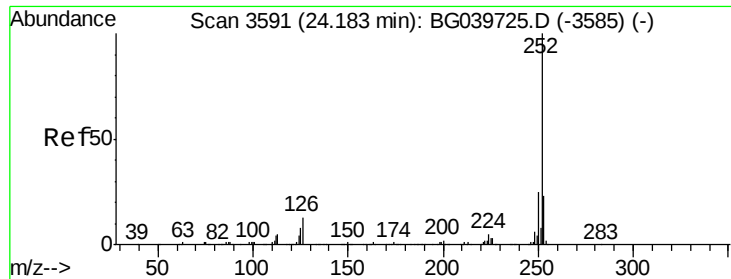
Sohil
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#88
Benzo(b)fluoranthene
Concen: 43.060 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	8.9	7.8	11.6





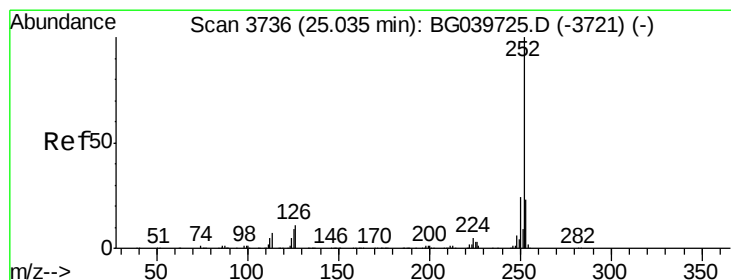
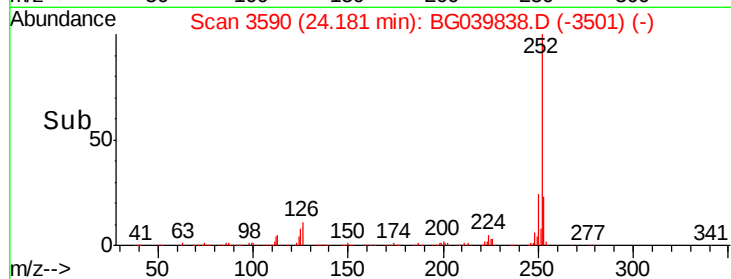
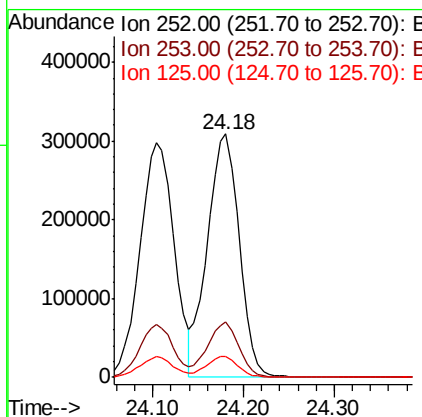
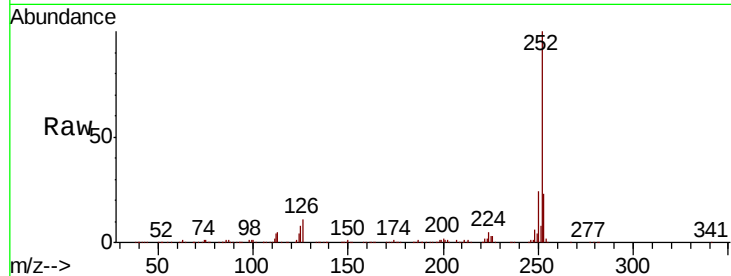
#89
Benzo(k)fluoranthene
Concen: 44.632 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	8.4	7.4	11.2

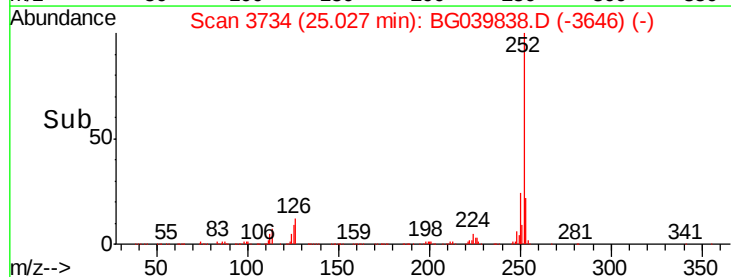
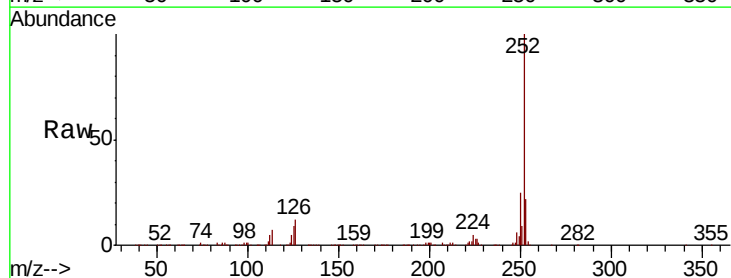
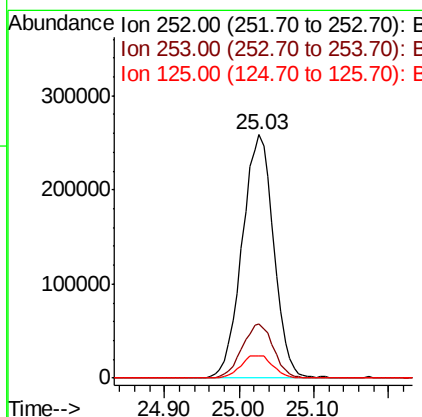
Manual Integrations
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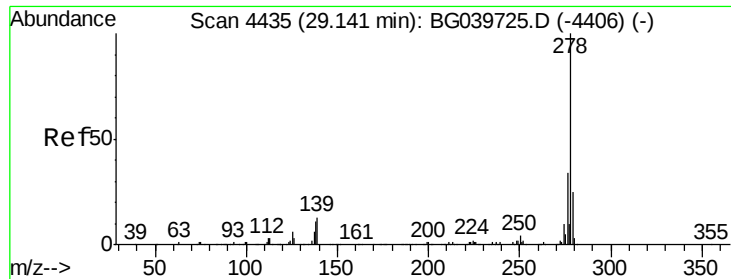
Sohil
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#90
Benzo(a)pyrene
Concen: 45.311 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.3	8.3	12.5





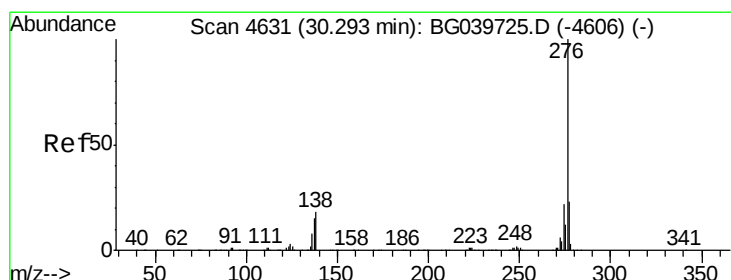
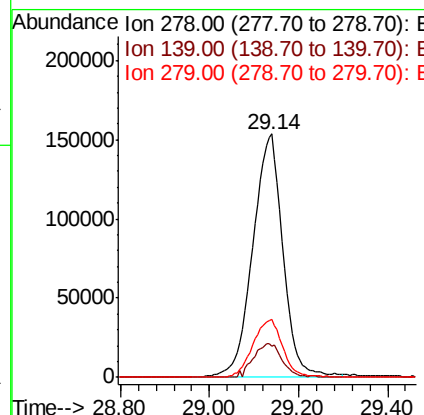
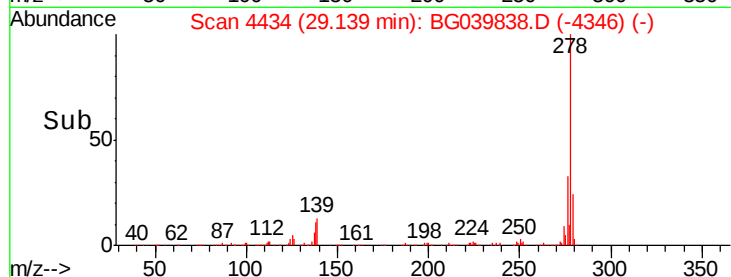
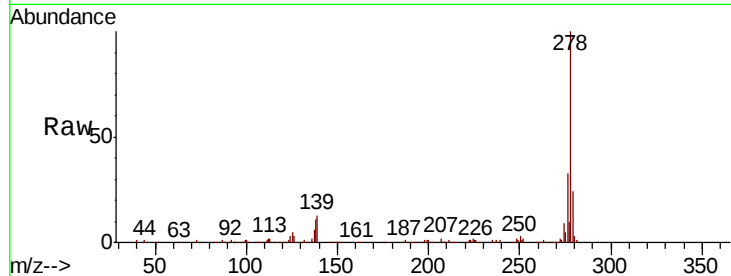
#91
Dibenzo(a,h)anthracene
Concen: 43.386 ng
RT: 29.14 min Scan# 4434
Delta R.T. -0.01 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.7	17.5
279	23.8	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/12/2019 4:42:19 PM



#92
Benzo(g,h,i)perylene
Concen: 43.610 ng
RT: 30.29 min Scan# 4630
Delta R.T. -0.02 min
Lab File: BG039838.D
Acq: 11 Mar 2019 12:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	17.0	14.7	22.1

