

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039877.D
 Acq On : 12 Mar 2019 16:54
 Operator : JU/SJ
 Sample : PB117829BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

Manual Integrations
 APPROVED

Sohil
 3/13/2019 5:49:27 PM

Quant Time: Mar 13 06:41:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	36058	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	156288	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	112344	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	287074	20.00	ng	0.00
76) Chrysene-d12	21.82	240	296367	20.00	ng	0.00
87) Perylene-d12	25.18	264	277119	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	310222	146.78	ng	0.00
7) Phenol-d6	7.30	99	439866	139.57	ng	0.00
23) Nitrobenzene-d5	9.33	82	231816	80.22	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	181611	138.69	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	585835	74.25	ng	0.00
79) Terphenyl-d14	20.12	244	1050418	78.04	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.59	88	39867	40.856	ng	96
3) Pyridine	3.99	79	98506	37.708	ng	98
4) n-Nitrosodimethylamine	3.91	42	53039	42.798	ng	91
6) Aniline	7.48	93	119246	28.881	ng	99
8) 2-Chlorophenol	7.71	128	110462	43.079	ng	99
9) Benzaldehyde	7.29	77	49857	24.525	ng	97
10) Phenol	7.33	94	156233	45.762	ng	96
11) bis(2-Chloroethyl)ether	7.57	93	105645	39.689	ng	96
12) 1,3-Dichlorobenzene	8.04	146	115629	39.872	ng	97
13) 1,4-Dichlorobenzene	8.19	146	117374	39.735	ng	98
14) 1,2-Dichlorobenzene	8.51	146	111517	39.073	ng	98
15) Benzyl Alcohol	8.39	79	107455	42.983	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	206451	38.779	ng	97
17) 2-Methylphenol	8.59	107	99609	45.756	ng	98
18) Hexachloroethane	9.24	117	40689	38.389	ng	98
19) n-Nitroso-di-n-propylamine	8.96	70	85767	37.810	ng	94
20) 3+4-Methylphenols	8.91	107	136137	45.015	ng	98
22) Acetophenone	8.98	105	164411	39.195	ng	# 95
24) Nitrobenzene	9.37	77	130222	42.956	ng	98
25) Isophorone	9.88	82	247307	40.844	ng	99
26) 2-Nitrophenol	10.08	139	64892	44.335	ng	# 94
27) 2,4-Dimethylphenol	10.13	122	118648	52.121	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	149519	40.635	ng	100
29) 2,4-Dichlorophenol	10.61	162	125146	48.828	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	119580	41.463	ng	99
31) Naphthalene	11.02	128	345107	41.706	ng	99
32) Benzoic acid	10.26	122	67103	43.629	ng	98
33) 4-Chloroaniline	11.14	127	88404	25.195	ng	92
34) Hexachlorobutadiene	11.29	225	78009	39.582	ng	93
35) Caprolactam	11.92	113	43195m	44.119	ng	
36) 4-Chloro-3-methylphenol	12.23	107	136837	46.575	ng	99
37) 2-Methylnaphthalene	12.62	142	268584	43.415	ng	97
38) 1-Methylnaphthalene	12.83	142	254129	42.270	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	146695	38.544	ng	98

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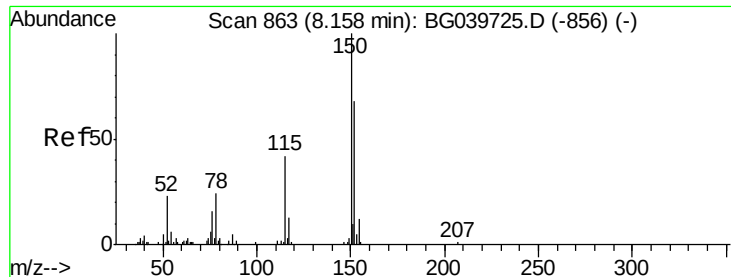
Manual Integrations
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 3/13/2019 5:49:27 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	174380	85.496	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	102553	46.025	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	113161	45.056	ng	99
46) 1,1'-Biphenyl	13.61	154	363291	39.317	ng	99
47) 2-Chloronaphthalene	13.67	162	280436	40.343	ng	98
48) 2-Nitroaniline	13.87	65	101128	45.269	ng	95
49) Acenaphthylene	14.51	152	460514	40.356	ng	98
50) Dimethylphthalate	14.23	163	379204	40.366	ng	99
51) 2,6-Dinitrotoluene	14.36	165	85901	43.134	ng	92
52) Acenaphthene	14.84	154	278128	40.495	ng	100
53) 3-Nitroaniline	14.69	138	59300	29.622	ng	# 98
54) 2,4-Dinitrophenol	14.90	184	90823	72.821	ng	98
55) Dibenzofuran	15.18	168	461508	40.956	ng	100
56) 4-Nitrophenol	14.99	139	155011	86.559	ng	91
57) 2,4-Dinitrotoluene	15.14	165	123689	44.202	ng	# 91
58) Fluorene	15.82	166	368543	41.603	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	115189	46.961	ng	97
60) Diethylphthalate	15.58	149	387816	41.703	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	192879	40.802	ng	99
62) 4-Nitroaniline	15.86	138	91898	42.344	ng	98
63) Azobenzene	16.11	77	356460	42.286	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	69416	40.896	ng	98
66) n-Nitrosodiphenylamine	16.03	169	340264	40.942	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	126570	39.389	ng	95
68) Hexachlorobenzene	16.82	284	132289	39.717	ng	98
69) Atrazine	16.97	200	137403	42.008	ng	98
70) Pentachlorophenol	17.16	266	165577	78.712	ng	97
71) Phenanthrene	17.57	178	630867	39.897	ng	99
72) Anthracene	17.66	178	635279	41.228	ng	99
73) Carbazole	17.93	167	570307	41.055	ng	99
74) Di-n-butylphthalate	18.45	149	696487	42.614	ng	99
75) Fluoranthene	19.57	202	778283	41.647	ng	99
77) Benzidine	19.75	184	279350	29.704	ng	100
78) Pyrene	19.93	202	782241	40.619	ng	100
80) Butylbenzylphthalate	20.79	149	328024	43.965	ng	95
81) Benzo(a)anthracene	21.79	228	746322	40.181	ng	98
82) 3,3'-Dichlorobenzidine	21.70	252	184331	27.182	ng	98
83) Chrysene	21.86	228	720182	39.994	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	456554	43.545	ng	100
85) Di-n-octyl phthalate	22.91	149	777575	44.791	ng	96
86) Indeno(1,2,3-cd)pyrene	29.06	276	823882	40.331	ng	# 96
88) Benzo(b)fluoranthene	24.10	252	737620	44.636	ng	98
89) Benzo(k)fluoranthene	24.18	252	727329	47.283	ng	98
90) Benzo(a)pyrene	25.02	252	716882	46.947	ng	99
91) Dibenzo(a,h)anthracene	29.12	278	676861	45.214	ng	98
92) Benzo(g,h,i)perylene	30.28	276	680221	45.243	ng	95

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



#1

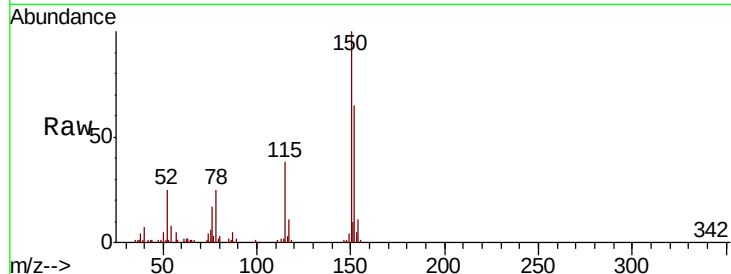
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.7	185.5
115	58.2	45.9	68.9

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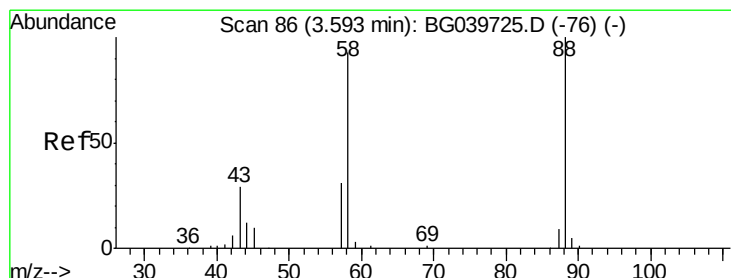
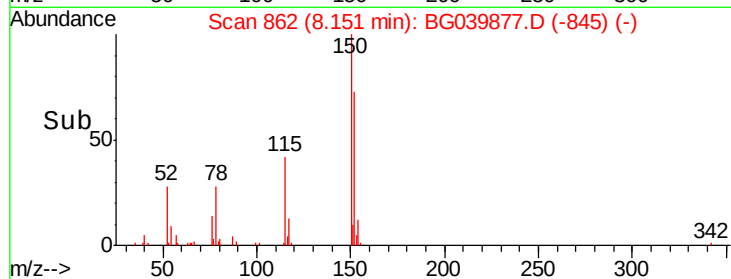
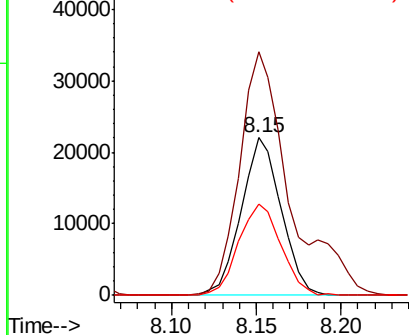


Abundance

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: 40.856 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.01 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

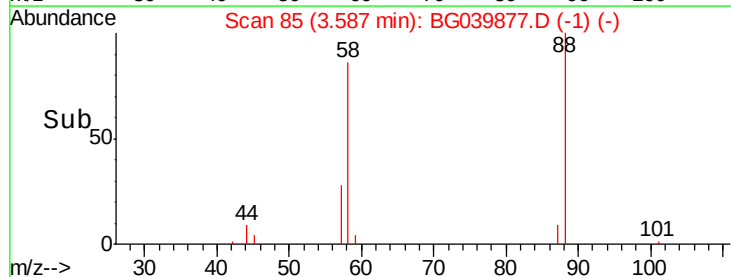
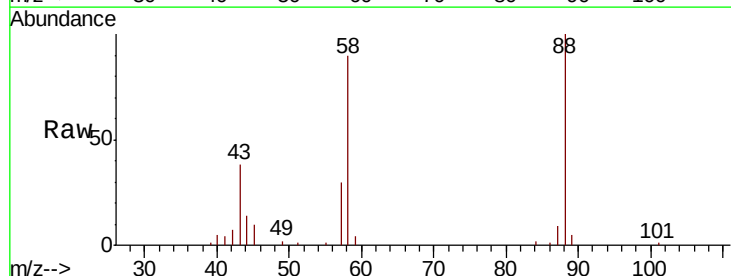
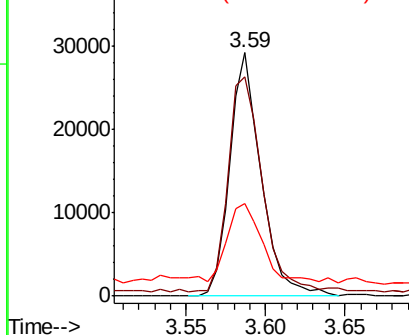
Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.6	81.1	121.7
43	36.6	31.4	47.0

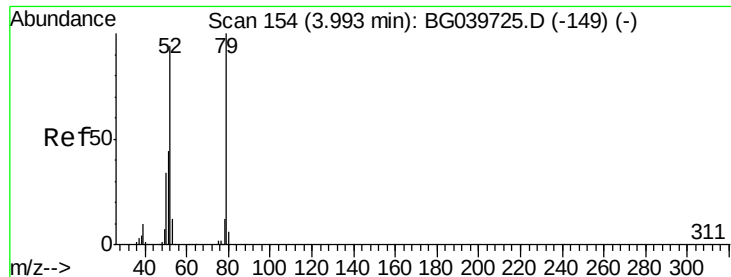
Abundance

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: 37.708 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.01 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

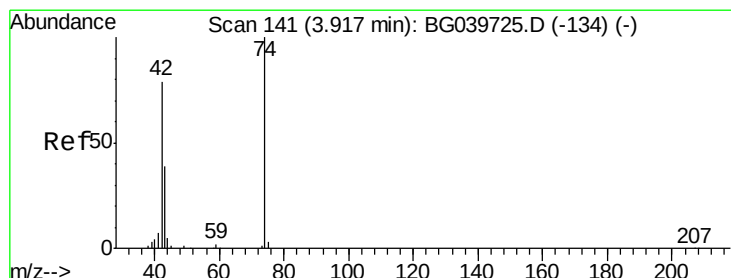
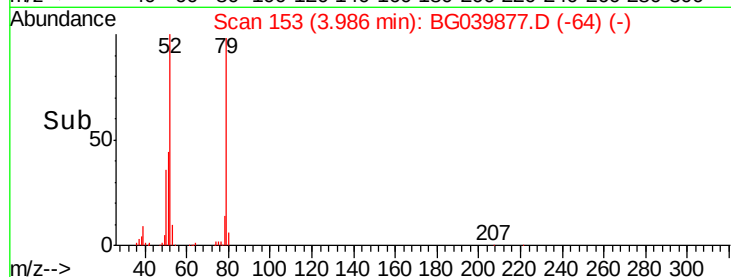
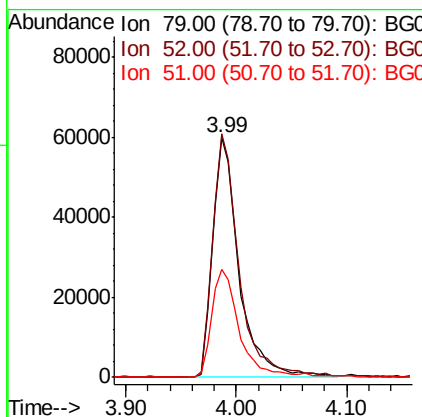
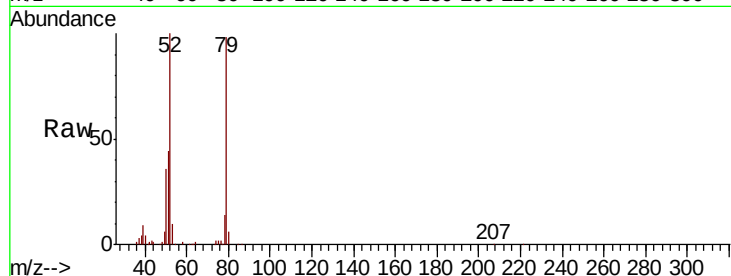
ClientSampleId :

PB117829BS

Tot Ion:	79	Resp:	98506
Ion Ratio	Lower	Upper	
79	100		
52	101.6	82.6	124.0
51	45.1	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 42.798 ng

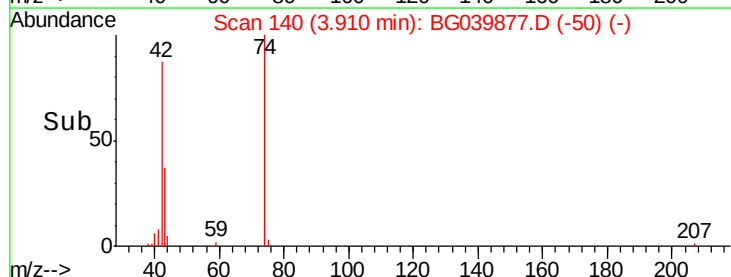
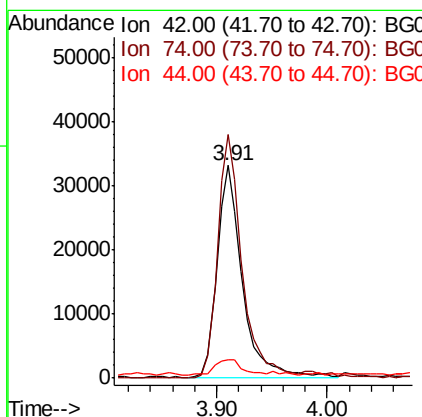
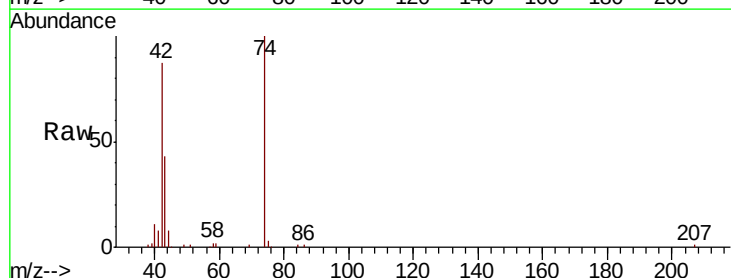
RT: 3.91 min Scan# 140

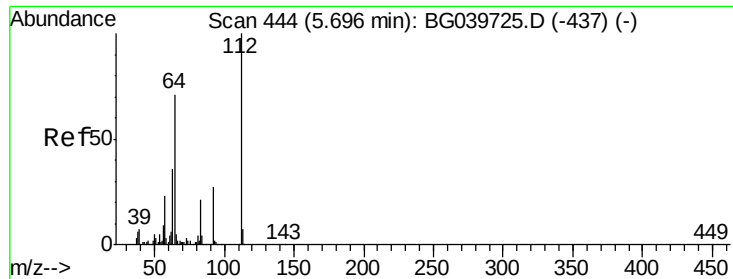
Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Tgt Ion:	42	Resp:	53039
Ion Ratio	Lower	Upper	
42	100		
74	114.5	83.6	125.4
44	8.7	6.9	10.3





#5

2-Fluorophenol

Concen: 146.775 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

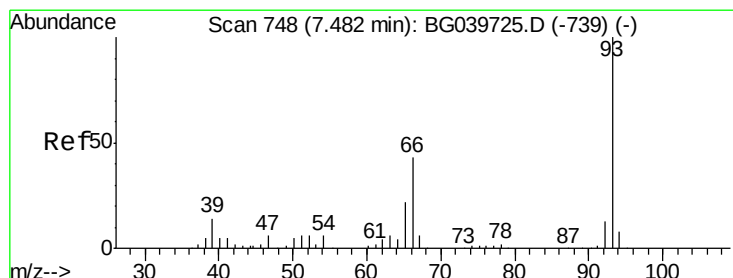
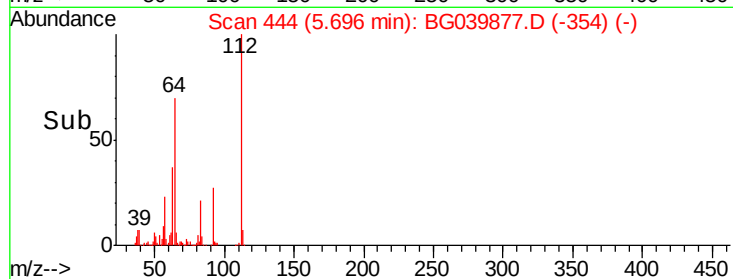
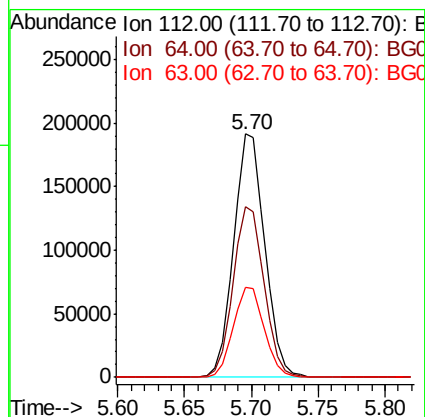
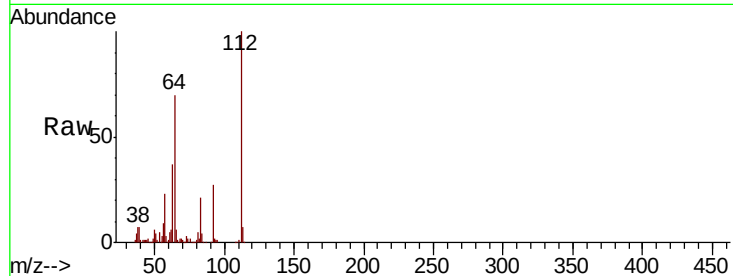
ClientSampled :

PB117829BS

Tot Ion:	112	Resp:	310222
Ion Ratio	Lower	Upper	
112	100		
64	70.2	57.8	86.8
63	36.9	29.8	44.6

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#6

Aniline

Concen: 28.881 ng

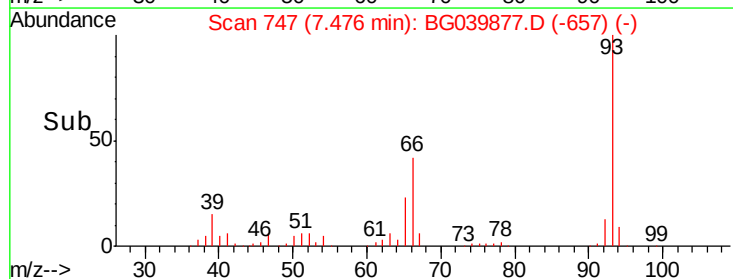
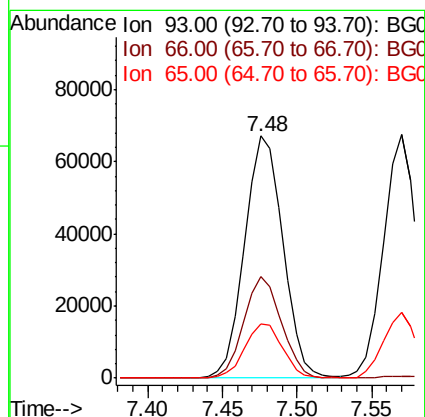
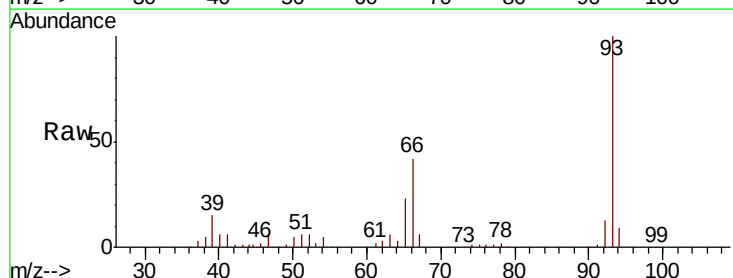
RT: 7.48 min Scan# 747

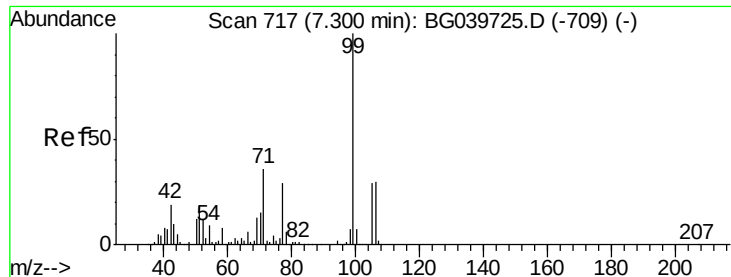
Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Tgt Ion:	93	Resp:	119246
Ion Ratio	Lower	Upper	
93	100		
66	42.0	34.2	51.4
65	22.6	17.7	26.5





#7

Phenol-d6

Concen: 139.574 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

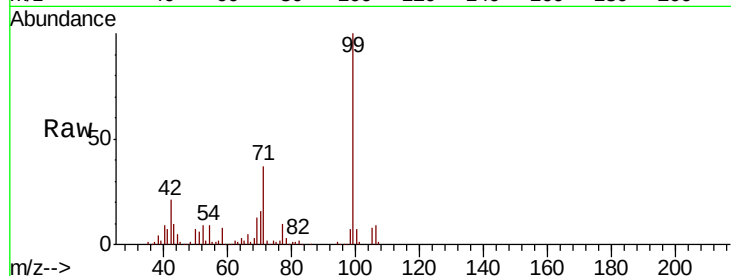
ClientSampleId :

PB117829BS

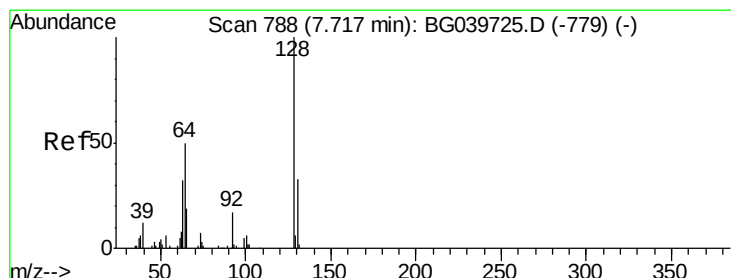
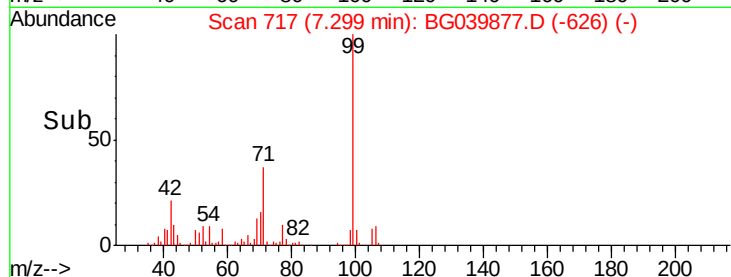
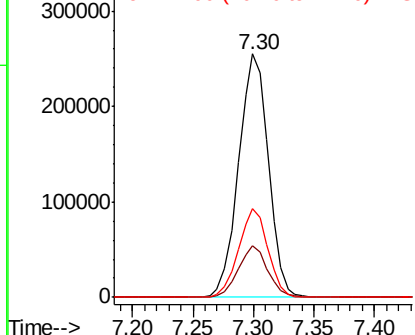
Tot Ion:	99	Resp:	439866
Ion Ratio	Lower	Upper	
99	100		
42	21.3	18.2	27.2
71	36.7	28.0	42.0

Manual Integrations
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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: 43.079 ng

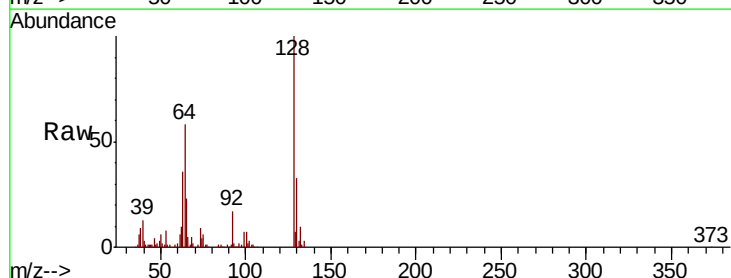
RT: 7.71 min Scan# 787

Delta R.T. -0.00 min

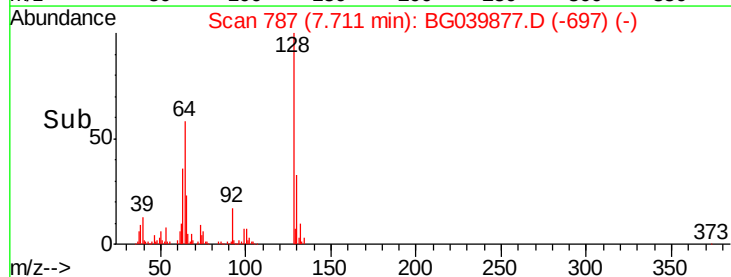
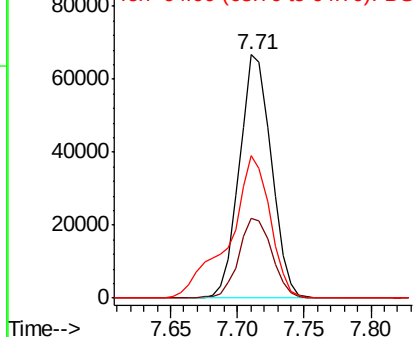
Lab File: BG039877.D

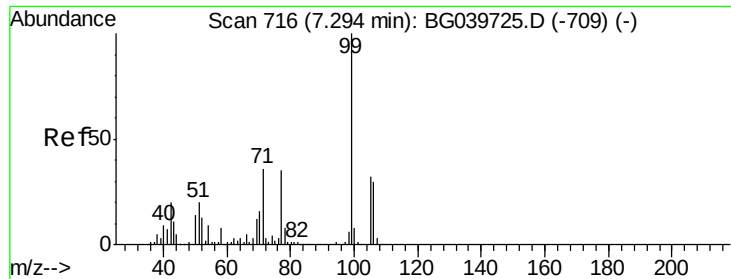
Acq: 12 Mar 2019 16:54

Tgt Ion:	128	Resp:	110462
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	58.3	38.7	78.7



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





#9

Benzaldehyde

Concen: 24.525 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

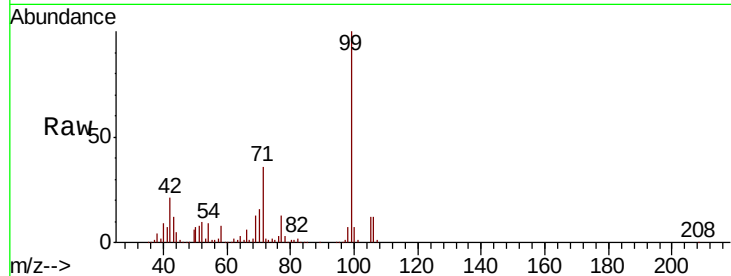
ClientSampleId :

PB117829BS

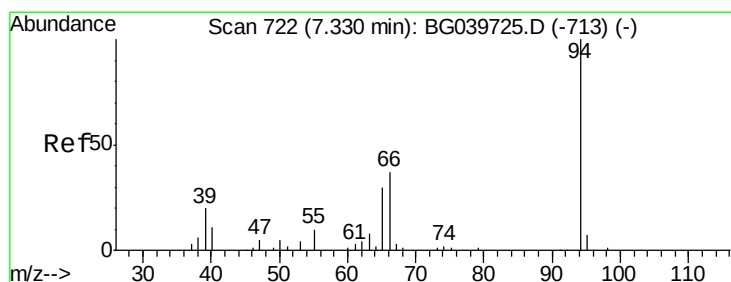
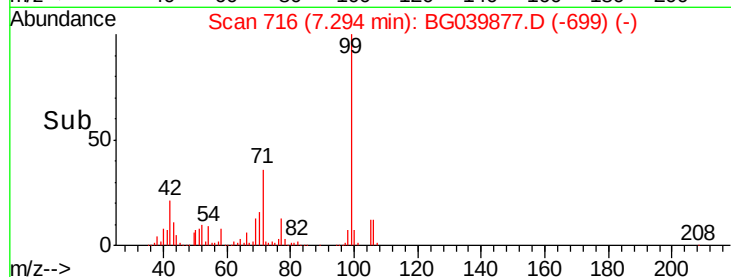
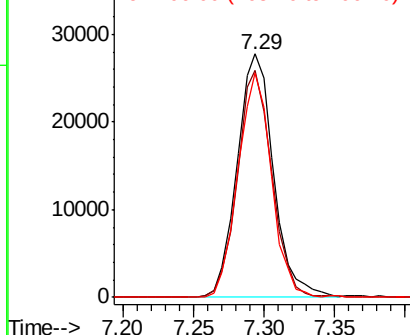
Tot Ion	Ratio	Lower	Upper
77	100		
105	93.3	74.5	114.5
106	92.3	68.0	108.0

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



#10

Phenol

Concen: 45.762 ng

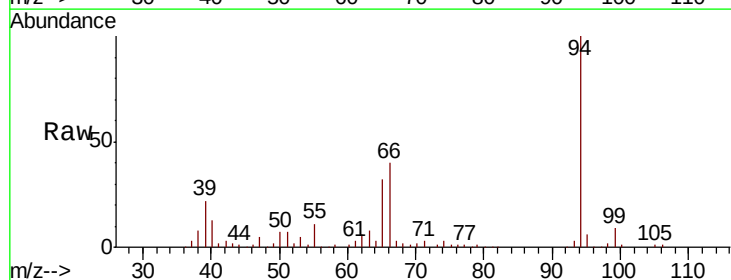
RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

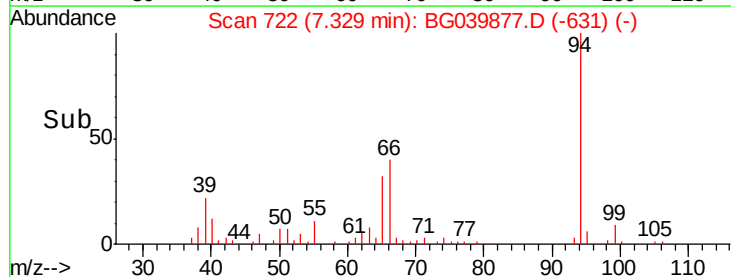
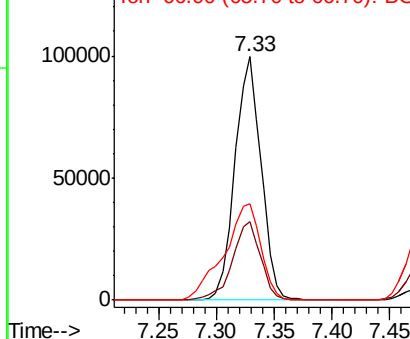
Lab File: BG039877.D

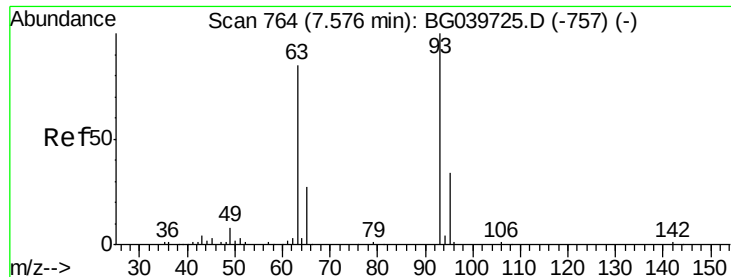
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.7	51.7
66	39.6	23.7	63.7



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





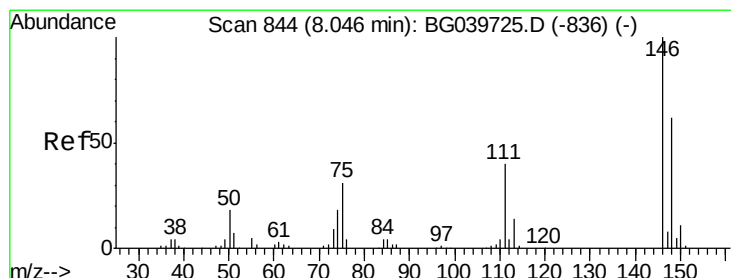
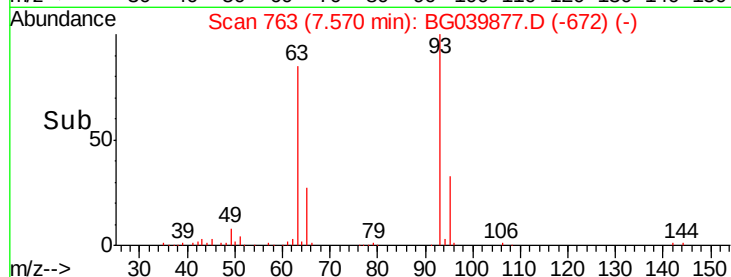
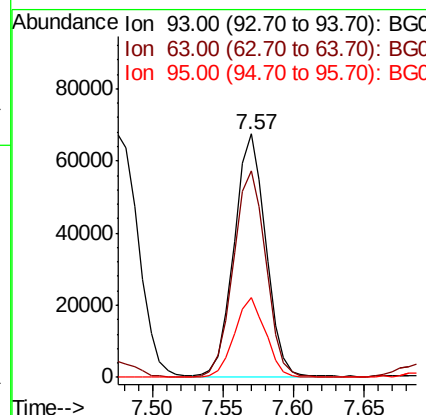
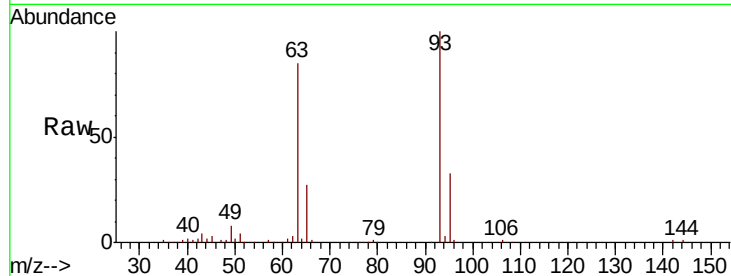
#11
bis(2-Chloroethyl)ether
Concen: 39.689 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.9	69.5	109.5
95	32.7	12.7	52.7

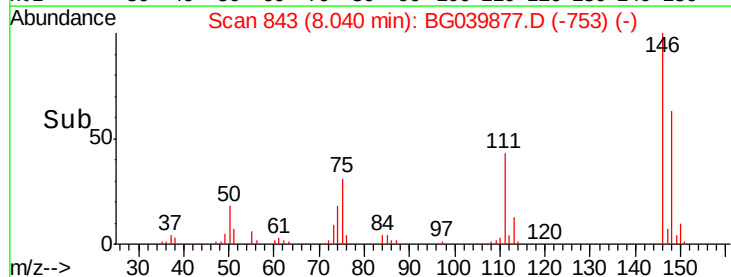
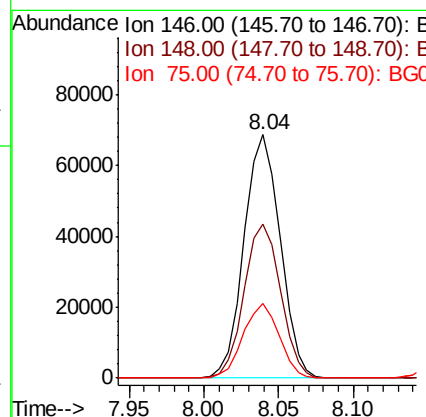
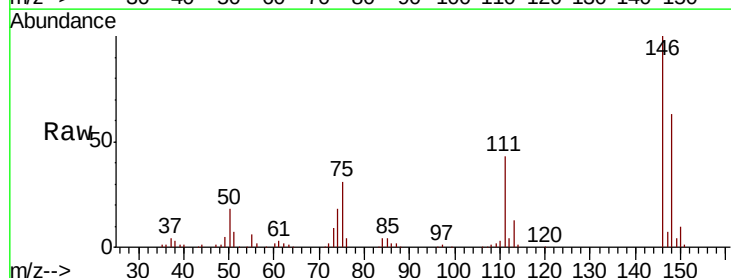
Manual Integrations
APPROVED

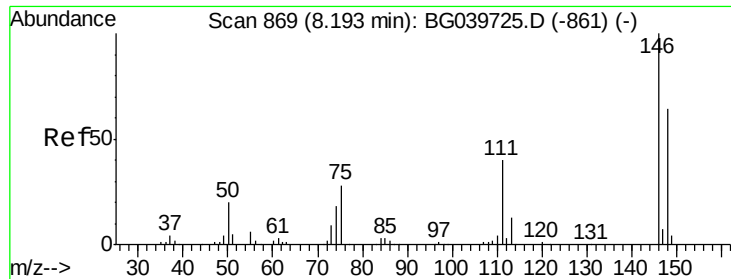
Sohil
3/13/2019 5:49:27 PM



#12
1,3-Dichlorobenzene
Concen: 39.872 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.6	79.0
75	30.7	25.8	38.6





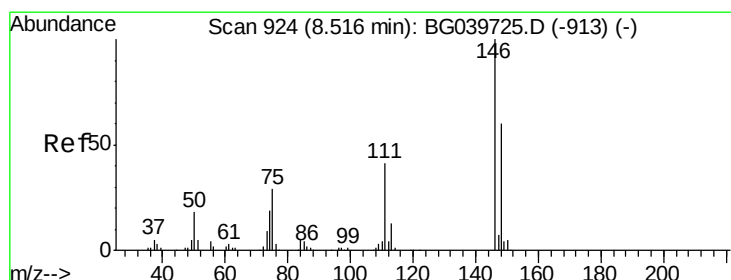
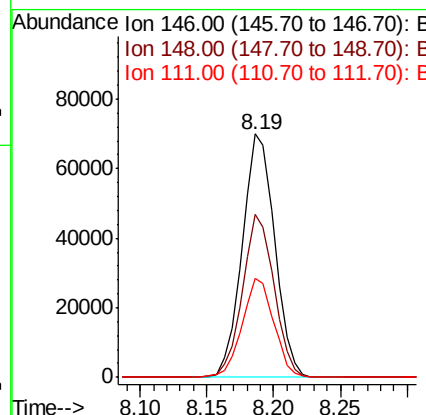
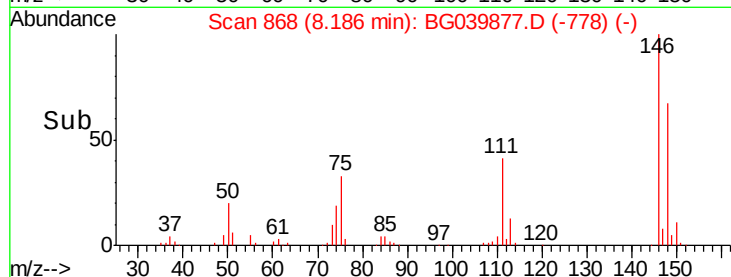
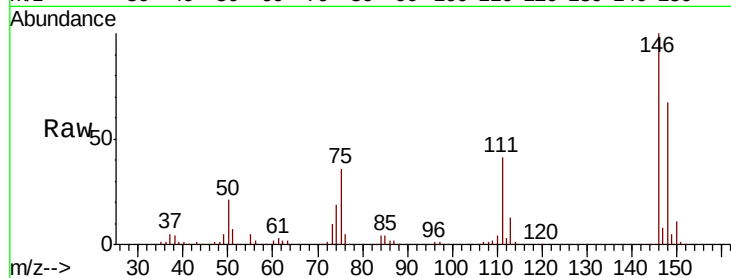
#13
 1,4-Dichlorobenzene
 Concen: 39.735 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.1	76.7
111	40.8	32.6	48.8

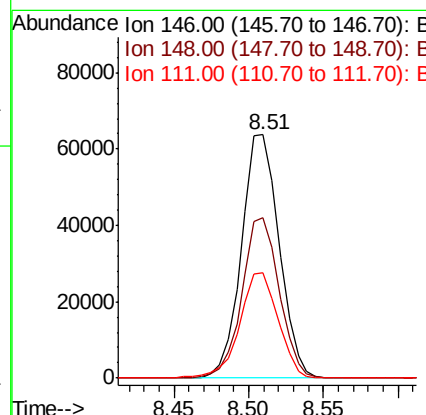
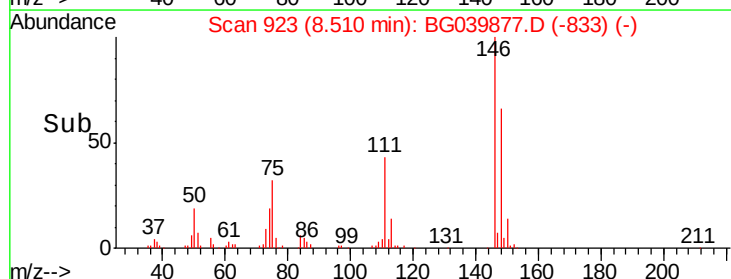
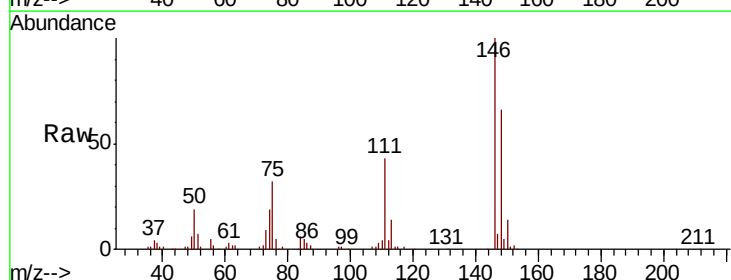
Manual Integrations
 APPROVED

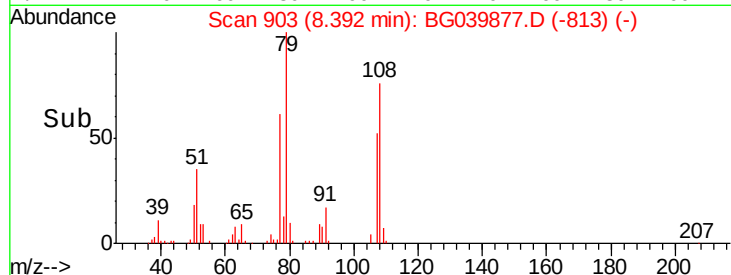
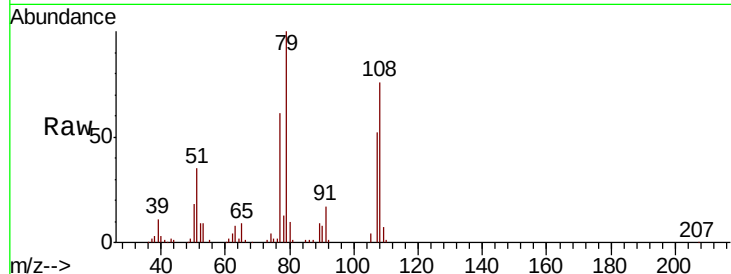
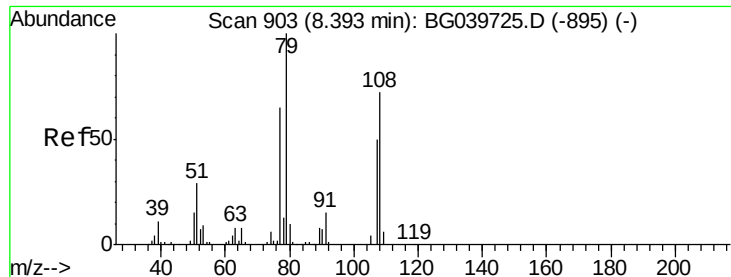
Sohil
 3/13/2019 5:49:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.073 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.5	77.3
111	43.1	33.8	50.6





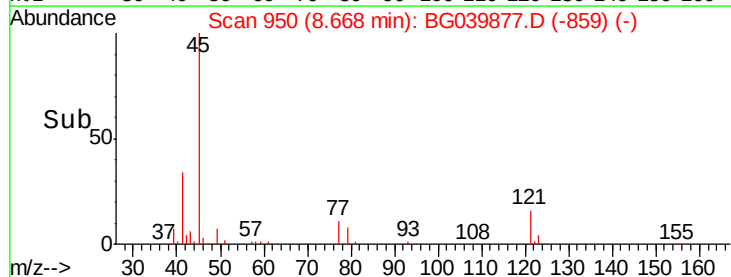
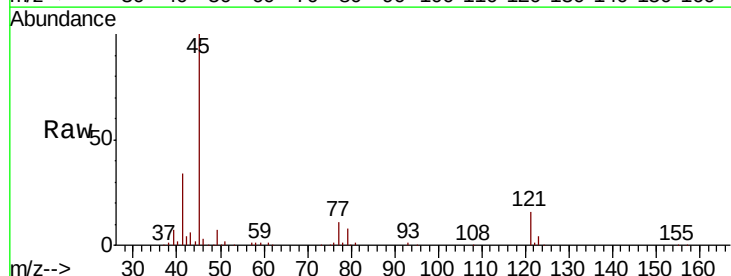
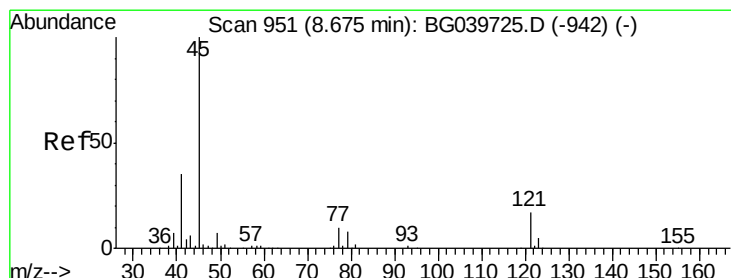
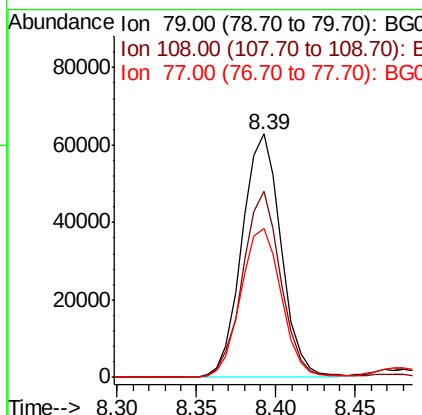
#15
Benzyl Alcohol
Concen: 42.983 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	57.8	86.6
77	61.0	51.1	76.7

Instrument :
BNA_G
ClientSampleId :
PB117829BS

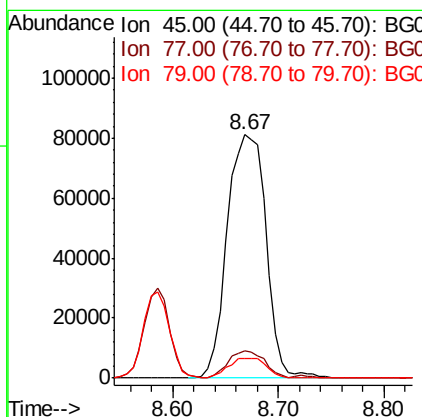
Manual Integrations
APPROVED

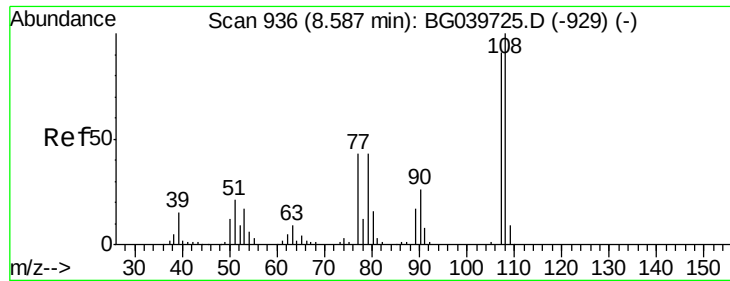
Sohil
3/13/2019 5:49:27 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.779 ng
RT: 8.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	30.0
79	8.1	0.0	27.5





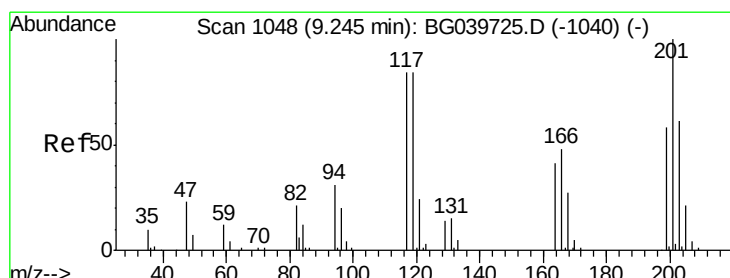
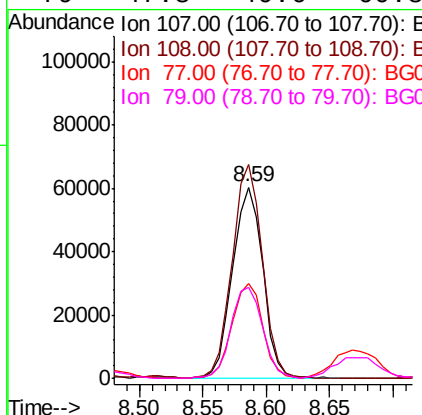
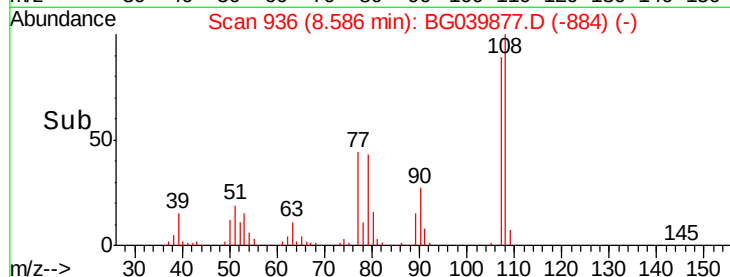
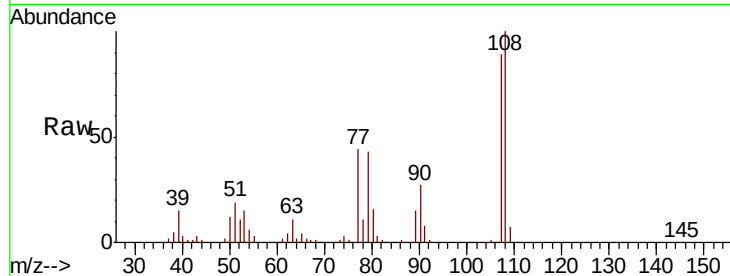
#17
2-Methylphenol
Concen: 45.756 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampled :
PB117829BS

Tot Ion:	107	Resp:	99609
Ion Ratio	Lower	Upper	
107	100		
108	111.9	90.8	136.2
77	49.6	40.7	61.1
79	47.8	40.6	60.8

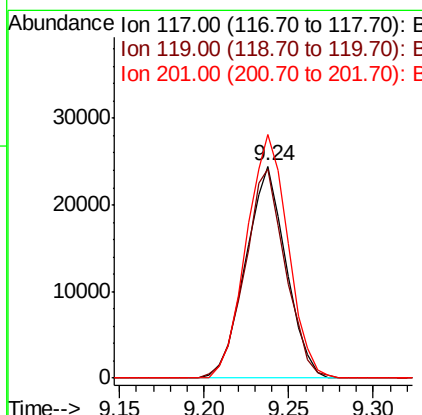
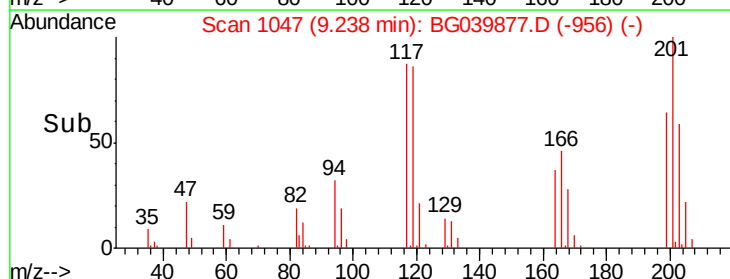
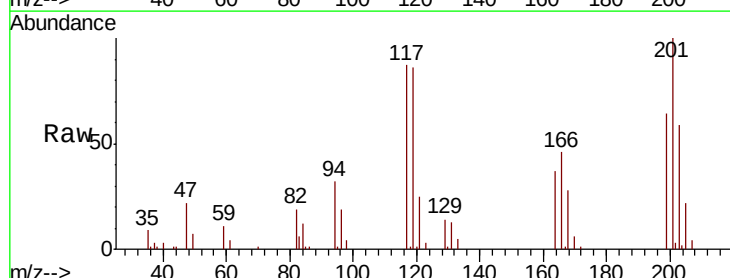
Manual Integrations
APPROVED

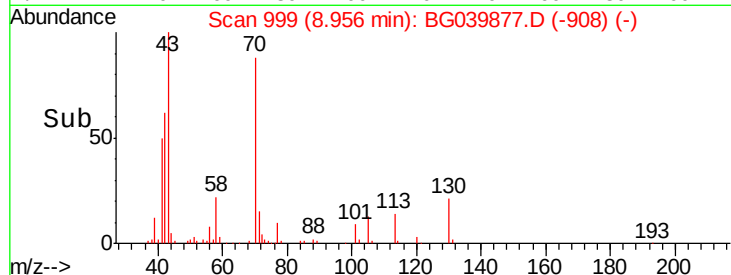
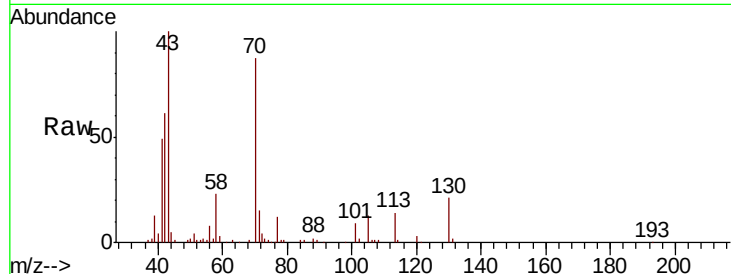
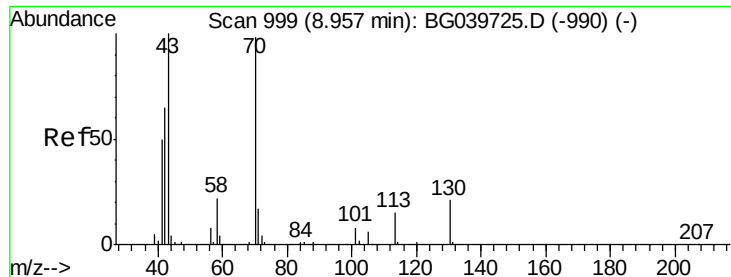
Sohil
3/13/2019 5:49:27 PM



#18
Hexachloroethane
Concen: 38.389 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion:	117	Resp:	40689
Ion Ratio	Lower	Upper	
117	100		
119	98.5	76.3	114.5
201	114.9	91.1	136.7





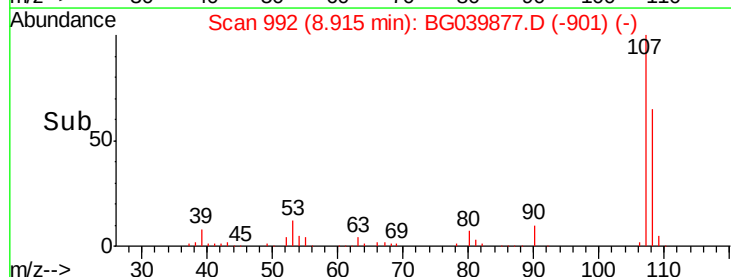
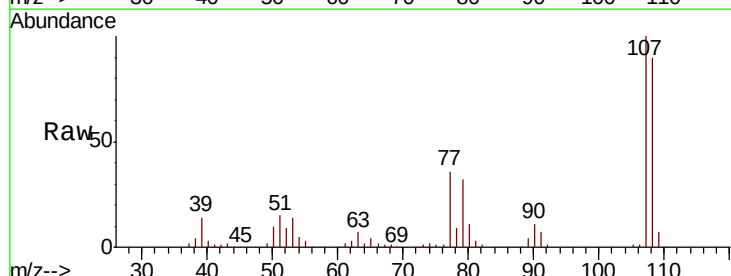
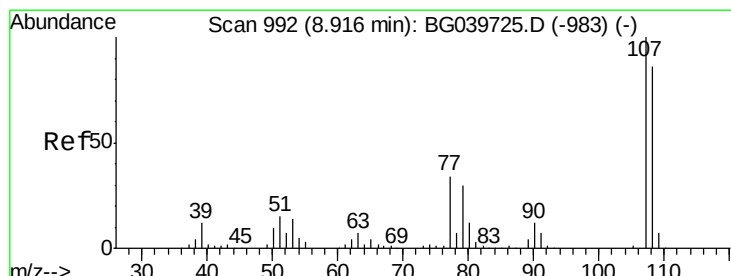
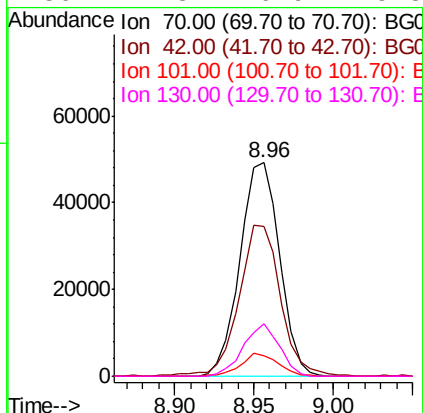
#19
n-Nitroso-di-n-propylamine
Concen: 37.810 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Manual Integrations
APPROVED

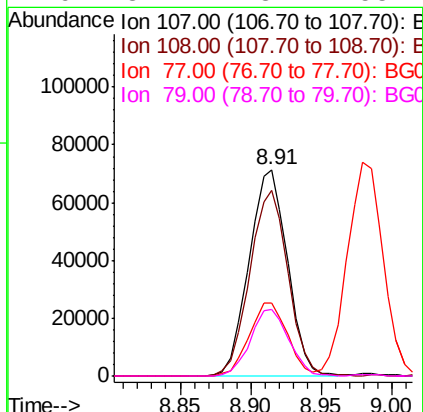
Sohil
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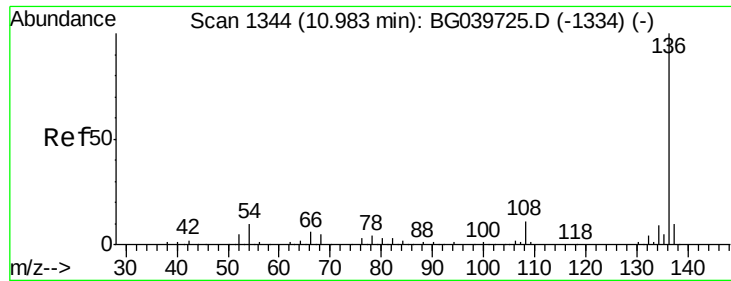
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.1	60.4	90.6	
101	9.8	7.5	11.3	
130	24.3	16.9	25.3	



#20
3+4-Methylphenols
Concen: 45.015 ng
RT: 8.91 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	67.9	107.9	
77	35.5	15.4	55.4	
79	32.2	13.7	53.7	





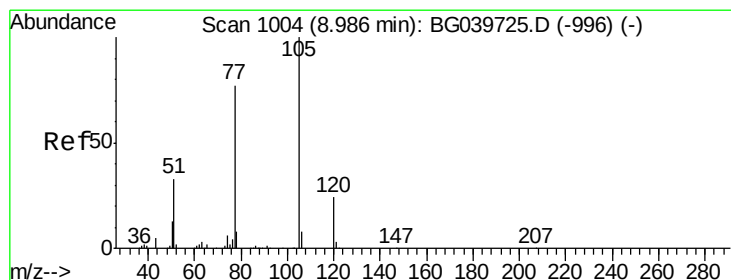
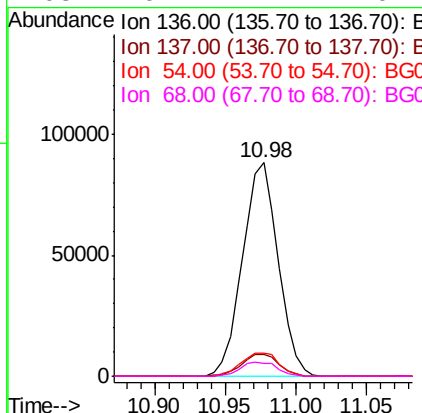
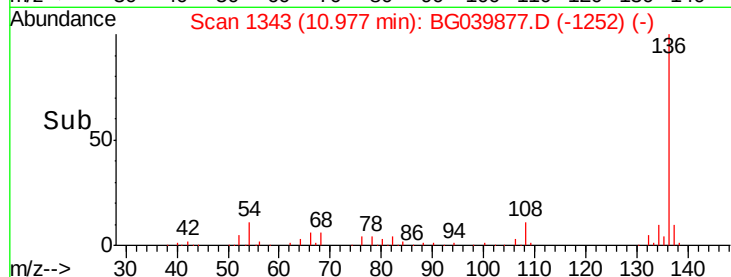
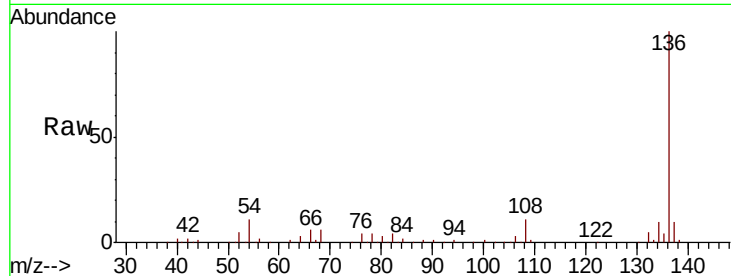
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampled :
PB117829BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	156288		
137	10.1		9.1	13.7
54	10.5		9.4	14.2
68	6.2		4.2	6.4

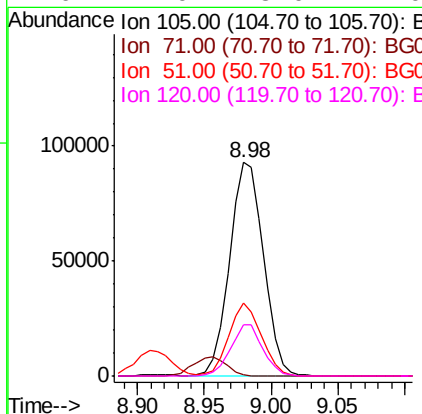
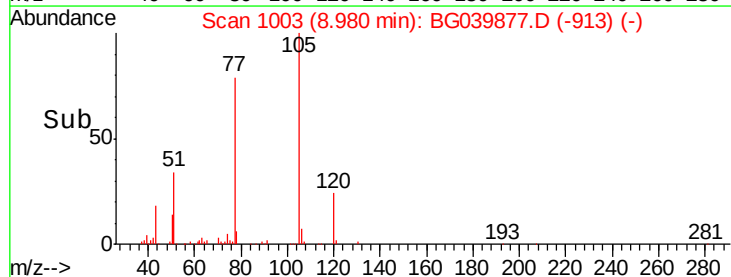
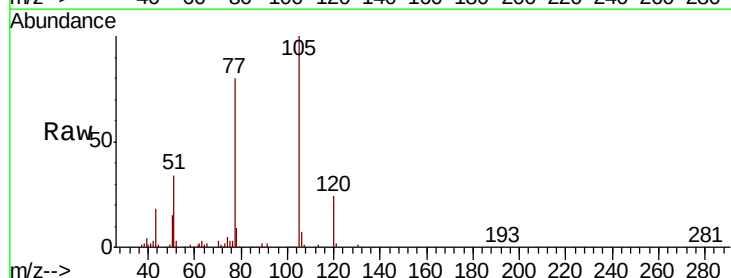
Manual Integrations
APPROVED

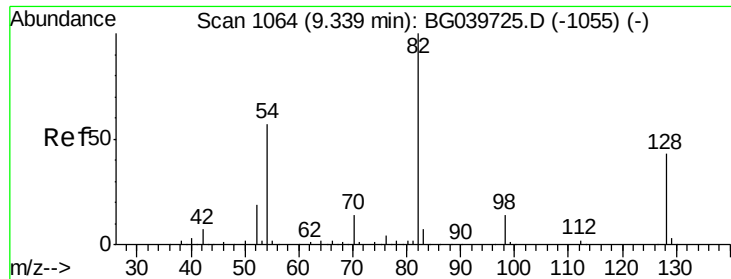
Sohil
3/13/2019 5:49:27 PM



#22
Acetophenone
Concen: 39.195 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	164411		
71	0.5		0.8	1.2#
51	34.3		30.2	45.2
120	24.0		18.0	27.0





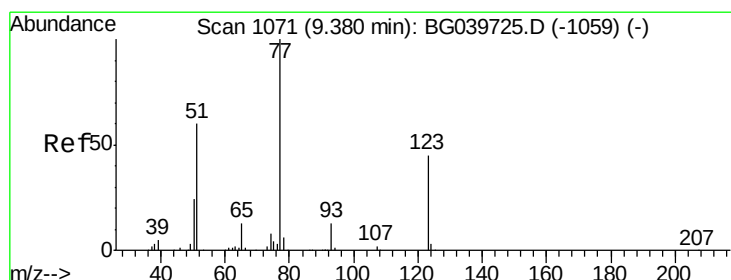
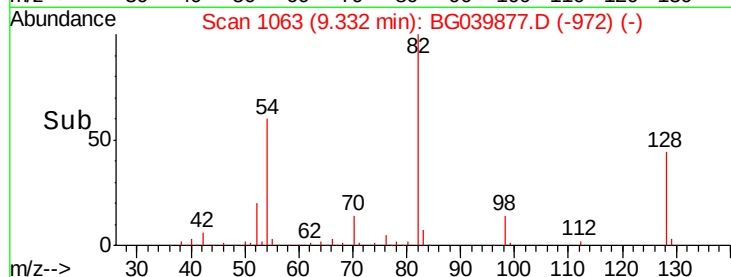
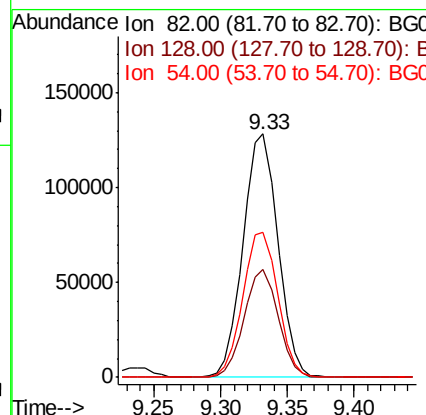
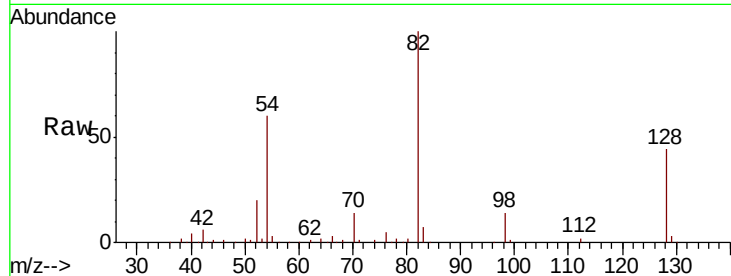
#23
Nitrobenzene-d5
Concen: 80.221 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	231816		
128	44.1	31.3	46.9	
54	59.6	50.9	76.3	

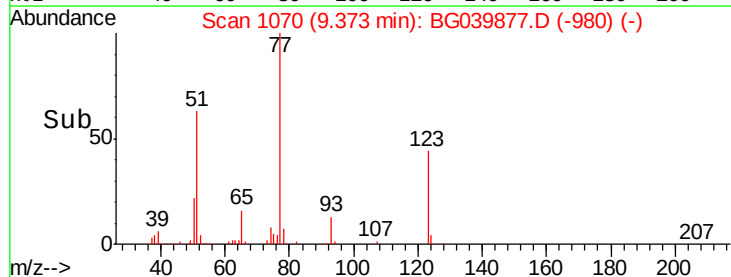
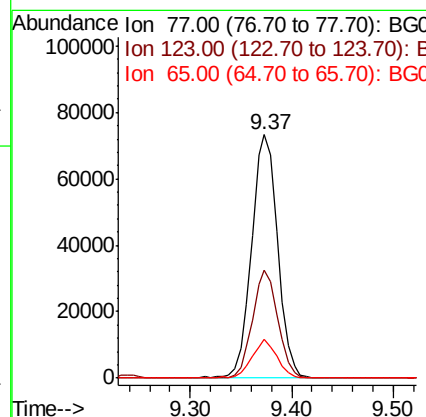
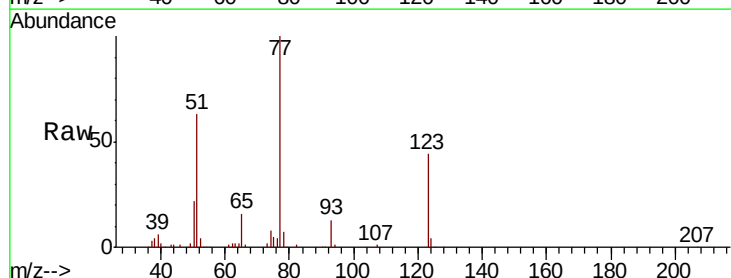
Manual Integrations
APPROVED

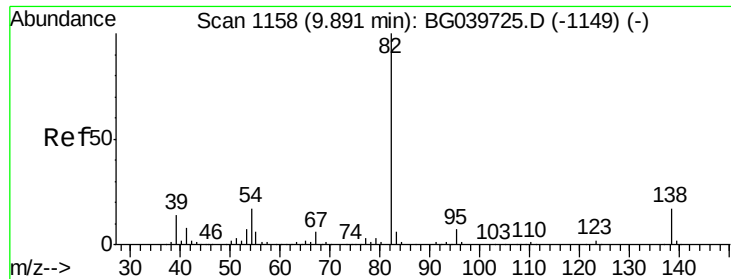
Sohil
3/13/2019 5:49:27 PM



#24
Nitrobenzene
Concen: 42.956 ng
RT: 9.37 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	130222		
123	44.2	34.1	51.1	
65	16.1	12.3	18.5	





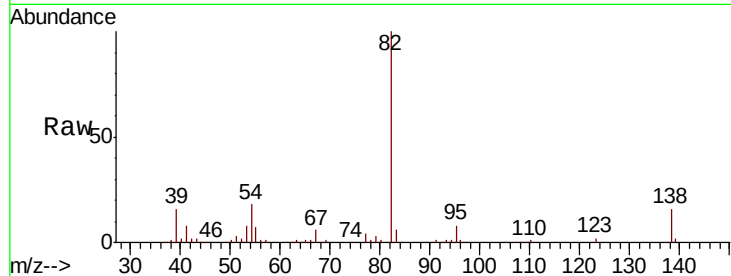
#25
Isophorone
Concen: 40.844 ng
RT: 9.88 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	247307		
95	8.5	6.2	9.2	
138	15.9	13.0	19.4	

Manual Integrations
APPROVED

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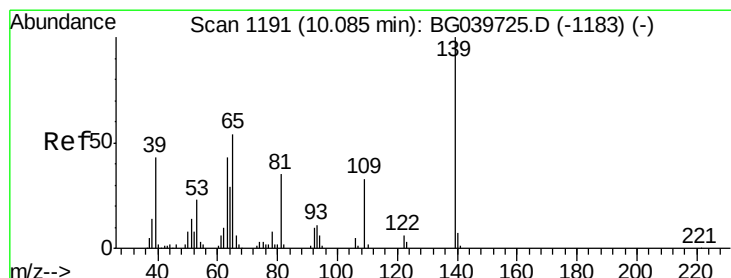
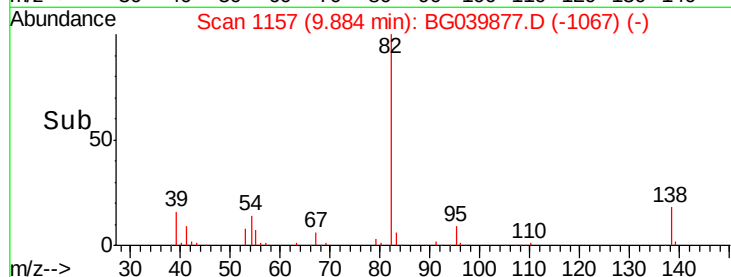
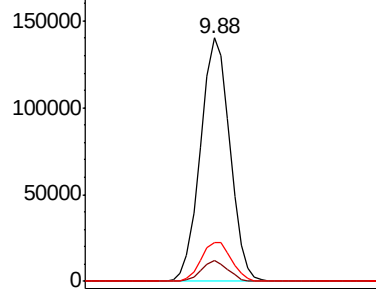


Abundance

Ion 82.00 (81.70 to 82.70): BGC

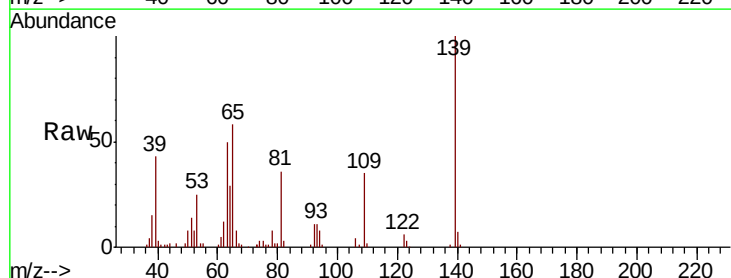
Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26
2-Nitrophenol
Concen: 44.335 ng
RT: 10.08 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	64892		
109	35.1	23.4	35.0#	
65	57.7	44.3	66.5	

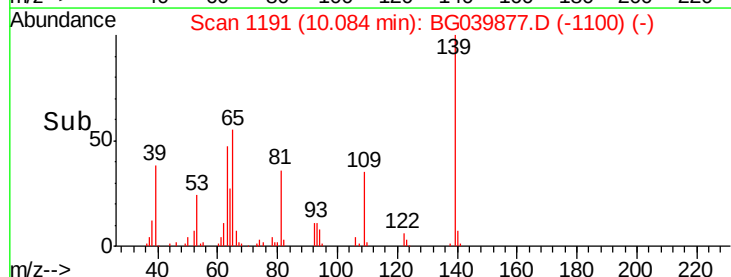
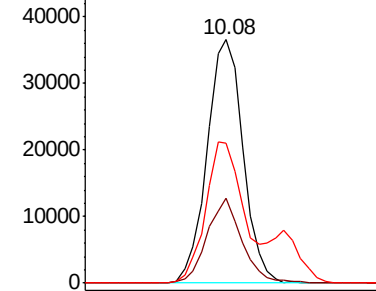


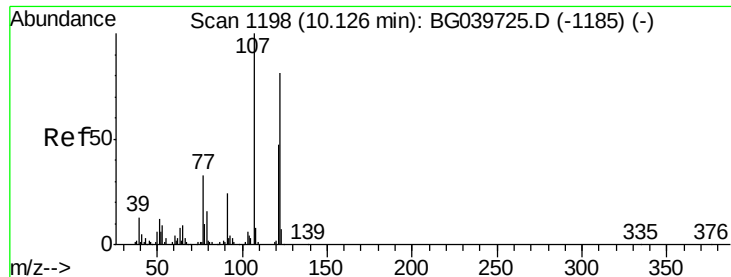
Abundance

Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





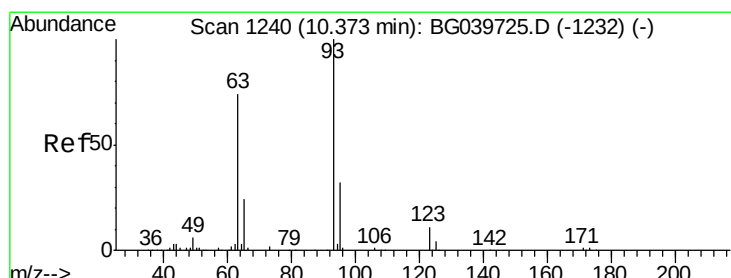
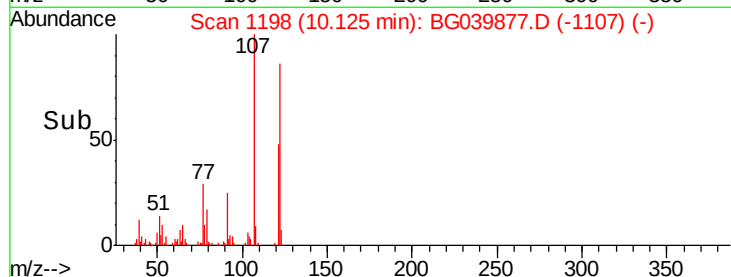
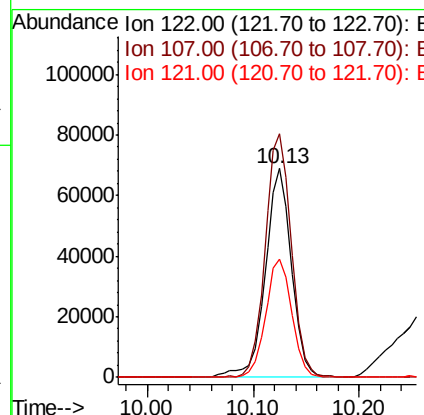
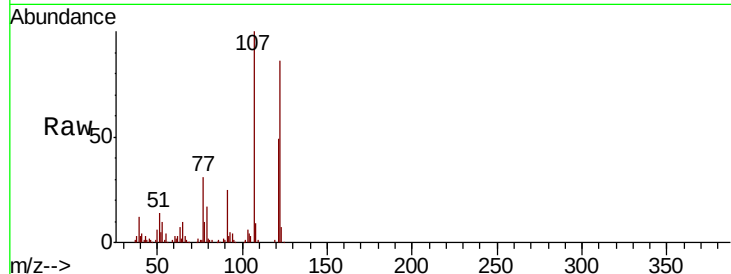
#27
 2,4-Dimethylphenol
 Concen: 52.121 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.8	91.7	137.5
121	56.6	46.4	69.6

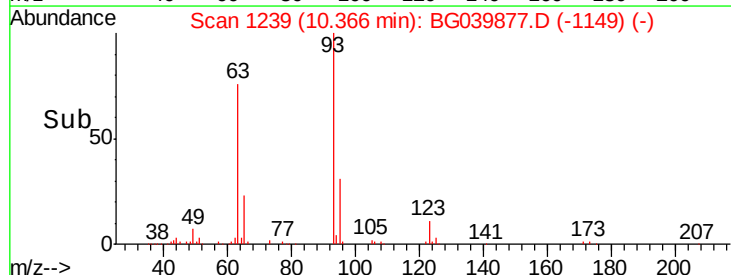
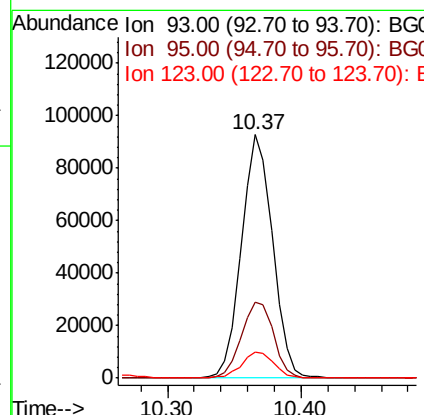
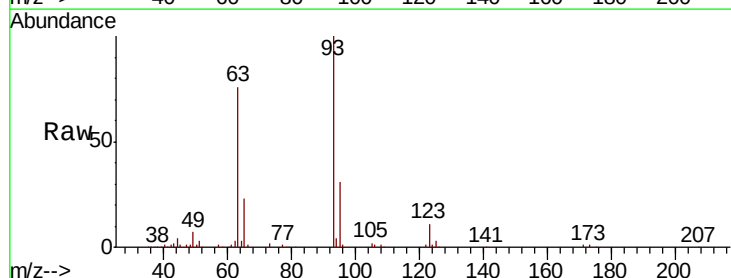
Manual Integrations
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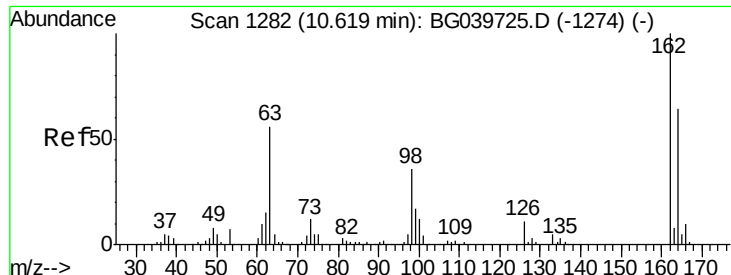
Sohil
 3/13/2019 5:49:27 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.635 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.0	37.4
123	10.8	8.6	12.8





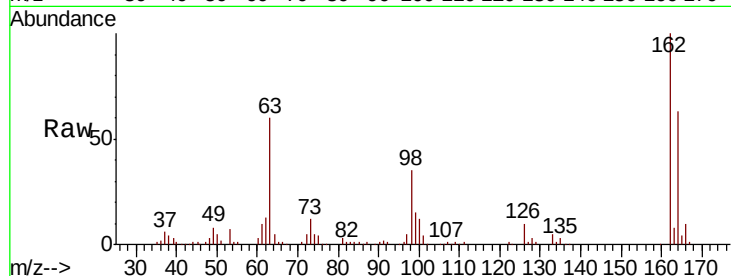
#29
 2,4-Dichlorophenol
 Concen: 48.828 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		125146		
164	63.0	48.1		88.1	
98	35.1	18.1		58.1	

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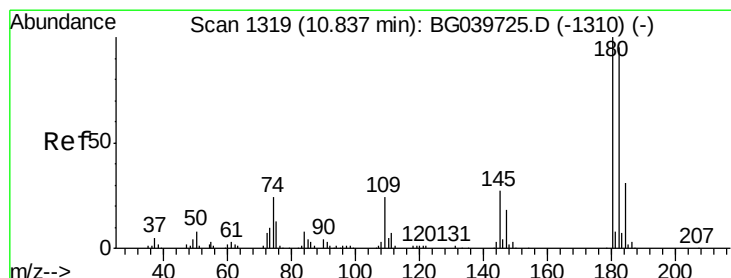
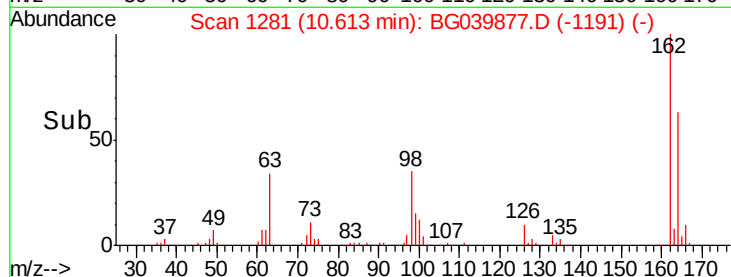
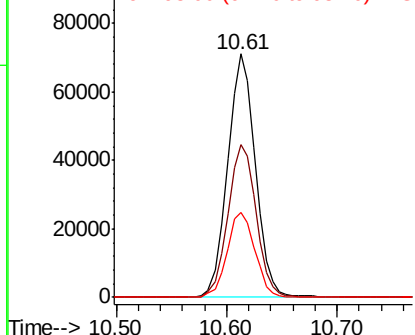


Abundance

Ion 162.00 (161.70 to 162.70): E

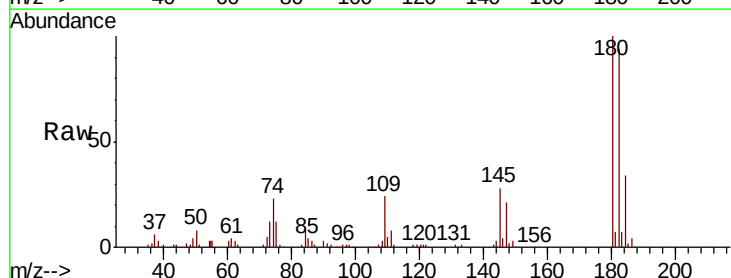
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 41.463 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		119580		
182	94.2	76.0		114.0	
145	28.3	22.7		34.1	

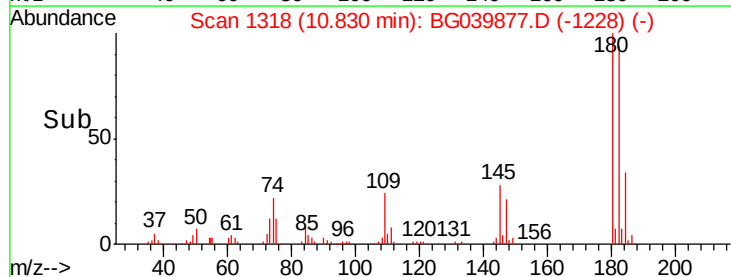
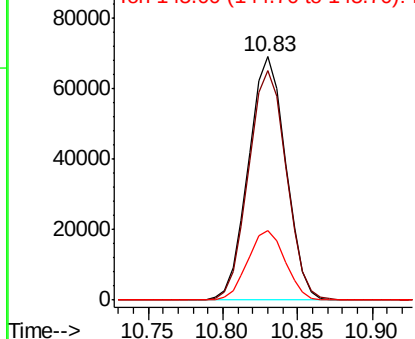


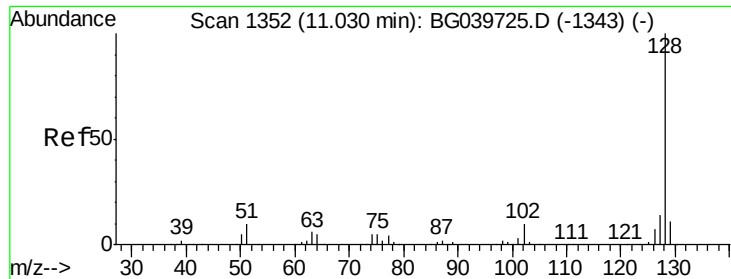
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





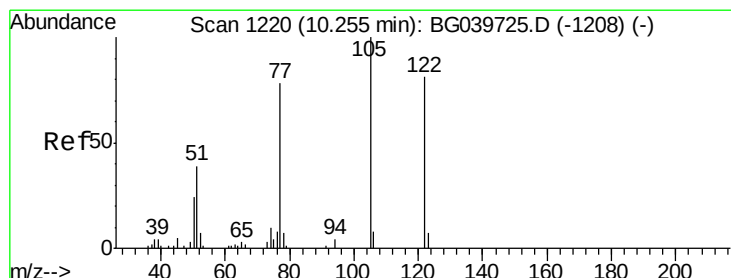
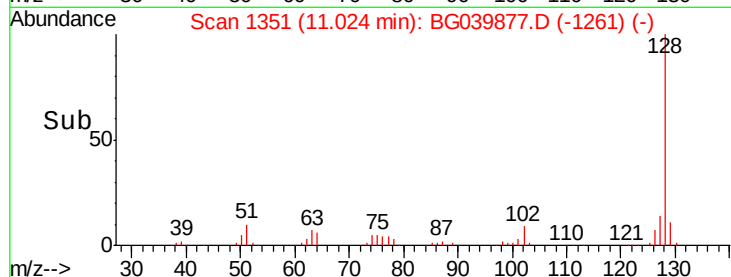
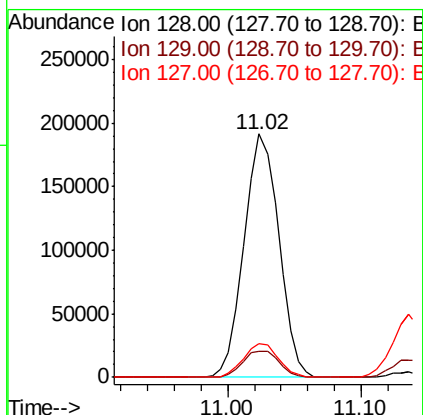
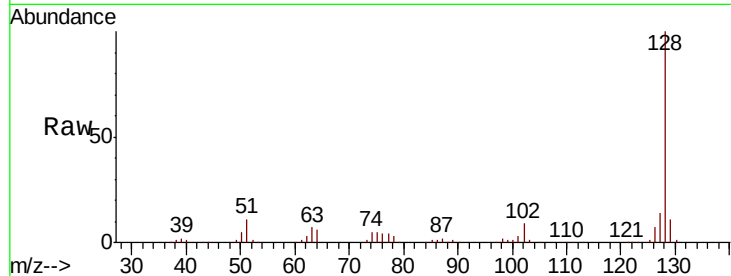
#31
Naphthalene
Concen: 41.706 ng
RT: 11.02 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	14.0	10.8	16.2

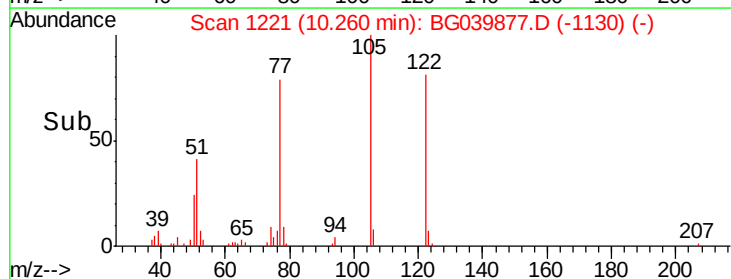
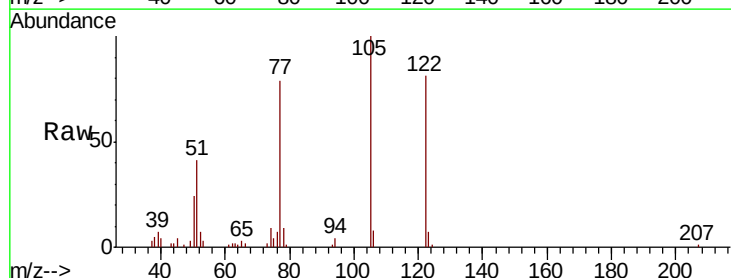
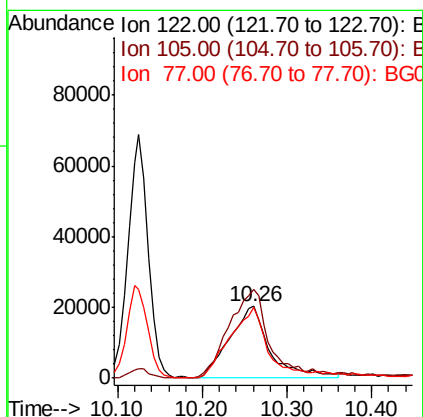
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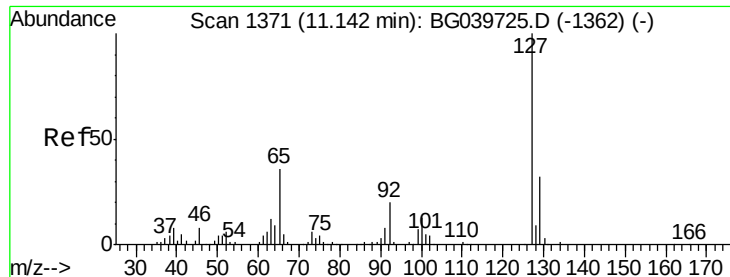
Sohil
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#32
Benzoic acid
Concen: 43.629 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.1	101.8	141.8
77	98.4	76.3	116.3





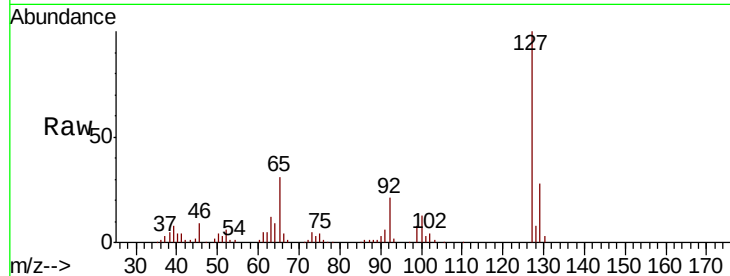
#33
4-Chloroaniline
Concen: 25.195 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

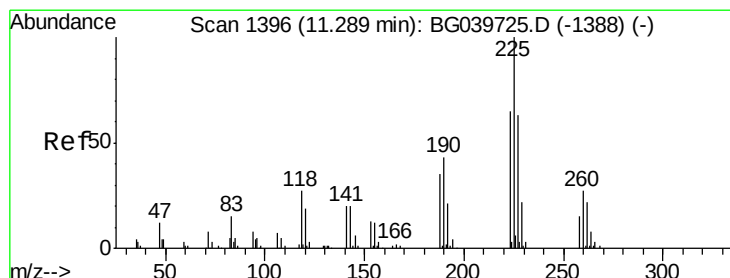
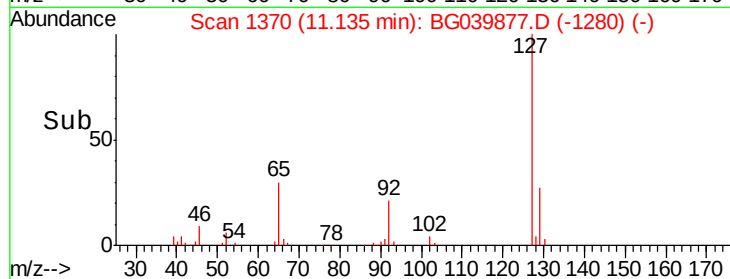
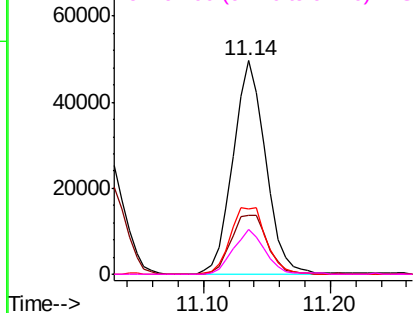
Tot Ion:	127	Resp:	88404
Ion Ratio	Lower	Upper	
127	100		
129	27.6	27.0	40.4
65	30.7	28.8	43.2
92	21.2	16.6	25.0

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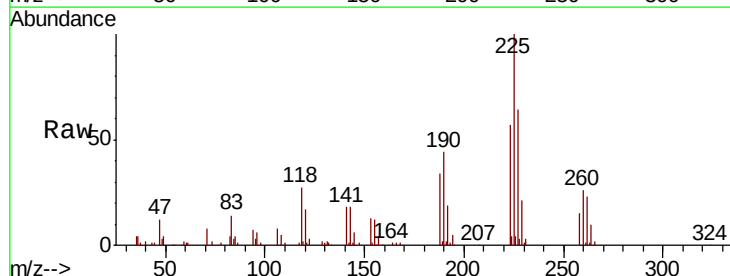


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

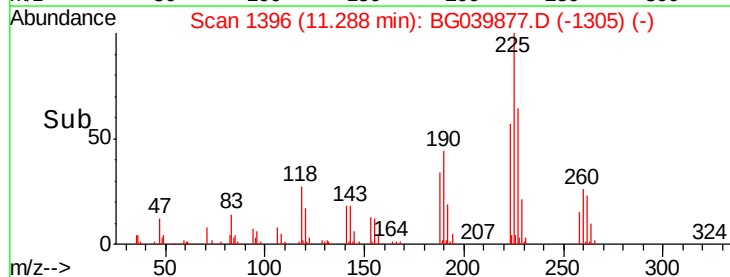
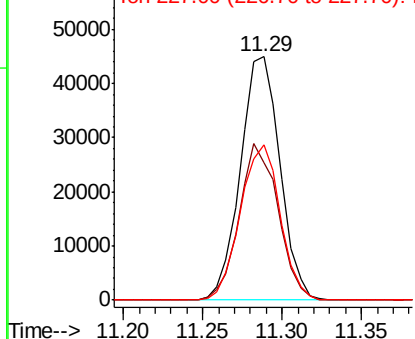


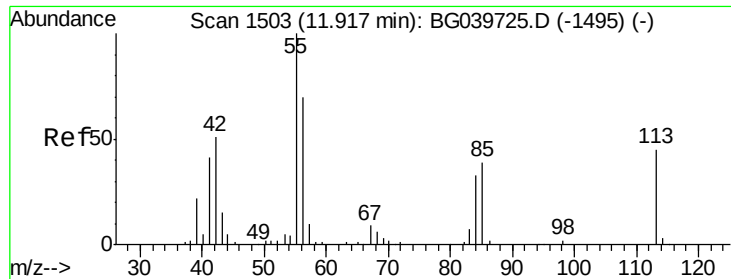
#34
Hexachlorobutadiene
Concen: 39.582 ng
RT: 11.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion:	225	Resp:	78009
Ion Ratio	Lower	Upper	
225	100		
223	56.6	49.0	73.6
227	64.0	46.3	69.5



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





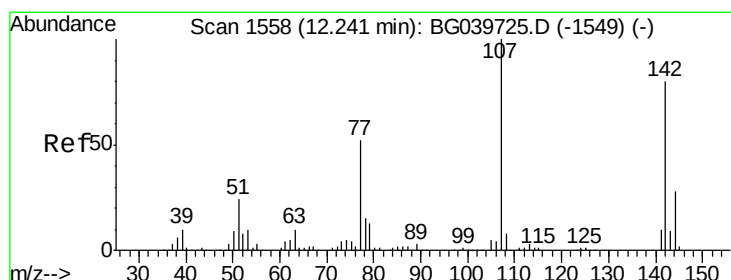
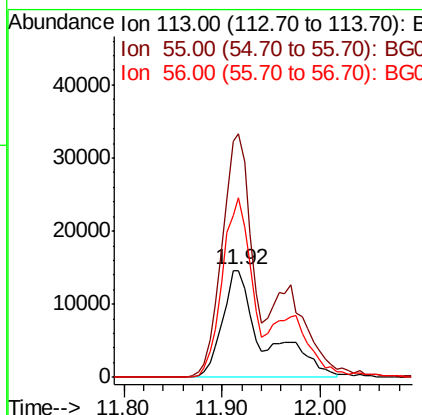
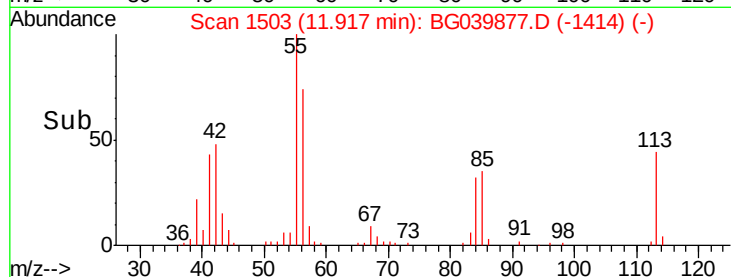
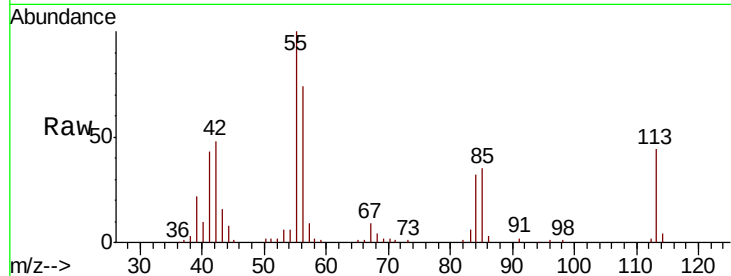
#35
 Caprolactam
 Concen: 44.119 ng/ml
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampleID :
 PB117829BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	227.6	216.9	256.9
56	168.0	152.6	192.6

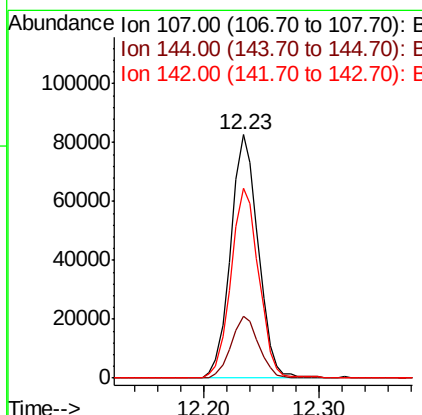
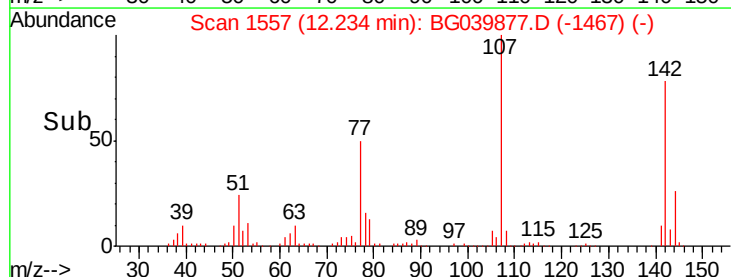
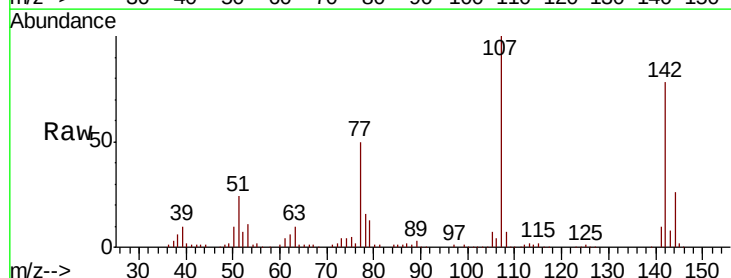
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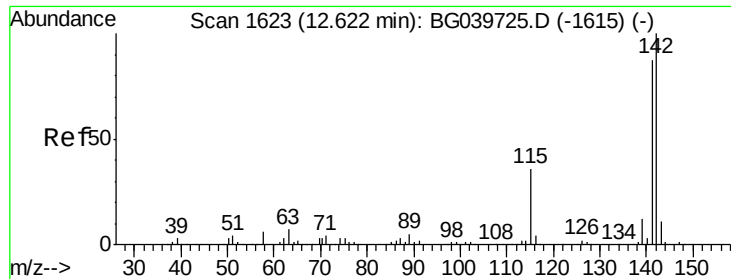
Sohil
 3/13/2019 5:49:27 PM



#36
 4-Chloro-3-methylphenol
 Concen: 46.575 ng/ml
 RT: 12.23 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.2	30.2
142	78.2	61.4	92.2





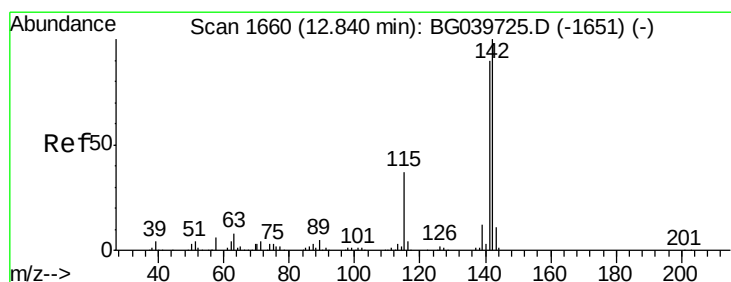
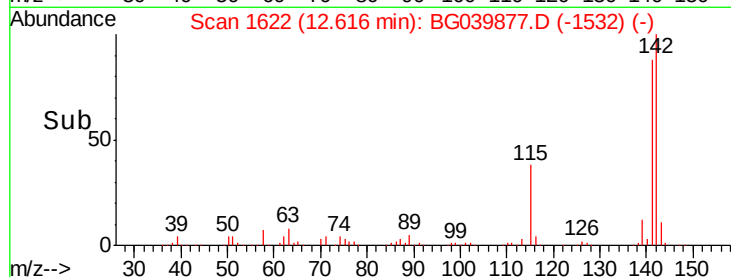
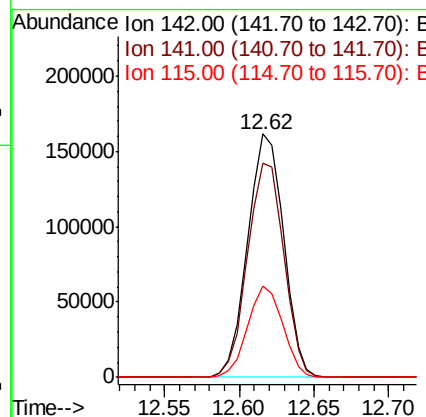
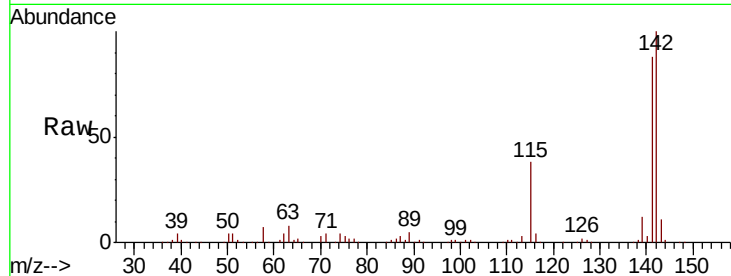
#37
2-Methylnaphthalene
Concen: 43.415 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.5	110.3
115	37.7	30.8	46.2

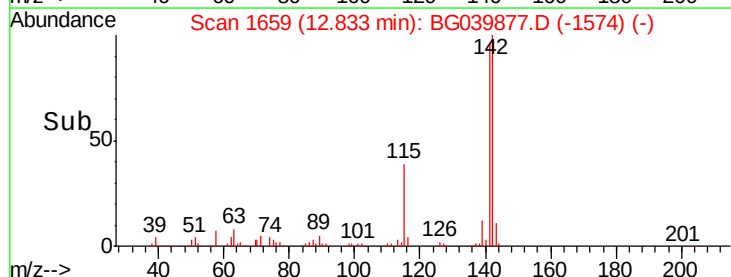
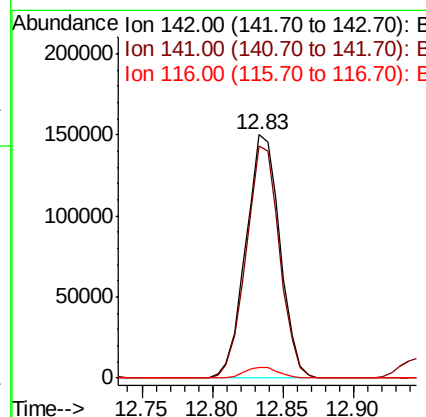
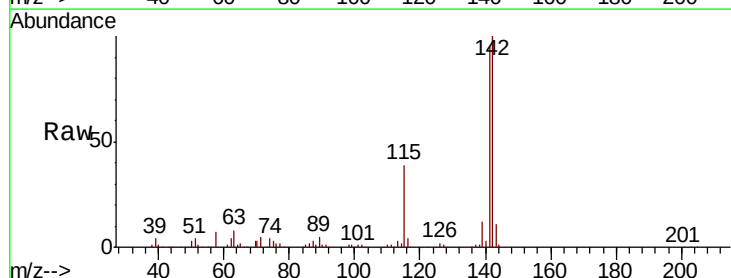
Manual Integrations
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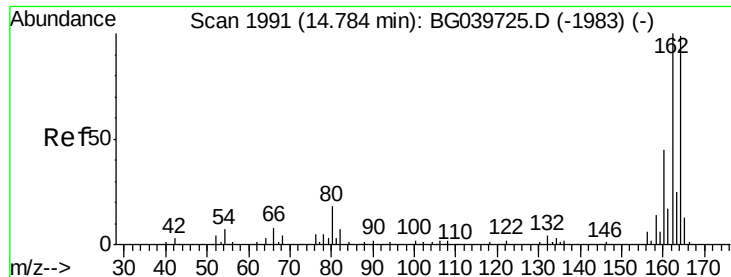
Sohil
3/13/2019 5:49:27 PM



#38
1-Methylnaphthalene
Concen: 42.270 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	74.2	111.4
116	4.3	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

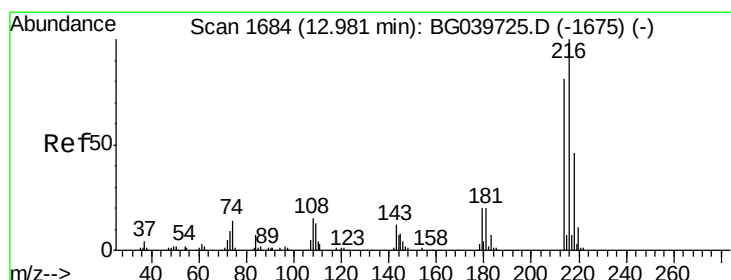
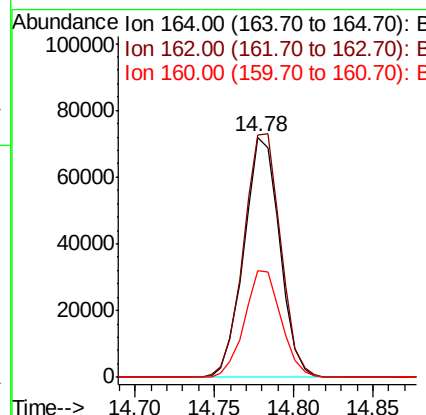
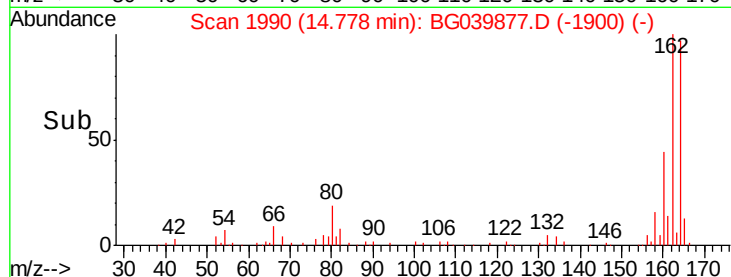
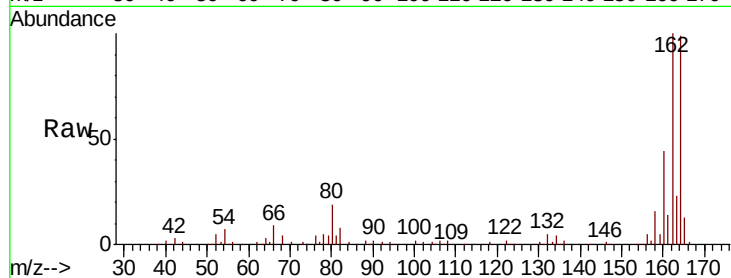
ClientSampleId :

PB117829BS

Tot Ion:	164	Resp:	112344
Ion Ratio	Lower	Upper	
164	100		
162	101.0	81.6	122.4
160	44.5	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.544 ng

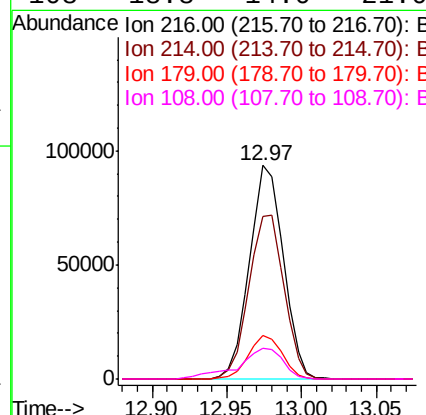
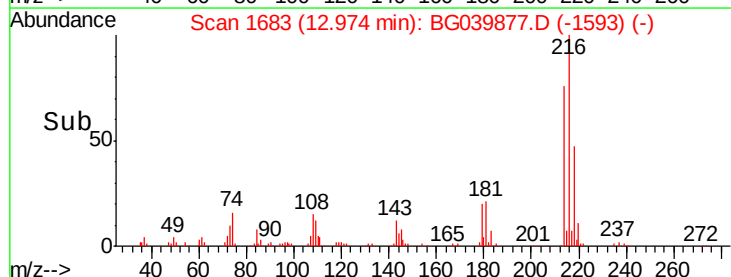
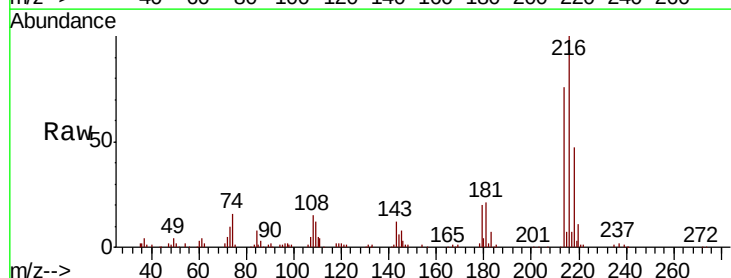
RT: 12.97 min Scan# 1683

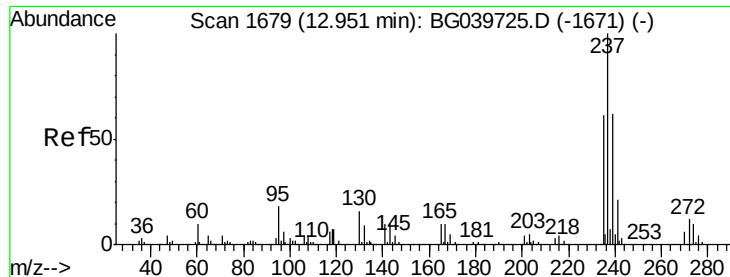
Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Tgt Ion:	216	Resp:	146695
Ion Ratio	Lower	Upper	
216	100		
214	79.8	62.6	94.0
179	20.3	16.6	25.0
108	18.8	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 85.496 ng

RT: 12.94 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

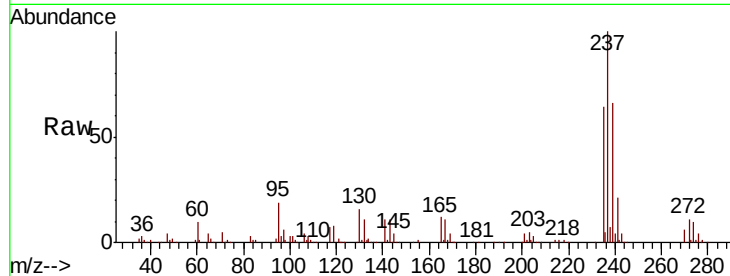
ClientSampleId :

PB117829BS

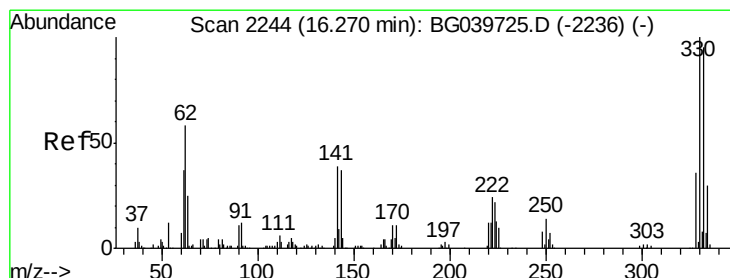
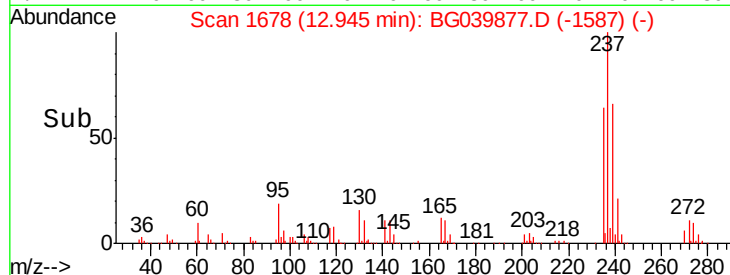
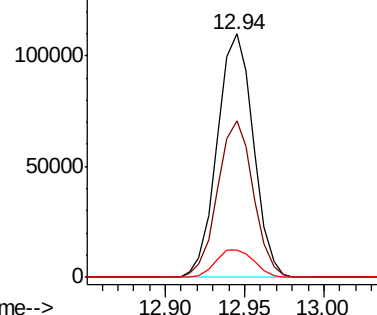
Tot Ion:	237	Resp:	174380
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.3	83.3
272	11.0	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 138.692 ng

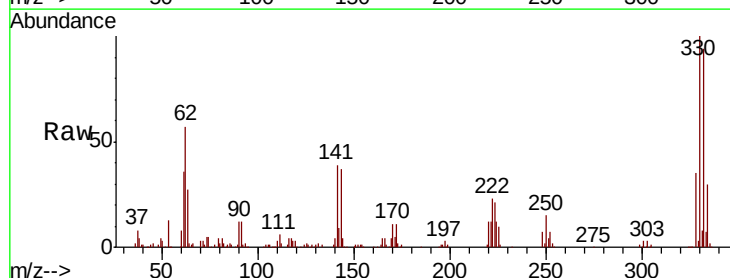
RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

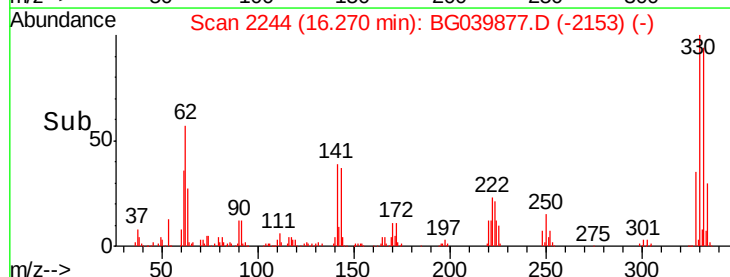
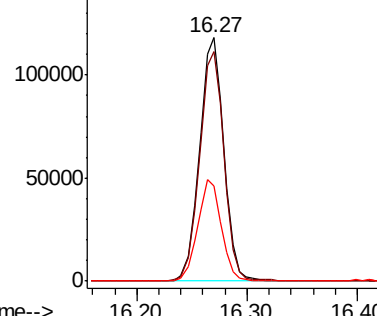
Lab File: BG039877.D

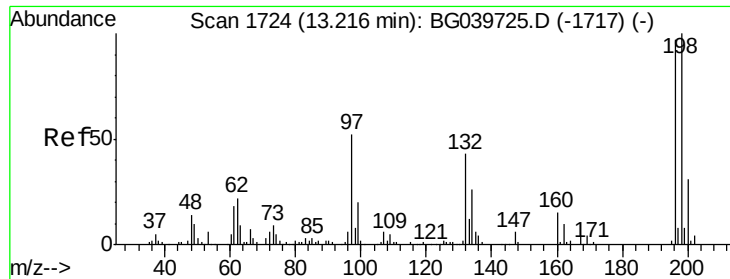
Acq: 12 Mar 2019 16:54

Tgt Ion:	330	Resp:	181611
Ion Ratio	Lower	Upper	
330	100		
332	94.8	75.7	113.5
141	40.7	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





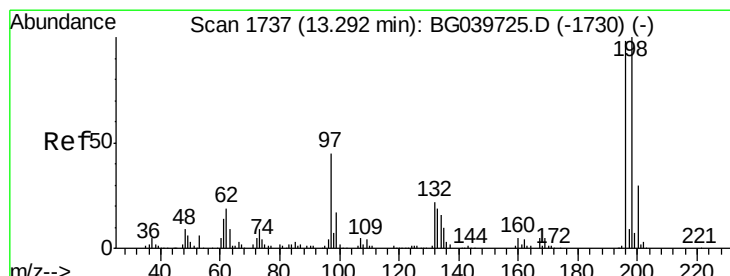
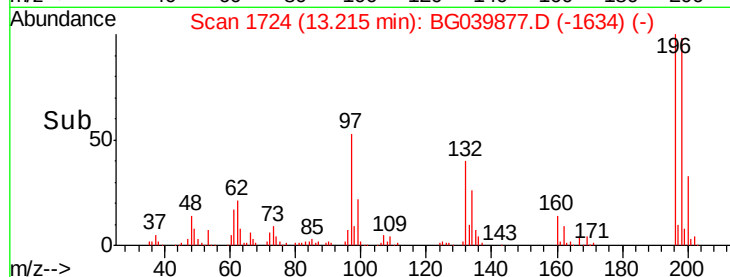
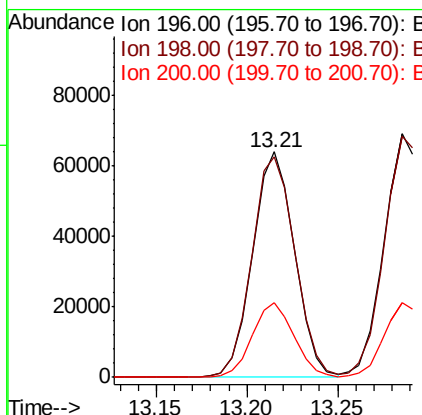
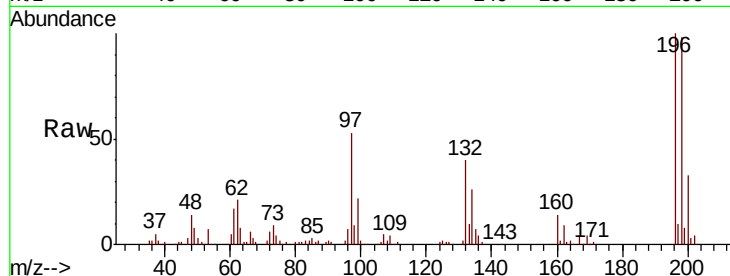
#43
 2,4,6-Trichlorophenol
 Concen: 46.025 ng
 RT: 13.21 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampled :
 PB117829BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	102553		
198	97.6	80.6	121.0	
200	33.4	26.1	39.1	

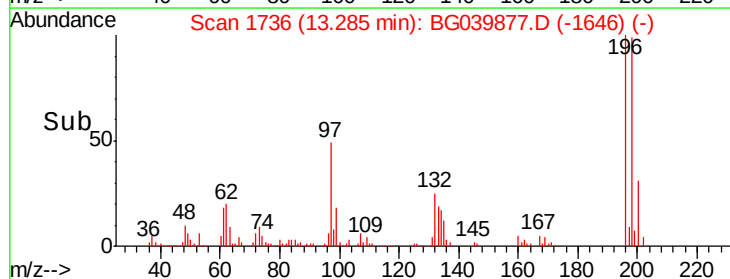
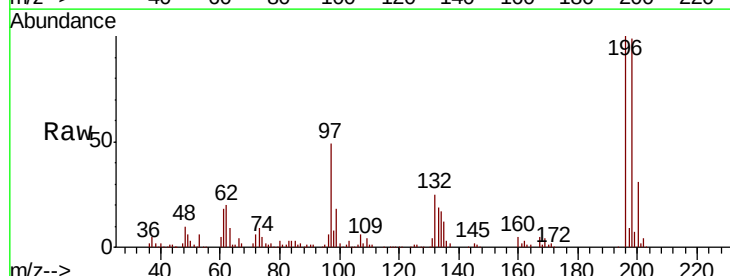
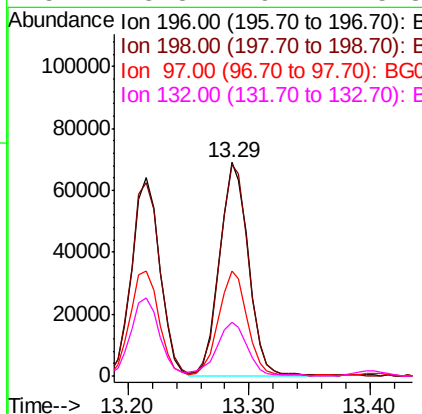
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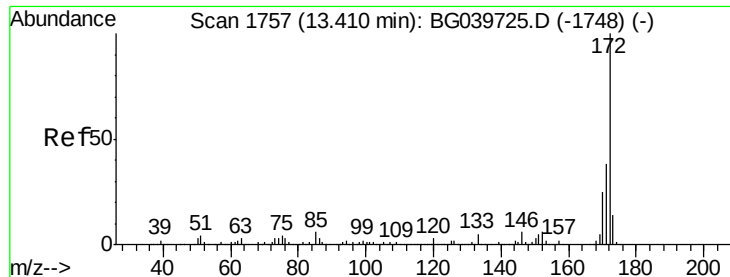
Sohil
 3/13/2019 5:49:27 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.056 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	113161		
198	99.2	78.5	117.7	
97	49.0	38.4	57.6	
132	25.3	19.2	28.8	





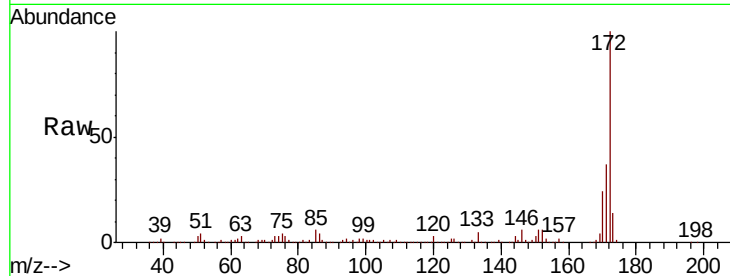
#45
2-Fluorobiphenyl
Concen: 74.248 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.4	20.2	30.4

Manual Integrations
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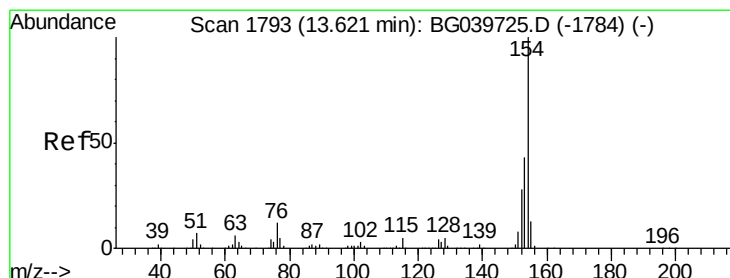
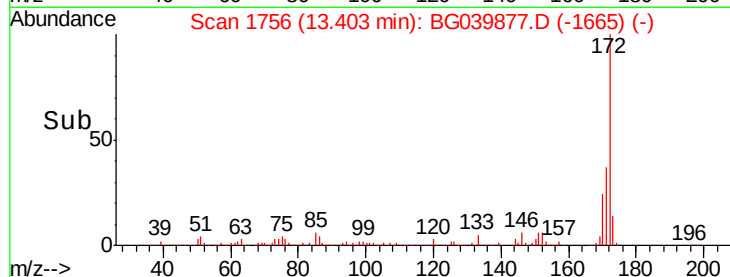
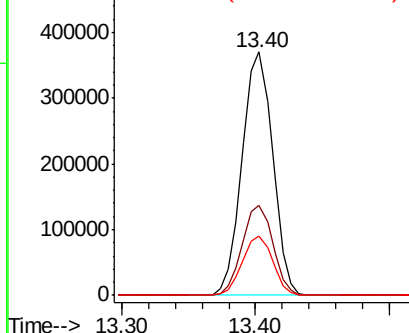


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.317 ng
RT: 13.61 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

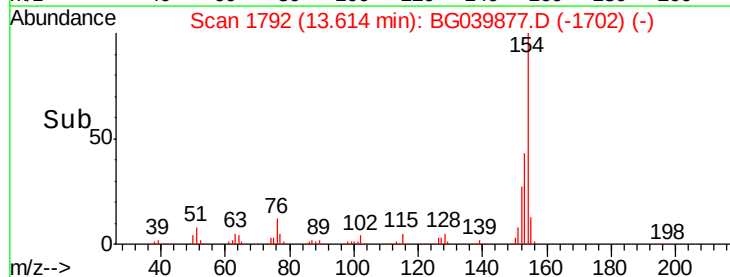
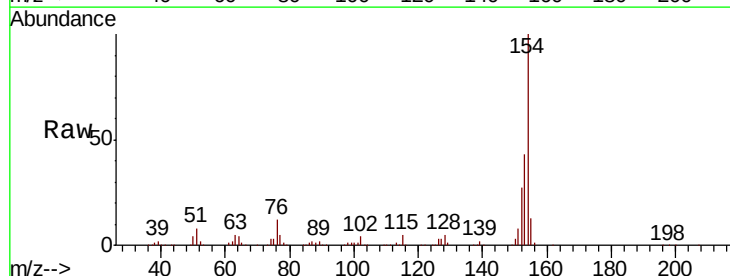
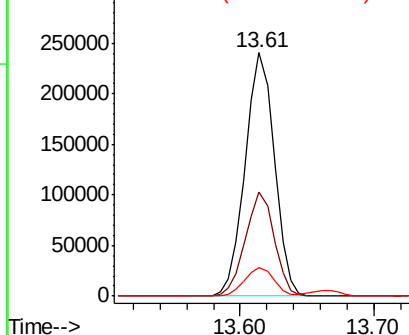
Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	42.8	22.1	62.1
76	11.7	0.0	32.4

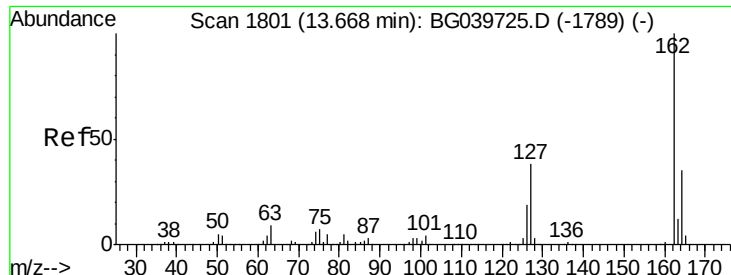
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





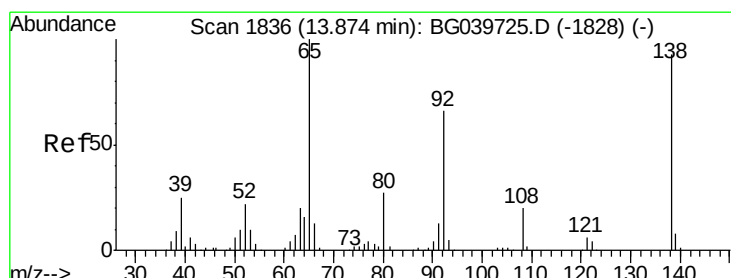
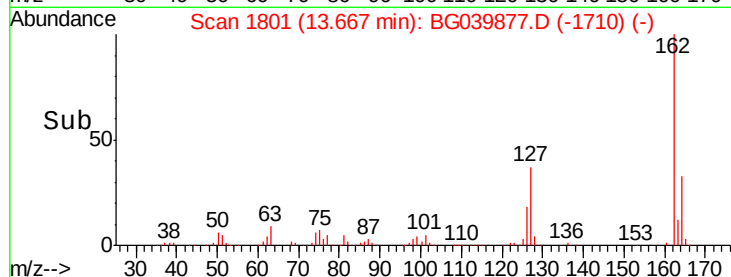
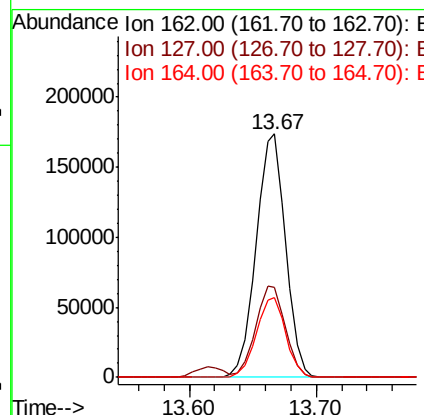
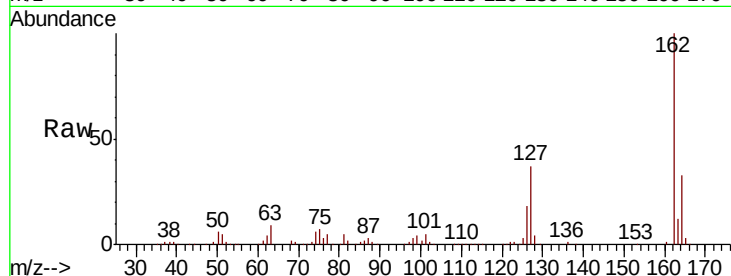
#47
 2-Chloronaphthalene
 Concen: 40.343 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	31.0	46.6
164	32.7	25.7	38.5

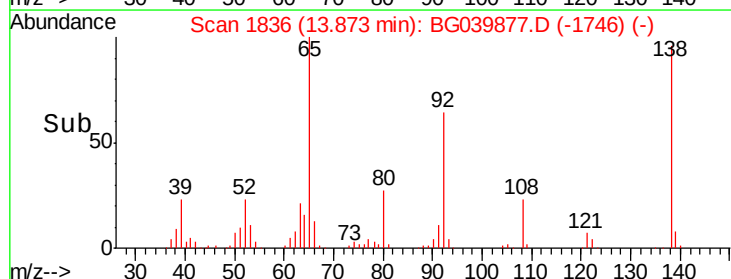
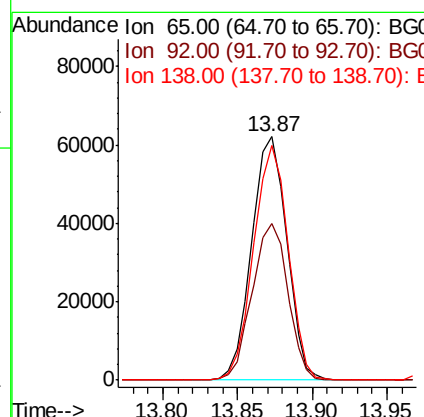
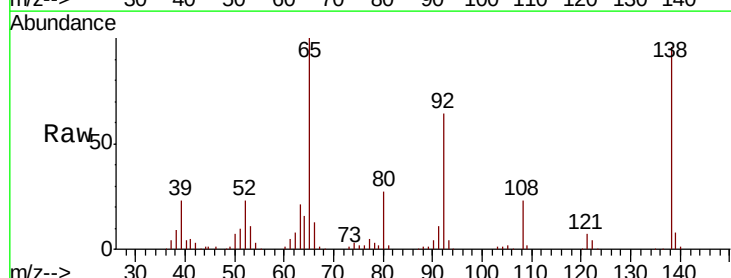
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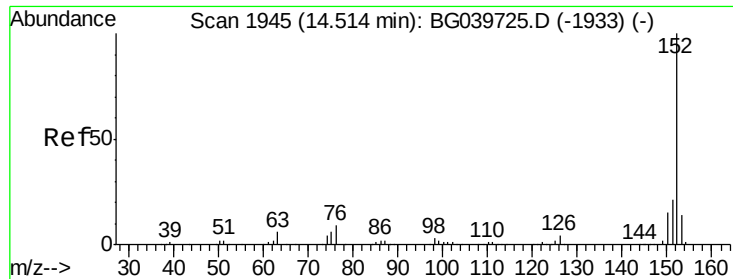
Sohil
 3/13/2019 5:49:27 PM



#48
 2-Nitroaniline
 Concen: 45.269 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	51.4	77.2
138	96.5	71.4	107.2





#49

Acenaphthylene

Concen: 40.356 ng

RT: 14.51 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

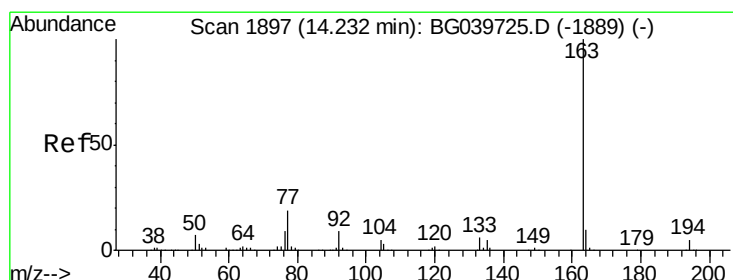
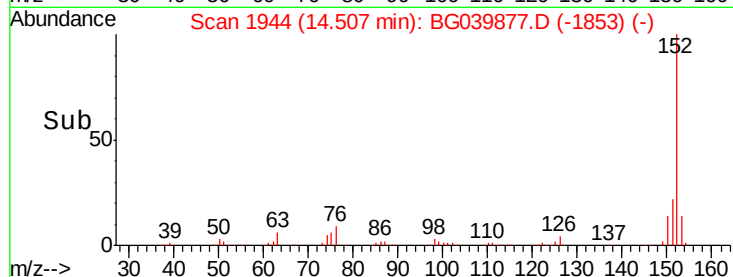
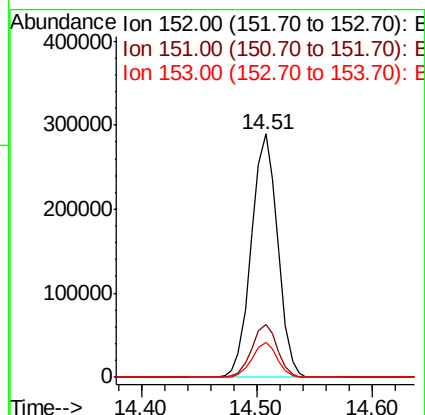
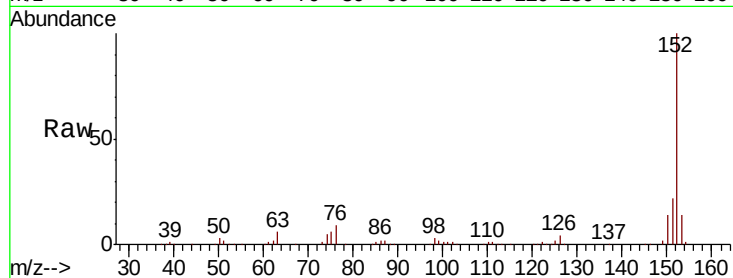
ClientSampleId :

PB117829BS

Tot Ion:	152	Resp:	460514
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.8	25.2
153	14.2	11.7	17.5

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#50

Dimethylphthalate

Concen: 40.366 ng

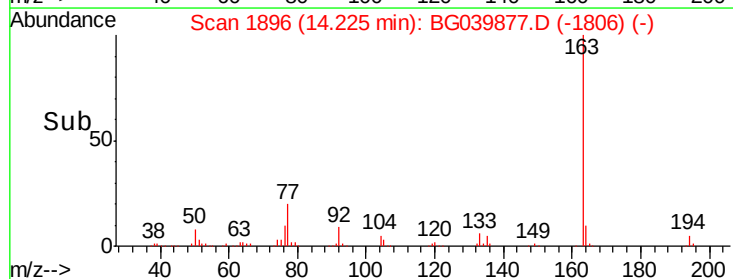
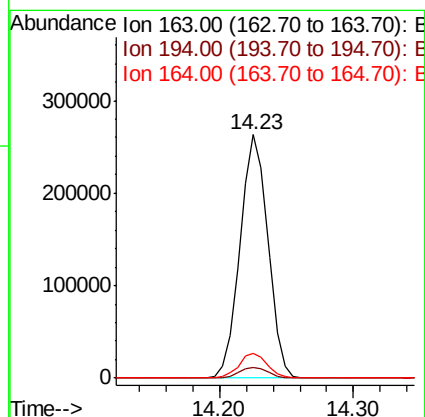
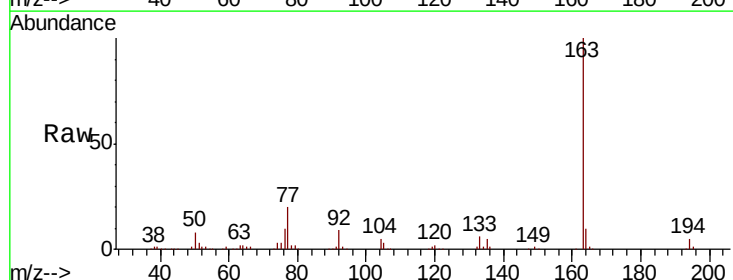
RT: 14.23 min Scan# 1896

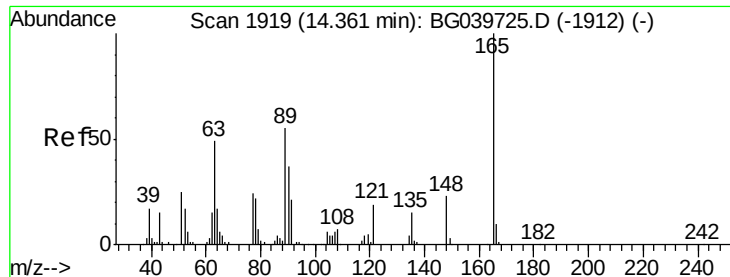
Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Tgt Ion:	163	Resp:	379204
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.0	8.4	12.6





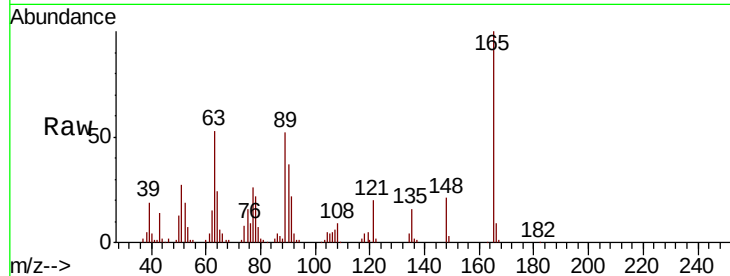
#51
2,6-Dinitrotoluene
Concen: 43.134 ng
RT: 14.36 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampled :
PB117829BS

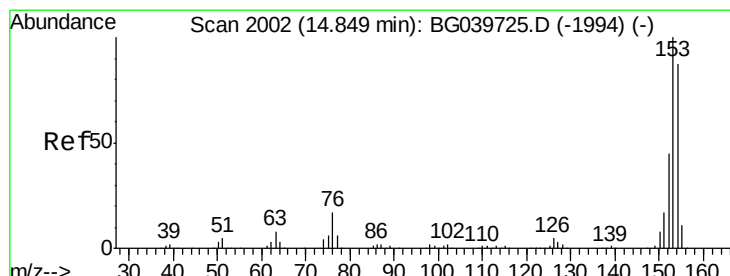
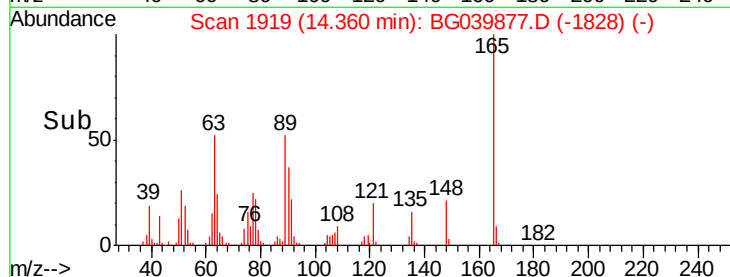
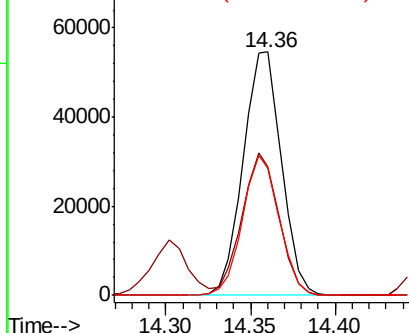
Tot Ion:	165	Resp:	85901
Ion Ratio	Lower	Upper	
165	100		
63	52.6	47.0	70.6
89	52.0	45.8	68.8

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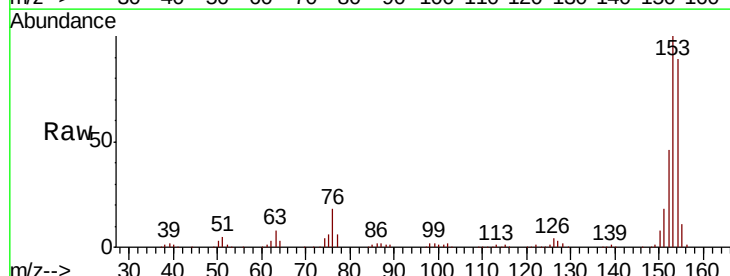


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

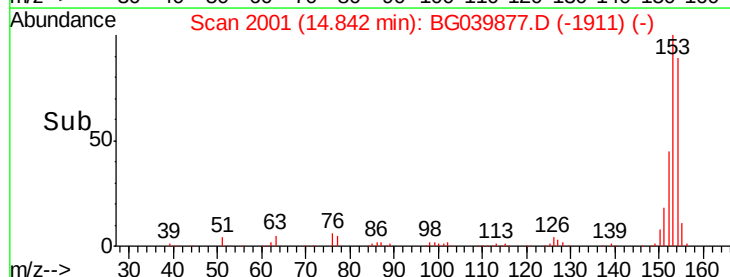
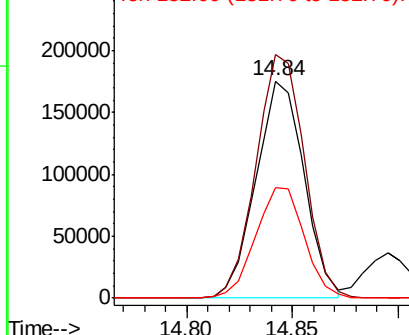


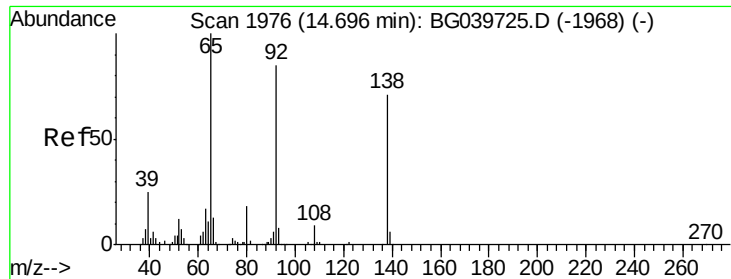
#52
Acenaphthene
Concen: 40.495 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion:	154	Resp:	278128
Ion Ratio	Lower	Upper	
154	100		
153	112.2	90.1	135.1
152	51.1	40.9	61.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





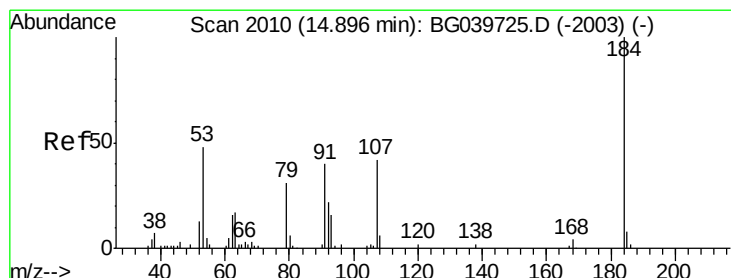
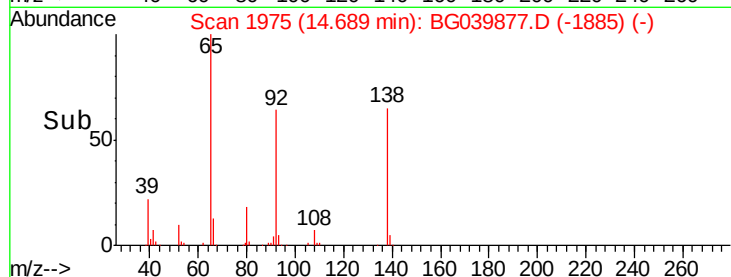
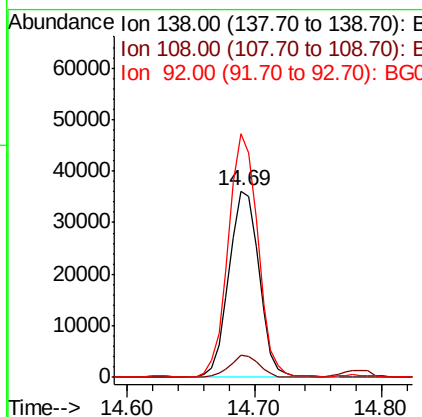
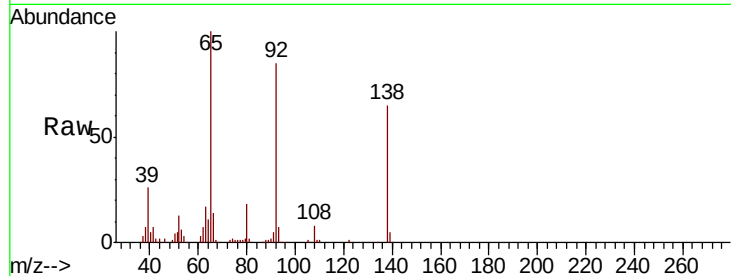
#53
3-Nitroaniline
Concen: 29.622 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion:138 Resp: 59300
Ion Ratio Lower Upper
138 100
108 11.9 13.8 20.8#
92 130.7 103.7 155.5

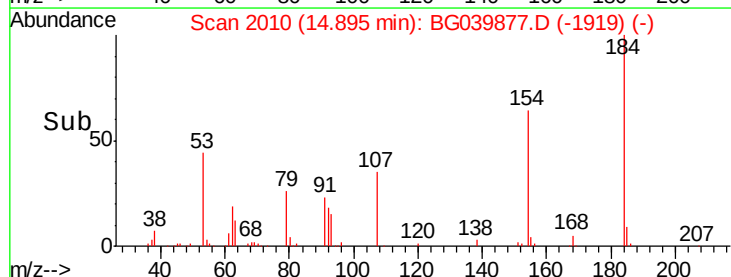
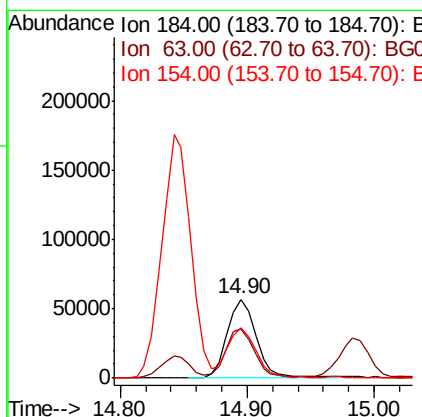
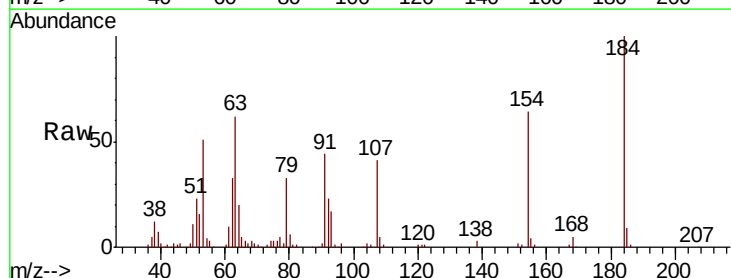
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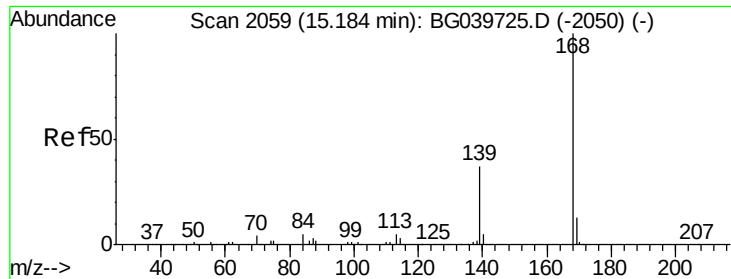
Sohil
3/13/2019 5:49:27 PM



#54
2,4-Dinitrophenol
Concen: 72.821 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion:184 Resp: 90823
Ion Ratio Lower Upper
184 100
63 62.4 50.9 76.3
154 63.9 53.0 79.6





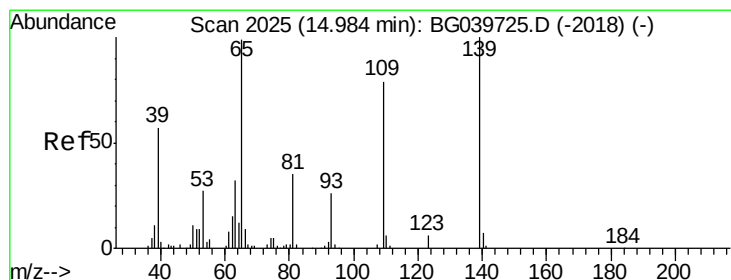
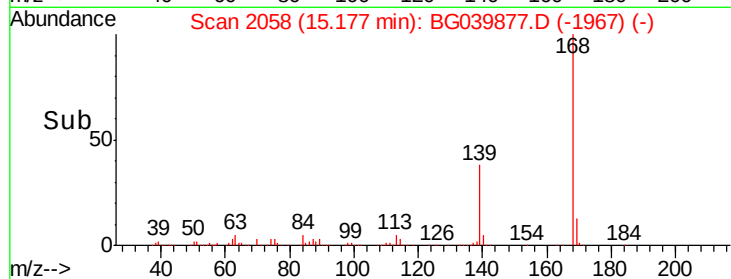
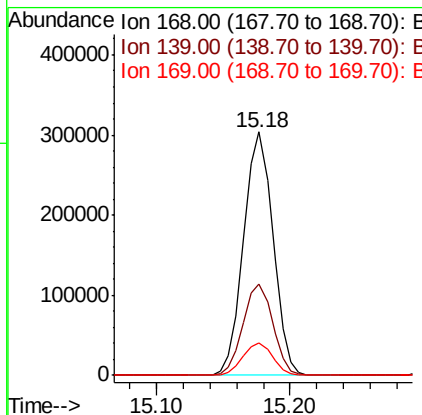
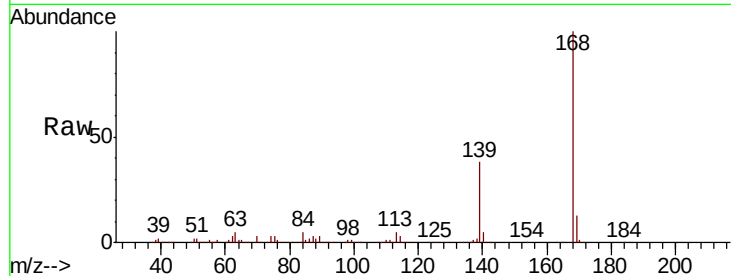
#55
Dibenzenofuran
Concen: 40.956 ng
RT: 15.18 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.4	10.6	16.0

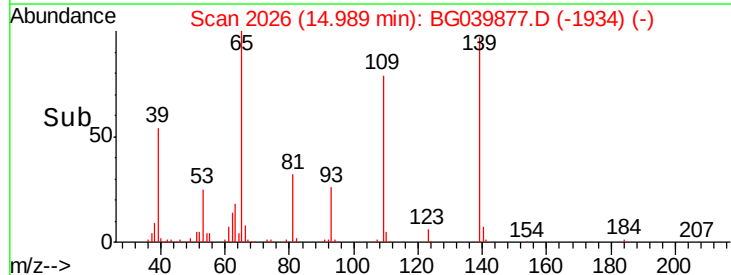
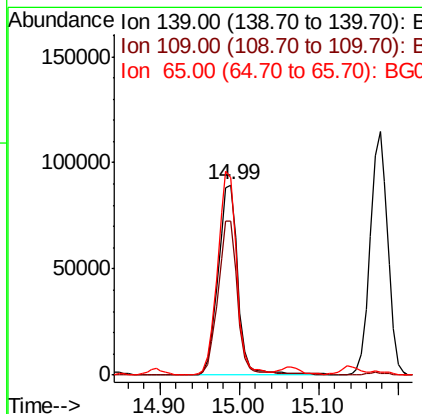
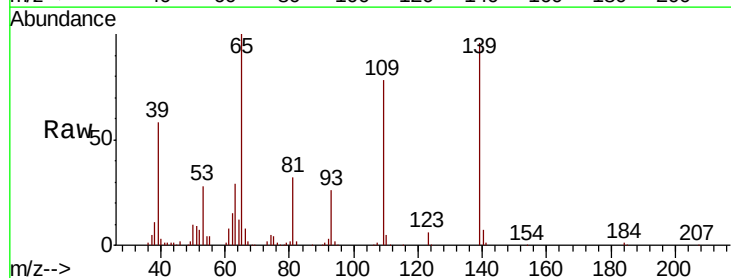
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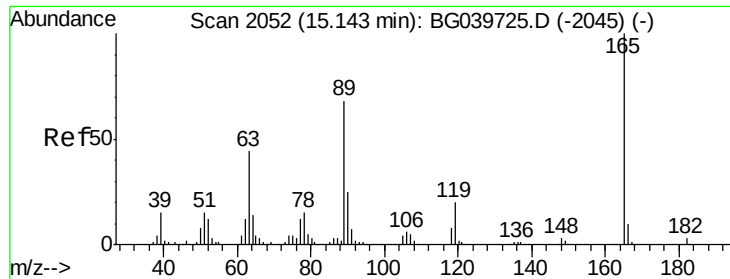
Sohil
3/13/2019 5:49:27 PM



#56
4-Nitrophenol
Concen: 86.559 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.8	61.9	101.9
65	103.6	99.1	139.1





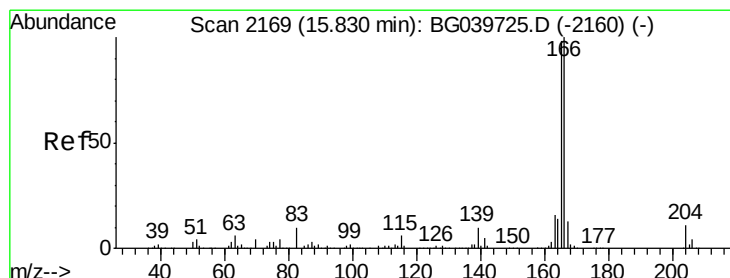
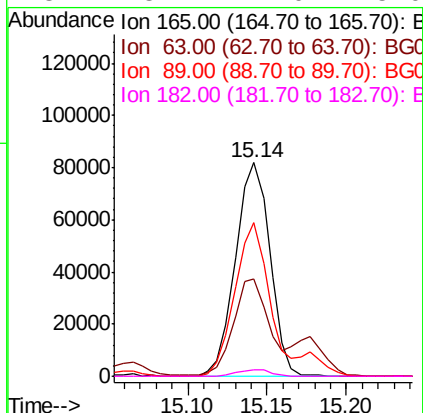
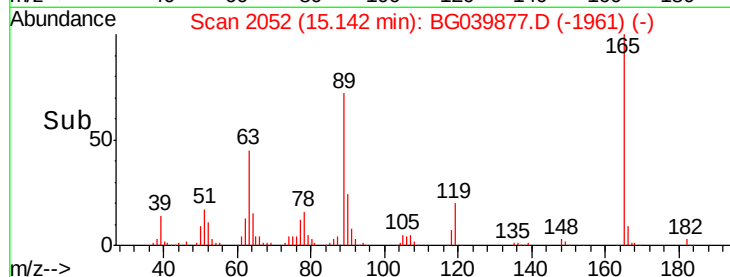
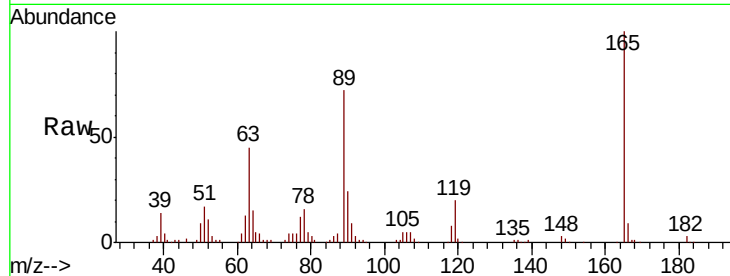
#57
 2,4-Dinitrotoluene
 Concen: 44.202 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.4	41.0	61.6	
89	71.9	64.6	96.8	
182	3.1	2.0	3.0#	

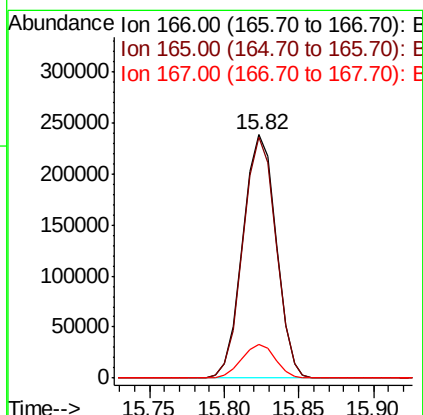
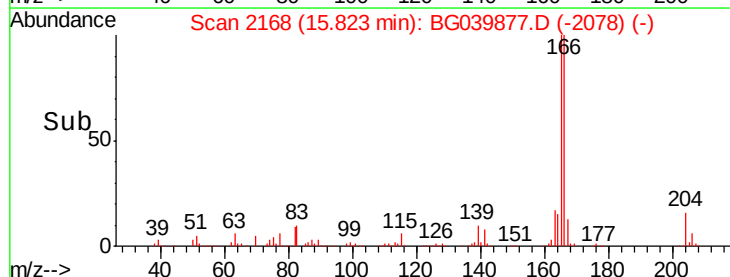
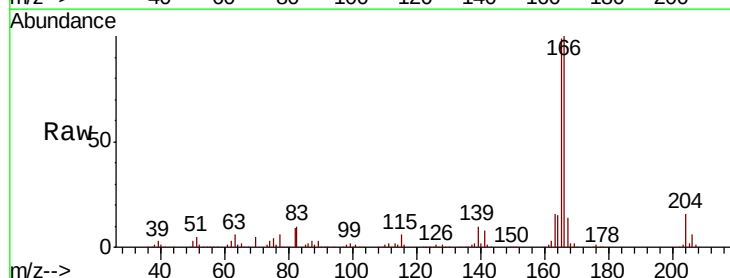
Manual Integrations
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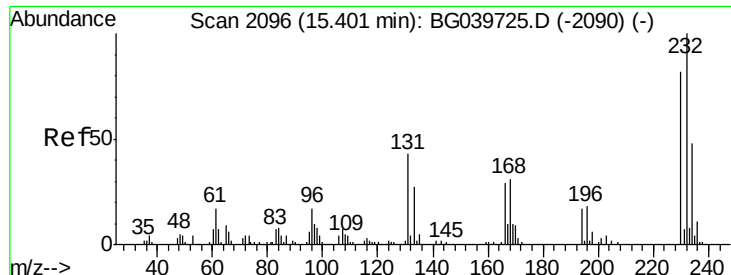
Sohil
 3/13/2019 5:49:27 PM



#58
 Fluorene
 Concen: 41.603 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.0	77.9	116.9	
167	13.7	10.8	16.2	





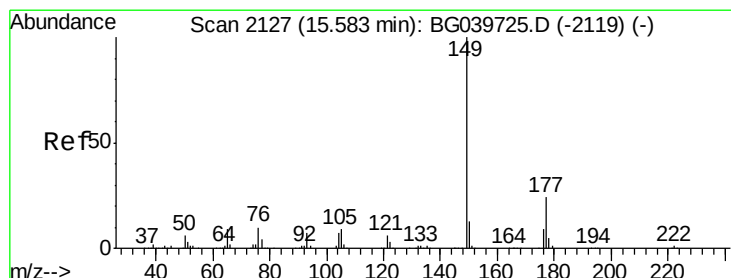
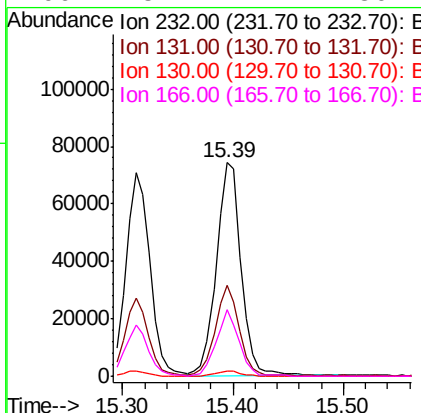
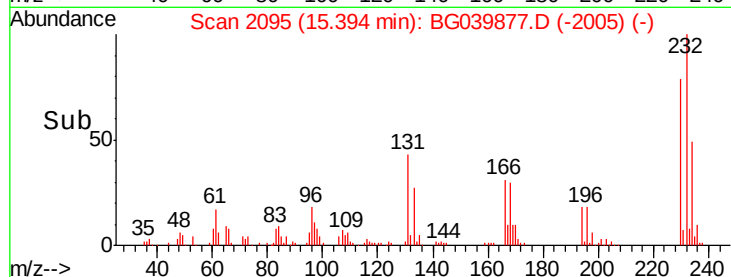
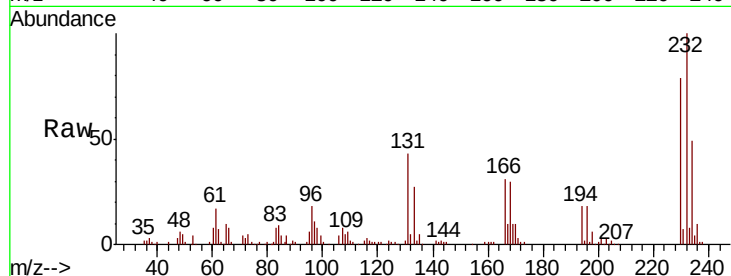
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.961 ng
RT: 15.39 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampled :
PB117829BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.6	34.9	52.3
130	2.2	2.0	3.0
166	28.4	24.1	36.1

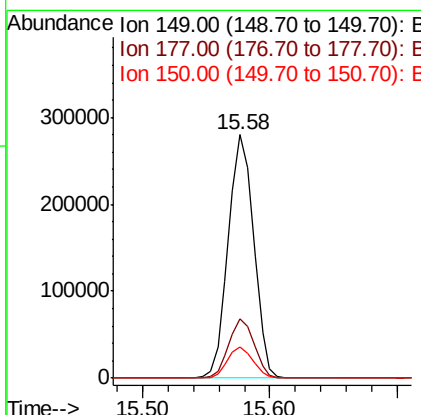
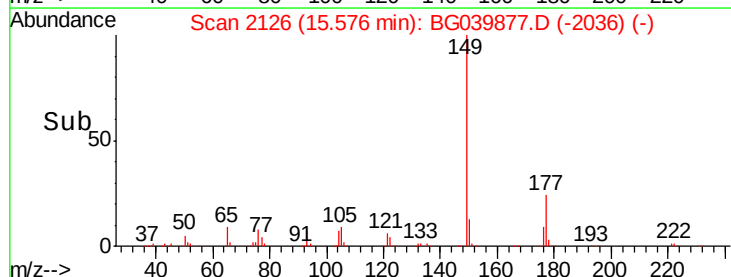
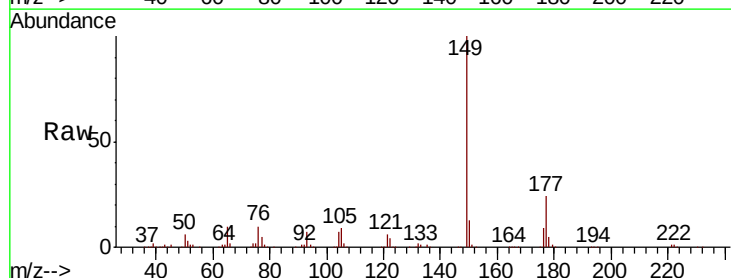
Manual Integrations
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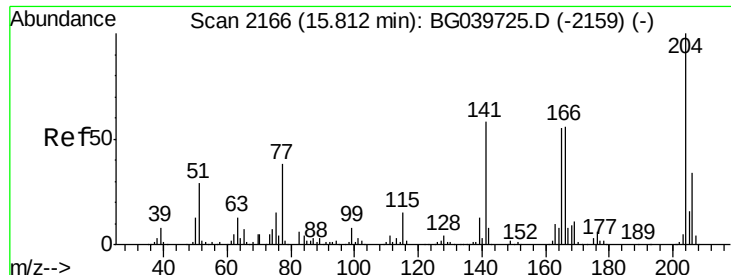
Sohil
3/13/2019 5:49:27 PM



#60
Diethylphthalate
Concen: 41.703 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.3	27.5
150	13.0	10.2	15.2





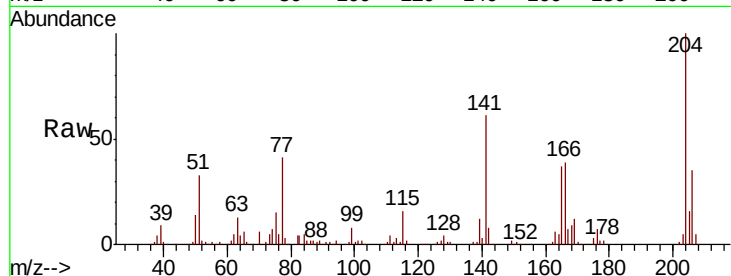
#61
4-Chlorophenyl-phenylether
Concen: 40.802 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	29.2	43.8
141	61.4	49.0	73.4

Manual Integrations
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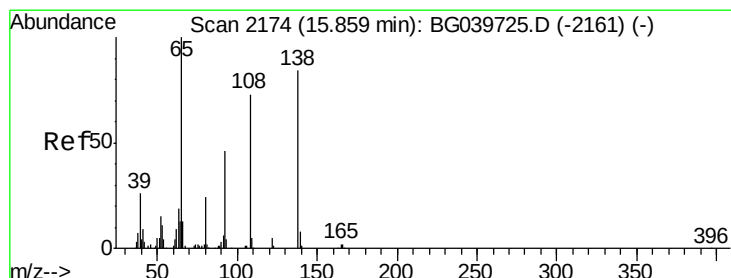
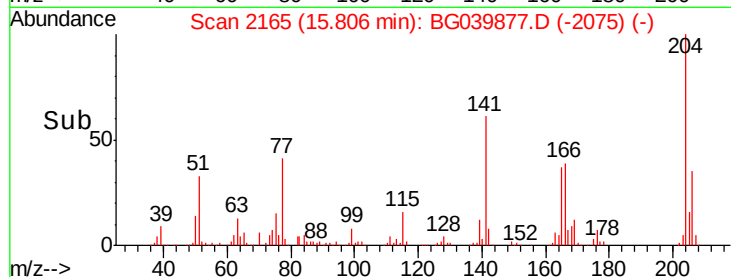
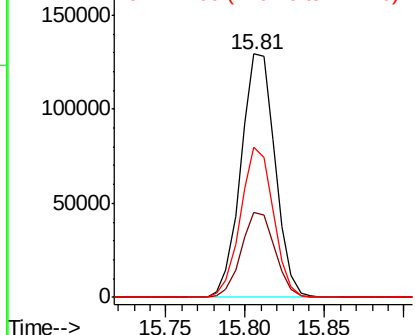


Abundance

Ion 204.00 (203.70 to 204.70): E

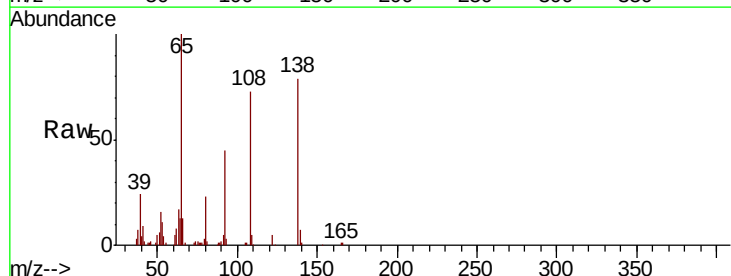
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.344 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.9	38.7	78.7
108	92.9	74.6	114.6

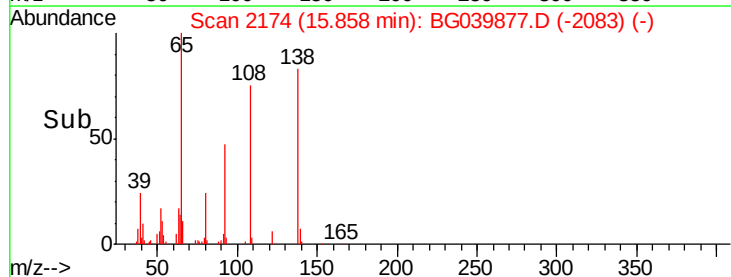
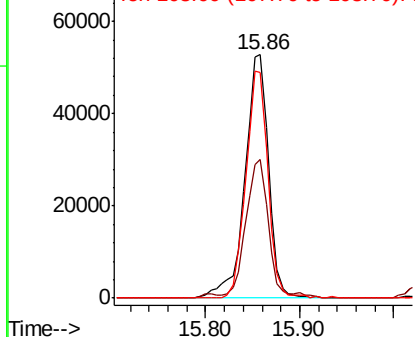


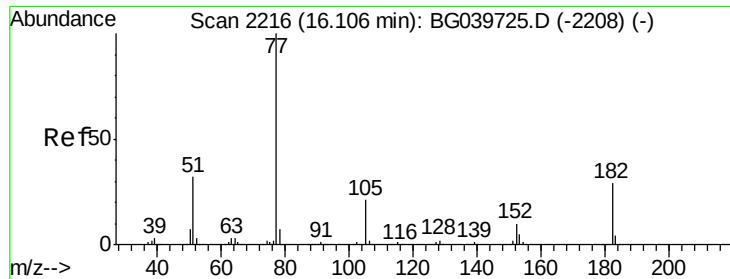
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





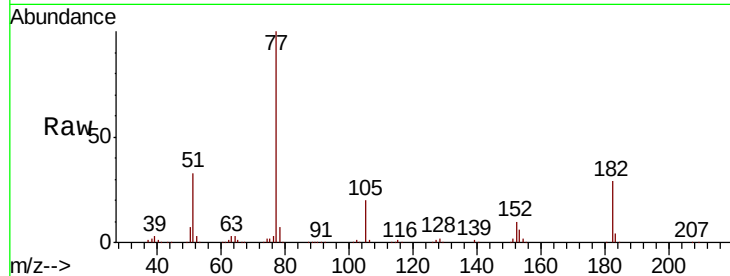
#63
Azobenzene
Concen: 42.286 ng
RT: 16.11 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

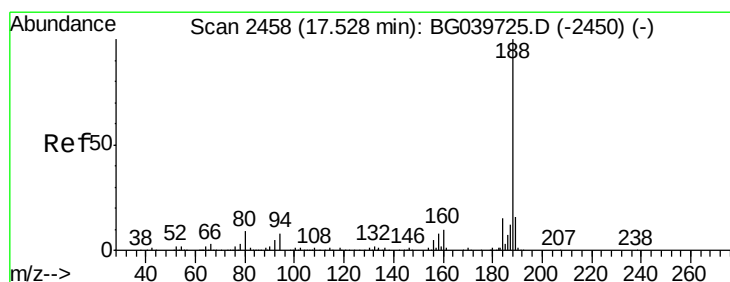
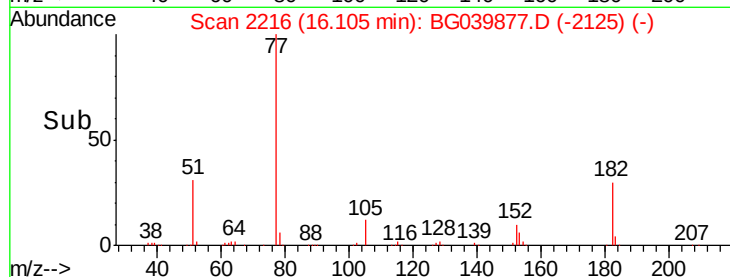
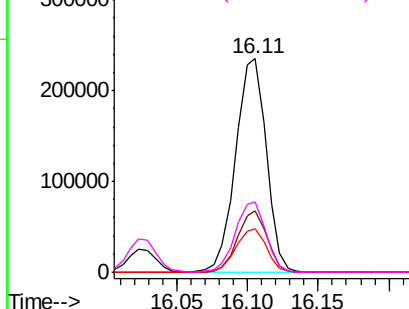
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		356460		
182	28.8	6.4	46.4		
105	20.3	0.0	39.8		
51	32.9	14.1	54.1		

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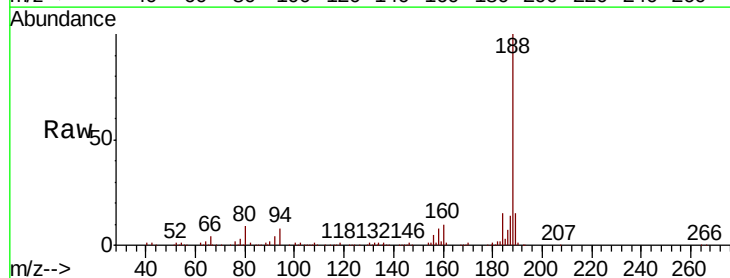


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

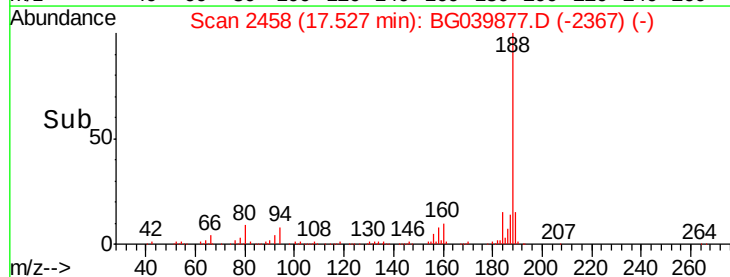
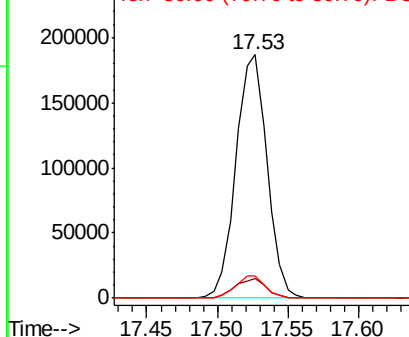


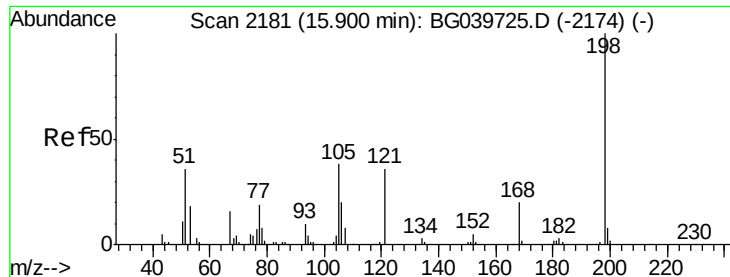
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		287074		
94	8.1	6.9	10.3		
80	8.9	8.1	12.1		



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





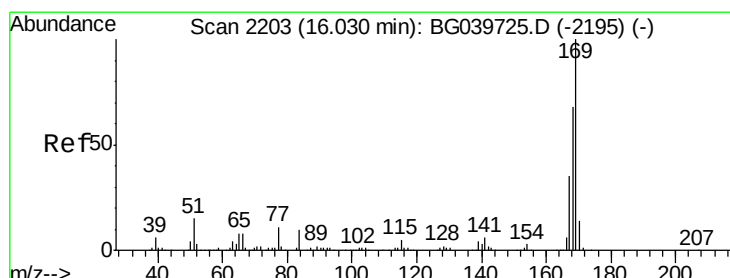
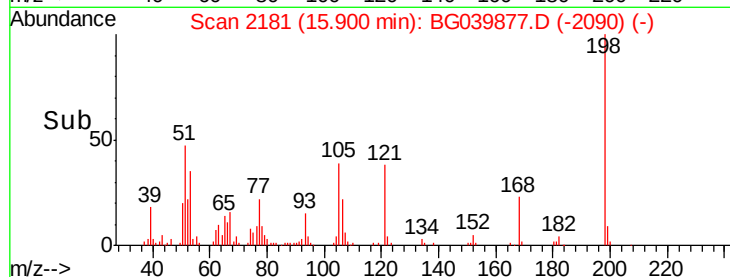
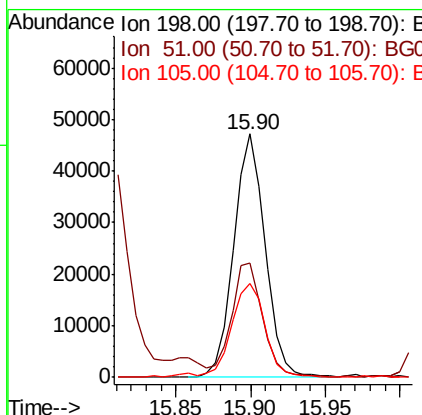
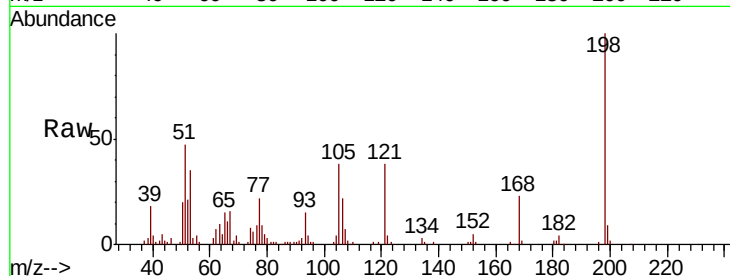
#65
4,6-Dinitro-2-methylphenol
Concen: 40.896 ng
RT: 15.90 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	46.8	27.4	67.4
105	38.4	19.7	59.7

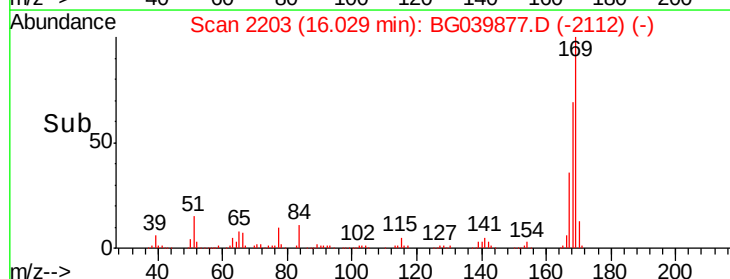
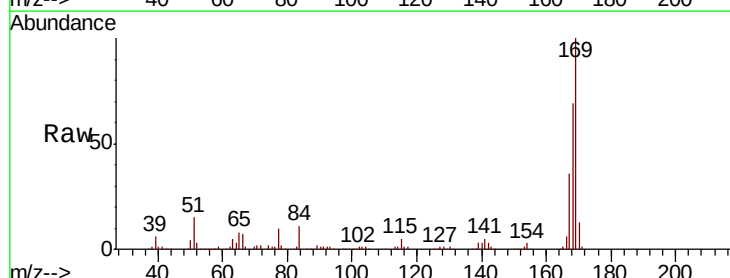
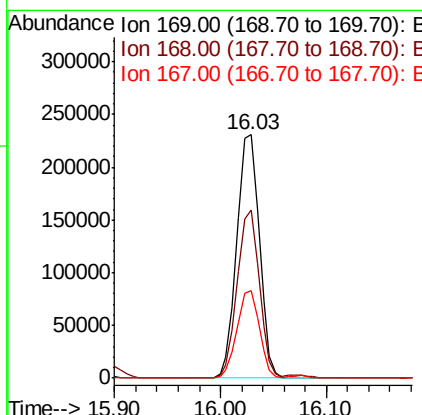
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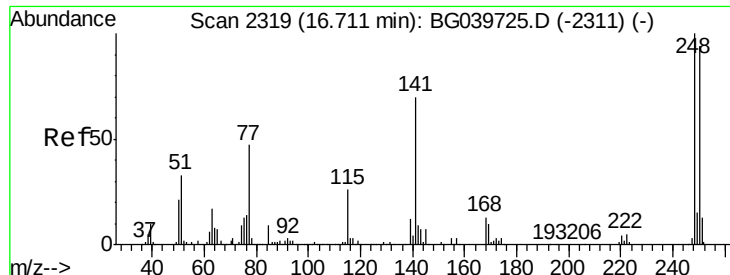
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 40.942 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.1	56.6	85.0
167	36.1	28.8	43.2





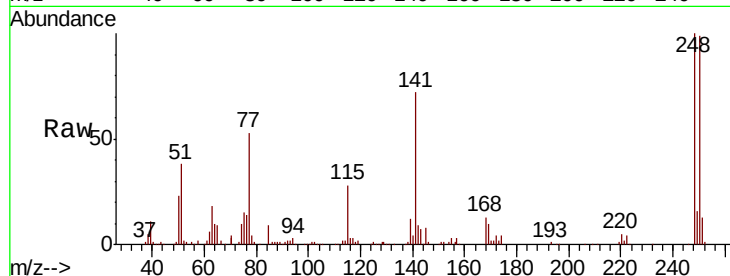
#67
4-Bromophenyl-phenylether
Concen: 39.389 ng
RT: 16.70 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.6	116.4
141	72.1	63.9	95.9

Manual Integrations
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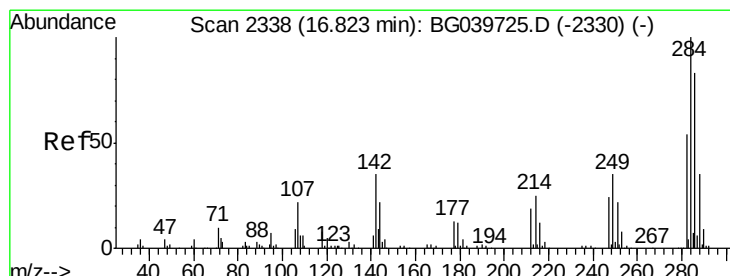
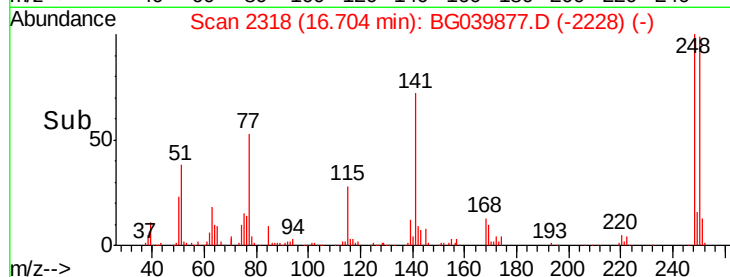
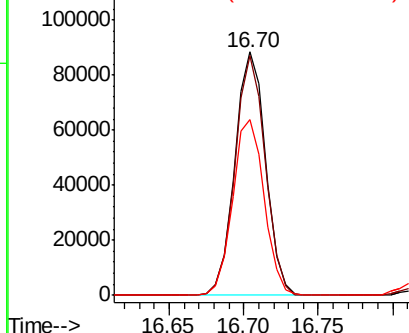


Abundance

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: 39.717 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

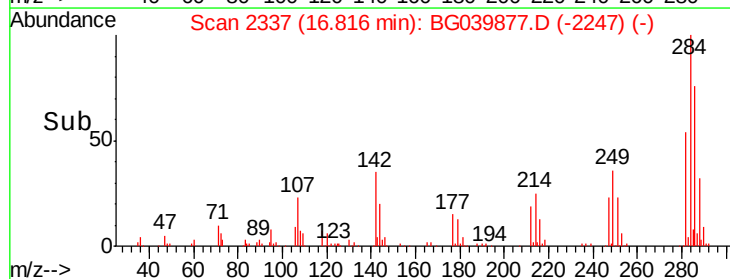
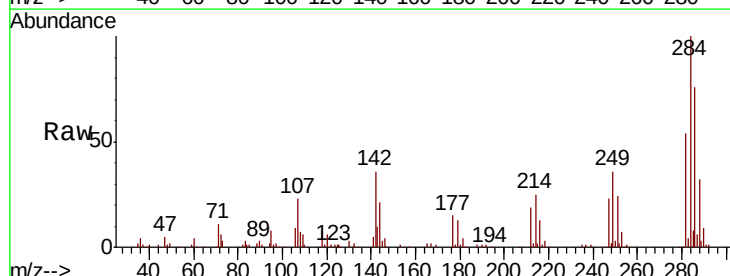
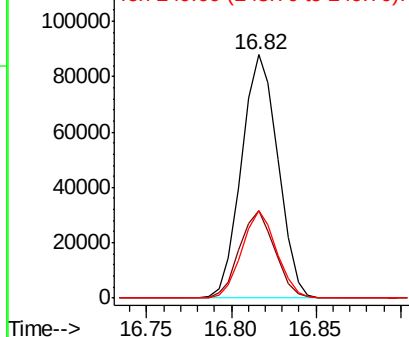
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	30.6	45.8
249	35.9	28.2	42.2

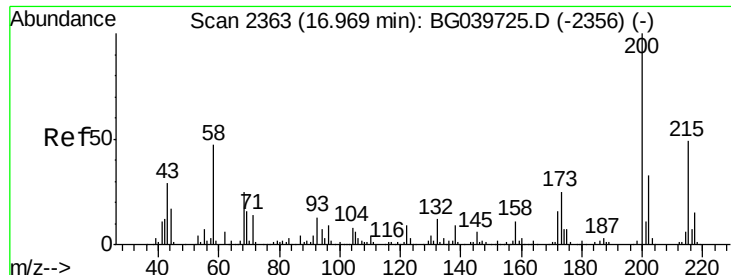
Abundance

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





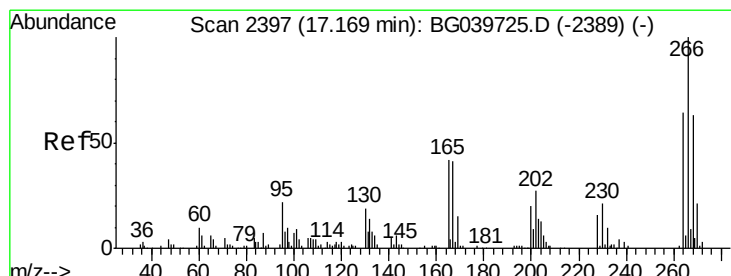
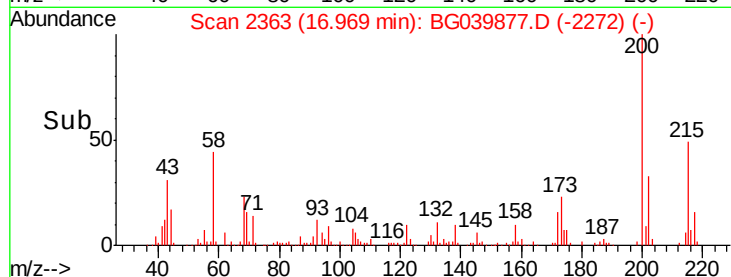
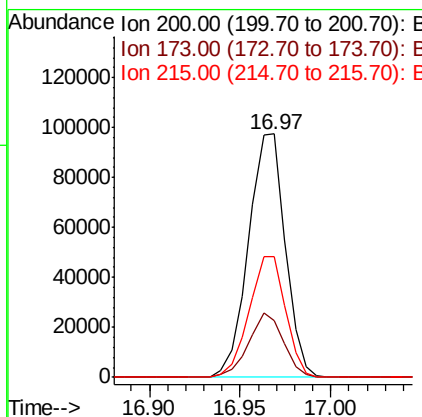
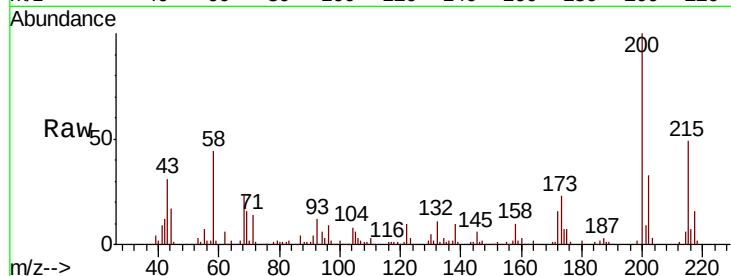
#69
 Atrazine
 Concen: 42.008 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampled :
 PB117829BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	3.9	43.9
215	49.3	30.9	70.9

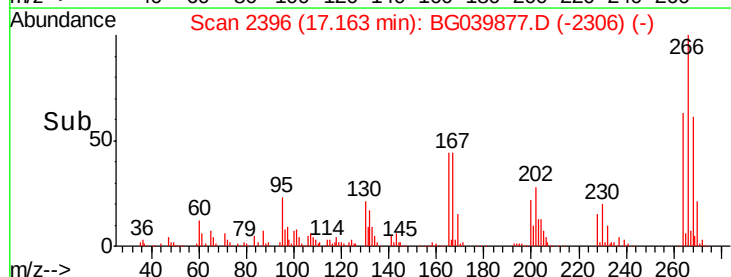
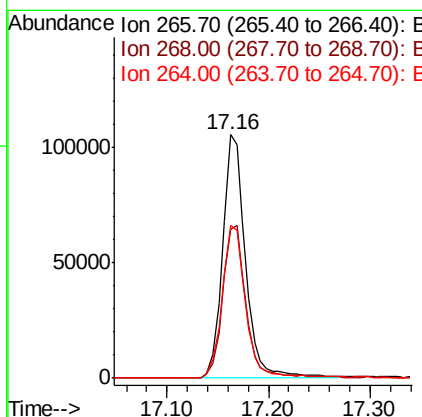
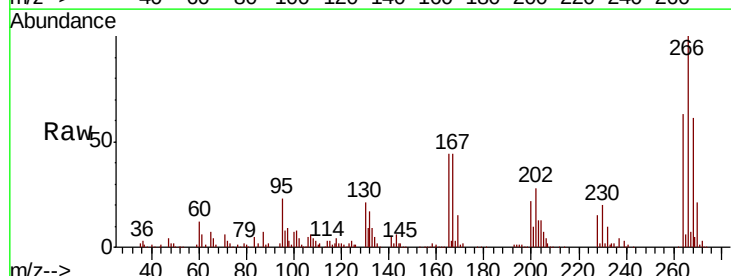
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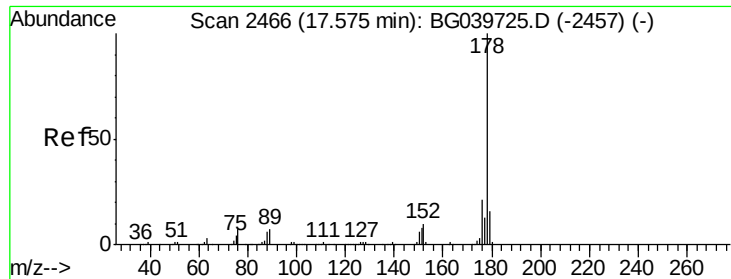
Sohil
 3/13/2019 5:49:27 PM



#70
 Pentachlorophenol
 Concen: 78.712 ng
 RT: 17.16 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.1	76.7
264	62.5	52.1	78.1





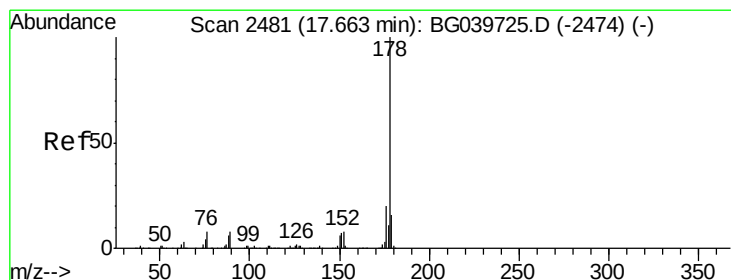
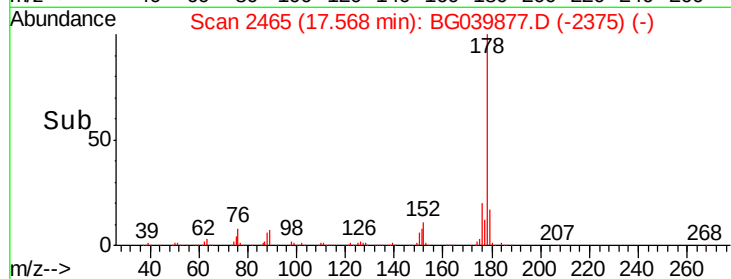
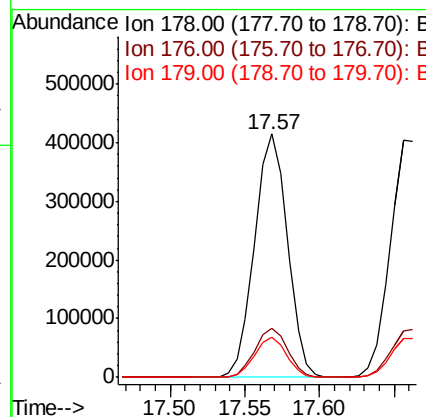
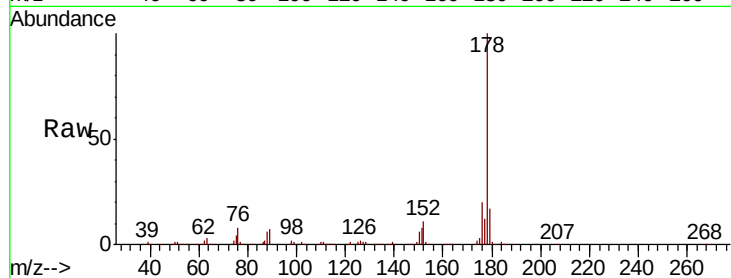
#71
Phenanthrene
Concen: 39.897 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.6	12.6	19.0

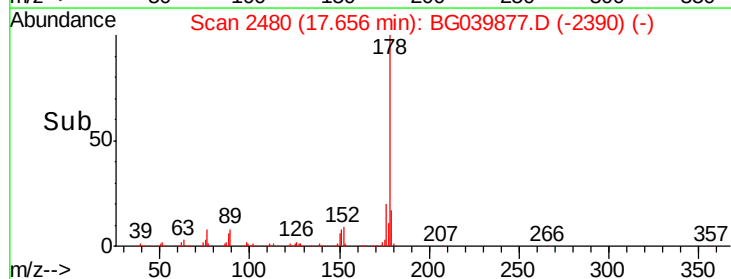
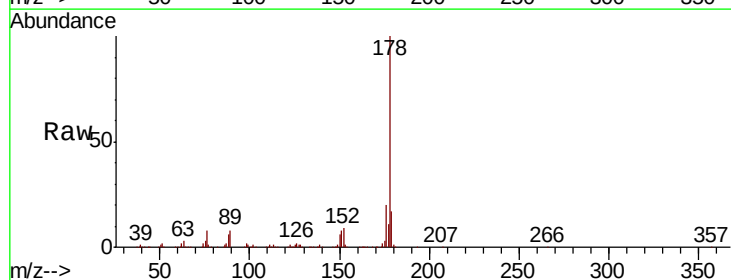
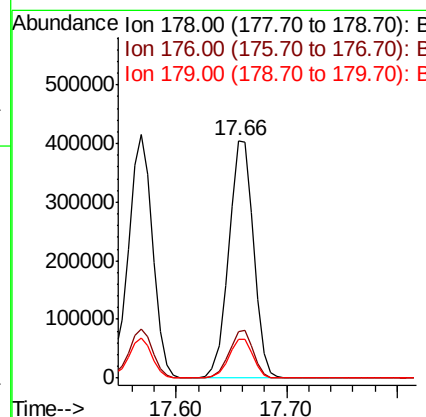
Manual Integrations
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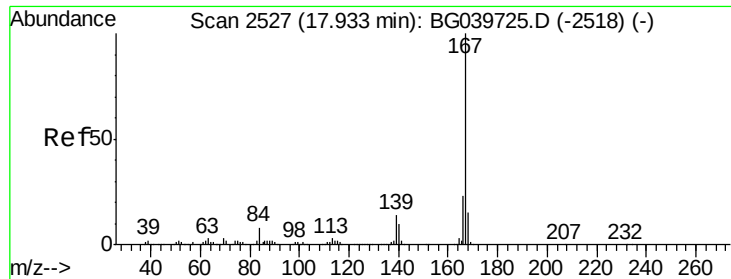
Sohil
3/13/2019 5:49:27 PM



#72
Anthracene
Concen: 41.228 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	16.6	12.5	18.7





#73

Carbazole

Concen: 41.055 ng

RT: 17.93 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

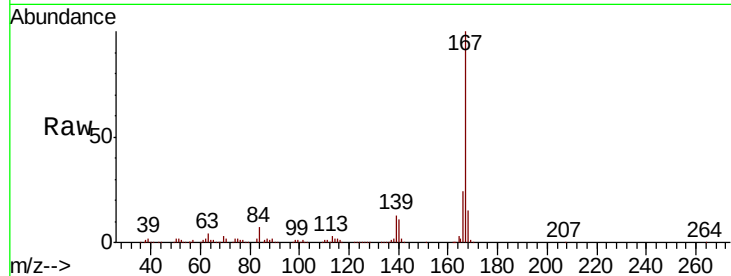
ClientSampleId :

PB117829BS

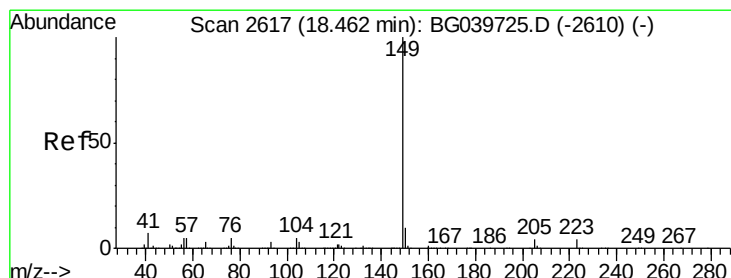
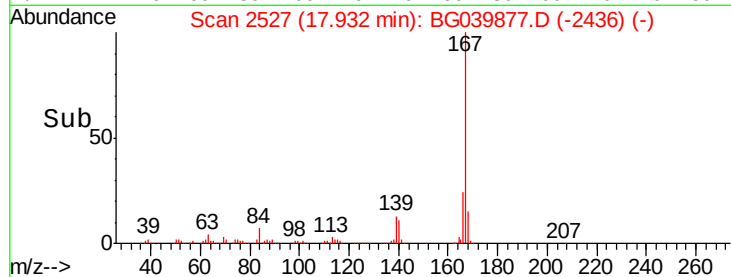
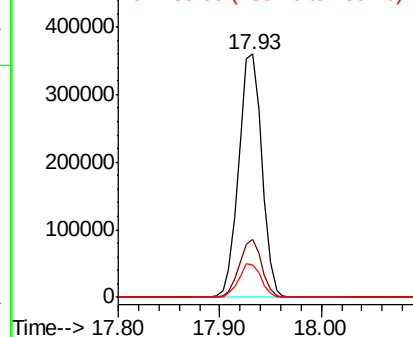
Tot Ion:	167	Resp:	570307
Ion Ratio		Lower	Upper
167	100		
166	24.0	19.4	29.2
139	13.3	10.8	16.2

Manual Integrations
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3/13/2019 5:49:27 PM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.614 ng

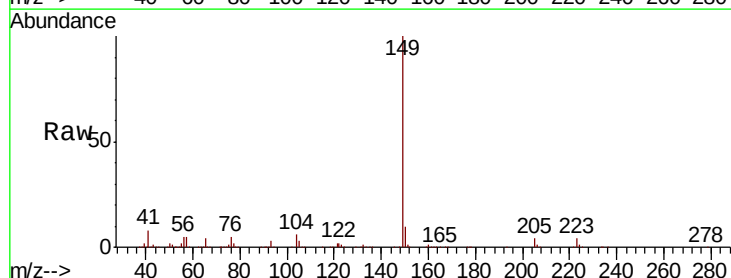
RT: 18.45 min Scan# 2616

Delta R.T. -0.00 min

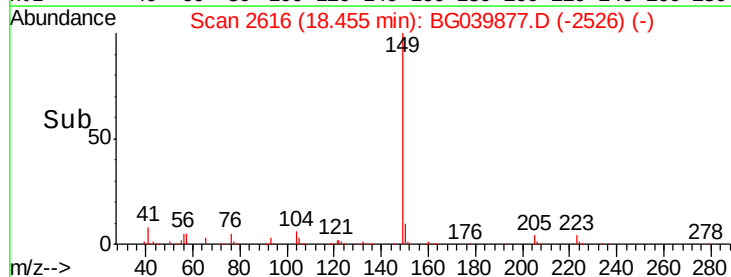
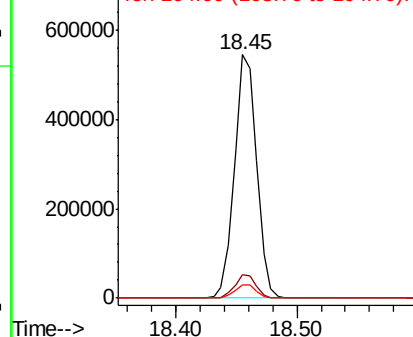
Lab File: BG039877.D

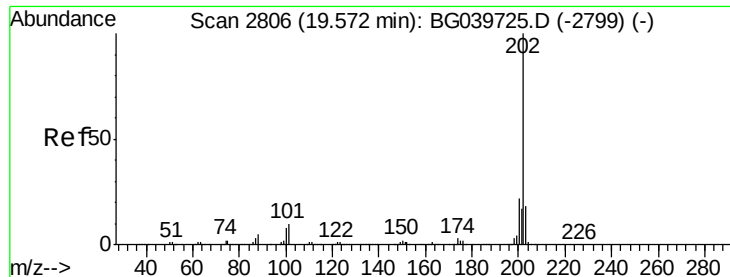
Acq: 12 Mar 2019 16:54

Tgt Ion:	149	Resp:	696487
Ion Ratio		Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.7	4.5	6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.647 ng

RT: 19.57 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

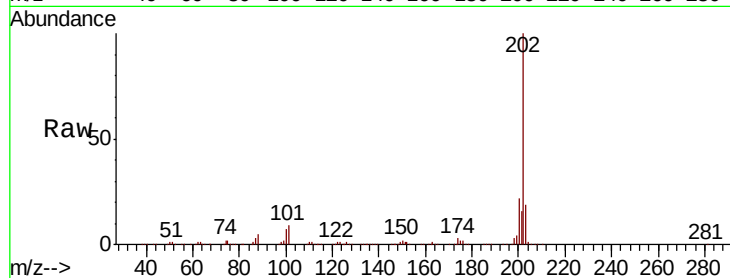
ClientSampleId :

PB117829BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		778283		
101	9.2	0.0	30.0		
203	18.7	0.0	38.9		

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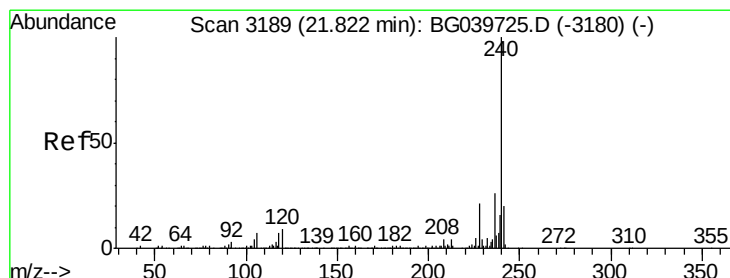
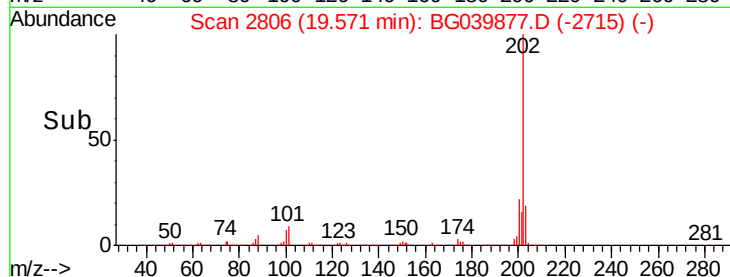
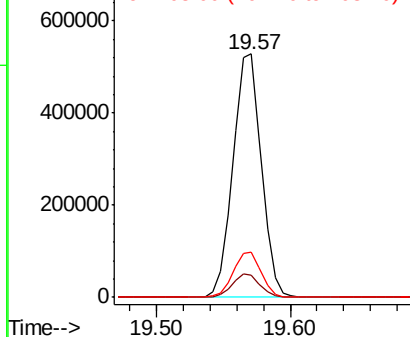


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

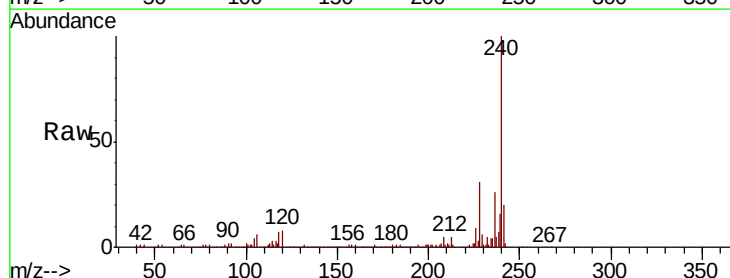
RT: 21.82 min Scan# 3188

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		296367		
120	8.3	7.0	10.6		
236	26.0	21.0	31.4		

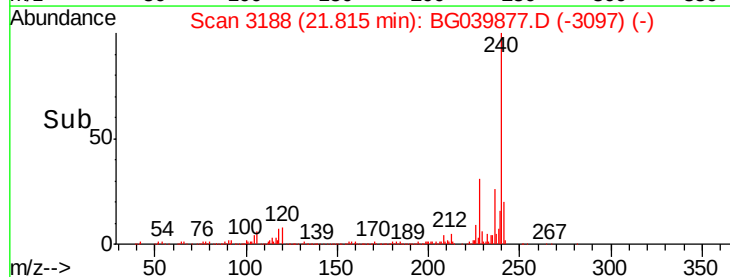
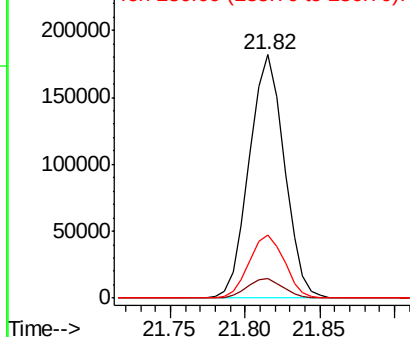


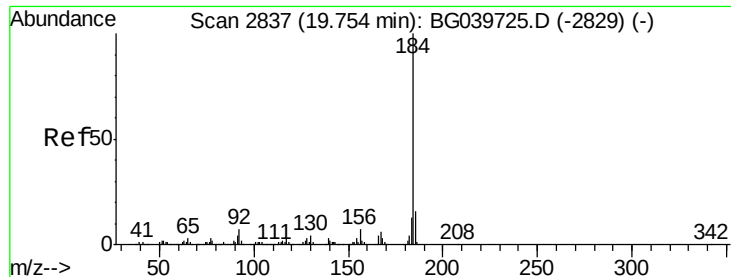
Abundance

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: 29.704 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

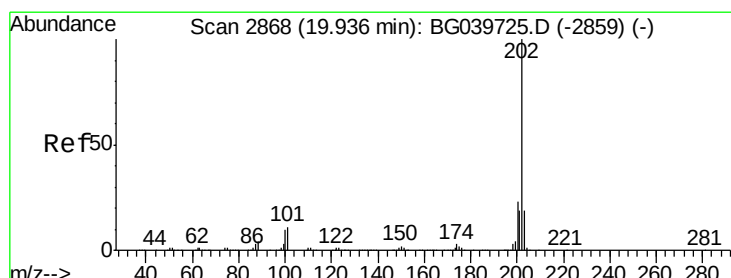
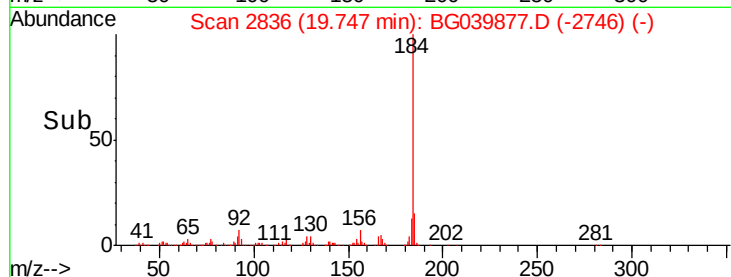
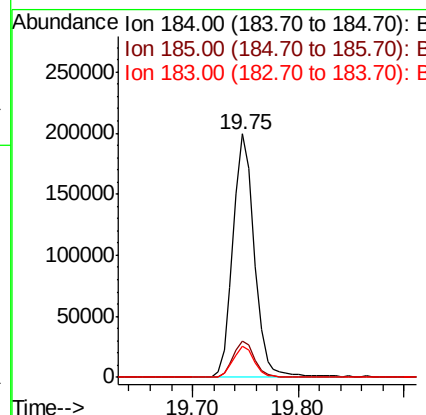
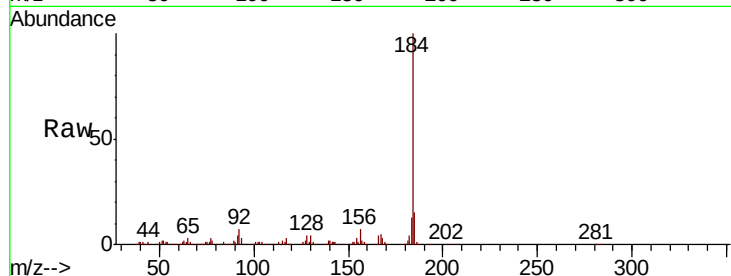
ClientSampled :

PB117829BS

Tot Ion:	184	Resp:	279350
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.2
183	13.0	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 40.619 ng

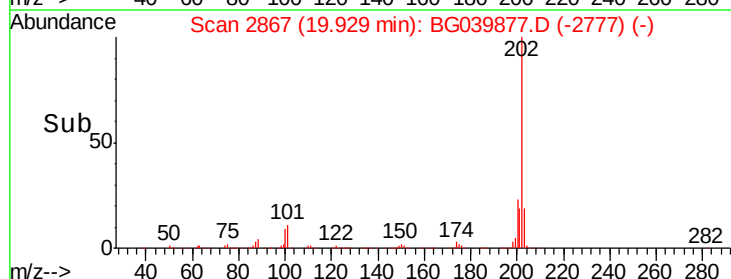
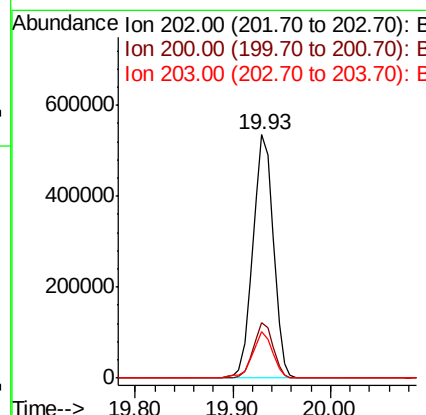
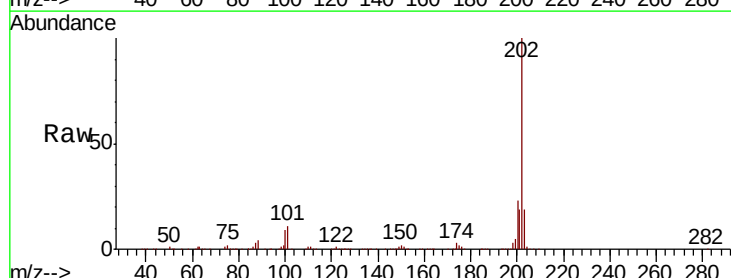
RT: 19.93 min Scan# 2867

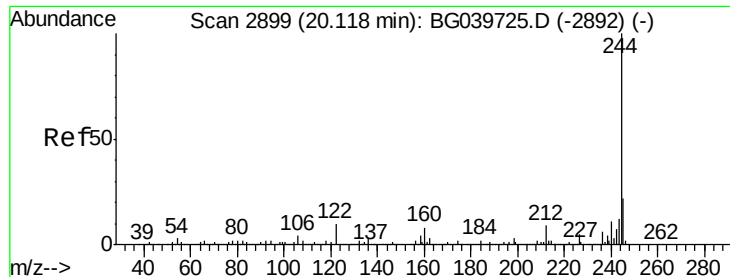
Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Tgt Ion:	202	Resp:	782241
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.8	26.8
203	19.1	15.3	22.9





#79

Terphenyl-d14

Concen: 78.039 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampled :

PB117829BS

Tot Ion:244 Resp: 1050418

Ion Ratio Lower Upper

244 100

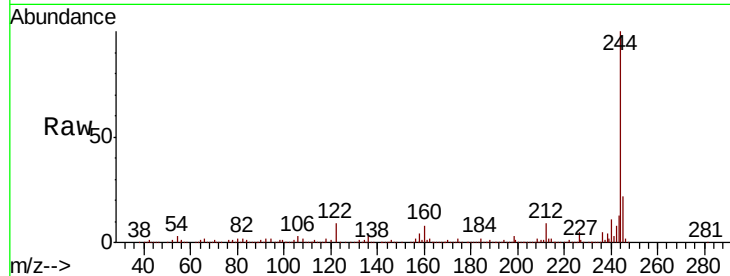
212 8.6 7.3 10.9

122 9.0 8.4 12.6

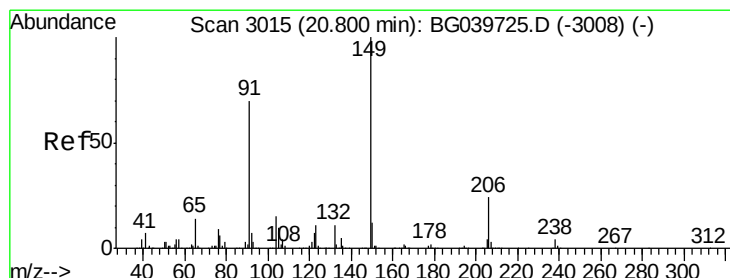
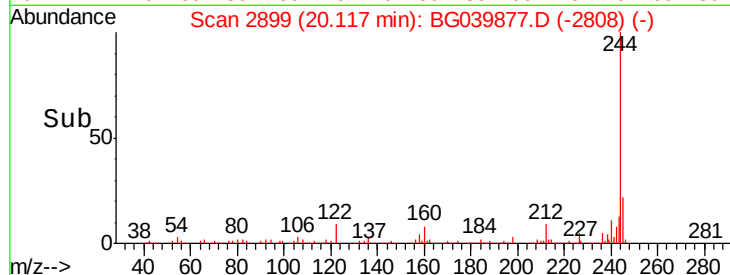
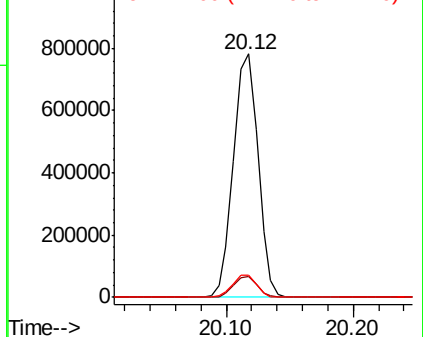
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.965 ng

RT: 20.79 min Scan# 3014

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

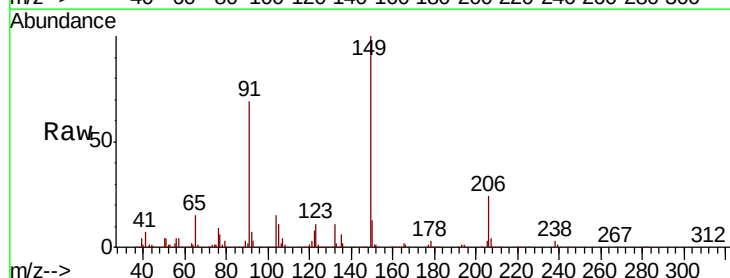
Tgt Ion:149 Resp: 328024

Ion Ratio Lower Upper

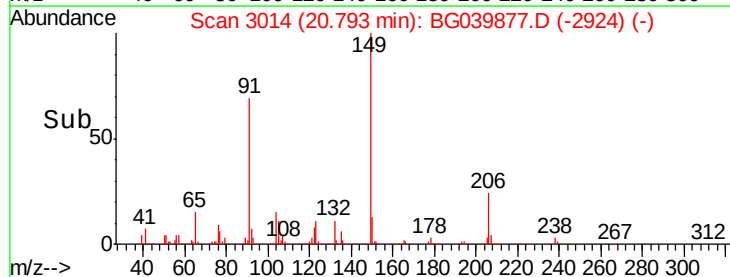
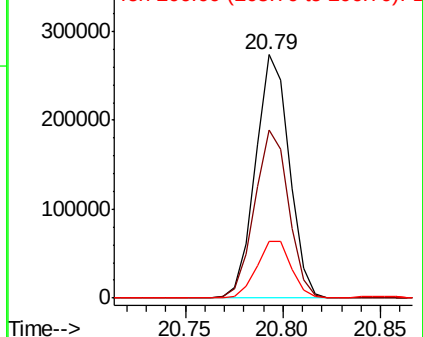
149 100

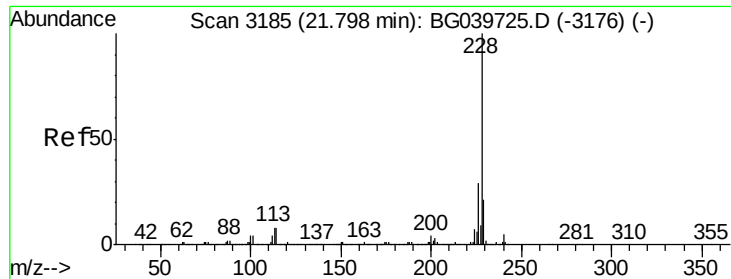
91 69.0 59.5 89.3

206 23.6 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





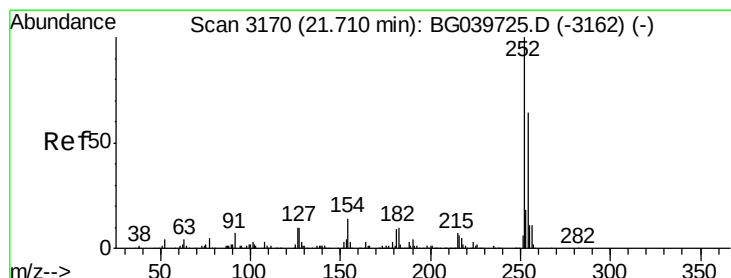
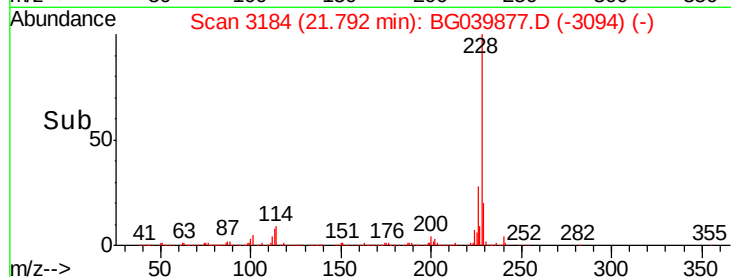
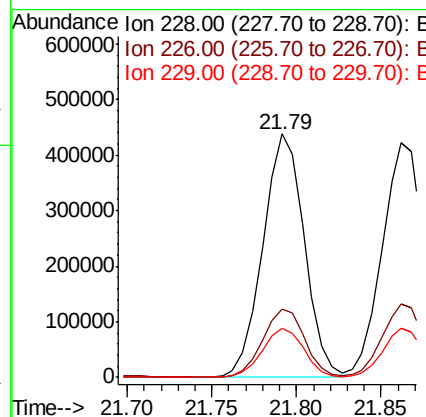
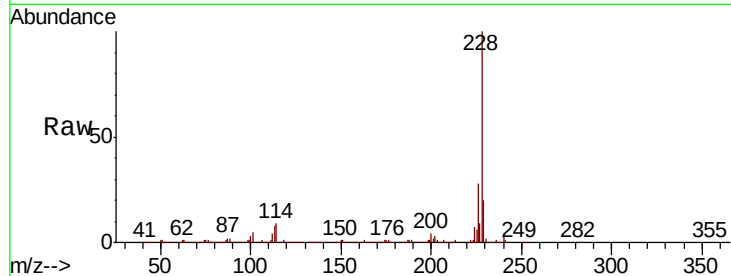
#81
Benzo(a)anthracene
Concen: 40.181 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.6
229	19.9	16.9	25.3

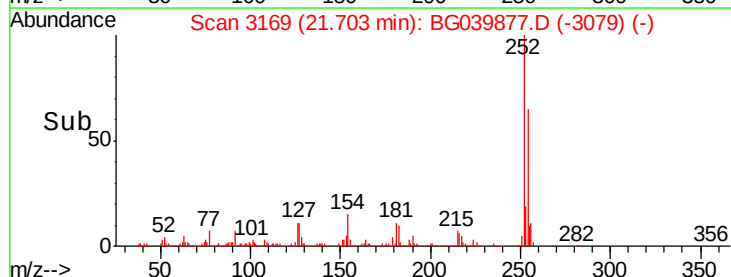
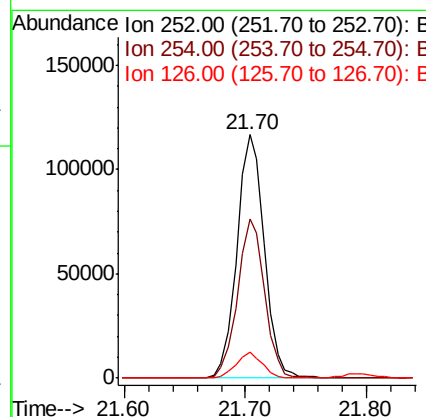
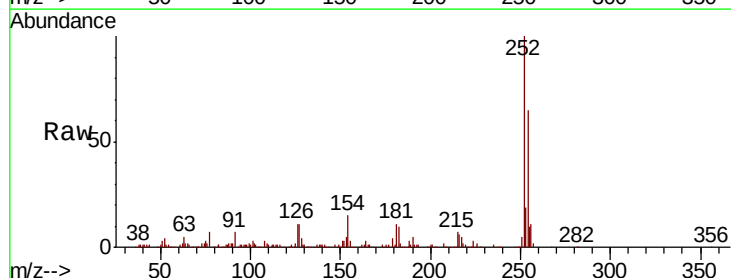
Manual Integrations
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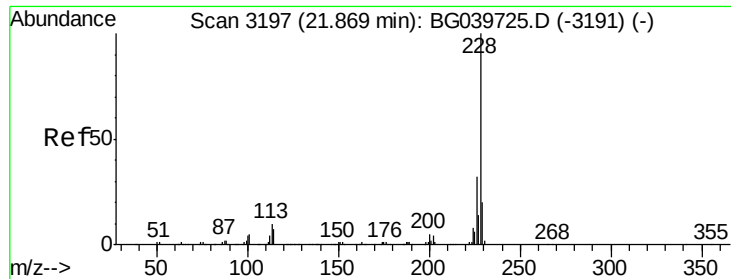
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 27.182 ng
RT: 21.70 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.3	76.9
126	10.9	8.0	12.0





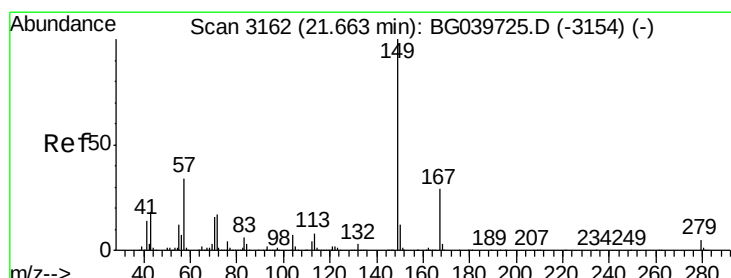
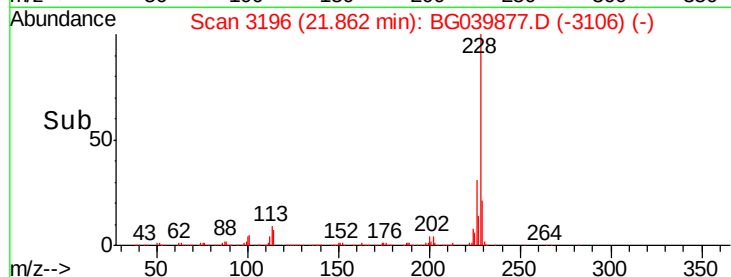
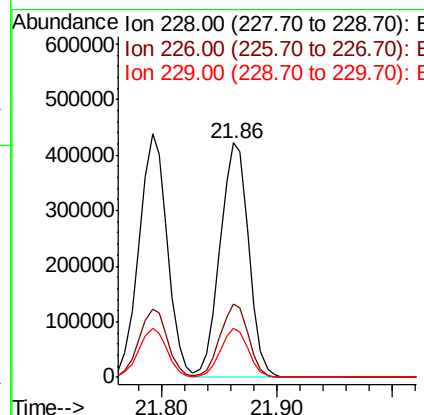
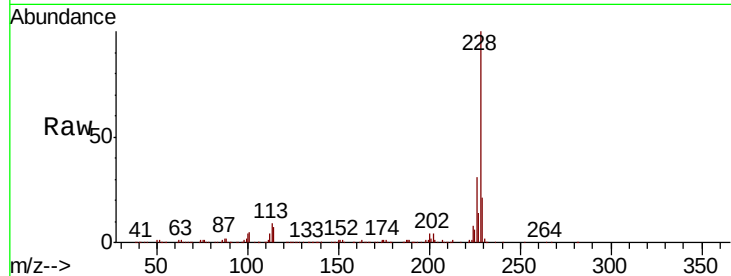
#83
Chrysene
Concen: 39.994 ng
RT: 21.86 min Scan# 3196
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	720182		
226	31.2		25.8	38.6
229	20.9		16.6	25.0

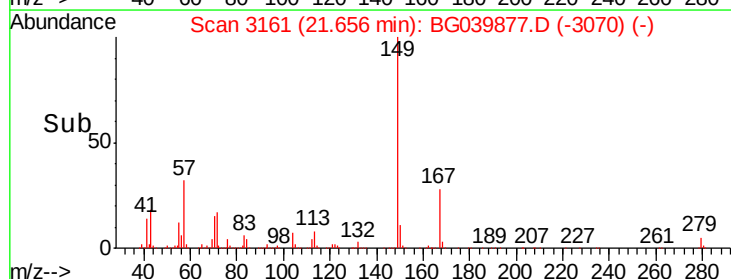
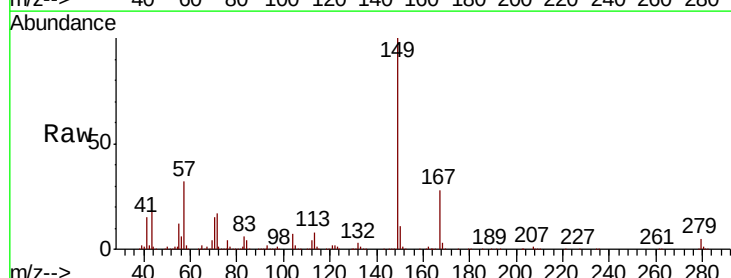
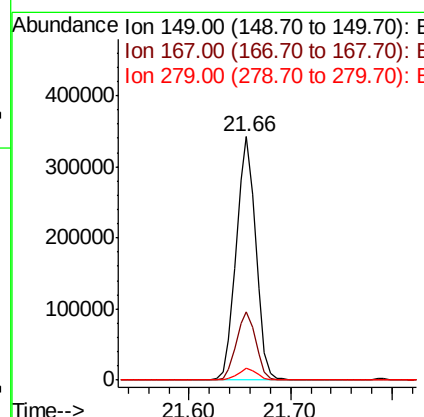
Manual Integrations
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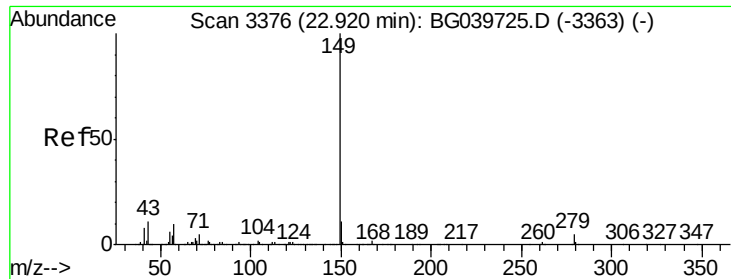
Sohil
3/13/2019 5:49:27 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.545 ng
RT: 21.66 min Scan# 3161
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	456554		
167	28.3		22.6	34.0
279	4.9		3.5	5.3





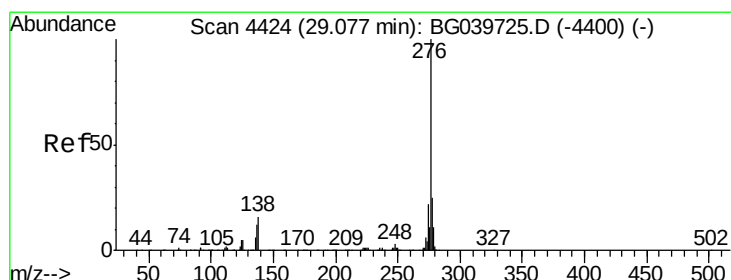
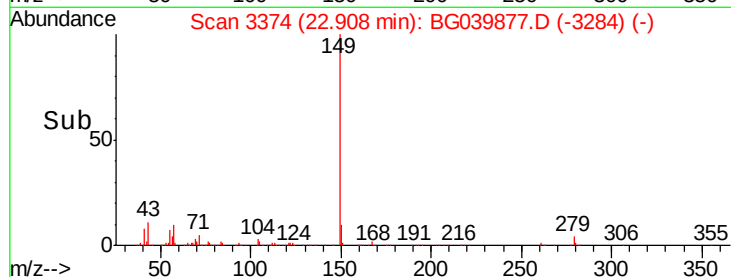
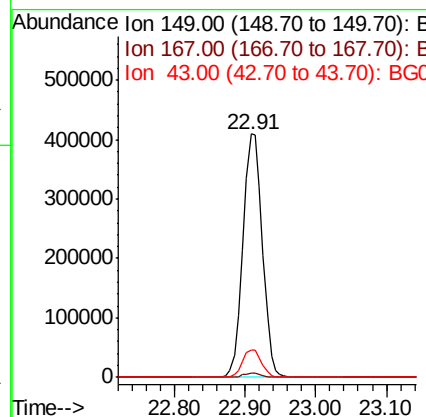
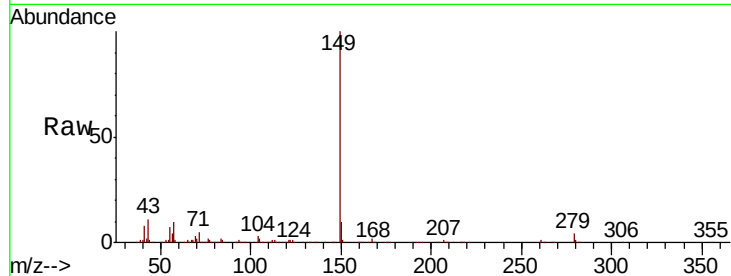
#85
Di-n-octyl phthalate
Concen: 44.791 ng
RT: 22.91 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	777575		
167	1.7		1.3	1.9
43	11.1		10.2	15.4

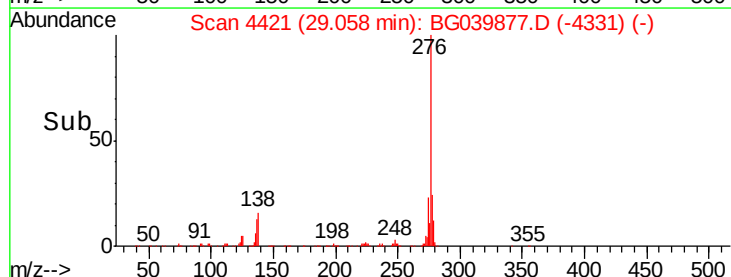
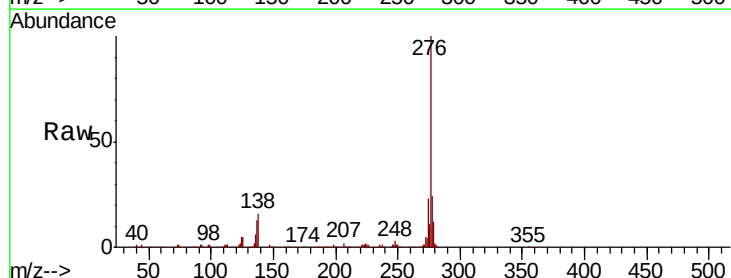
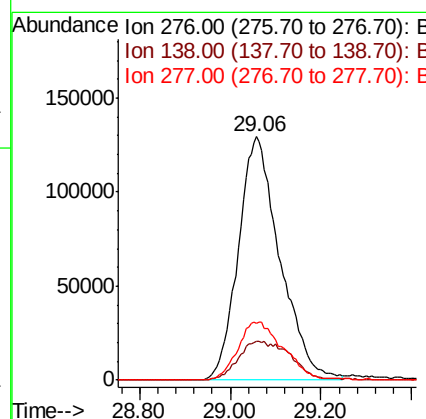
Manual Integrations
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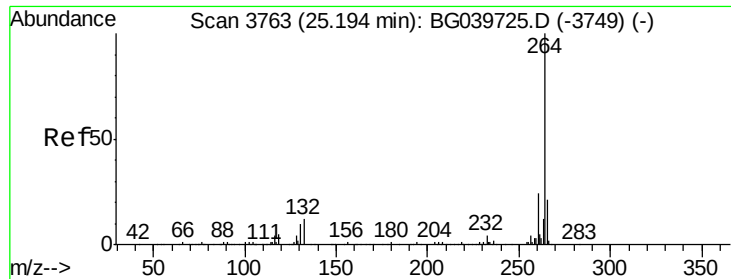
Sohil
3/13/2019 5:49:27 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.331 ng
RT: 29.06 min Scan# 4421
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	823882		
138	20.0		12.6	19.0#
277	25.9		20.8	31.2





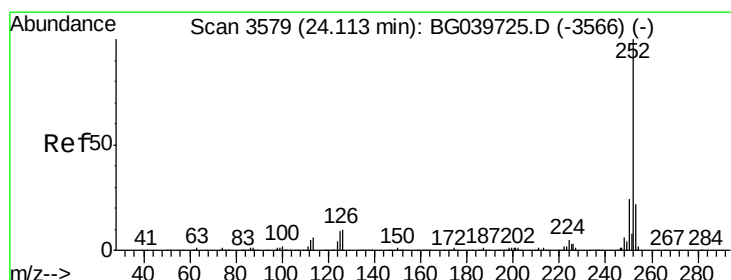
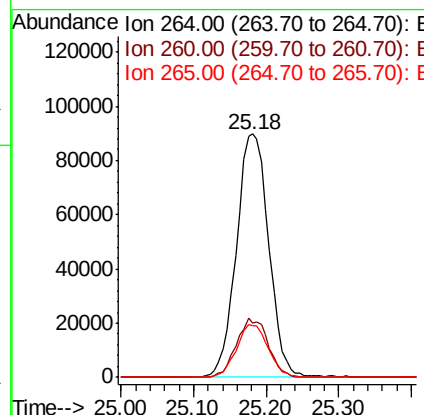
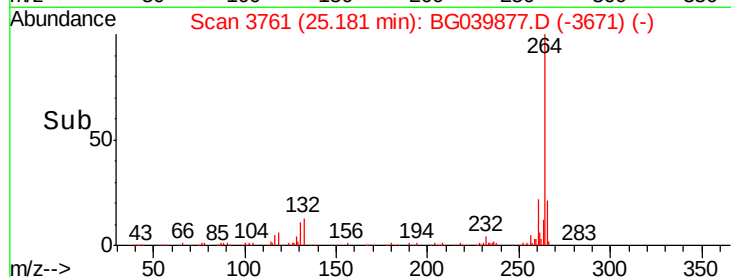
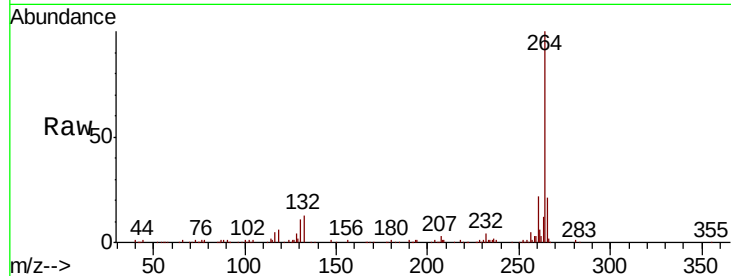
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.1	18.5	27.7

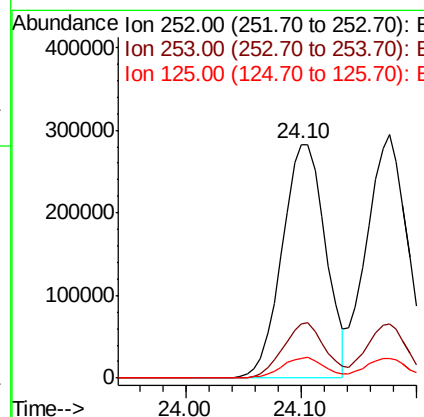
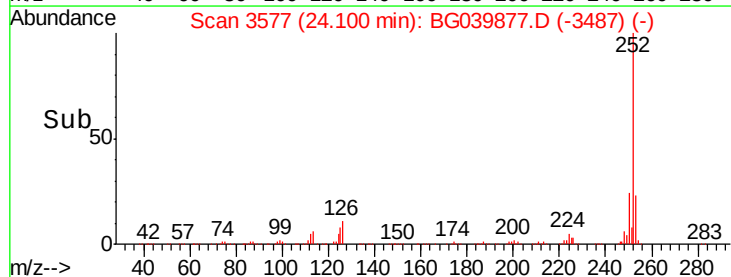
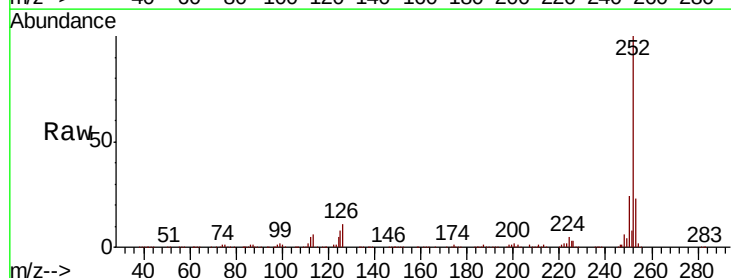
Manual Integrations
APPROVED

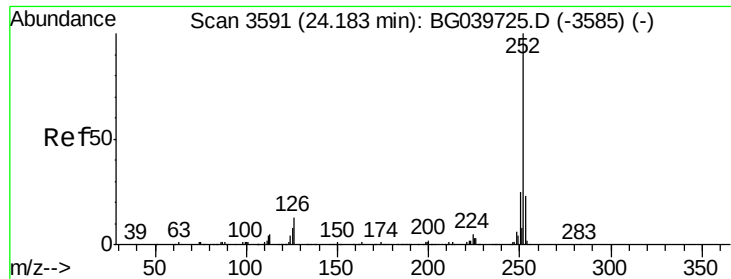
Sohil
3/13/2019 5:49:27 PM



#88
Benzo(b)fluoranthene
Concen: 44.636 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	8.2	7.8	11.6





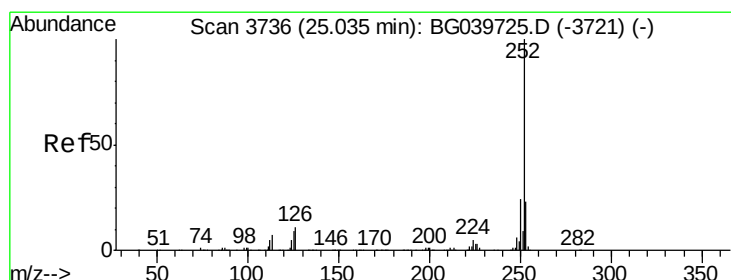
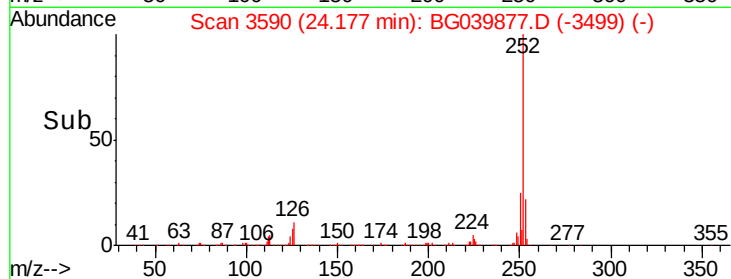
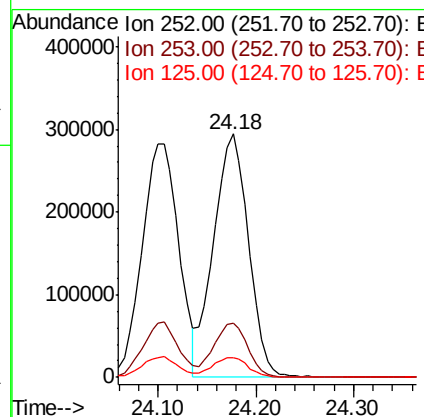
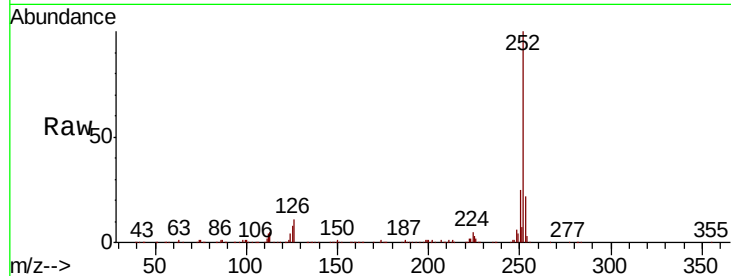
#89
Benzo(k)fluoranthene
Concen: 47.283 ng
RT: 24.18 min Scan# 3590
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	7.8	7.4	11.2

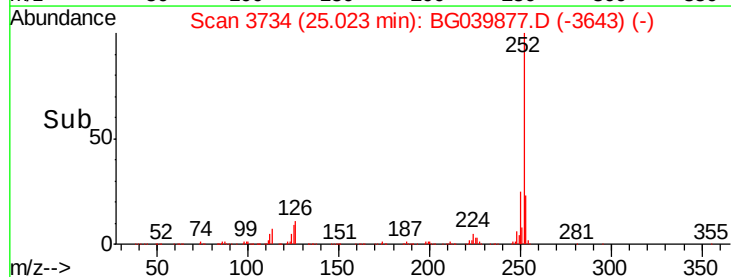
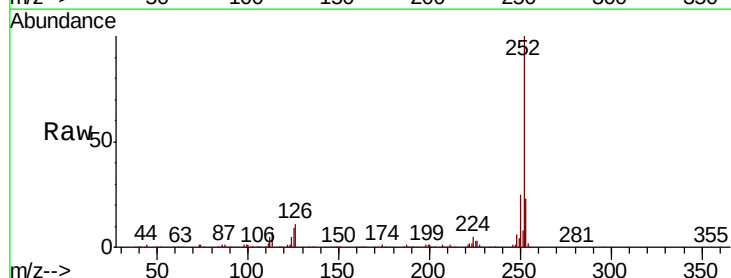
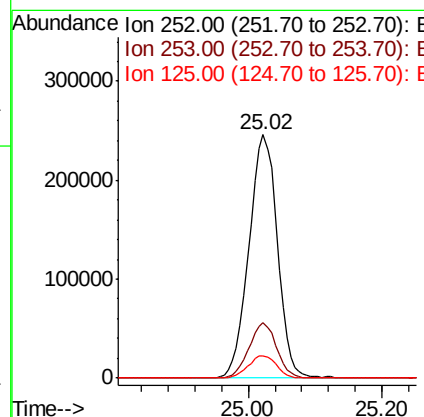
Manual Integrations
APPROVED

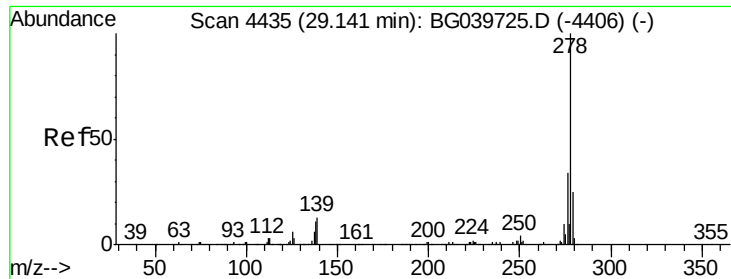
Sohil
3/13/2019 5:49:27 PM



#90
Benzo(a)pyrene
Concen: 46.947 ng
RT: 25.02 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.9	8.3	12.5





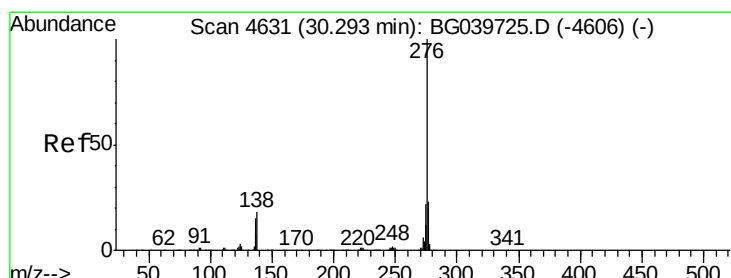
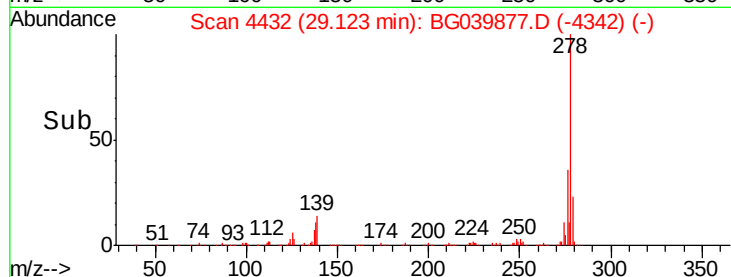
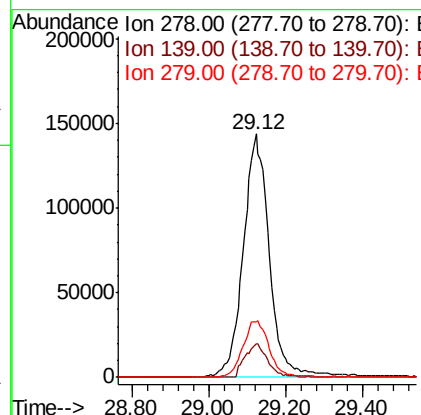
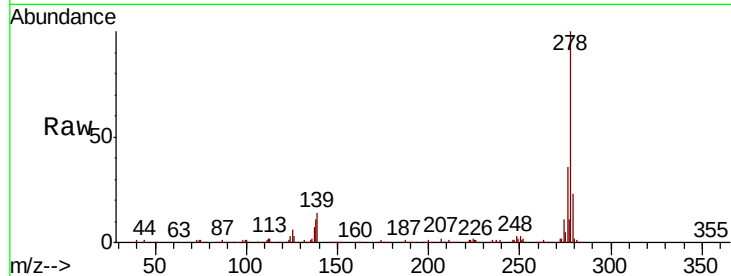
#91
Dibenzo(a,h)anthracene
Concen: 45.214 ng
RT: 29.12 min Scan# 4432
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.7	17.5
279	22.6	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/13/2019 5:49:27 PM



#92
Benzo(g,h,i)perylene
Concen: 45.243 ng
RT: 30.28 min Scan# 4629
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.6	29.4
138	16.6	14.7	22.1

