

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039603.D
 Acq On : 26 Feb 2019 16:41
 Operator : JU/SJ
 Sample : K1586-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-1MS

Manual Integrations
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Sohil
 2/27/2019 4:21:44 PM

Quant Time: Feb 27 03:10:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	63958	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	273147	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	182791	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	445551	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	439232	20.00	ng	-0.02
87) Perylene-d12	25.20	264	458341	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	483611	129.41	ng	0.00
7) Phenol-d6	7.32	99	714202	129.84	ng	0.00
23) Nitrobenzene-d5	9.35	82	419366	95.91	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	286546	145.58	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	941153	73.86	ng	-0.02
79) Terphenyl-d14	20.12	244	1380310	66.52	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	52440	32.081	ng	97
3) Pyridine	4.01	79	150559	34.788	ng	97
4) n-Nitrosodimethylamine	3.93	42	83479	38.569	ng	86
6) Aniline	7.49	93	214884	31.188	ng	95
8) 2-Chlorophenol	7.73	128	167736	41.063	ng	95
9) Benzaldehyde	7.31	77	80579	26.542	ng	97
10) Phenol	7.35	94	256339	44.705	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	165095	36.437	ng	99
12) 1,3-Dichlorobenzene	8.05	146	176736	35.716	ng	99
13) 1,4-Dichlorobenzene	8.21	146	181153	36.729	ng	99
14) 1,2-Dichlorobenzene	8.52	146	174900	36.630	ng	98
15) Benzyl Alcohol	8.41	79	165676	38.364	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	324667	31.731	ng	98
17) 2-Methylphenol	8.60	107	154448	41.623	ng	93
18) Hexachloroethane	9.25	117	62791	37.004	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	137261	35.158	ng	# 94
20) 3+4-Methylphenols	8.93	107	211432	41.378	ng	98
22) Acetophenone	9.00	105	263488	35.911	ng	# 95
24) Nitrobenzene	9.39	77	202200	42.807	ng	98
25) Isophorone	9.90	82	396340	40.906	ng	99
26) 2-Nitrophenol	10.10	139	101411	53.015	ng	92
27) 2,4-Dimethylphenol	10.14	122	176462	45.022	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	237854	39.855	ng	96
29) 2,4-Dichlorophenol	10.63	162	189942	44.341	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	193757	40.288	ng	94
31) Naphthalene	11.04	128	549035	40.517	ng	99
32) Benzoic acid	10.23	122	44305m	23.039	ng	
33) 4-Chloroaniline	11.15	127	128381	20.433	ng	97
34) Hexachlorobutadiene	11.30	225	121925	38.121	ng	95
35) Caprolactam	11.94	113	67560m	38.113	ng	
36) 4-Chloro-3-methylphenol	12.25	107	209697	42.328	ng	95
37) 2-Methylnaphthalene	12.63	142	420662	41.914	ng	99
38) 1-Methylnaphthalene	12.85	142	398129	41.152	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	235371	40.470	ng	99

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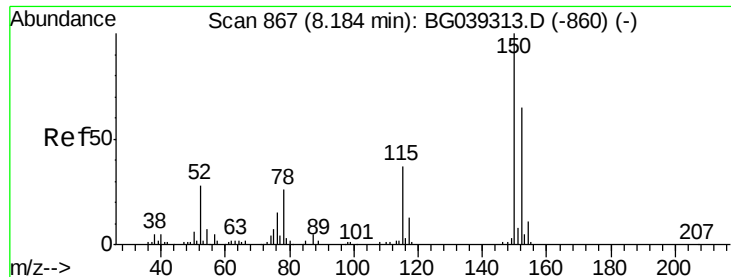
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	271959	85.814	nq	100
43) 2,4,6-Trichlorophenol	13.23	196	163584	45.746	nq	96
44) 2,4,5-Trichlorophenol	13.30	196	177586	47.384	nq	96
46) 1,1'-Biphenyl	13.63	154	563099	37.025	nq	99
47) 2-Chloronaphthalene	13.67	162	433911	37.925	nq	98
48) 2-Nitroaniline	13.89	65	154256	47.119	nq	95
49) Acenaphthylene	14.52	152	702266	40.679	nq	99
50) Dimethylphthalate	14.24	163	654675	44.346	nq	99
51) 2,6-Dinitrotoluene	14.37	165	130153	47.285	nq	99
52) Acenaphthene	14.86	154	434022	38.730	nq	98
53) 3-Nitroaniline	14.70	138	90128	32.413	nq	# 91
54) 2,4-Dinitrophenol	14.91	184	152154	107.012	nq	95
55) Dibenzofuran	15.19	168	708788	39.449	nq	99
56) 4-Nitrophenol	15.00	139	233254	86.850	nq	91
57) 2,4-Dinitrotoluene	15.15	165	191884	53.267	nq	# 84
58) Fluorene	15.84	166	564925	42.178	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	178168	50.772	nq	97
60) Diethylphthalate	15.59	149	600702	39.355	nq	98
61) 4-Chlorophenyl-phenylether	15.82	204	298245	39.325	nq	96
62) 4-Nitroaniline	15.87	138	143922	46.622	nq	96
63) Azobenzene	16.11	77	541860	36.320	nq	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	113098	59.037	nq	97
66) n-Nitrosodiphenylamine	16.04	169	524744	38.733	nq	98
67) 4-Bromophenyl-phenylether	16.72	248	196600	39.774	nq	95
68) Hexachlorobenzene	16.83	284	201910	40.714	nq	96
69) Atrazine	16.98	200	195378	39.463	nq	96
70) Pentachlorophenol	17.18	266	267733	77.677	nq	99
71) Phenanthrene	17.58	178	936791	40.623	nq	99
72) Anthracene	17.67	178	957318	42.146	nq	99
73) Carbazole	17.94	167	837621	36.950	nq	99
74) Di-n-butylphthalate	18.47	149	1005918	38.036	nq	99
75) Fluoranthene	19.58	202	1113327	41.595	nq	98
77) Benzidine	19.76	184	575274	39.948	nq	99
78) Pyrene	19.94	202	1112176	40.674	nq	99
80) Butylbenzylphthalate	20.81	149	475229	41.201	nq	95
81) Benzo(a)anthracene	21.80	228	1092716	42.102	nq	100
82) 3,3'-Dichlorobenzidine	21.72	252	255627	26.563	nq	98
83) Chrysene	21.88	228	1030360	41.704	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	655887	39.858	nq	98
85) Di-n-octyl phthalate	22.93	149	1138300	41.871	nq	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1246398	47.020	nq	97
88) Benzo(b)fluoranthene	24.13	252	1067420	42.704	nq	98
89) Benzo(k)fluoranthene	24.20	252	1050616	41.865	nq	99
90) Benzo(a)pyrene	25.04	252	1059805	44.025	nq	99
91) Dibenzo(a,h)anthracene	29.17	278	1005574	44.605	nq	99
92) Benzo(g,h,i)perylene	30.32	276	1033198	45.980	nq	98

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



#1

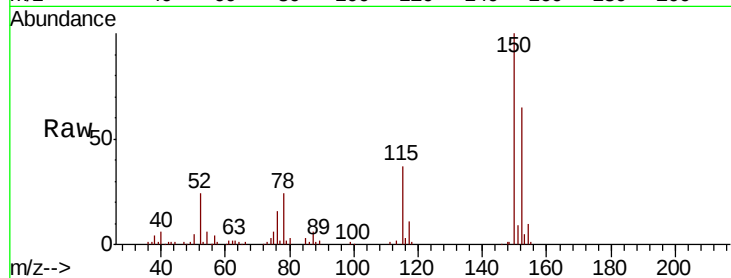
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampled :
M-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.7	185.5
115	57.3	45.9	68.9

Manual Integrations
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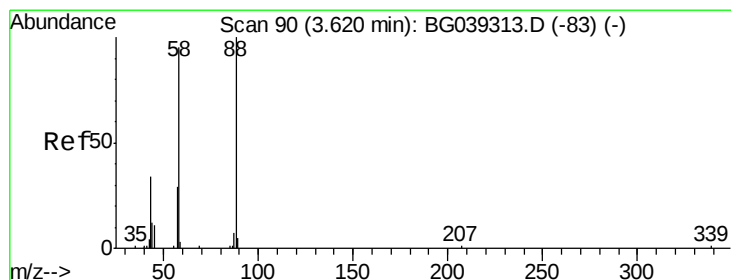
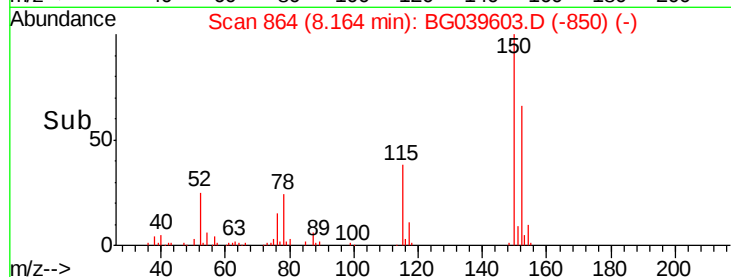
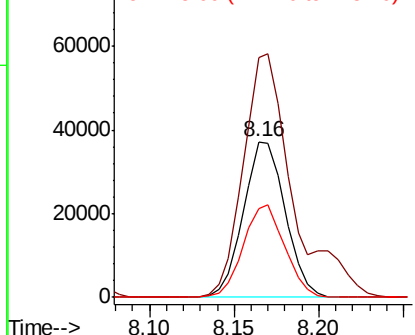


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.081 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

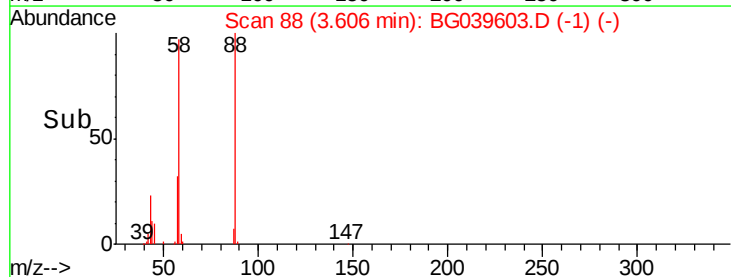
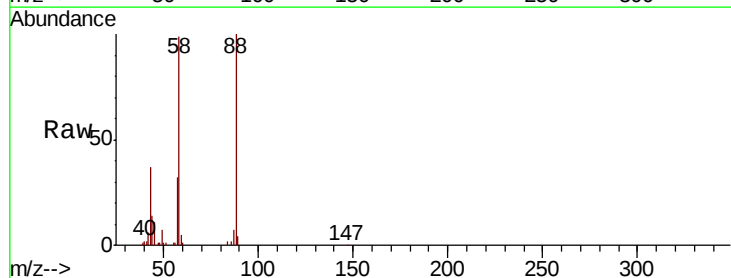
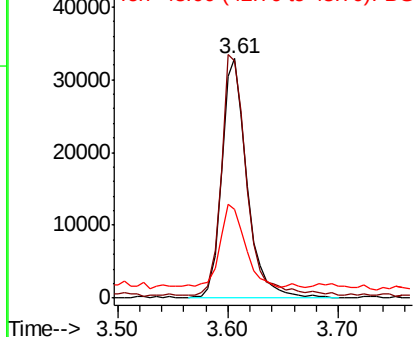
Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.2	81.1	121.7
43	34.4	31.4	47.0

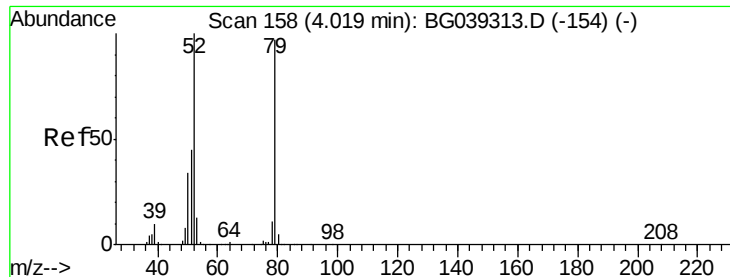
Abundance

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: 34.788 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

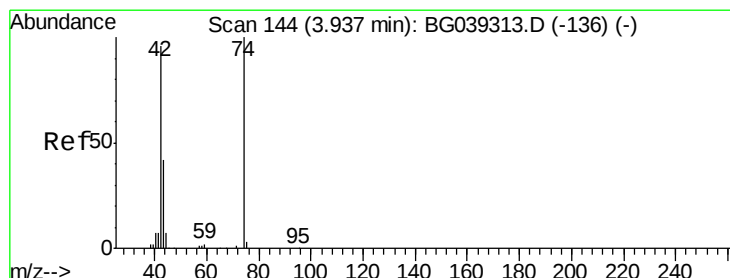
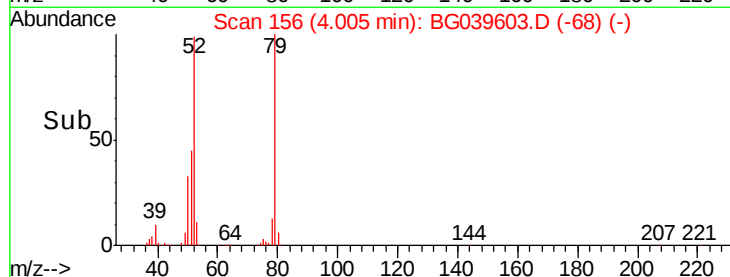
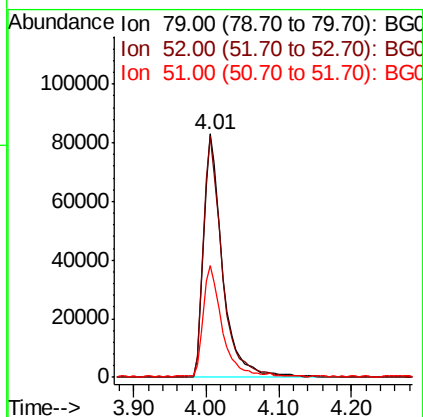
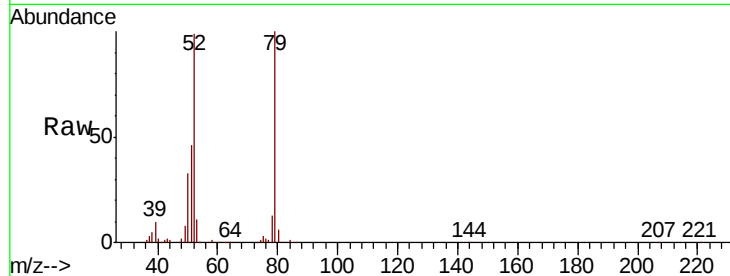
ClientSampled :

M-1MS

Tot Ion:	79	Resp:	150559
Ion Ratio	Lower	Upper	
79	100		
52	98.9	82.6	124.0
51	45.7	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 38.569 ng

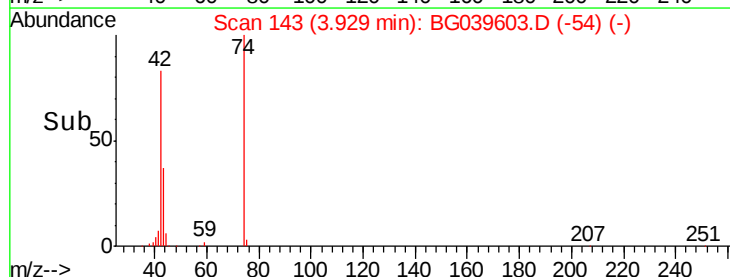
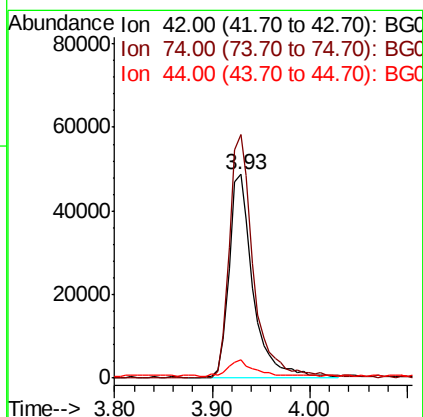
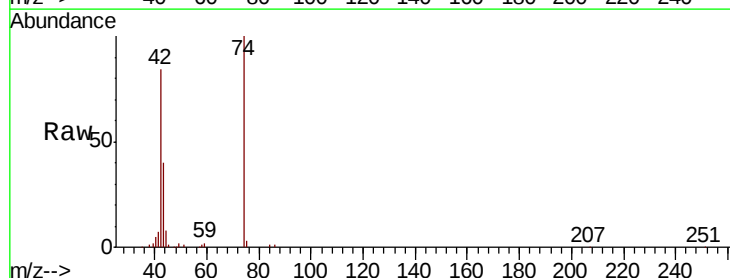
RT: 3.93 min Scan# 143

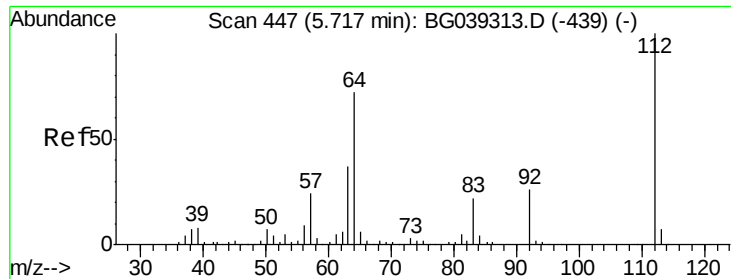
Delta R.T. -0.01 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Tgt Ion:	42	Resp:	83479
Ion Ratio	Lower	Upper	
42	100		
74	119.7	83.6	125.4
44	9.1	6.9	10.3





#5

2-Fluorophenol

Concen: 129.414 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

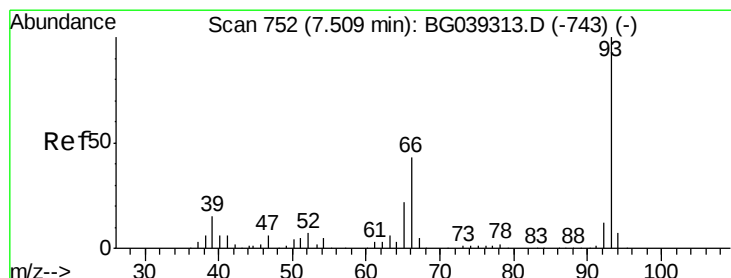
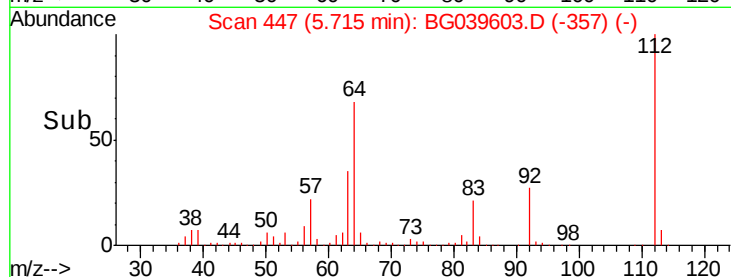
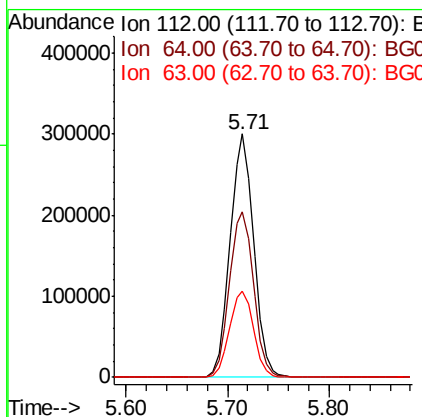
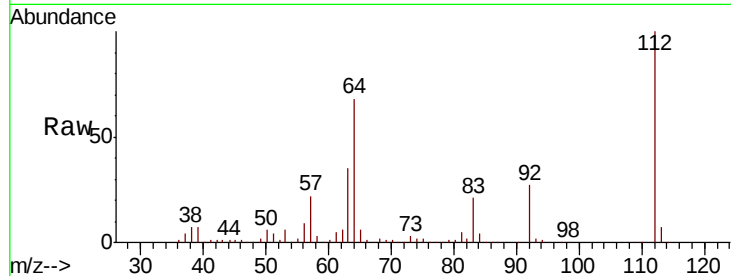
ClientSampled :

M-1MS

Tot Ion:	112	Resp:	483611
Ion Ratio	Lower	Upper	
112	100		
64	68.0	57.8	86.8
63	35.3	29.8	44.6

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#6

Aniline

Concen: 31.188 ng

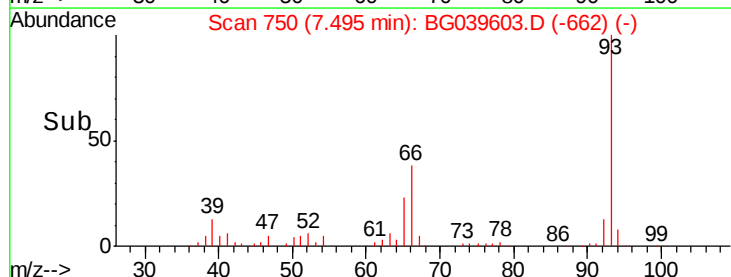
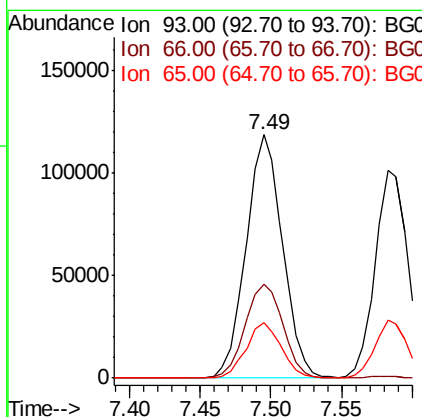
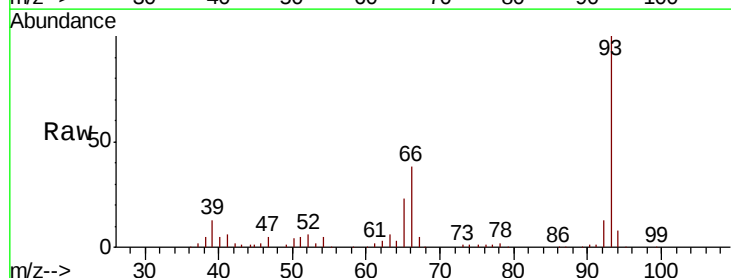
RT: 7.49 min Scan# 750

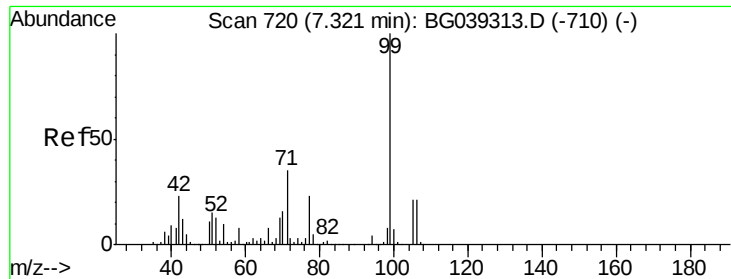
Delta R.T. -0.01 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Tgt Ion:	93	Resp:	214884
Ion Ratio	Lower	Upper	
93	100		
66	38.4	34.2	51.4
65	22.7	17.7	26.5





#7

Phenol-d6

Concen: 129.839 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

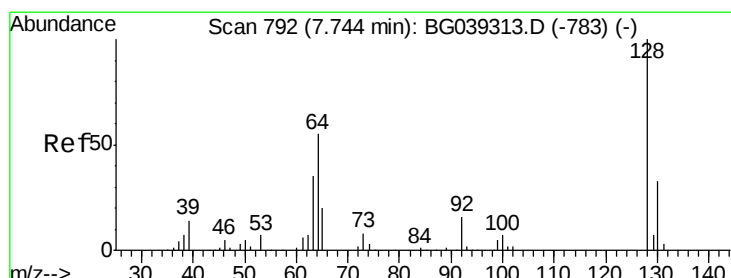
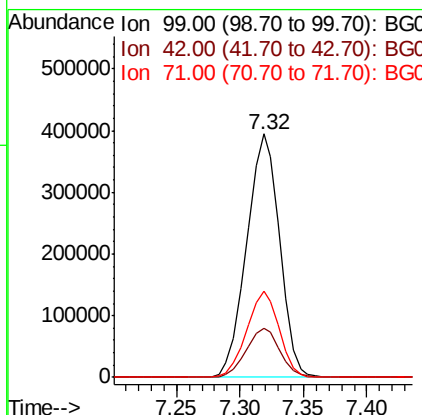
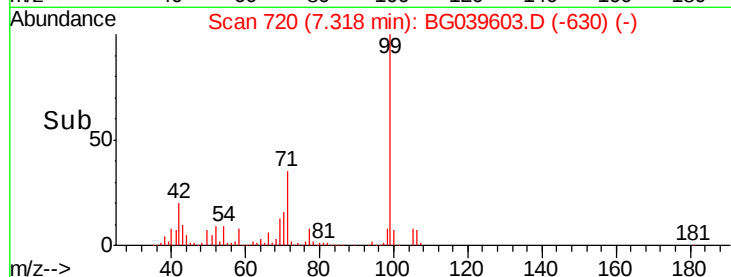
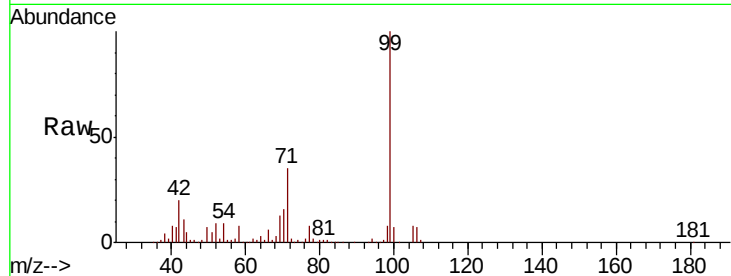
ClientSampled :

M-1MS

Tot Ion:	99	Resp:	714202
Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.2	27.2
71	35.4	28.0	42.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.063 ng

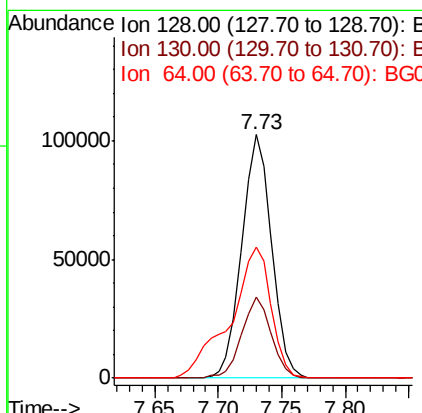
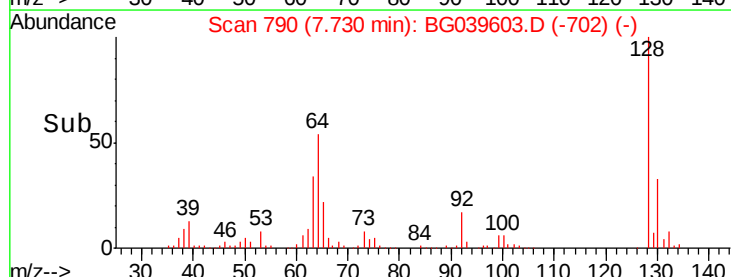
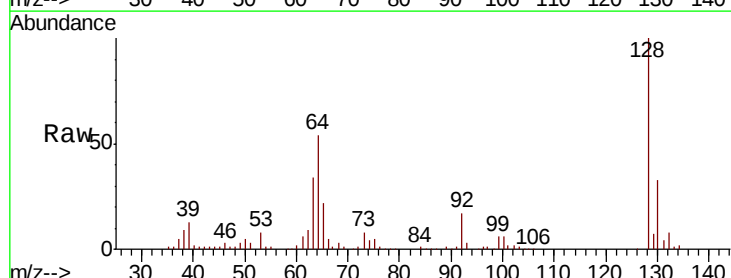
RT: 7.73 min Scan# 790

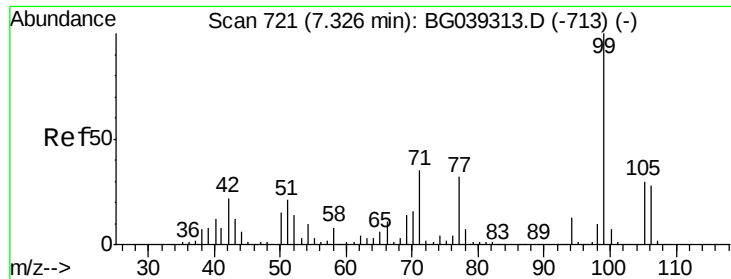
Delta R.T. -0.01 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Tgt Ion:	128	Resp:	167736
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.9	52.9
64	53.6	38.7	78.7





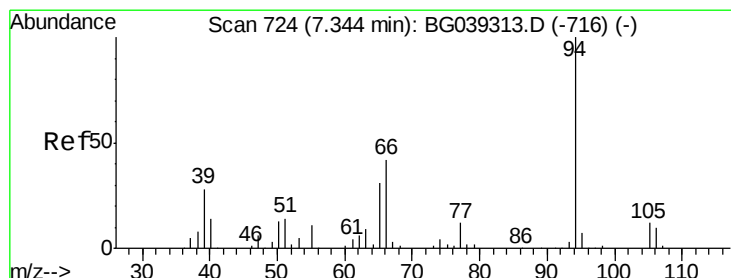
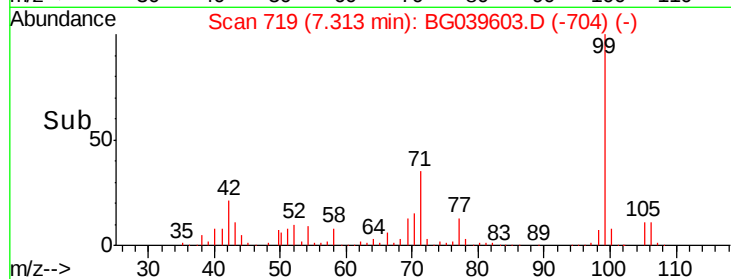
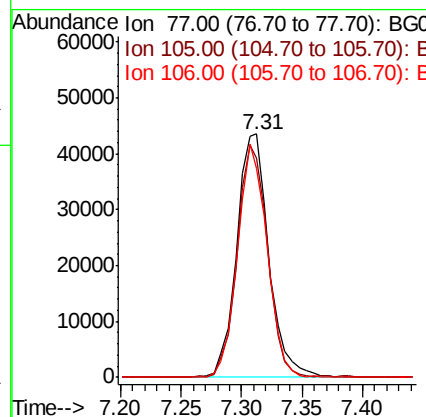
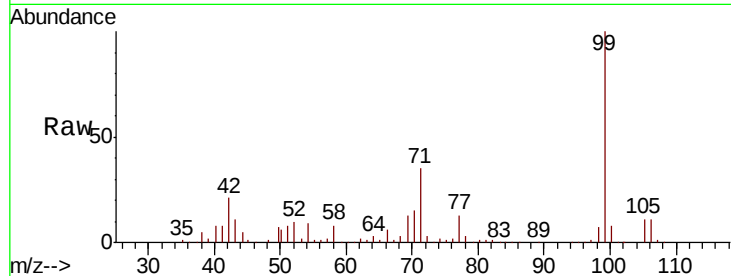
#9
Benzaldehyde
Concen: 26.542 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampled :
M-1MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.2	74.5	114.5
106	86.0	68.0	108.0

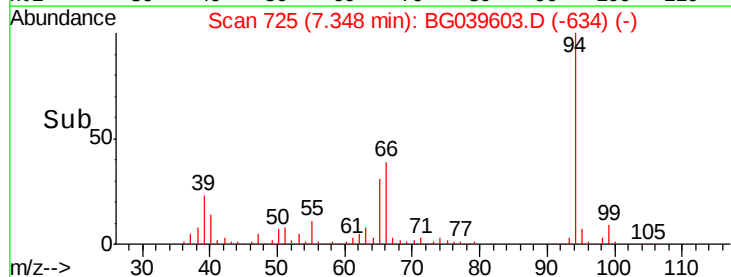
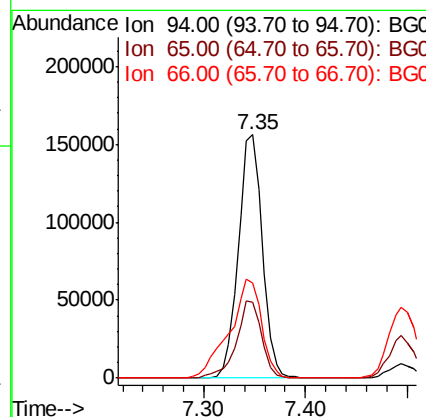
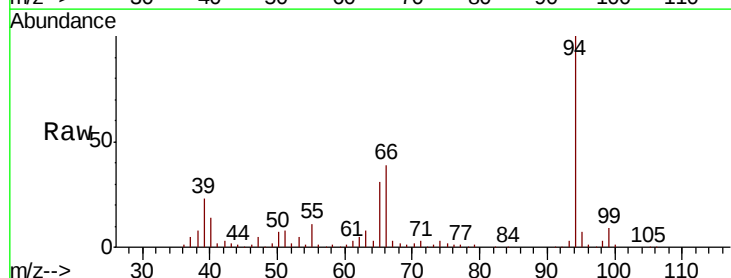
Manual Integrations
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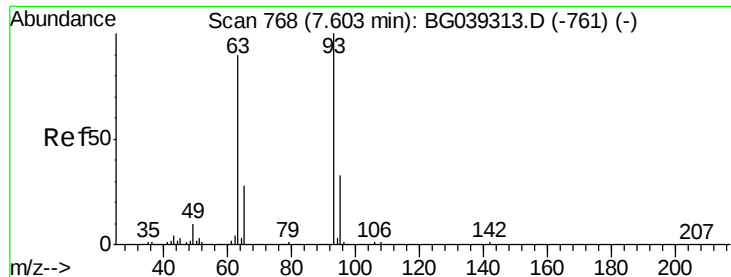
Sohil
2/27/2019 4:21:44 PM



#10
Phenol
Concen: 44.705 ng
RT: 7.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.7	51.7
66	39.3	23.7	63.7





#11

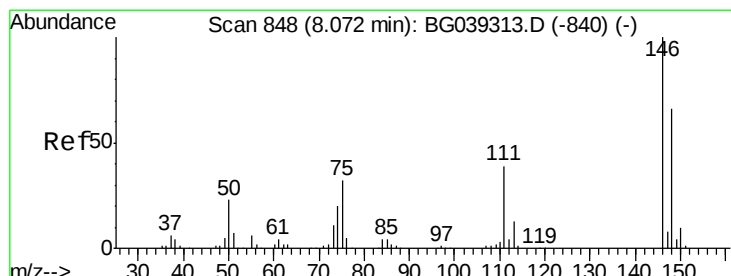
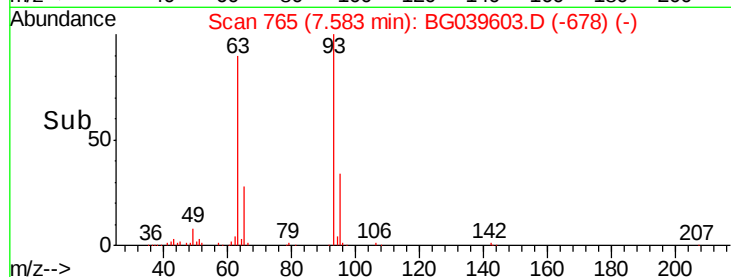
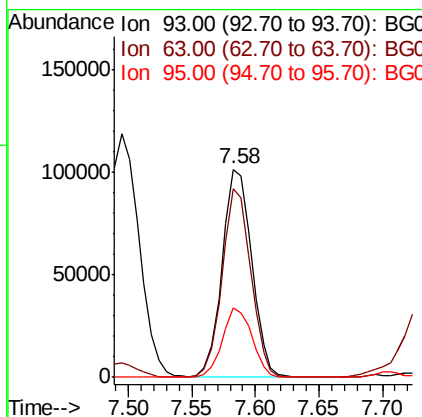
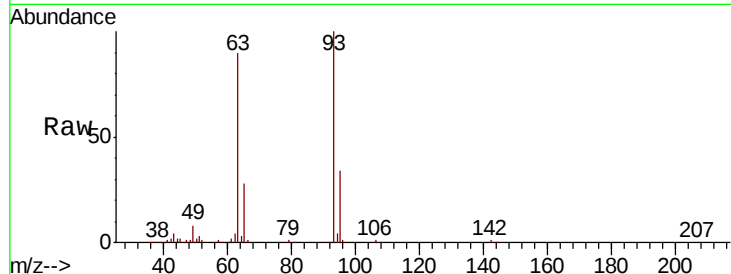
bis(2-Chloroethyl)ether
Concen: 36.437 ng
RT: 7.58 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.4	69.5	109.5
95	33.6	12.7	52.7

Manual Integrations
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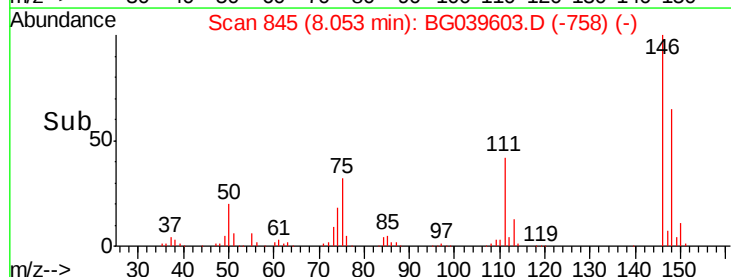
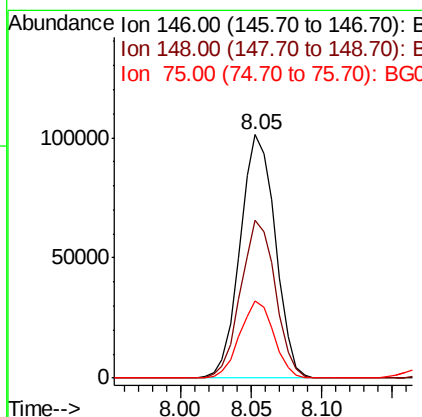
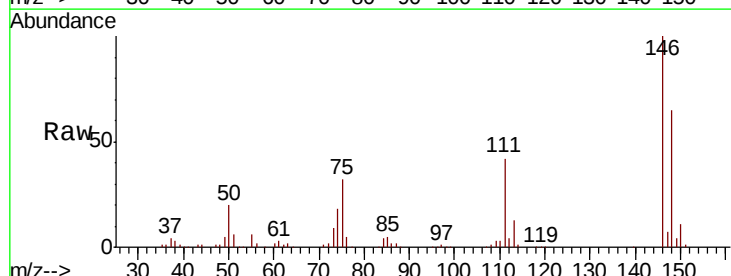
Sohil
2/27/2019 4:21:44 PM

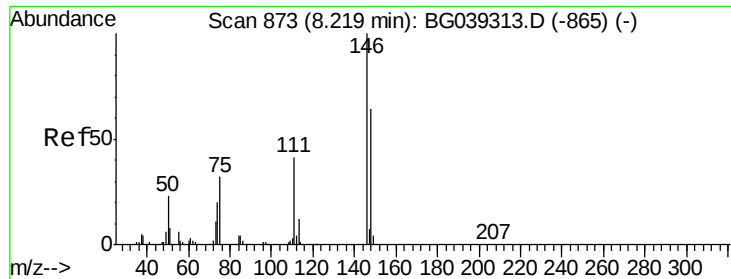


#12

1,3-Dichlorobenzene
Concen: 35.716 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.6	79.0
75	31.7	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 36.729 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

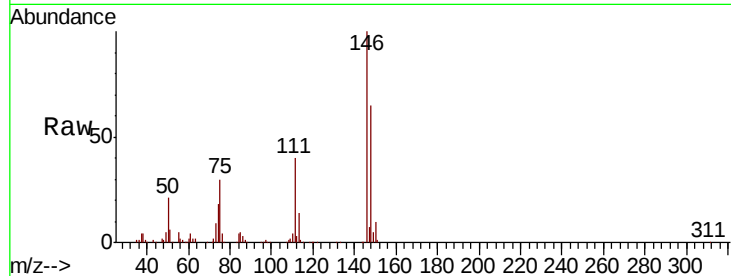
ClientSampled :

M-1MS

Tot Ion:	146	Resp:	181153
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.1	76.7
111	40.2	32.6	48.8

Manual Integrations
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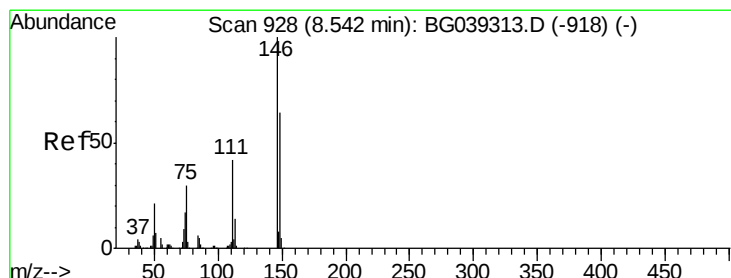
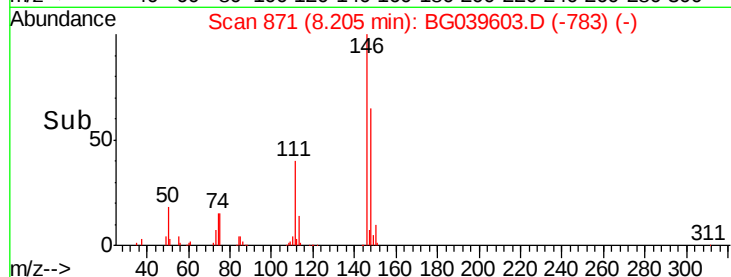
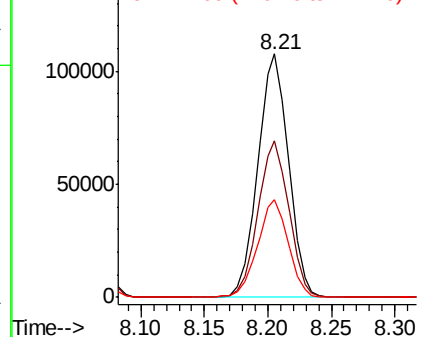


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.630 ng

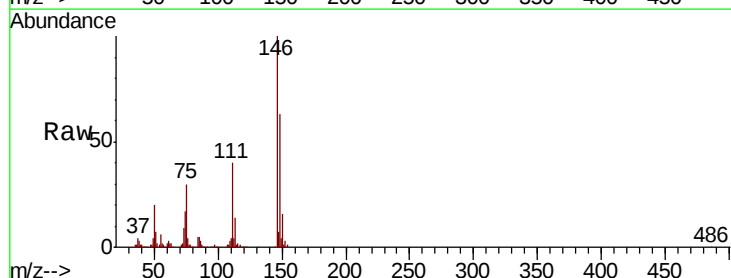
RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Tgt Ion:	146	Resp:	174900
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.5	77.3
111	40.2	33.8	50.6

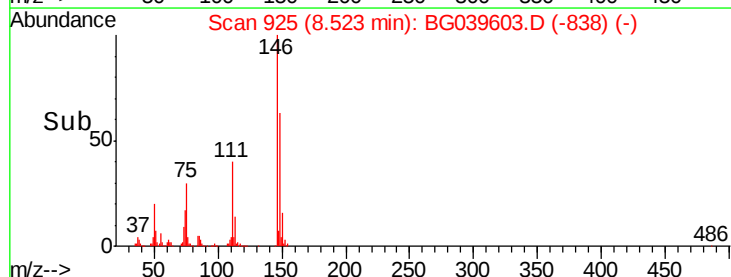
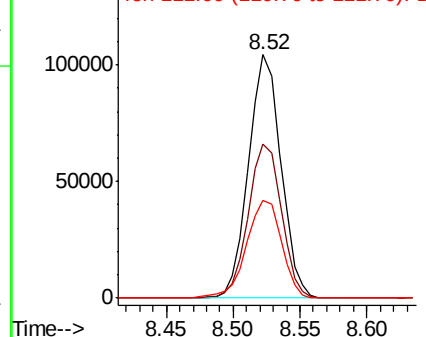


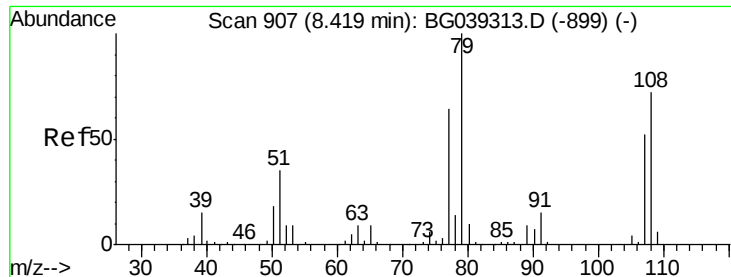
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.364 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

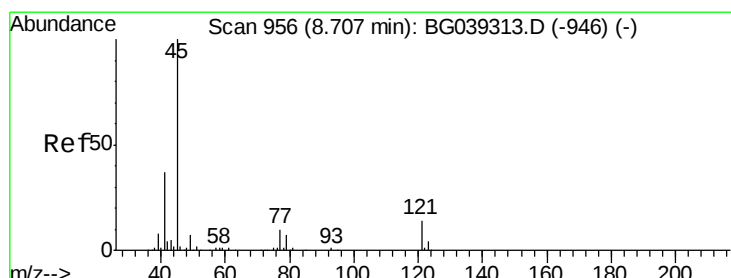
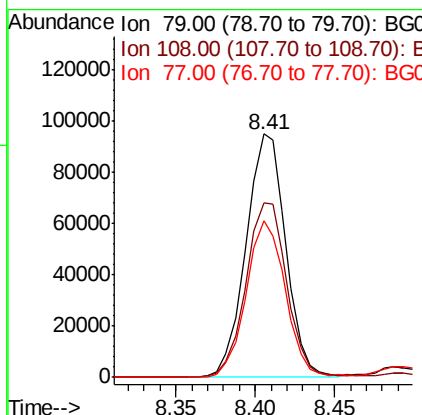
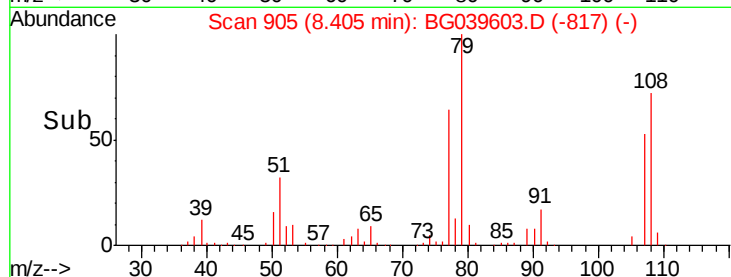
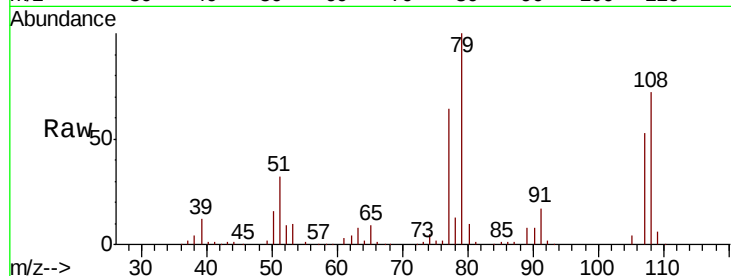
ClientSampled :

M-1MS

Tot Ion:	79	Resp:	165676
Ion Ratio	Lower	Upper	
79	100		
108	71.8	57.8	86.6
77	64.4	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.731 ng

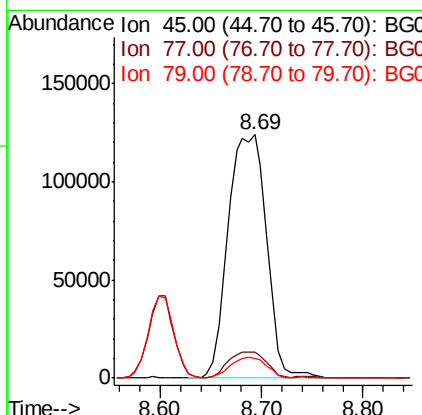
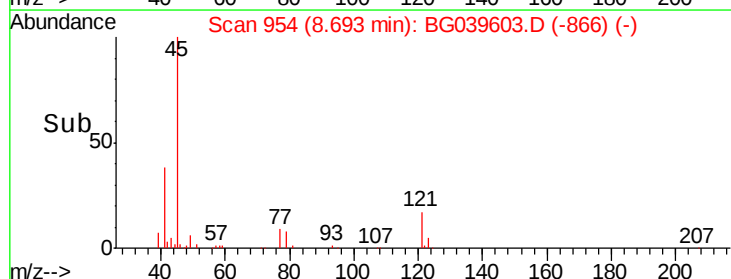
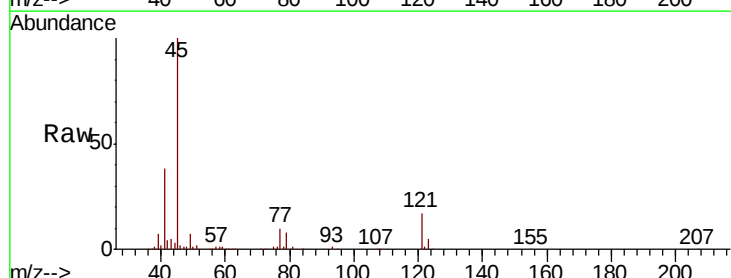
RT: 8.69 min Scan# 954

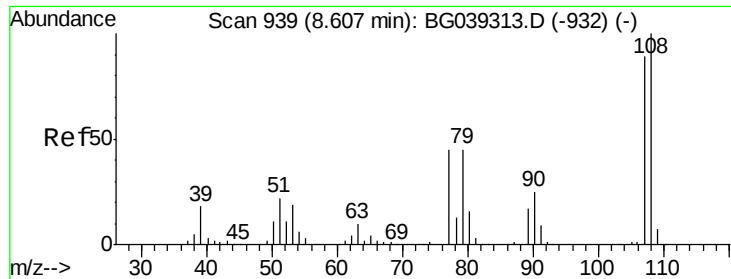
Delta R.T. -0.01 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Tgt Ion:	45	Resp:	324667
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	30.0
79	8.3	0.0	27.5





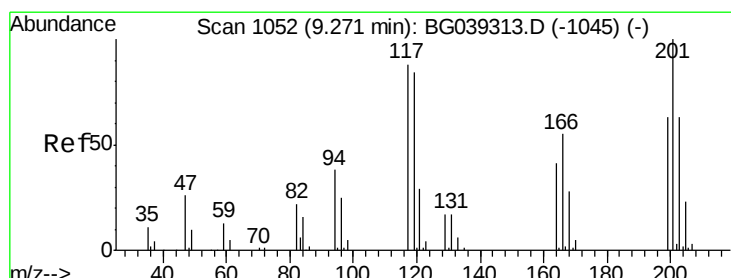
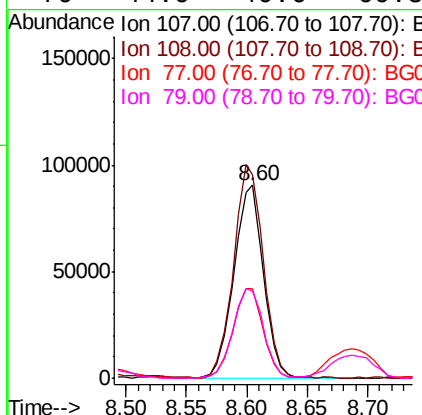
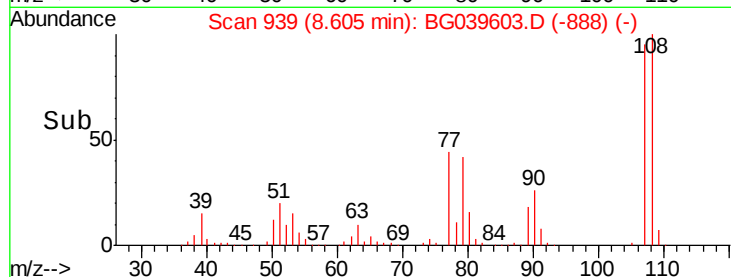
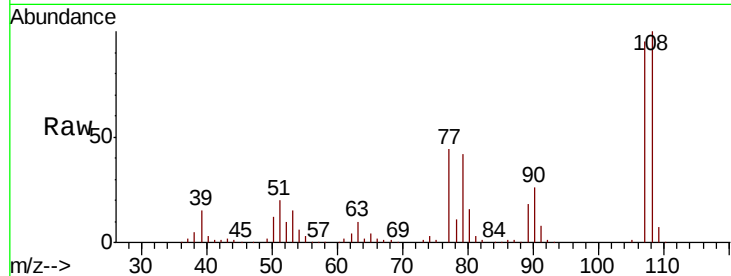
#17
2-Methylphenol
Concen: 41.623 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.6	90.8	136.2
77	46.6	40.7	61.1
79	44.9	40.6	60.8

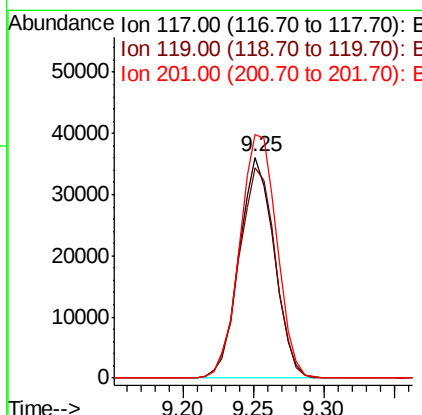
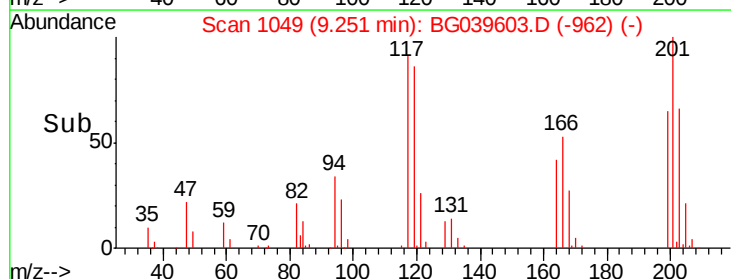
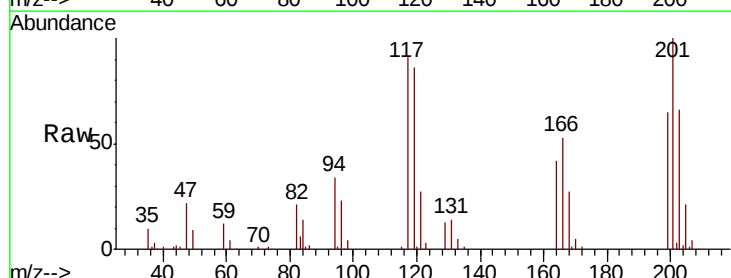
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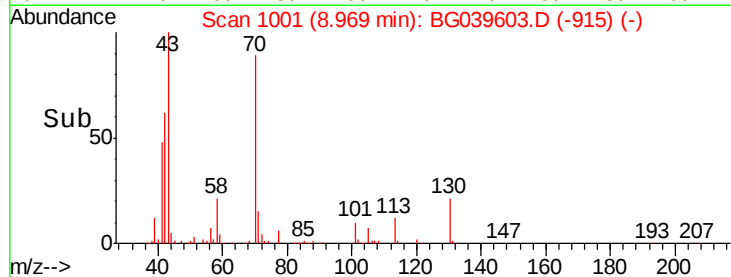
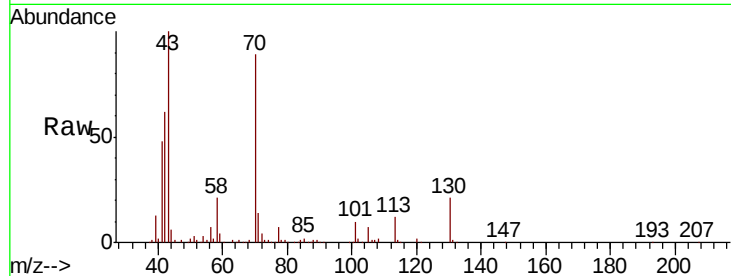
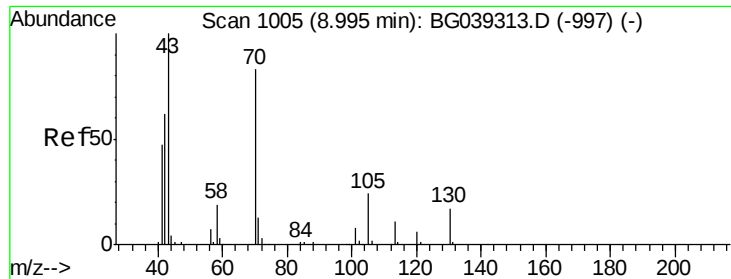
Sohil
2/27/2019 4:21:44 PM



#18
Hexachloroethane
Concen: 37.004 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.3	114.5
201	110.2	91.1	136.7





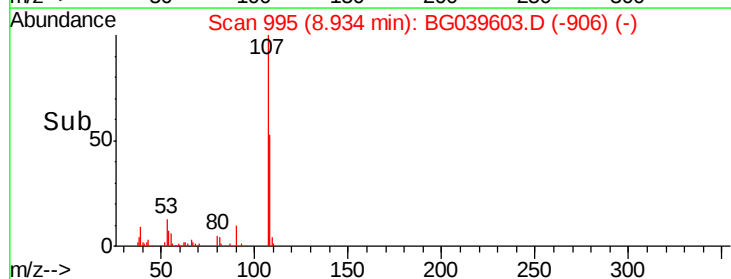
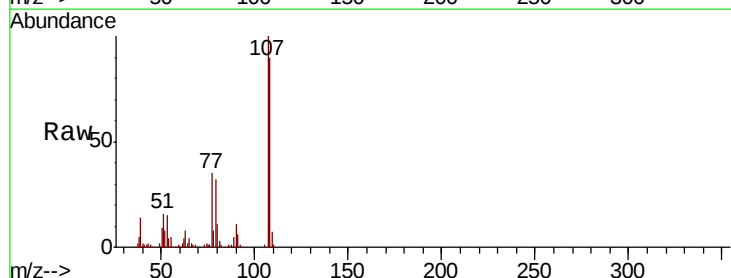
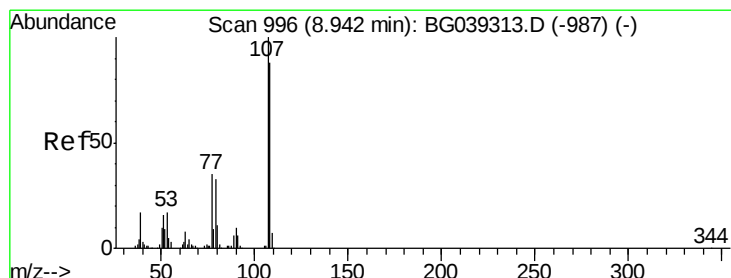
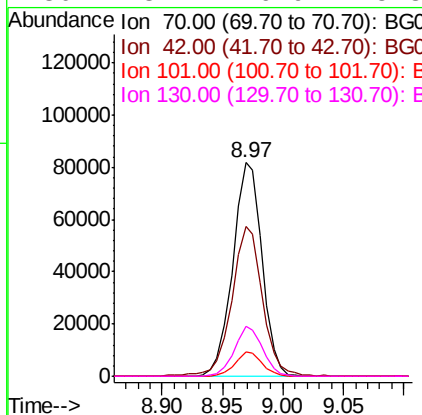
#19
n-Nitroso-di-n-propylamine
Concen: 35.158 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.3	60.4	90.6	
101	11.4	7.5	11.3	
130	23.4	16.9	25.3	

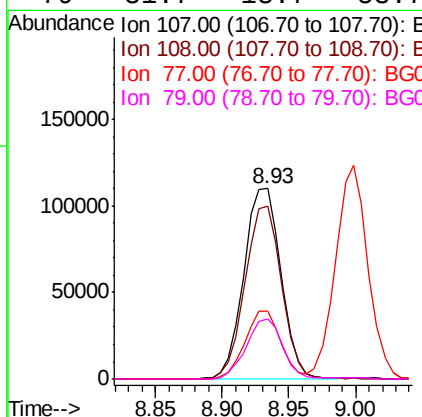
Manual Integrations
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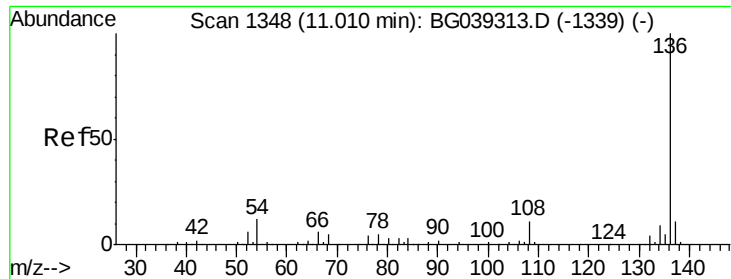
Sohil
2/27/2019 4:21:44 PM



#20
3+4-Methylphenols
Concen: 41.378 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	67.9	107.9	
77	35.5	15.4	55.4	
79	31.7	13.7	53.7	





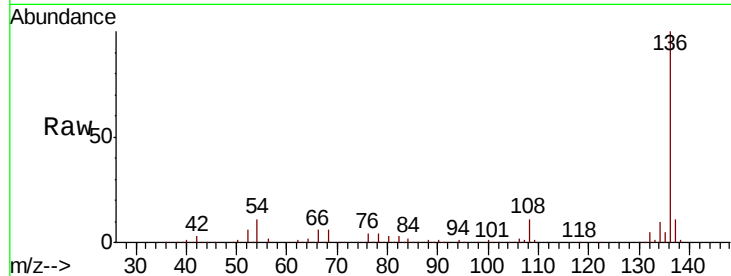
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

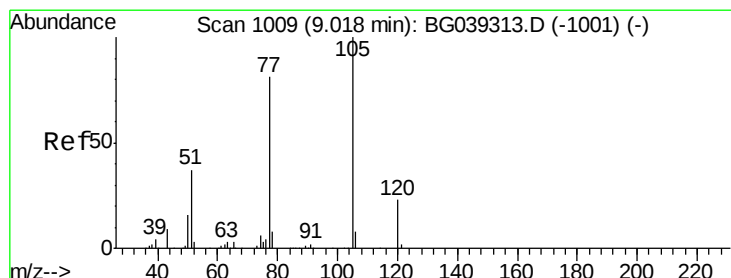
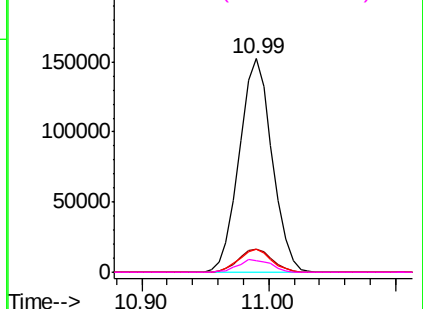
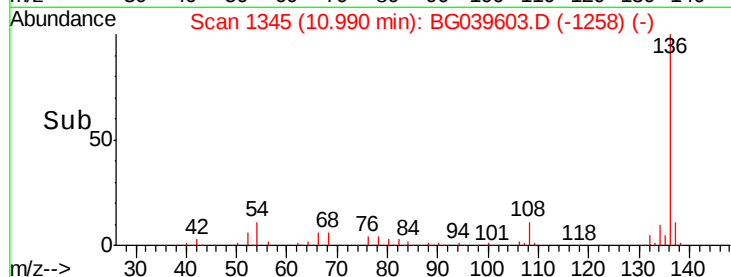
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		273147		
137	11.0	9.1	13.7		
54	10.5	9.4	14.2		
68	5.6	4.2	6.4		

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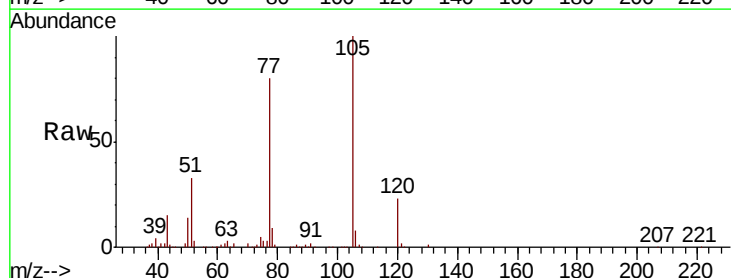


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

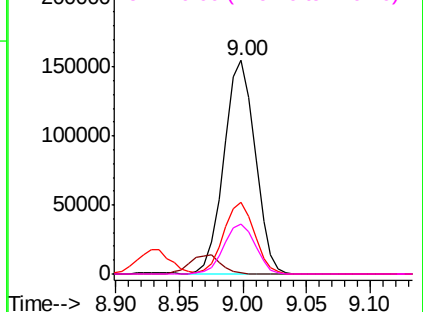
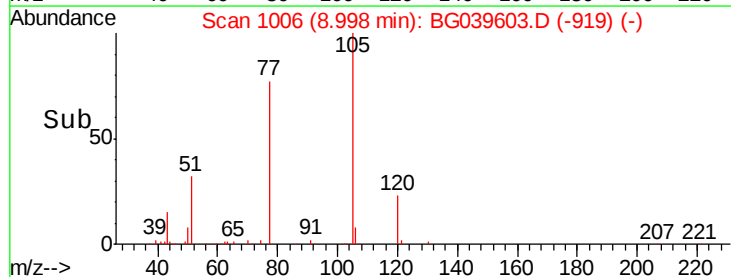


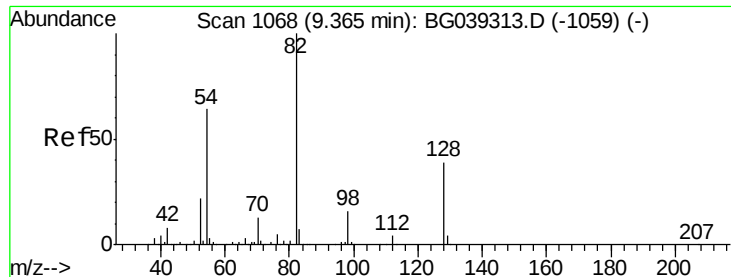
#22
Acetophenone
Concen: 35.911 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		263488		
71	0.3	0.8	1.2#		
51	33.4	30.2	45.2		
120	23.4	18.0	27.0		



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





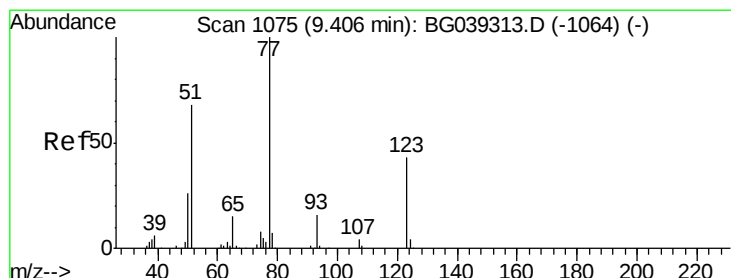
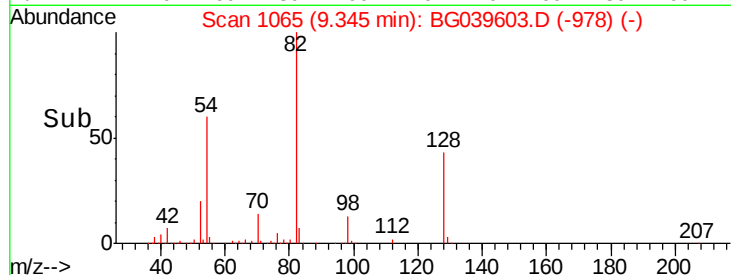
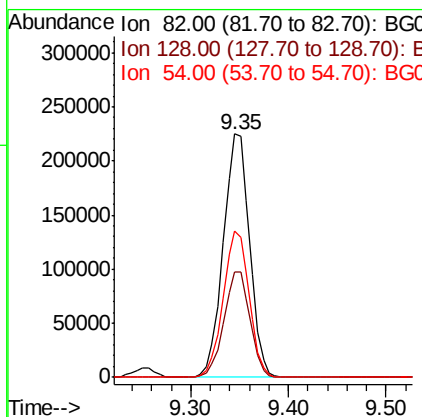
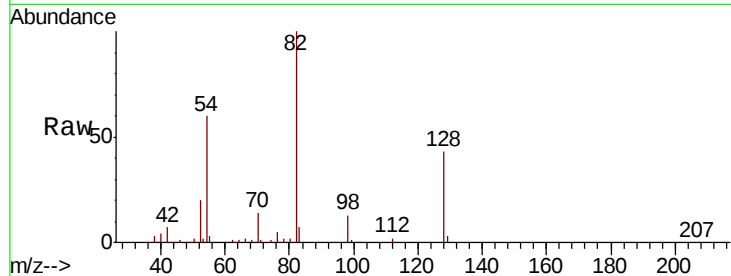
#23
 Nitrobenzene-d5
 Concen: 95.913 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039603.D
 Acq: 26 Feb 2019 16:41

Instrument :
 BNA_G
 ClientSampleId :
 M-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	31.3	46.9
54	60.4	50.9	76.3

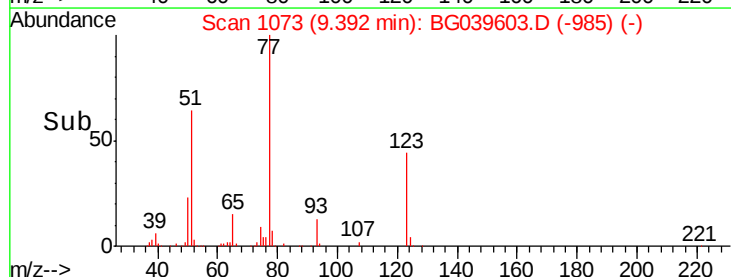
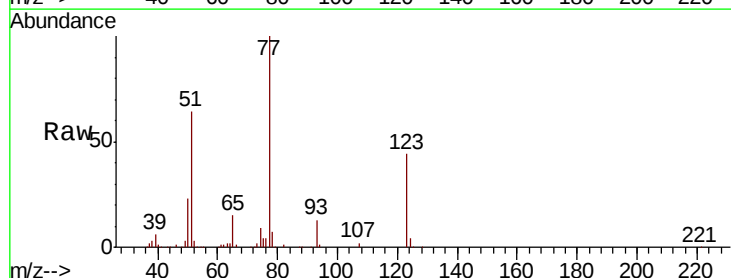
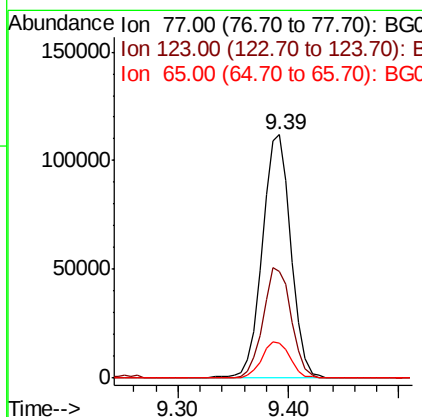
Manual Integrations
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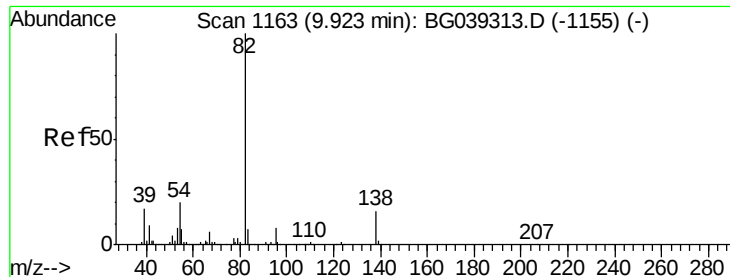
Sohil
 2/27/2019 4:21:44 PM



#24
 Nitrobenzene
 Concen: 42.807 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039603.D
 Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	34.1	51.1
65	14.5	12.3	18.5





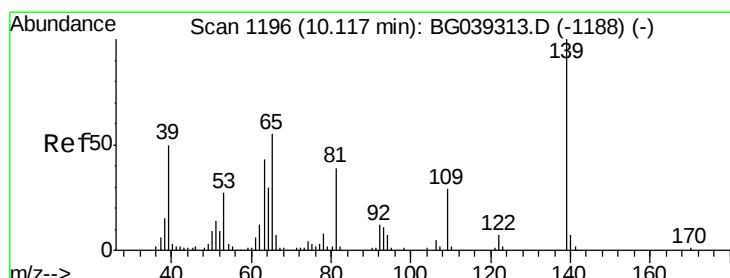
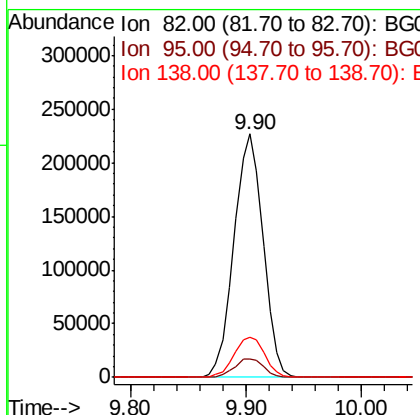
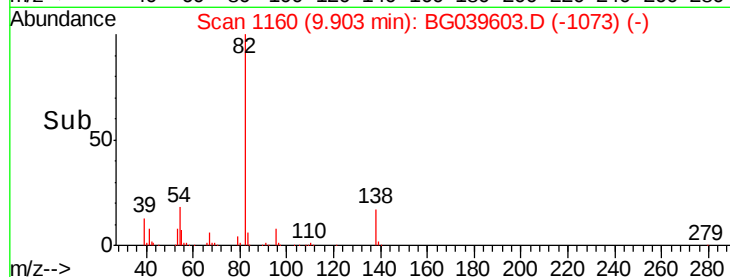
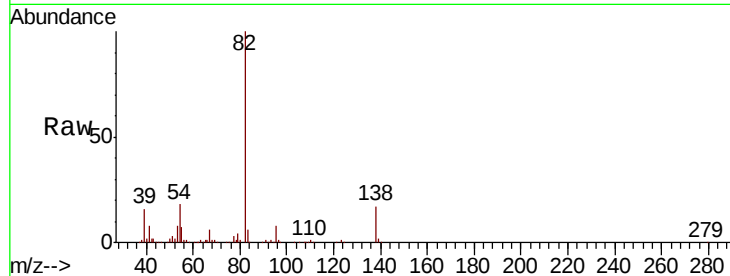
#25
Isophorone
Concen: 40.906 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.2	9.2
138	16.7	13.0	19.4

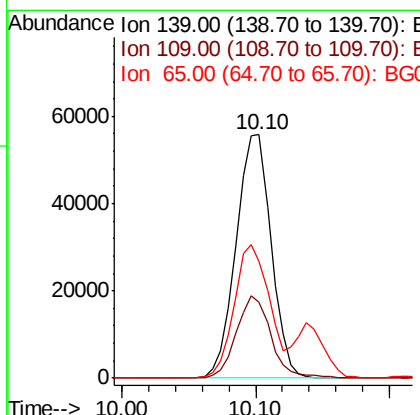
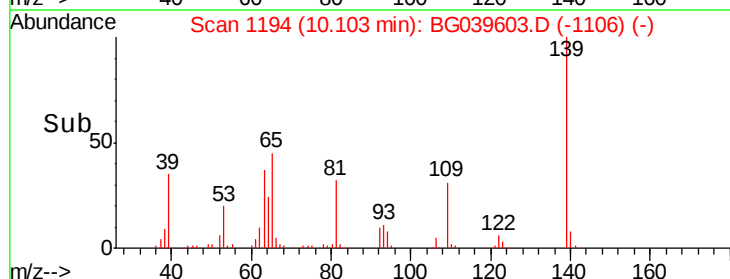
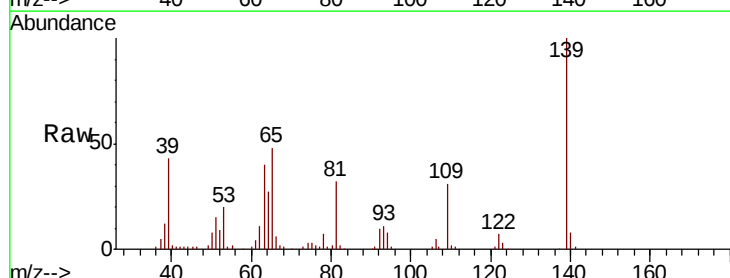
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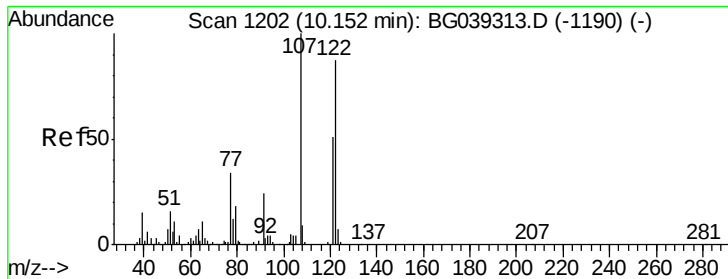
Sohil
2/27/2019 4:21:44 PM



#26
2-Nitrophenol
Concen: 53.015 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.0	23.4	35.0
65	47.8	44.3	66.5





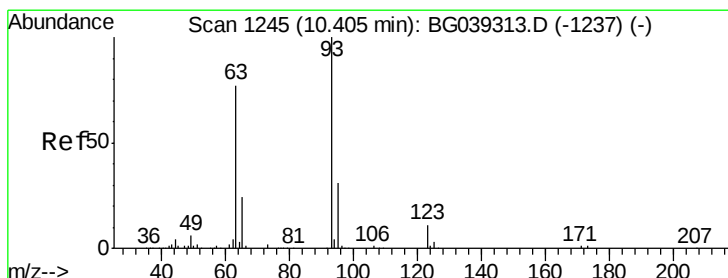
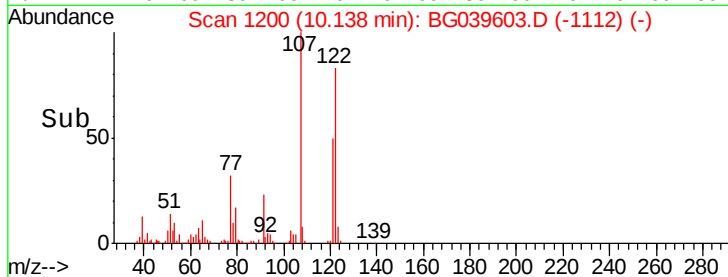
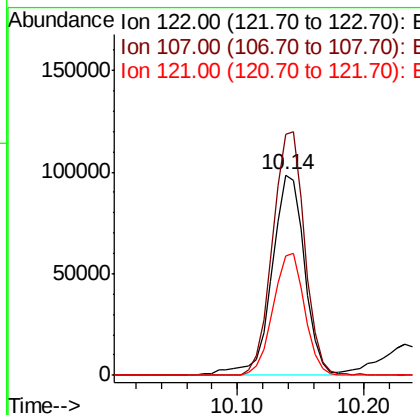
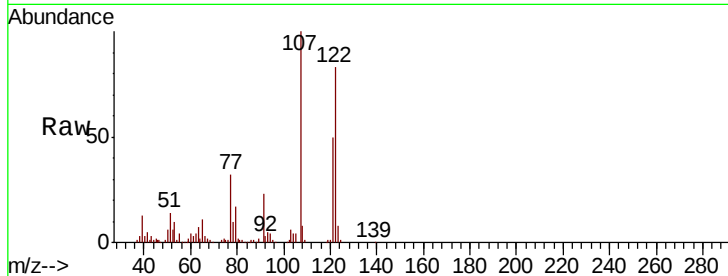
#27
 2,4-Dimethylphenol
 Concen: 45.022 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BG039603.D
 Acq: 26 Feb 2019 16:41

Instrument :
 BNA_G
 ClientSampleId :
 M-1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.1	91.7	137.5
121	59.9	46.4	69.6

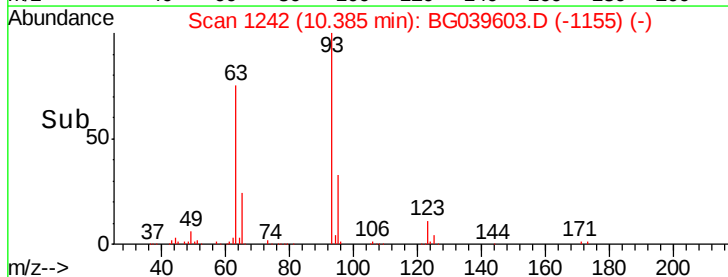
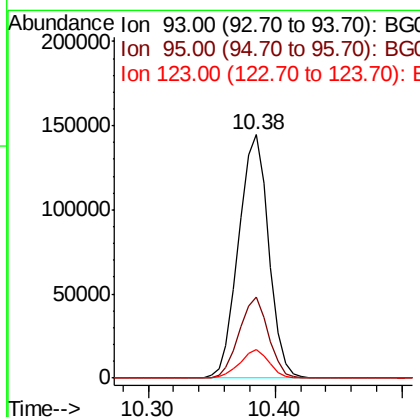
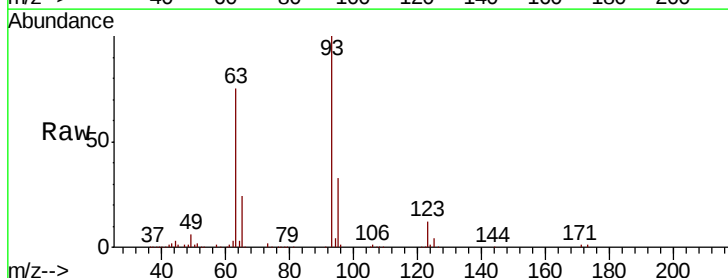
Manual Integrations
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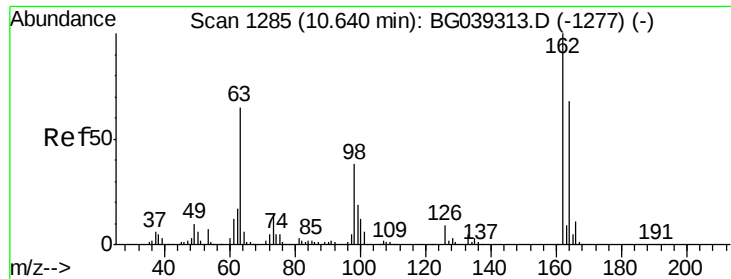
Sohil
 2/27/2019 4:21:44 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.855 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG039603.D
 Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.0	37.4
123	11.6	8.6	12.8





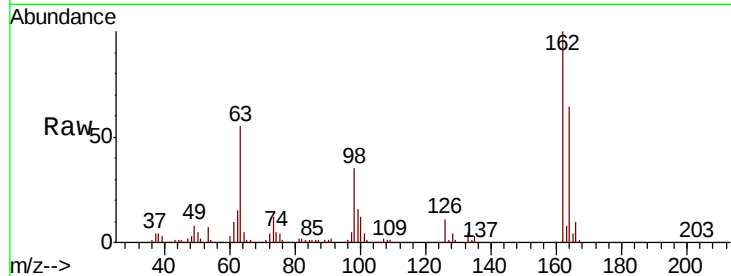
#29
2,4-Dichlorophenol
Concen: 44.341 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampled :
M-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	189942		
164	63.5	48.1	88.1	
98	35.3	18.1	58.1	

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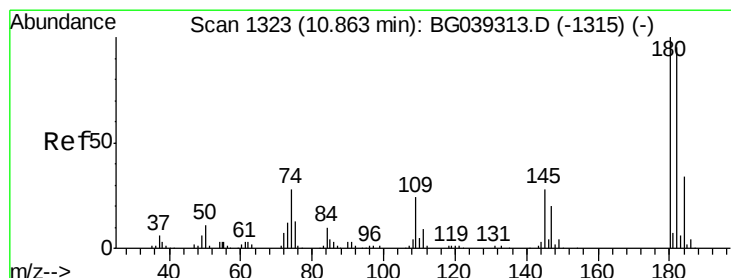
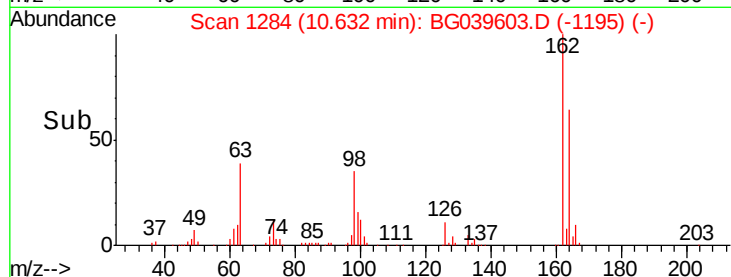
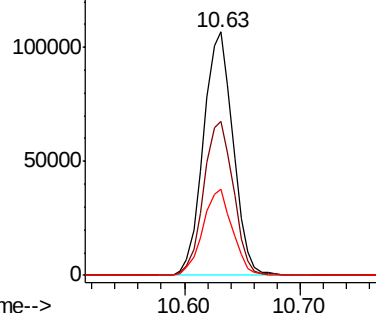


Abundance

Ion 162.00 (161.70 to 162.70): E

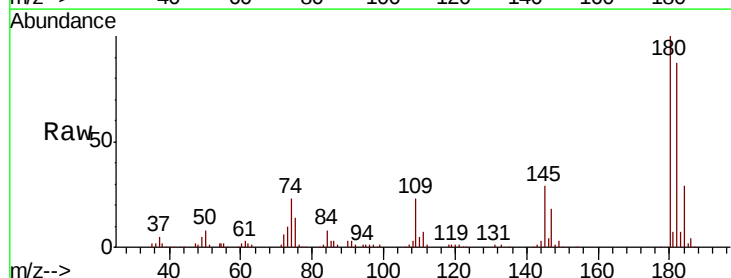
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 40.288 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	193757		
182	87.3	76.0	114.0	
145	28.7	22.7	34.1	

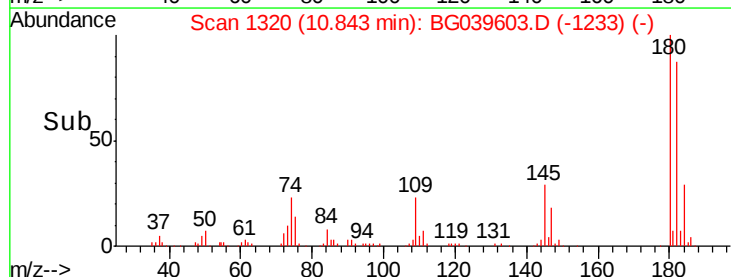
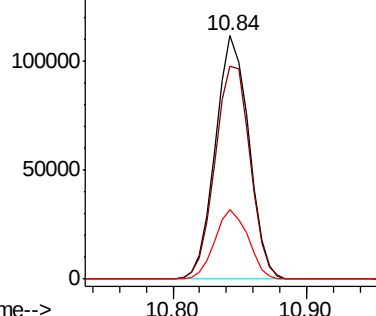


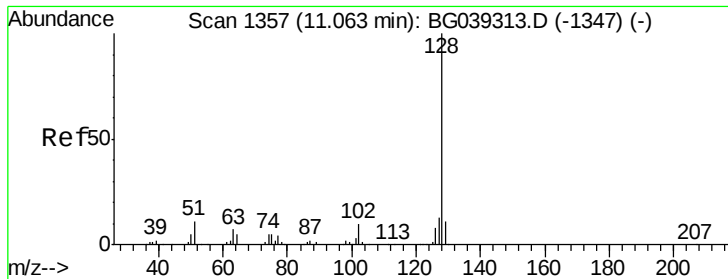
Abundance

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





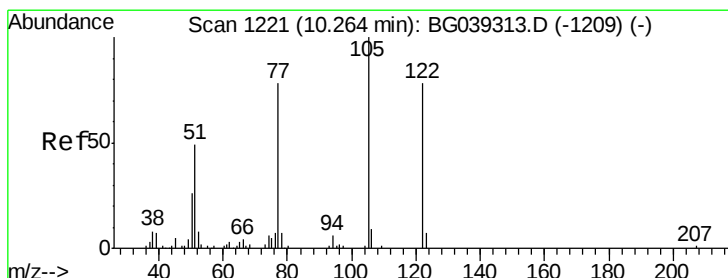
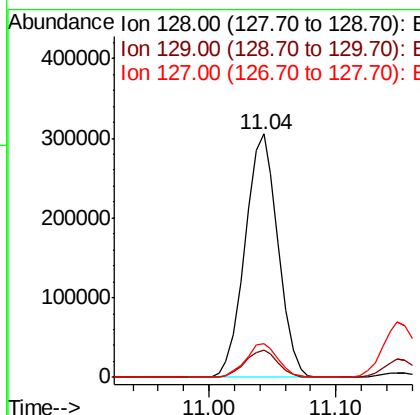
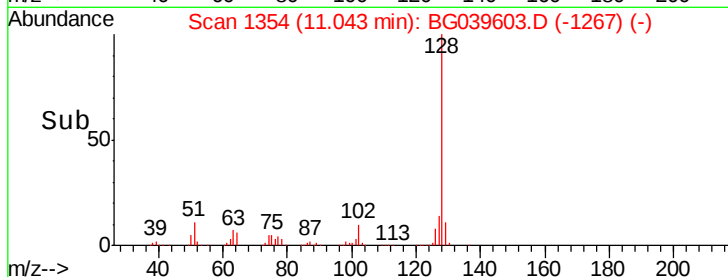
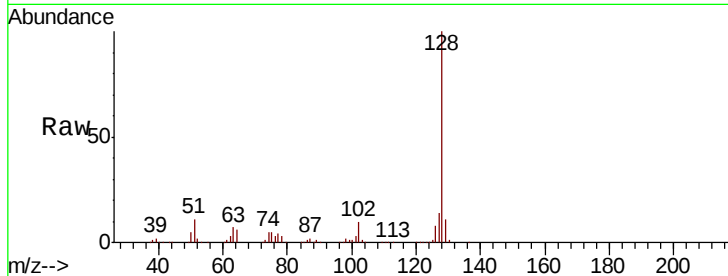
#31
Naphthalene
Concen: 40.517 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	14.0	10.8	16.2

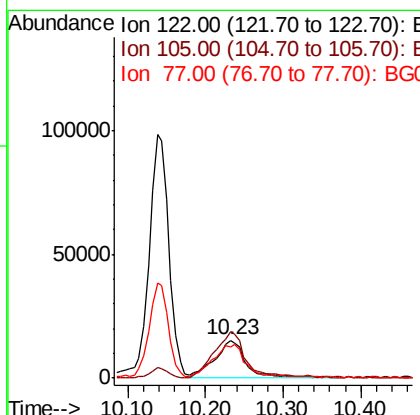
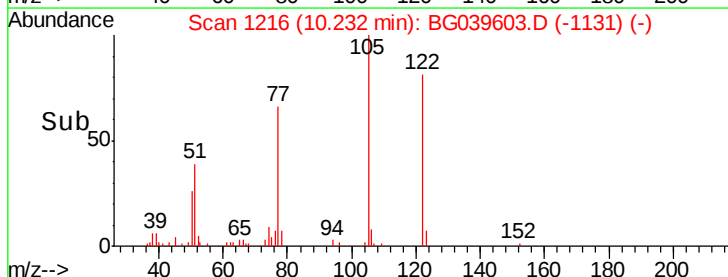
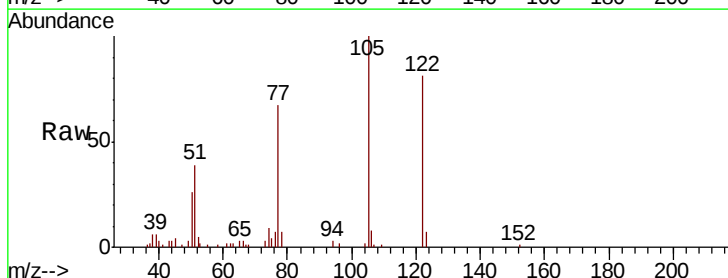
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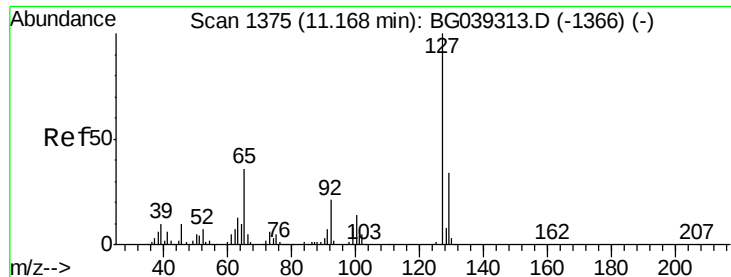
Sohil
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#32
Benzoic acid
Concen: 23.039 ng m
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	101.8	141.8
77	83.2	76.3	116.3





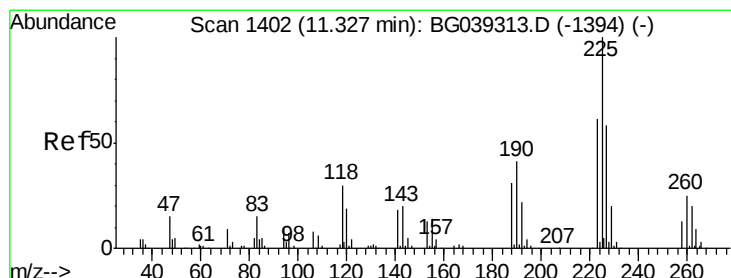
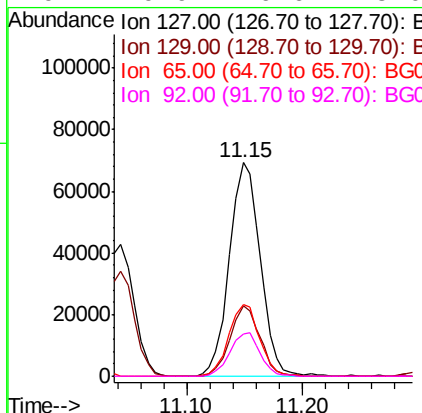
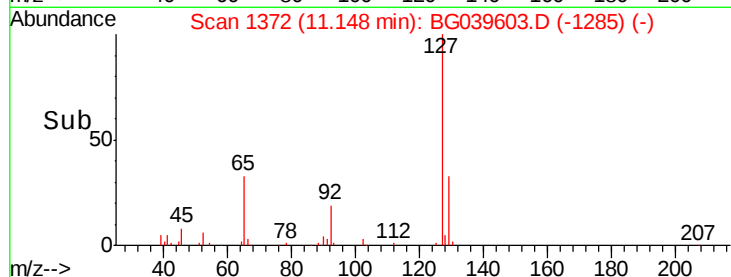
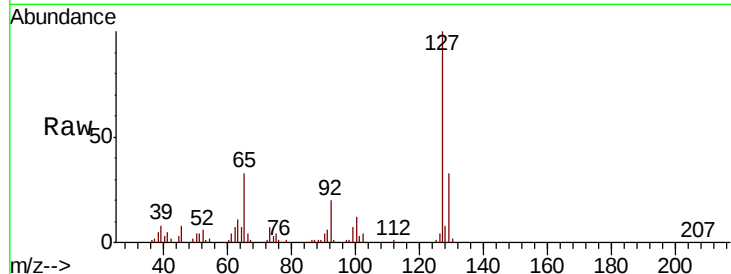
#33
4-Chloroaniline
Concen: 20.433 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampled :
M-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	27.0	40.4		
65	33.5	28.8	43.2		
92	19.9	16.6	25.0		

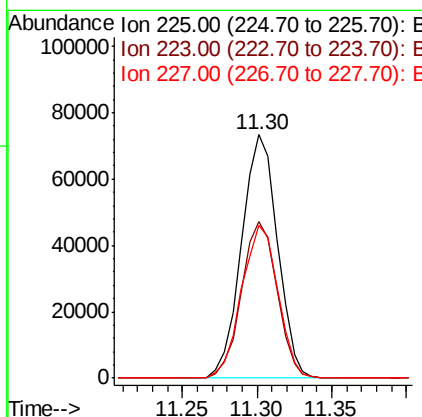
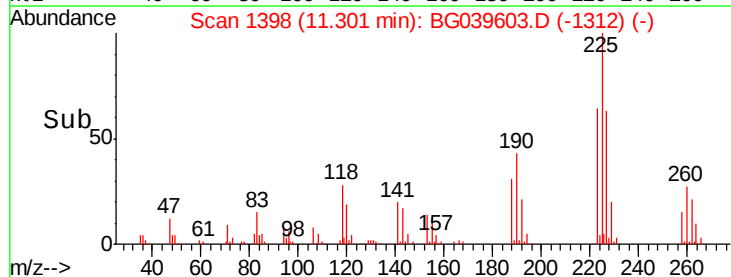
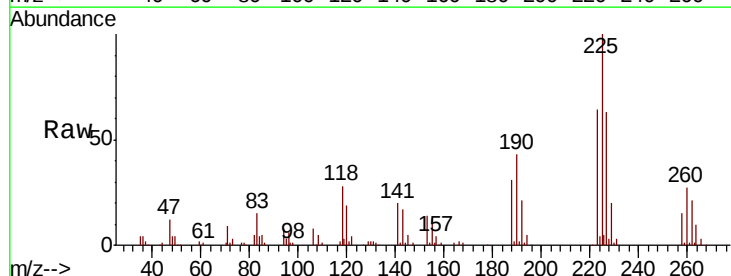
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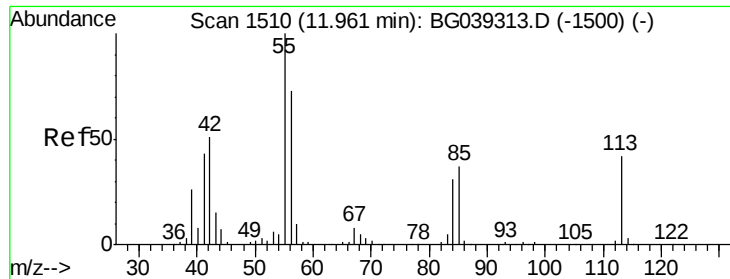
Sohil
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#34
Hexachlorobutadiene
Concen: 38.121 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	49.0	73.6		
227	62.8	46.3	69.5		





#35

Caprolactam

Concen: 38.113 ng/ml

RT: 11.94 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

ClientSampled :

M-1MS

Tot Ion:113 Resp: 67560

Ion Ratio Lower Upper

113 100

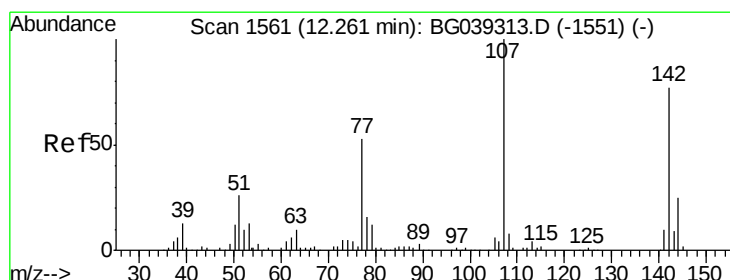
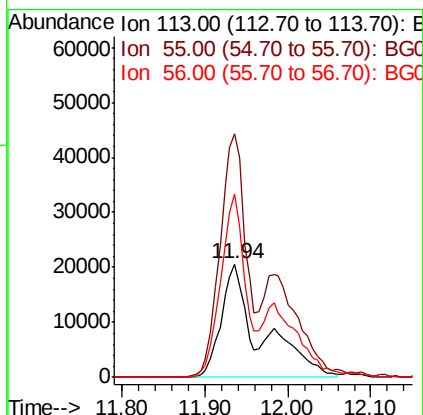
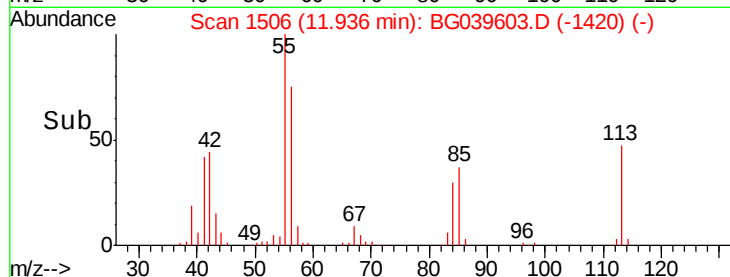
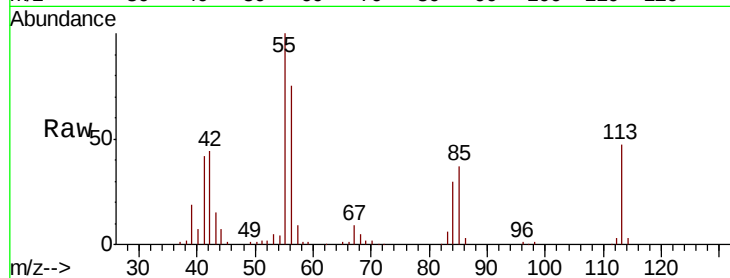
55 215.0 216.9 256.9#

56 162.0 152.6 192.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 42.328 ng/ml

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

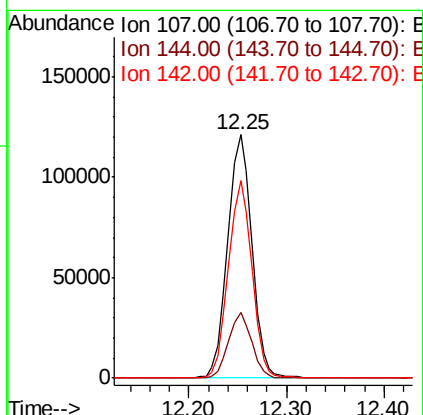
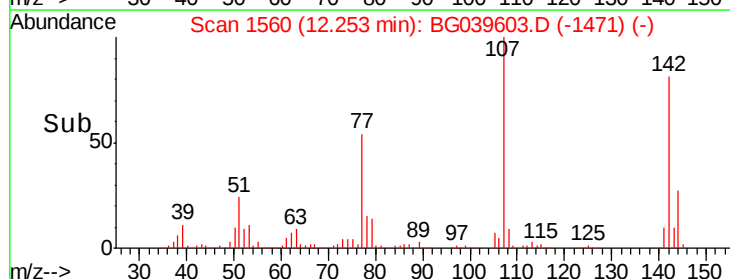
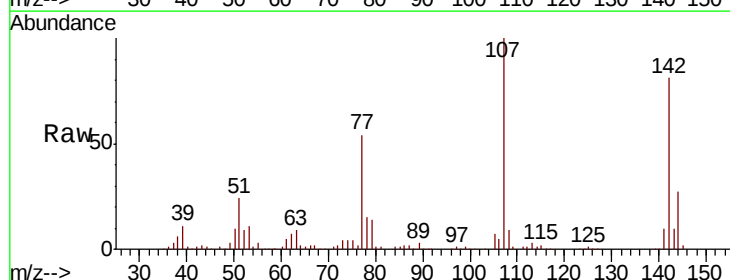
Tgt Ion:107 Resp: 209697

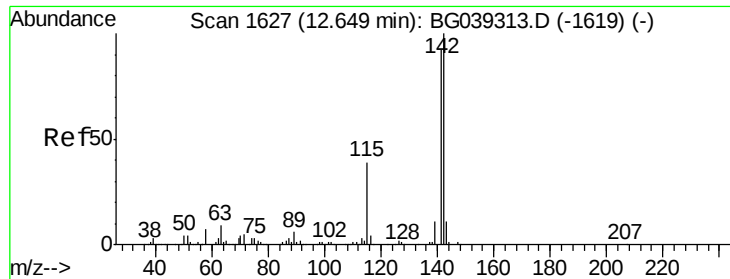
Ion Ratio Lower Upper

107 100

144 26.8 20.2 30.2

142 81.1 61.4 92.2





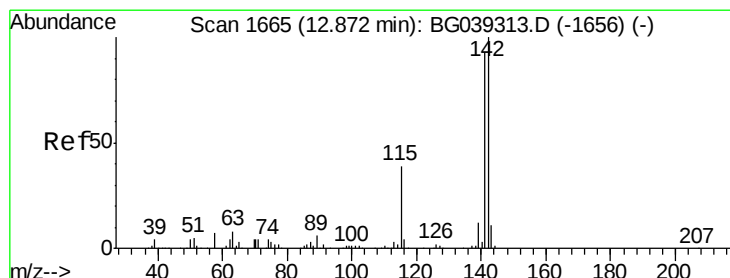
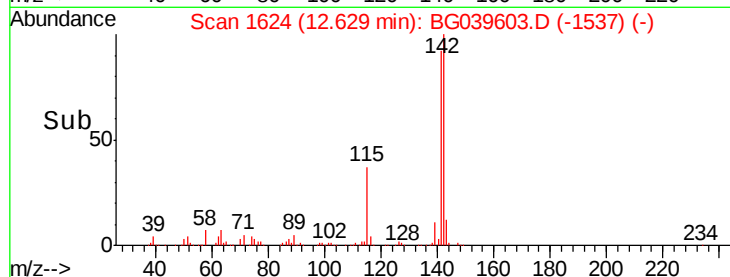
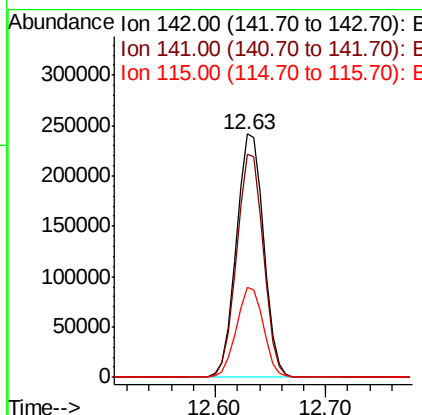
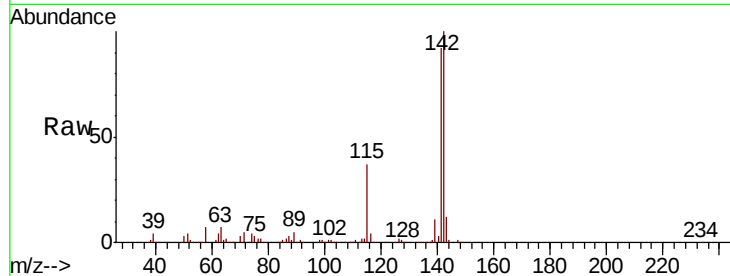
#37
2-Methylnaphthalene
Concen: 41.914 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.5	110.3
115	36.8	30.8	46.2

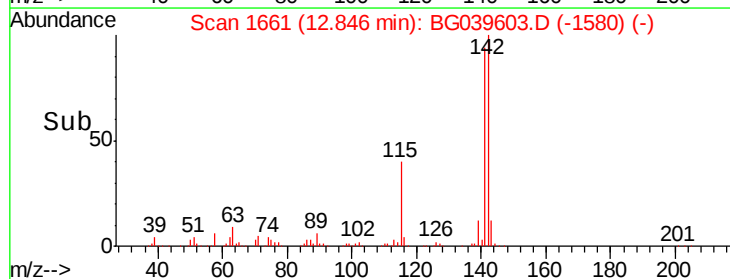
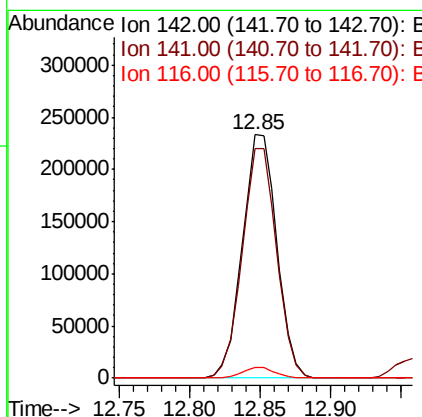
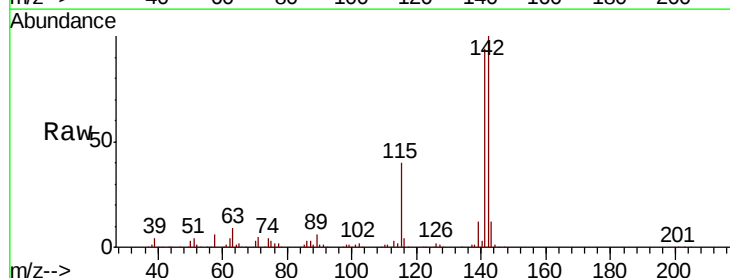
Manual Integrations
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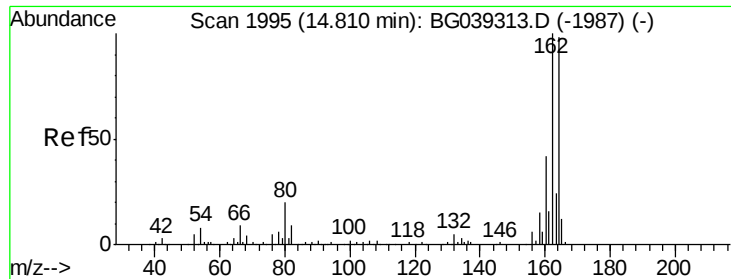
Sohil
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#38
1-Methylnaphthalene
Concen: 41.152 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.03 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	74.2	111.4
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

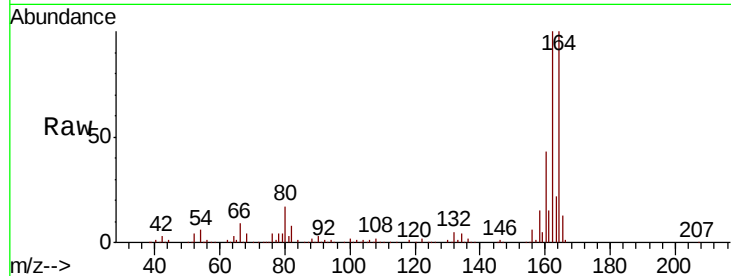
ClientSampleId :

M-1MS

Tot Ion:	164	Resp:	182791
Ion Ratio	Lower	Upper	
164	100		
162	100.1	81.6	122.4
160	42.9	34.2	51.2

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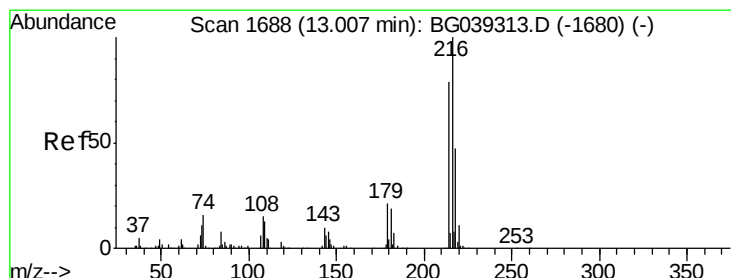
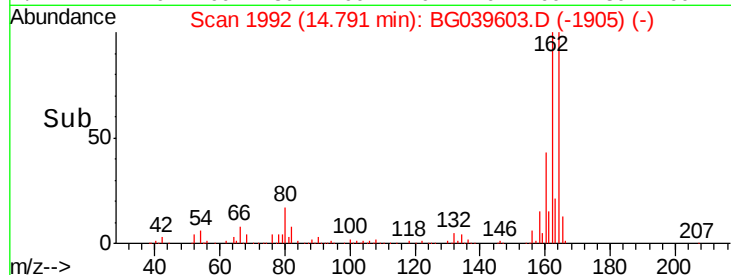
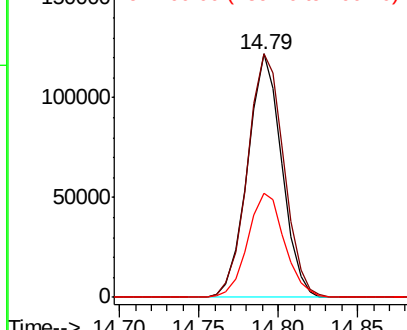


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.470 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Tgt Ion:	216	Resp:	235371
Ion Ratio	Lower	Upper	
216	100		
214	79.1	62.6	94.0
179	20.3	16.6	25.0
108	18.2	14.0	21.0

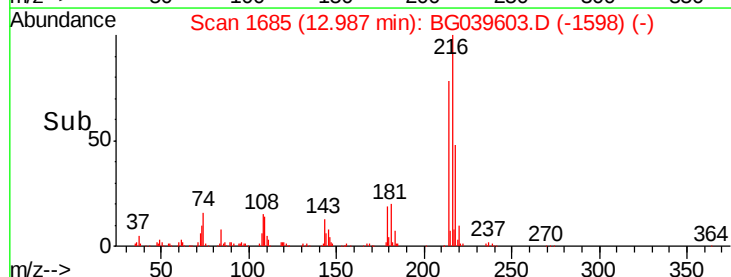
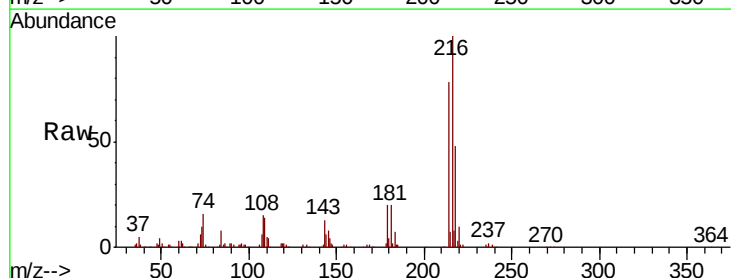
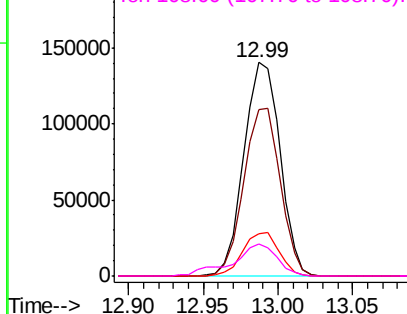
Abundance

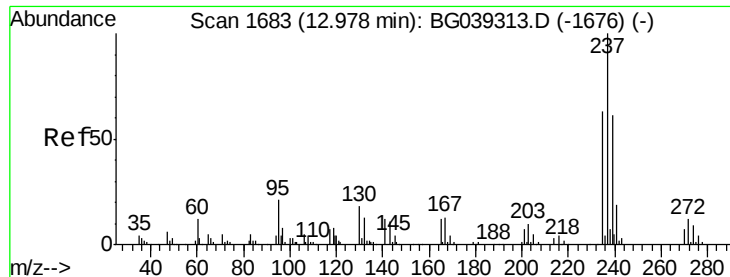
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.814 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

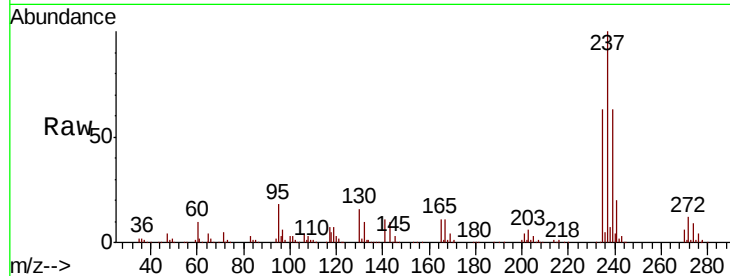
ClientSampleId :

M-1MS

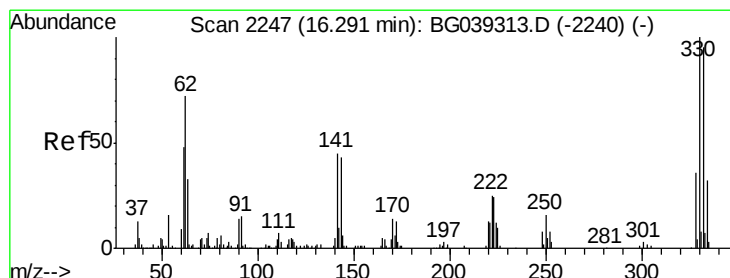
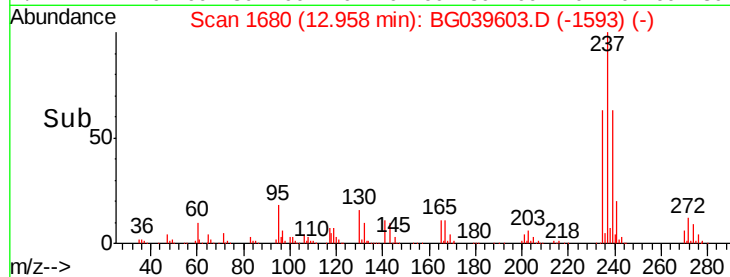
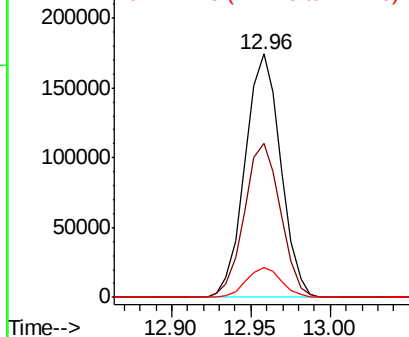
Tot Ion:	237	Resp:	271959
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.3	83.3
272	12.0	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 145.577 ng

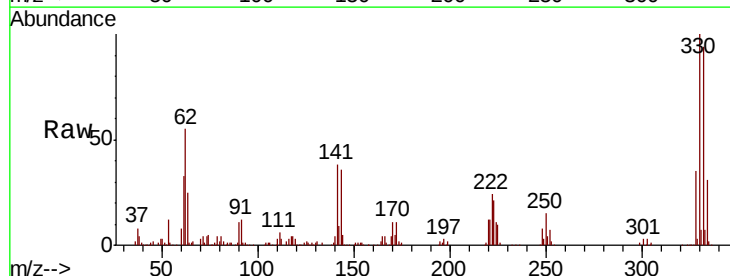
RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

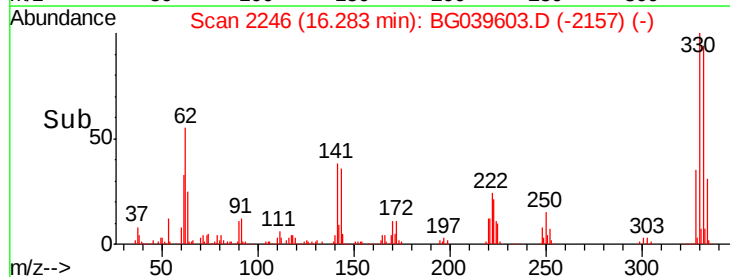
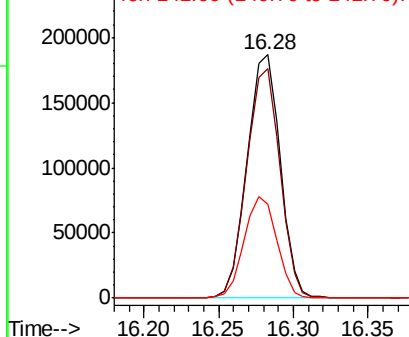
Lab File: BG039603.D

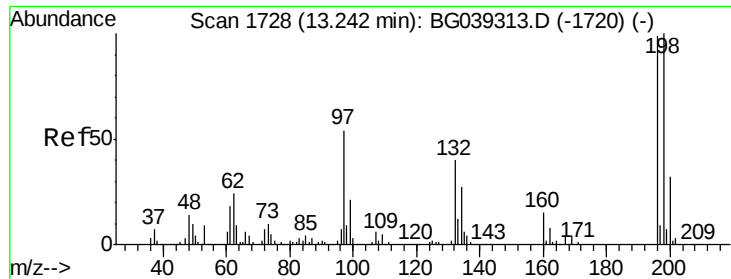
Acq: 26 Feb 2019 16:41

Tgt Ion:	330	Resp:	286546
Ion Ratio	Lower	Upper	
330	100		
332	95.2	75.7	113.5
141	41.5	35.6	53.4



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





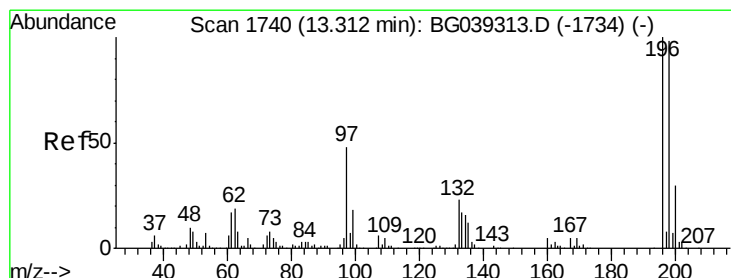
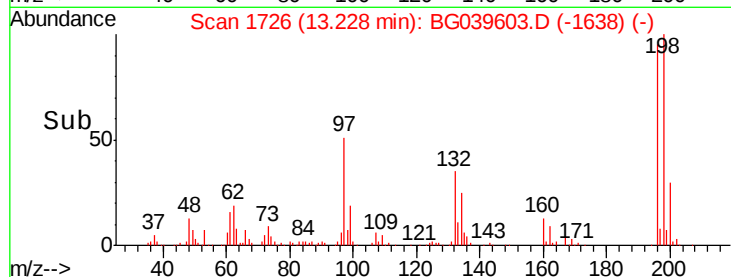
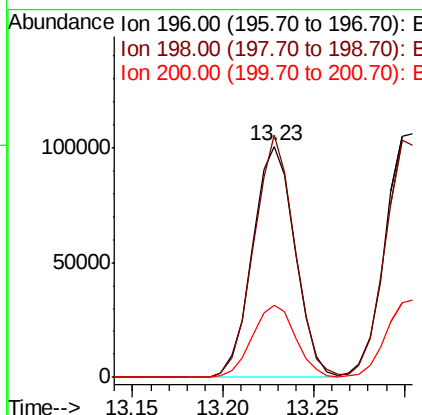
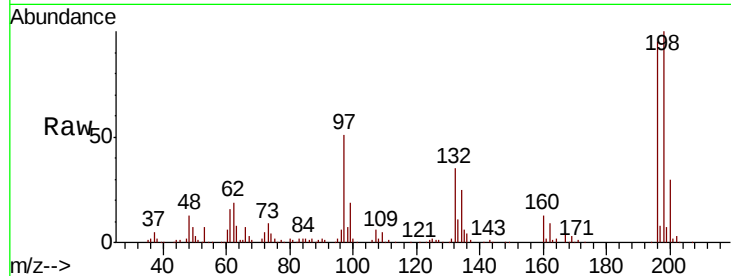
#43
 2,4,6-Trichlorophenol
 Concen: 45.746 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039603.D
 Acq: 26 Feb 2019 16:41

Instrument :
 BNA_G
 ClientSampled :
 M-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	163584		
198	105.0	80.6	121.0	
200	31.4	26.1	39.1	

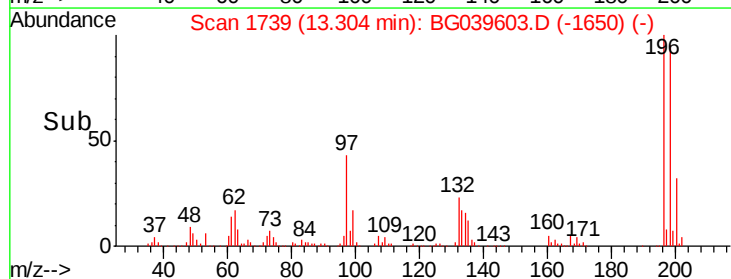
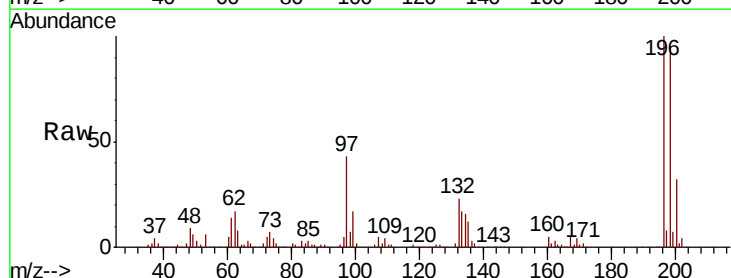
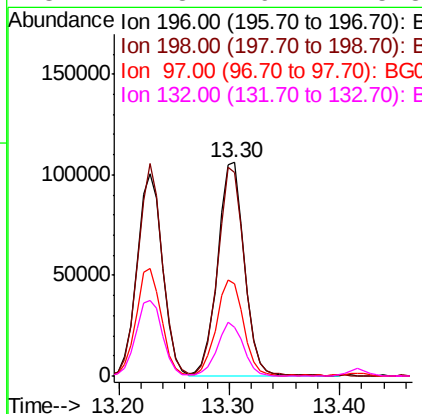
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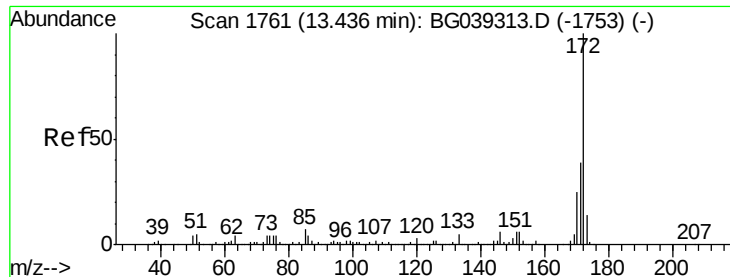
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#44
 2,4,5-Trichlorophenol
 Concen: 47.384 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039603.D
 Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177586		
198	95.1	78.5	117.7	
97	43.0	38.4	57.6	
132	22.8	19.2	28.8	





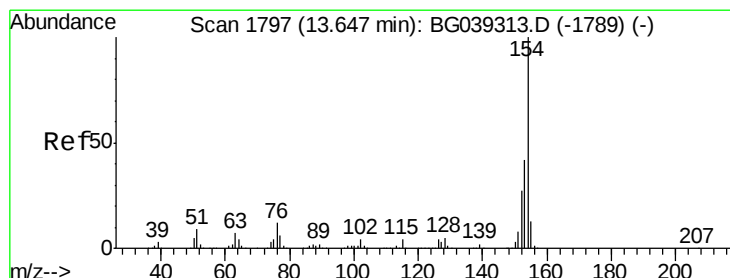
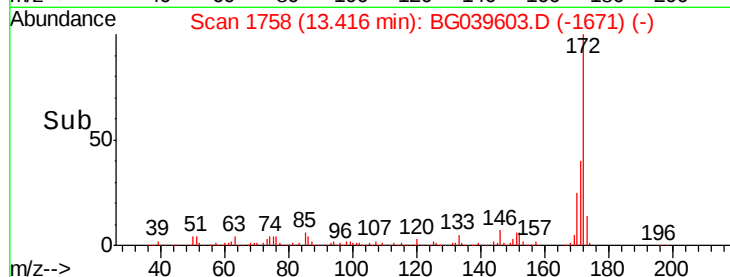
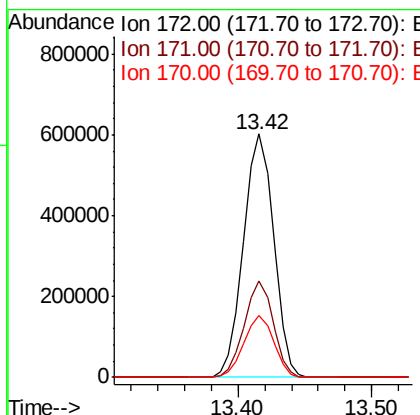
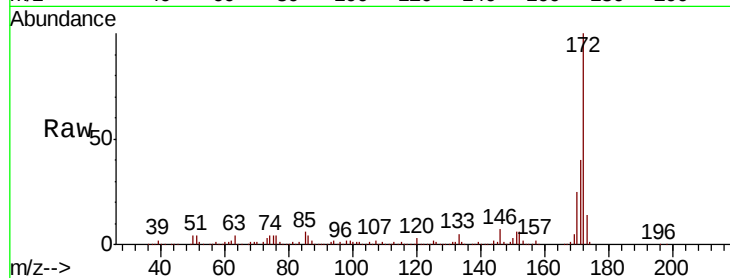
#45
2-Fluorobiphenyl
Concen: 73.862 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.8	46.2
170	25.5	20.2	30.4

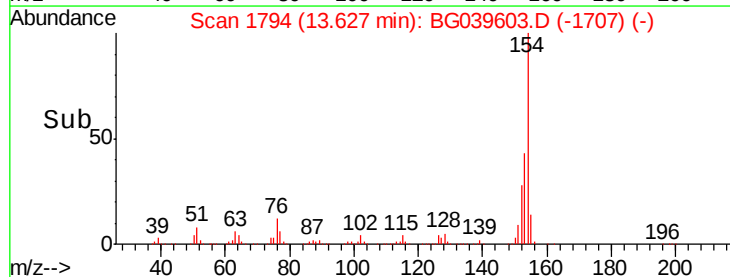
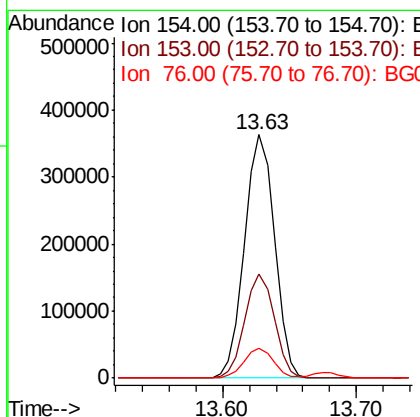
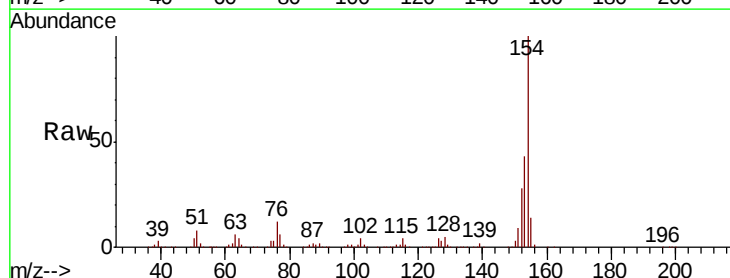
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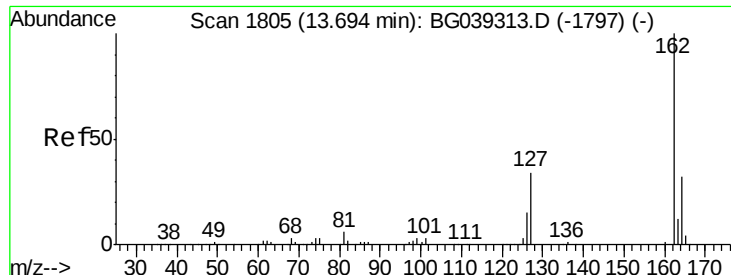
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#46
1,1'-Biphenyl
Concen: 37.025 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.1	62.1
76	12.2	0.0	32.4





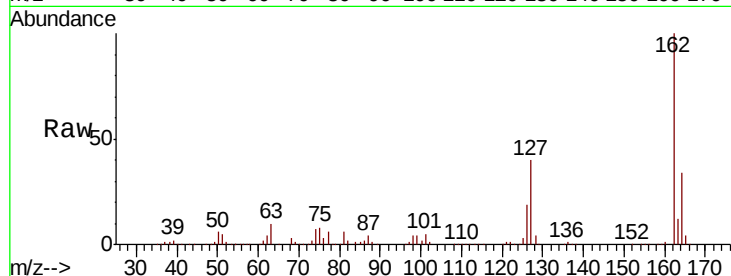
#47
2-Chloronaphthalene
Concen: 37.925 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		433911		
127	39.7	31.0	46.6		
164	34.1	25.7	38.5		

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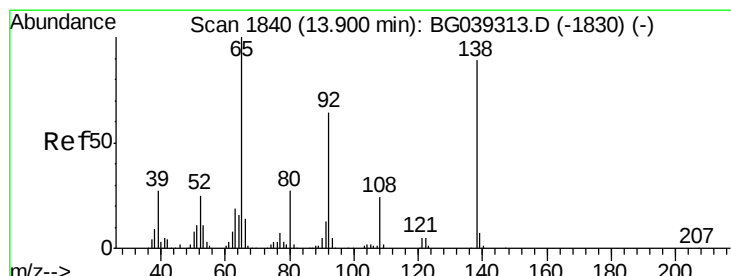
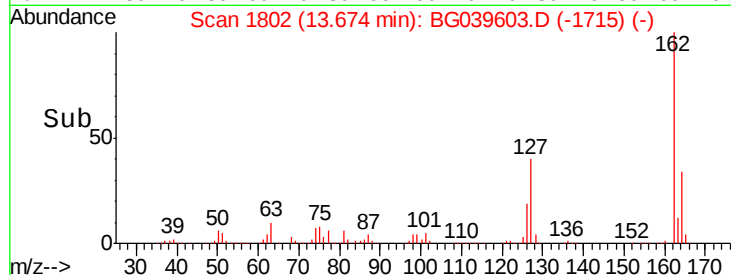
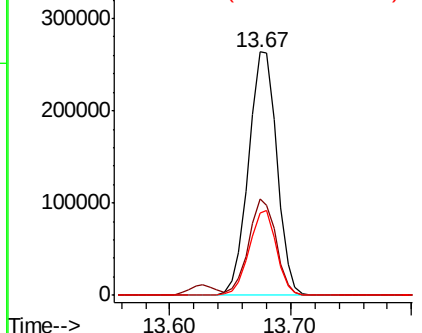


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 47.119 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

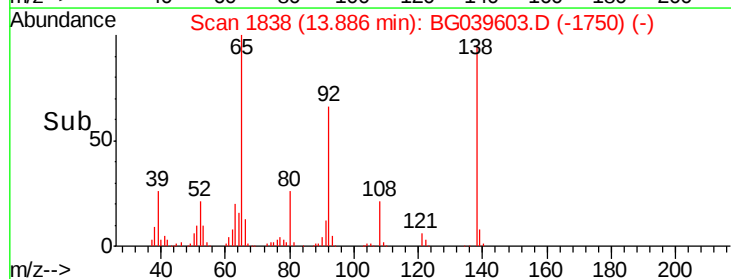
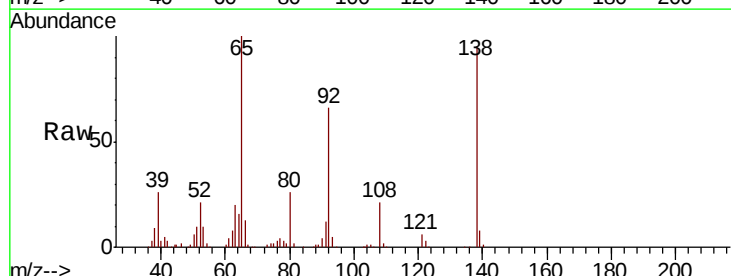
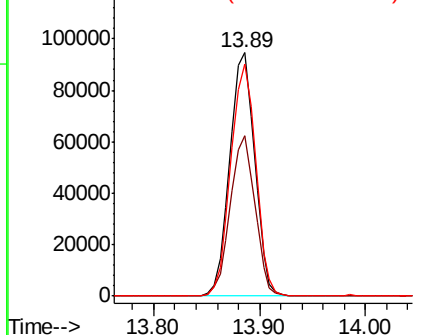
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		154256		
92	66.0	51.4	77.2		
138	95.5	71.4	107.2		

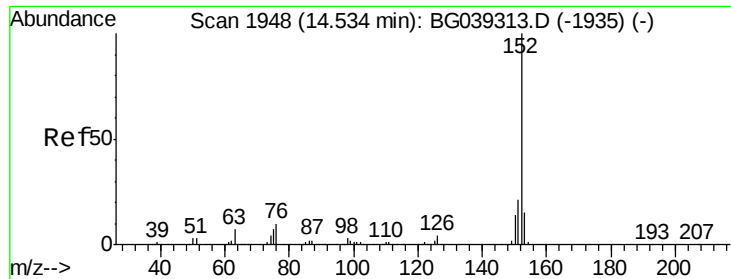
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.679 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

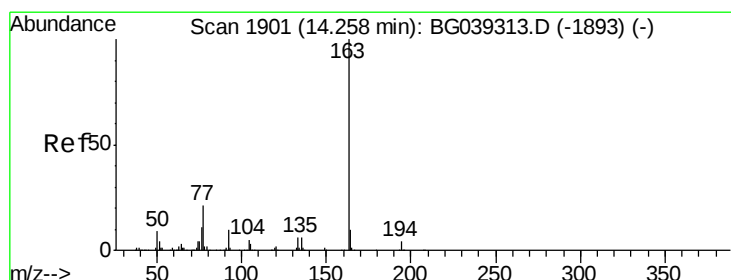
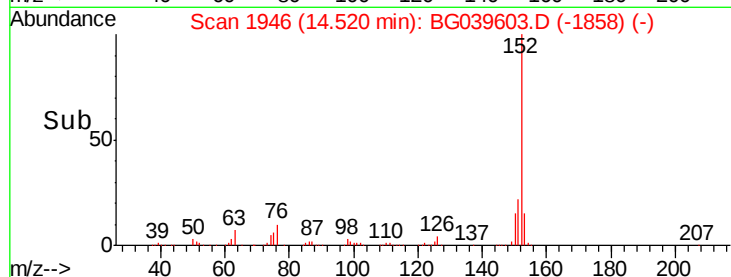
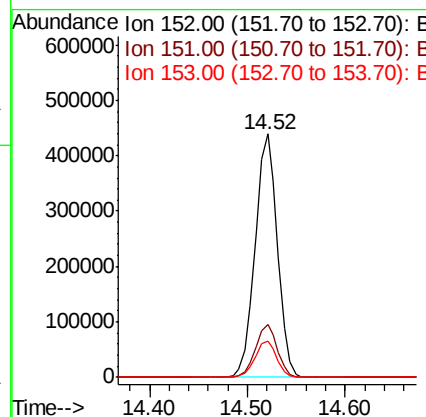
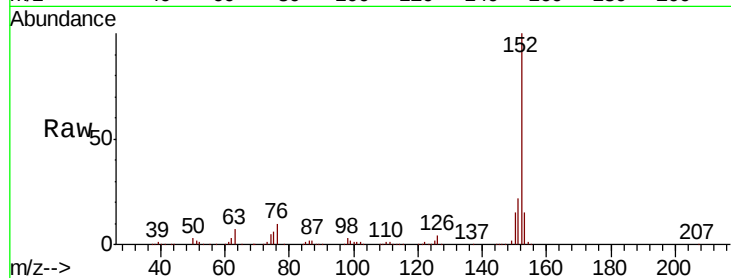
ClientSampled :

M-1MS

Tot Ion:	152	Resp:	702266
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.8	25.2
153	14.9	11.7	17.5

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#50

Dimethylphthalate

Concen: 44.346 ng

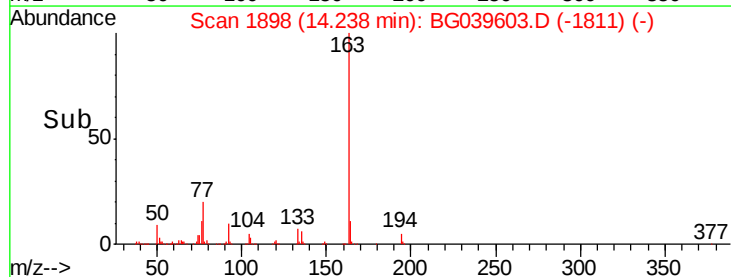
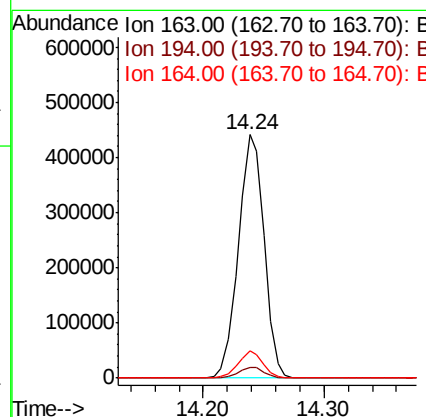
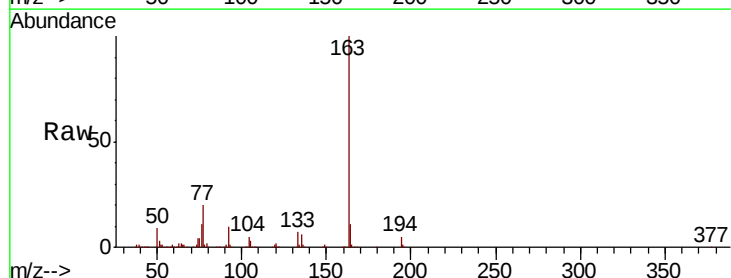
RT: 14.24 min Scan# 1898

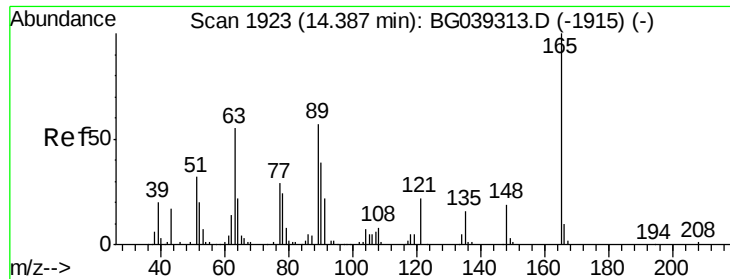
Delta R.T. -0.02 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Tgt Ion:	163	Resp:	654675
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	11.1	8.4	12.6





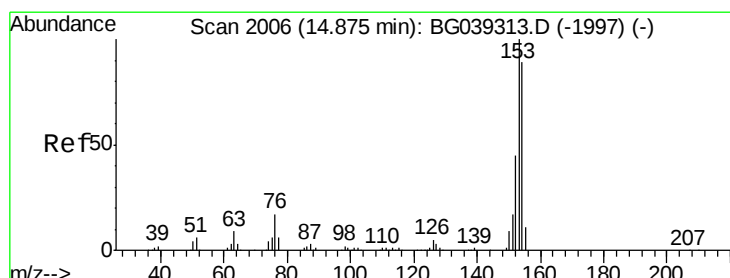
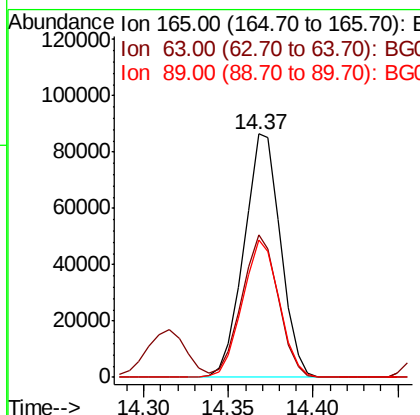
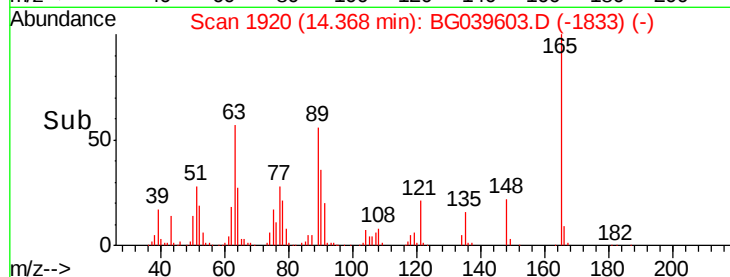
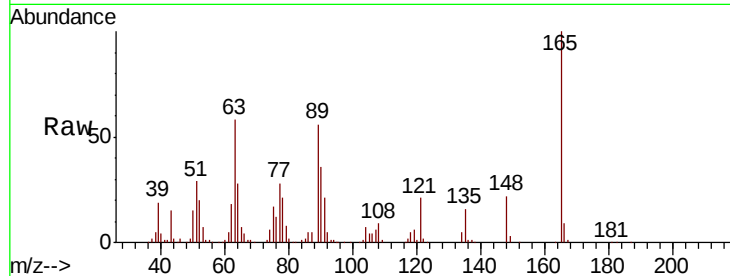
#51
2,6-Dinitrotoluene
Concen: 47.285 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampled :
M-1MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	58.4	47.0	70.6
89	56.3	45.8	68.8

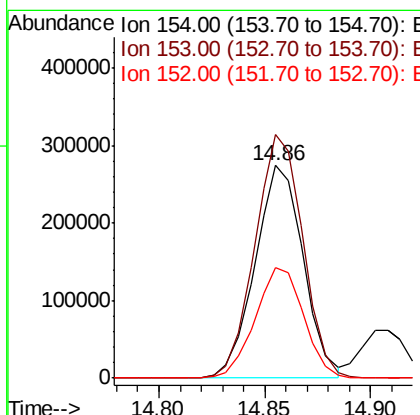
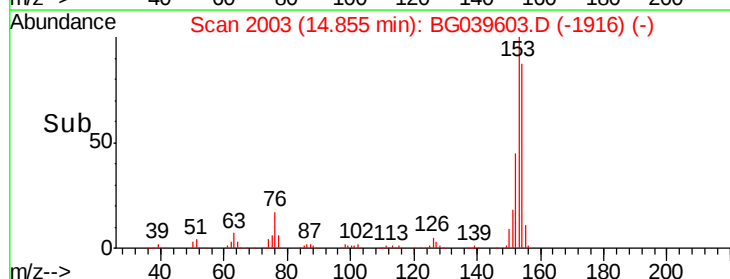
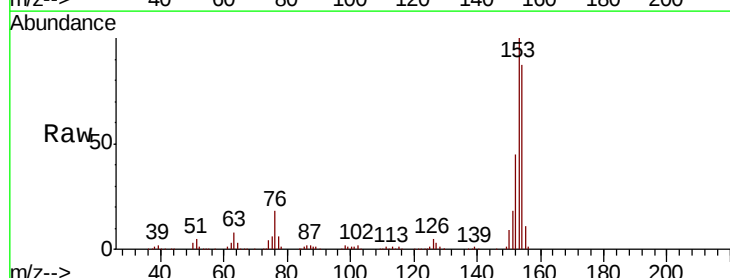
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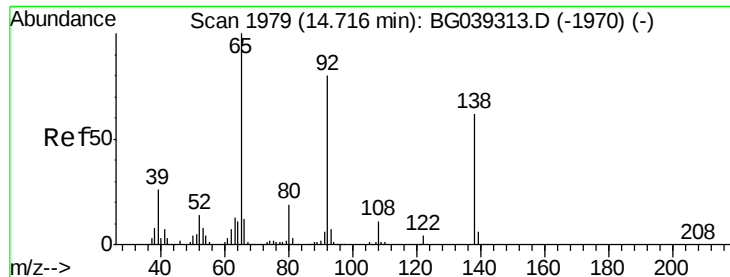
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#52
Acenaphthene
Concen: 38.730 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.6	90.1	135.1
152	52.1	40.9	61.3





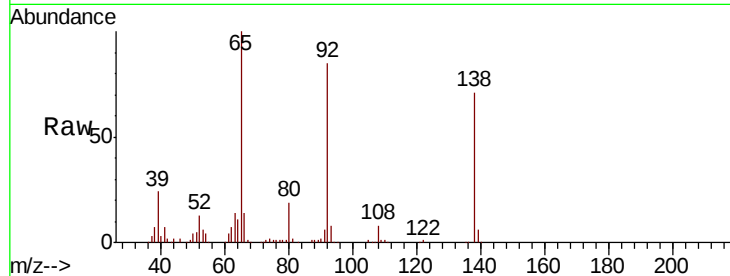
#53
3-Nitroaniline
Concen: 32.413 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampled :
M-1MS

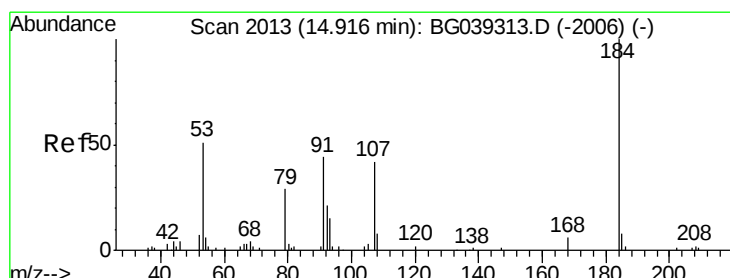
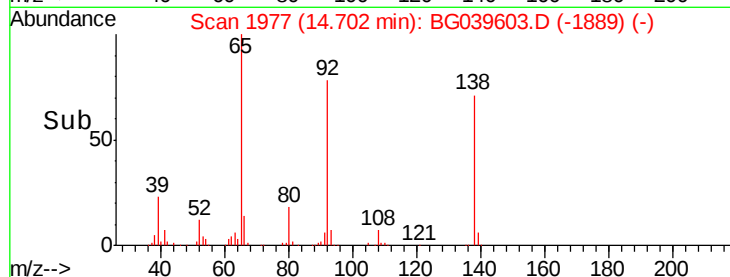
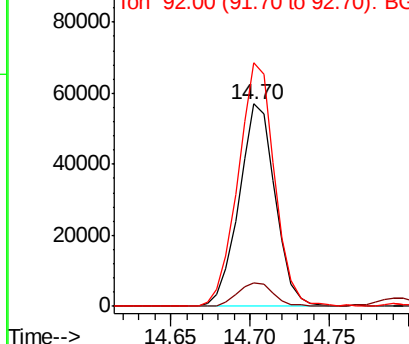
Tot Ion:138 Resp: 90128
Ion Ratio Lower Upper
138 100
108 11.3 13.8 20.8#
92 120.4 103.7 155.5

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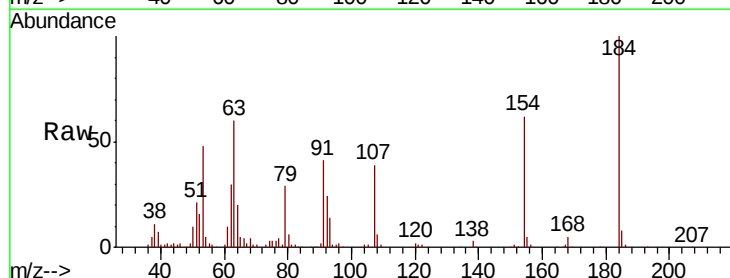


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

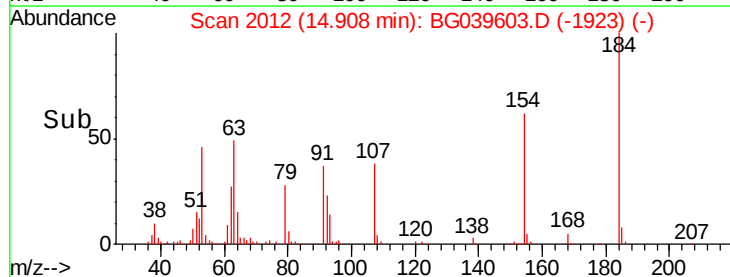
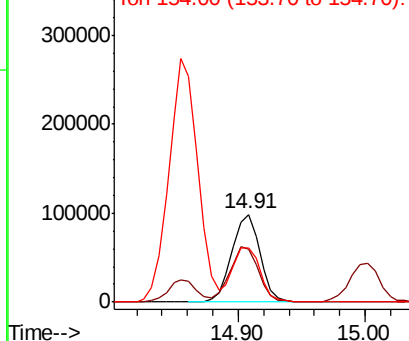


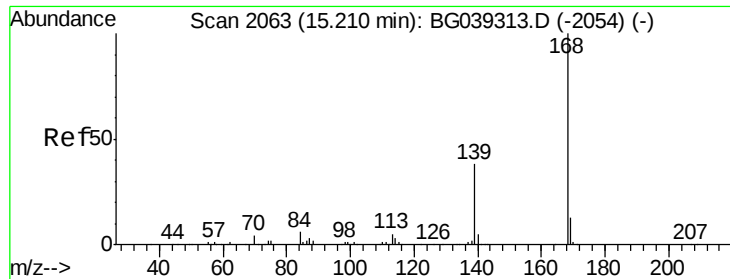
#54
2,4-Dinitrophenol
Concen: 107.012 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion:184 Resp: 152154
Ion Ratio Lower Upper
184 100
63 60.3 50.9 76.3
154 62.4 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.449 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.02 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

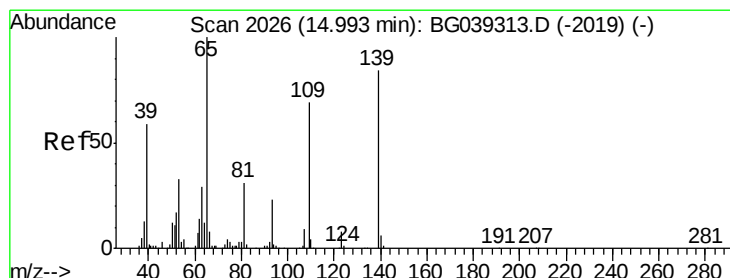
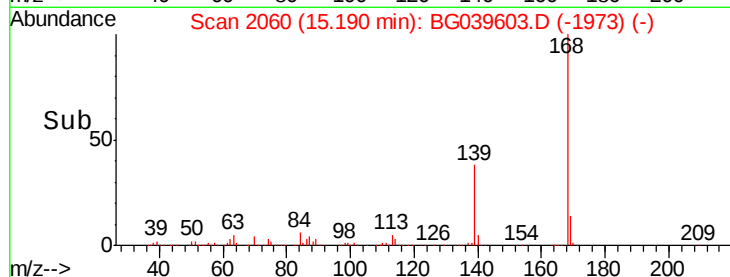
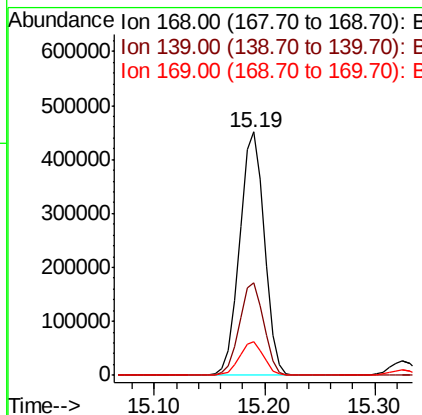
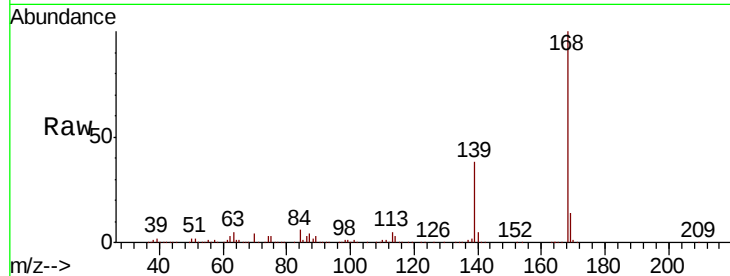
ClientSampleId :

M-1MS

Tot Ion:	168	Resp:	708788
Ion Ratio	Lower	Upper	
168	100		
139	37.9	30.1	45.1
169	14.1	10.6	16.0

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#56

4-Nitrophenol

Concen: 86.850 ng

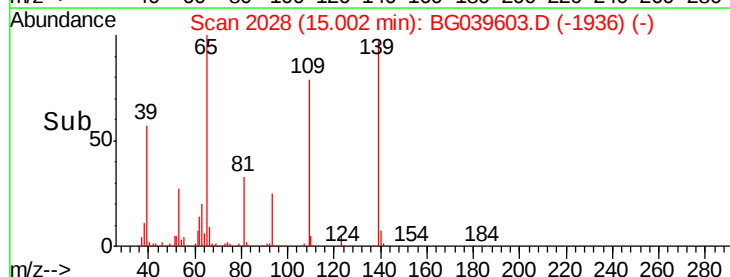
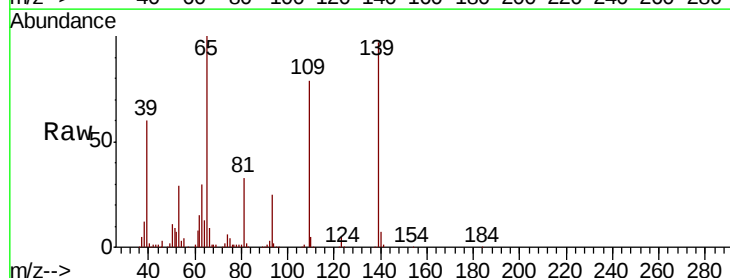
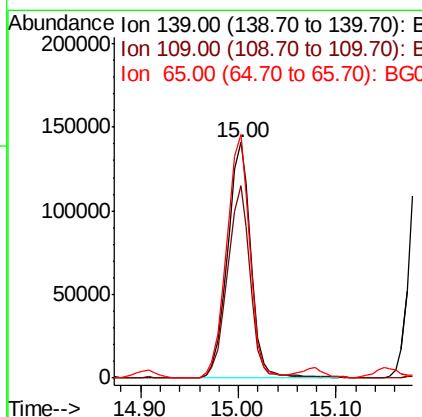
RT: 15.00 min Scan# 2028

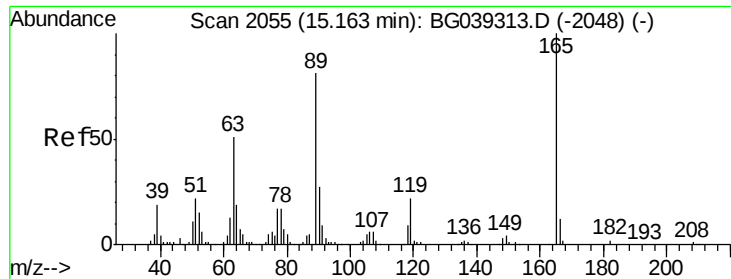
Delta R.T. 0.01 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Tgt Ion:	139	Resp:	233254
Ion Ratio	Lower	Upper	
139	100		
109	81.3	61.9	101.9
65	103.3	99.1	139.1





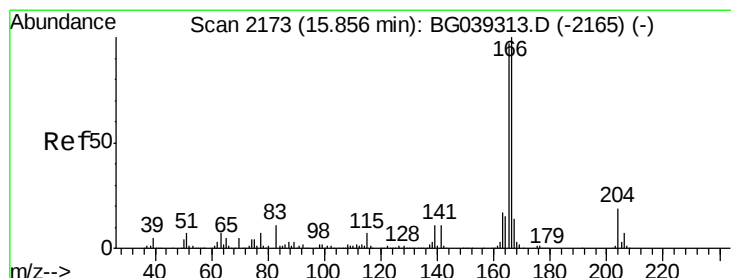
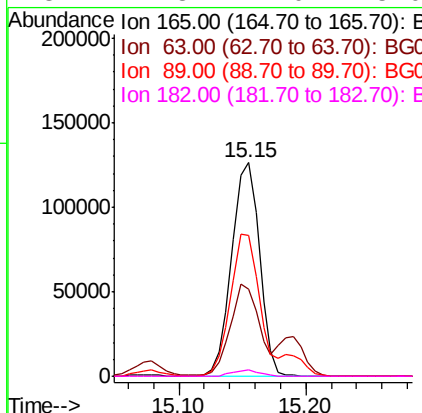
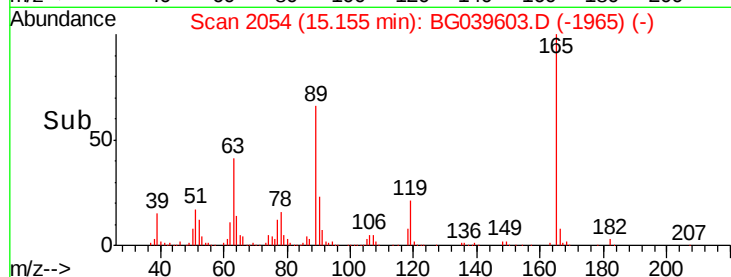
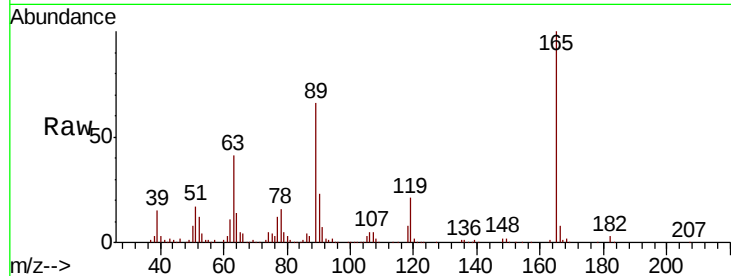
#57
2,4-Dinitrotoluene
Concen: 53.267 ng
RT: 15.15 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.8	41.0	61.6#
89	66.1	64.6	96.8
182	2.8	2.0	3.0

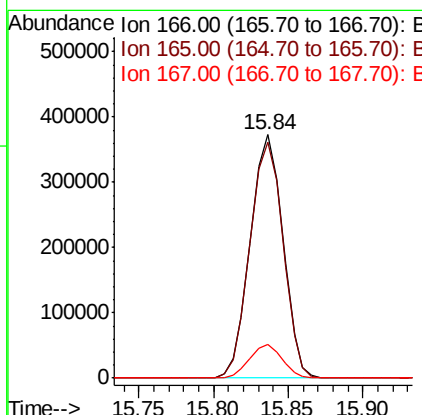
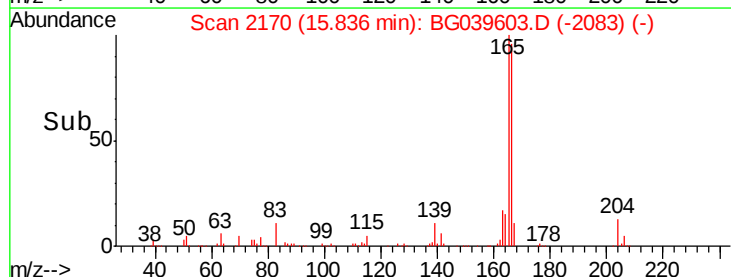
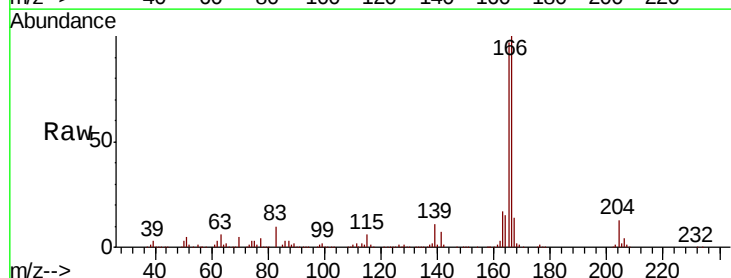
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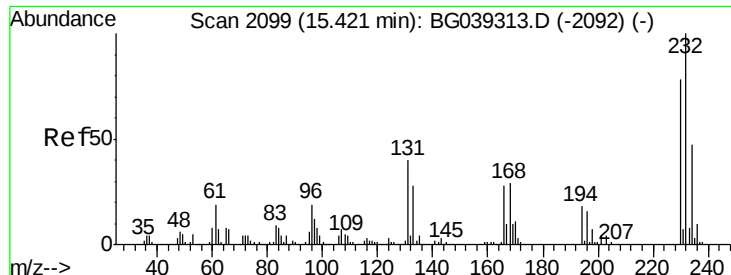
Sohil
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#58
Fluorene
Concen: 42.178 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.9	116.9
167	13.7	10.8	16.2





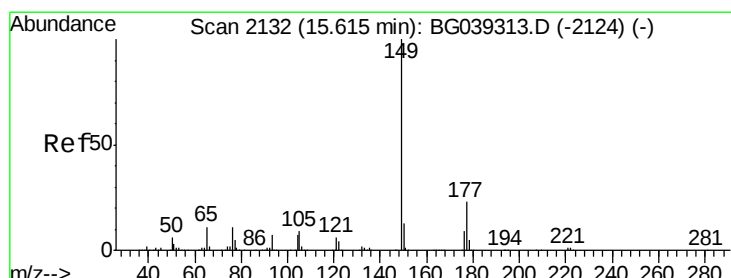
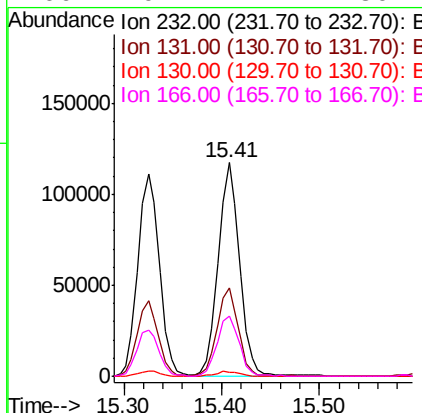
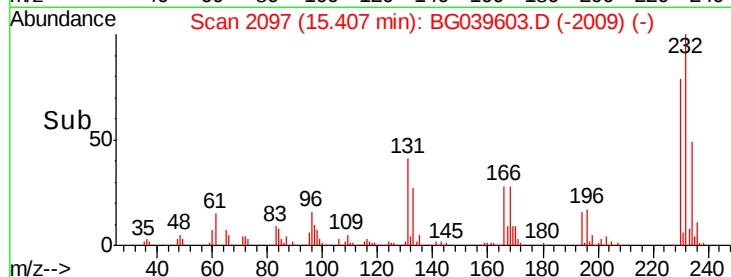
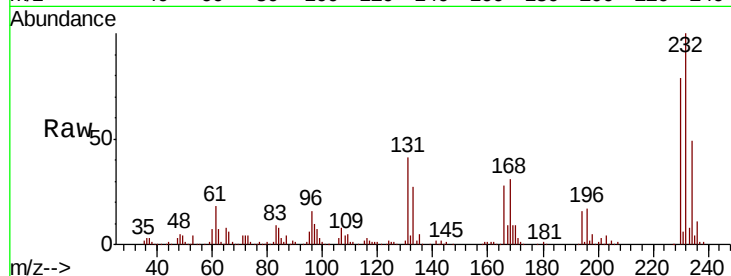
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.772 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039603.D
 Acq: 26 Feb 2019 16:41

Instrument :
 BNA_G
 ClientSampled :
 M-1MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.3	34.9	52.3
130	2.4	2.0	3.0
166	29.4	24.1	36.1

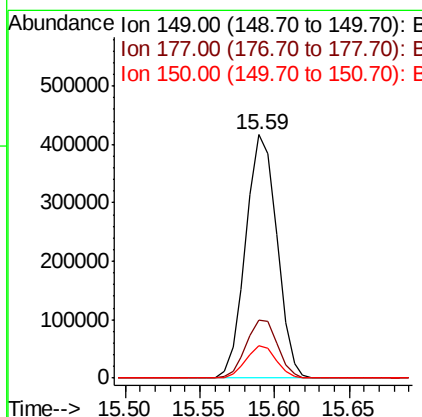
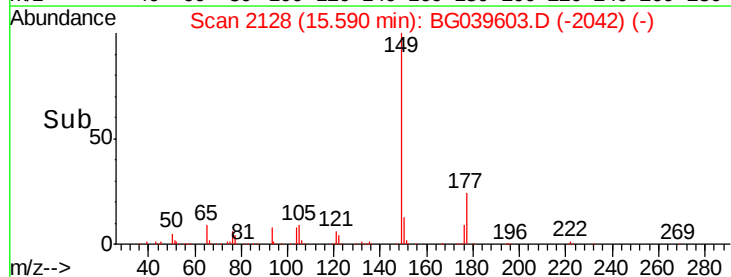
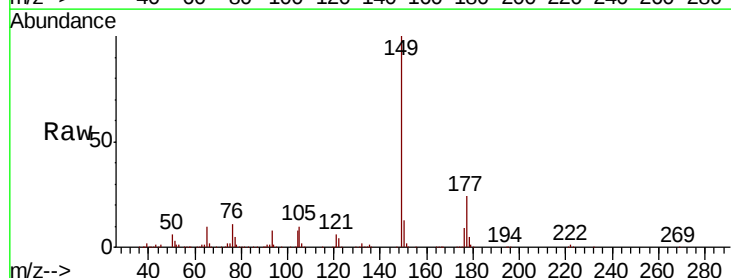
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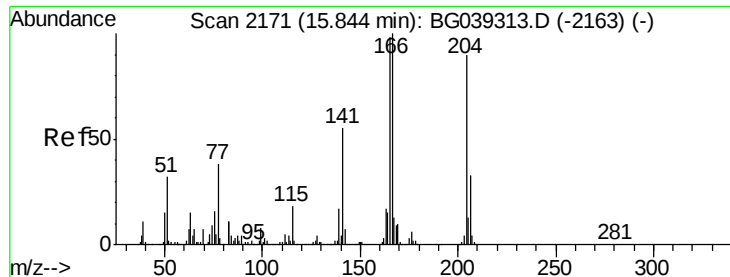
Sohil
 2/27/2019 4:21:44 PM



#60
 Diethylphthalate
 Concen: 39.355 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039603.D
 Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.3	27.5
150	13.3	10.2	15.2





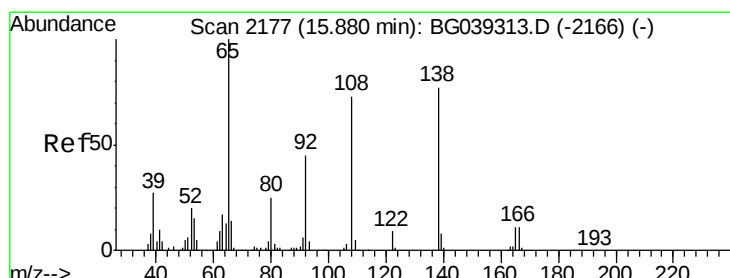
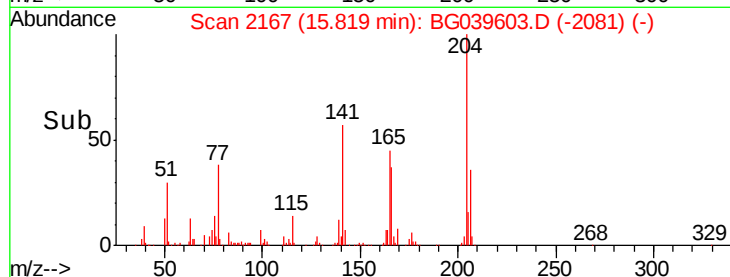
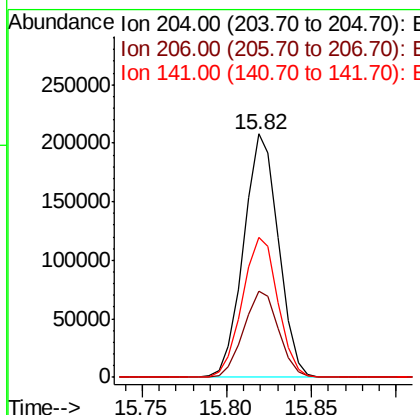
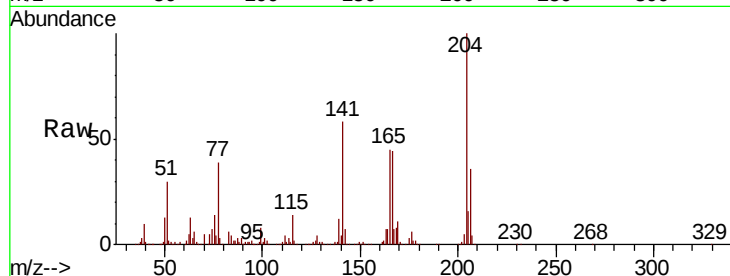
#61
4-Chlorophenyl-phenylether
Concen: 39.325 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampled :
M-1MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	298245		
206	35.5	29.2	43.8	
141	57.5	49.0	73.4	

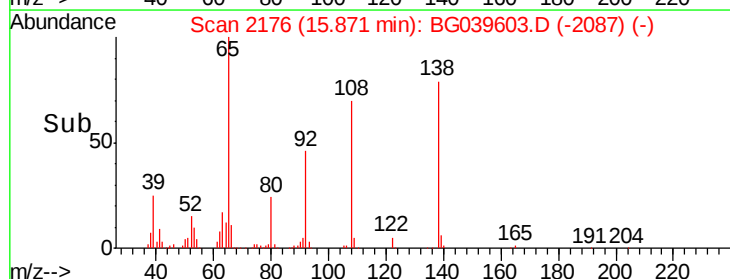
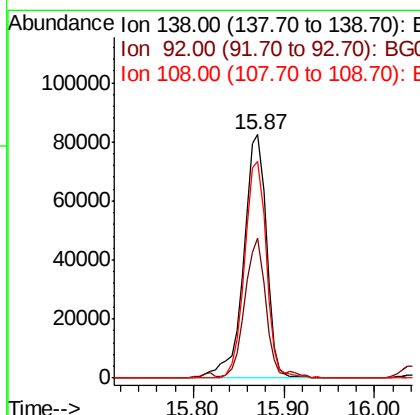
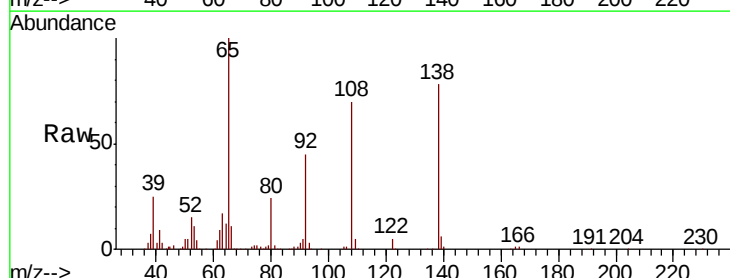
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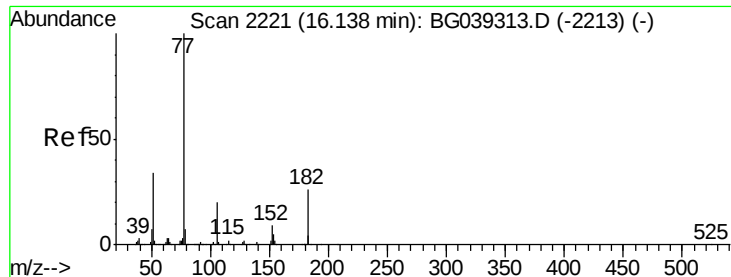
Sohil
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#62
4-Nitroaniline
Concen: 46.622 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	143922		
92	57.7	38.7	78.7	
108	89.1	74.6	114.6	





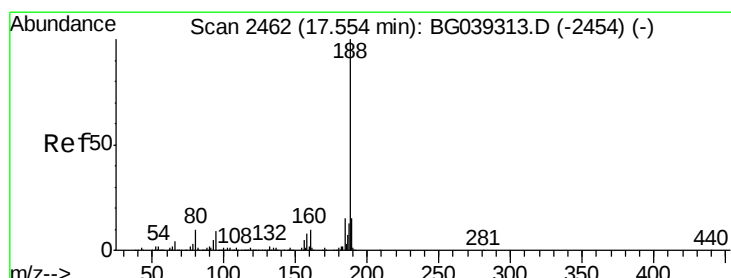
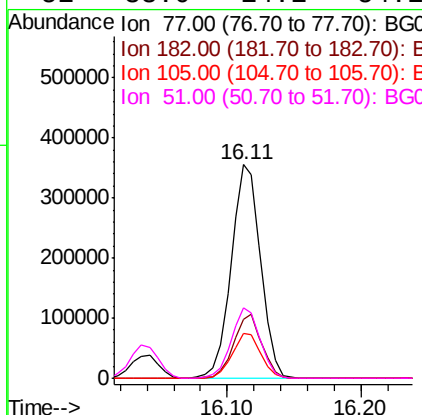
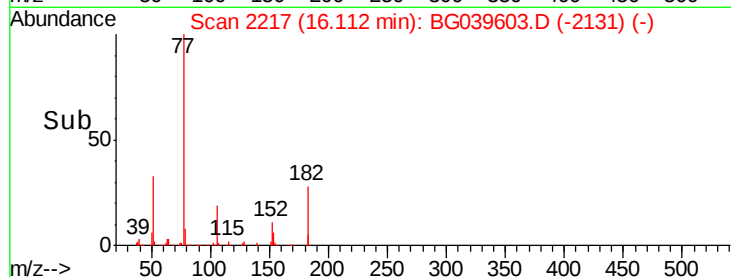
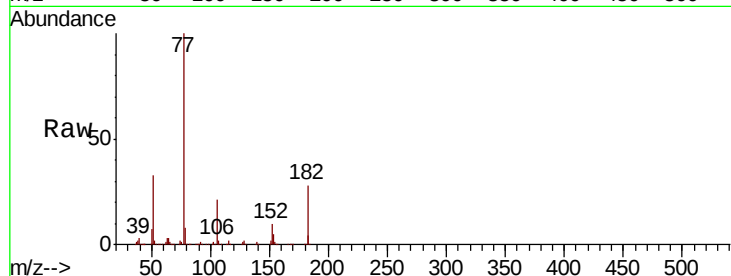
#63
Azobenzene
Concen: 36.320 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.03 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampled :
M-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.5	6.4	46.4		
105	20.7	0.0	39.8		
51	33.0	14.1	54.1		

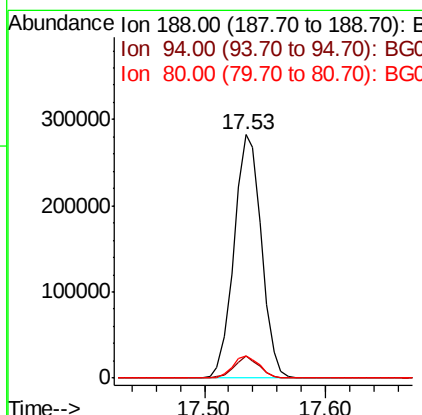
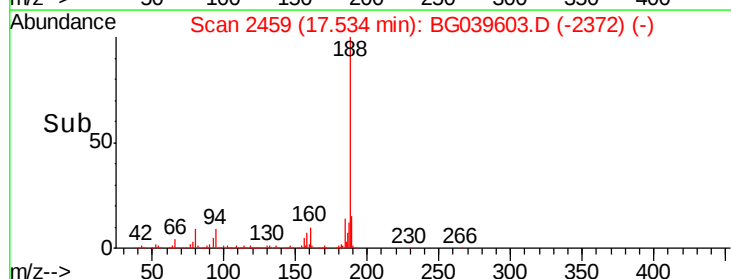
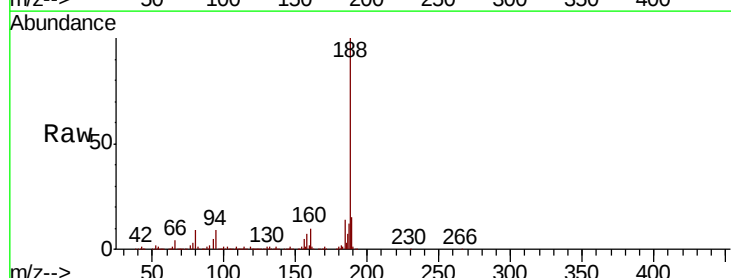
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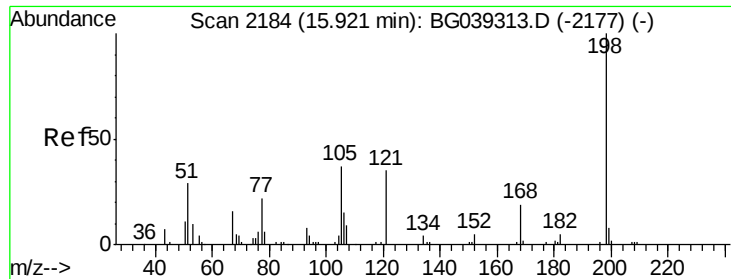
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.9	6.9	10.3		
80	9.2	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 59.037 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

ClientSampled :

M-1MS

Tot Ion:198 Resp: 113098

Ion Ratio Lower Upper

198 100

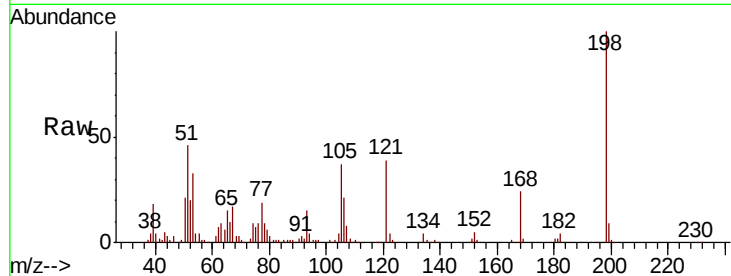
51 45.5 27.4 67.4

105 37.2 19.7 59.7

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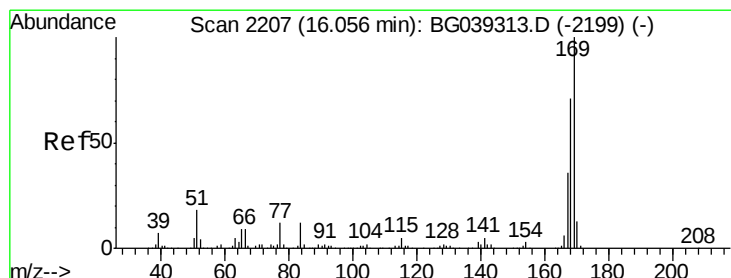
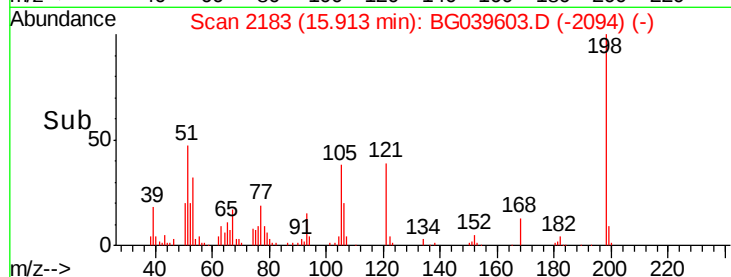
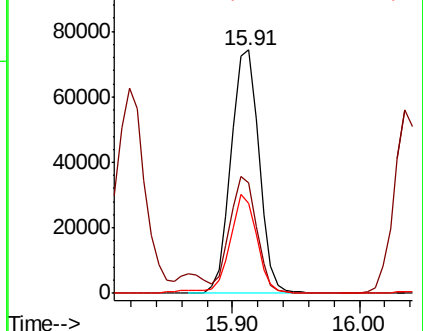
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.733 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Tgt Ion:169 Resp: 524744

Ion Ratio Lower Upper

169 100

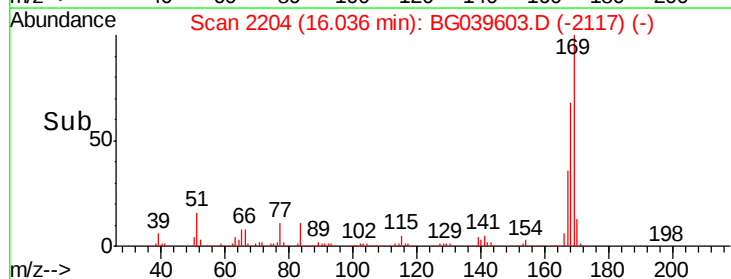
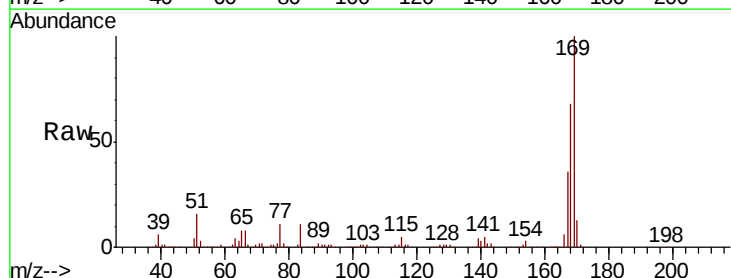
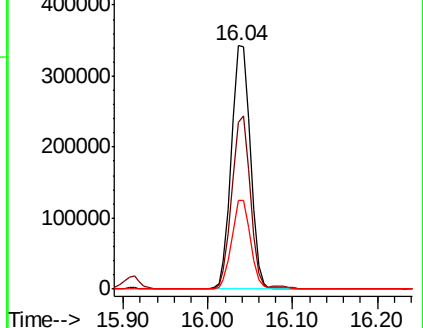
168 68.3 56.6 85.0

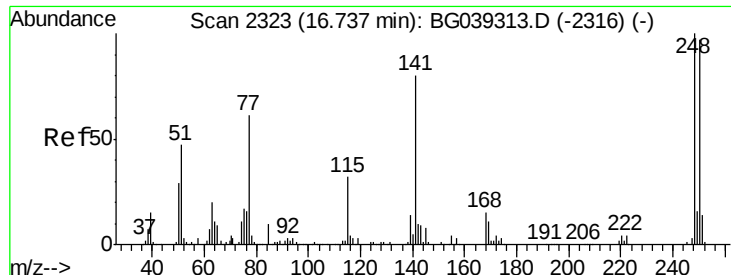
167 36.2 28.8 43.2

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





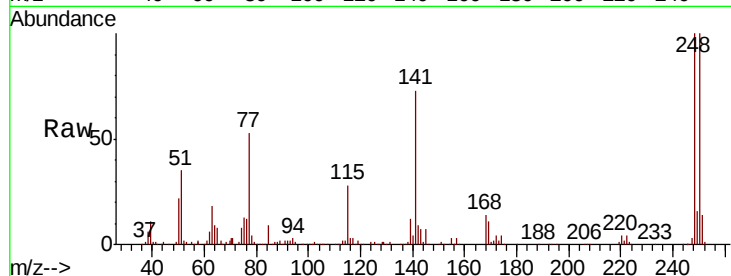
#67
4-Bromophenyl-phenylether
Concen: 39.774 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampled :
M-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	77.6	116.4
141	72.9	63.9	95.9

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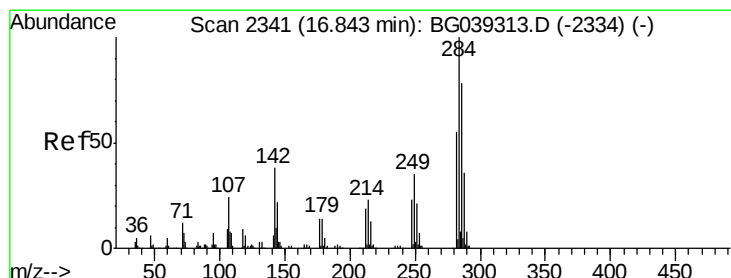
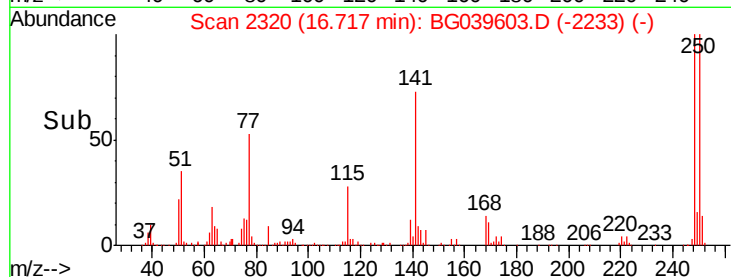
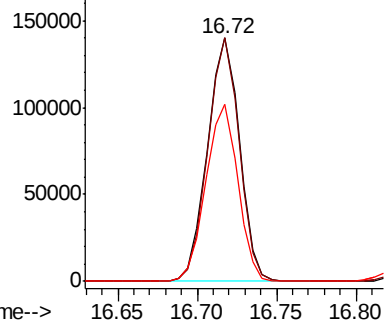


Abundance

Ion 248.00 (247.70 to 248.70): E

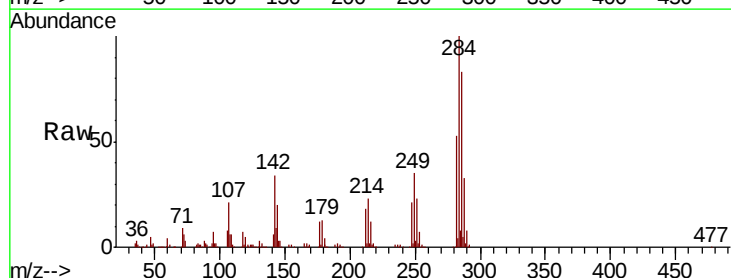
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.714 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	30.6	45.8
249	34.8	28.2	42.2

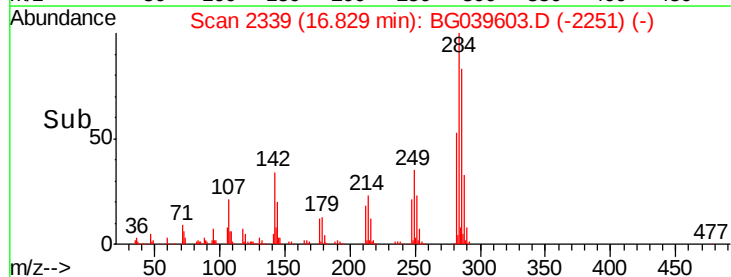
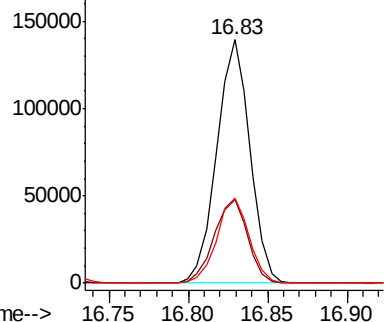


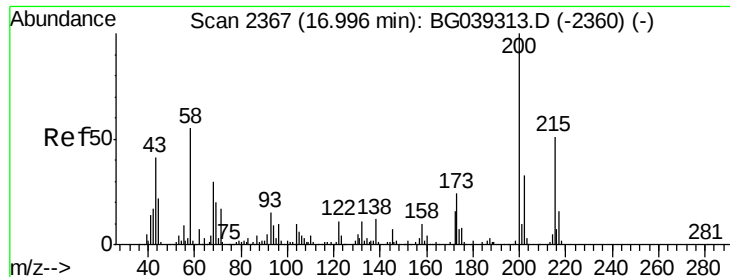
Abundance

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: 39.463 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

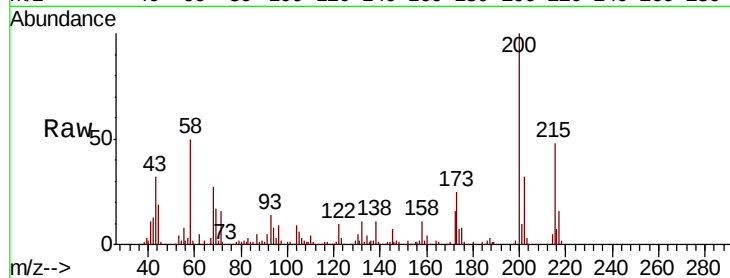
ClientSampled :

M-1MS

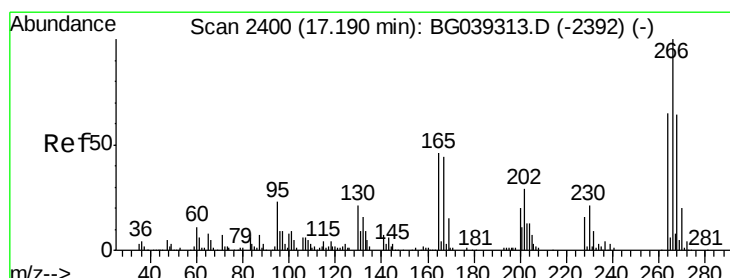
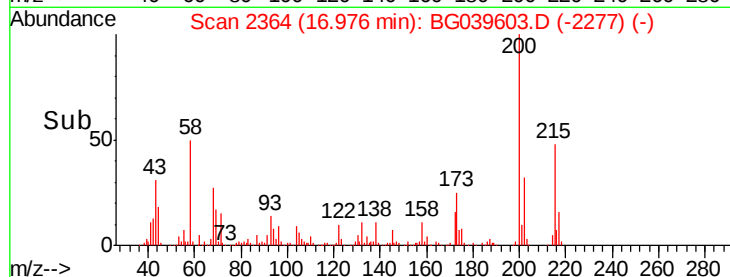
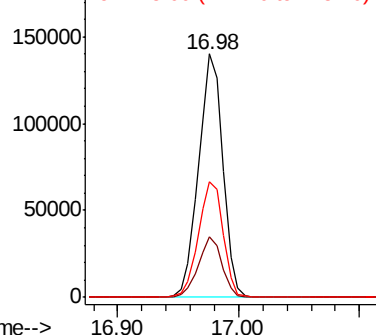
Tot Ion:	200	Resp:	195378
Ion Ratio	Lower	Upper	
200	100		
173	24.9	3.9	43.9
215	47.5	30.9	70.9

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.677 ng

RT: 17.18 min Scan# 2398

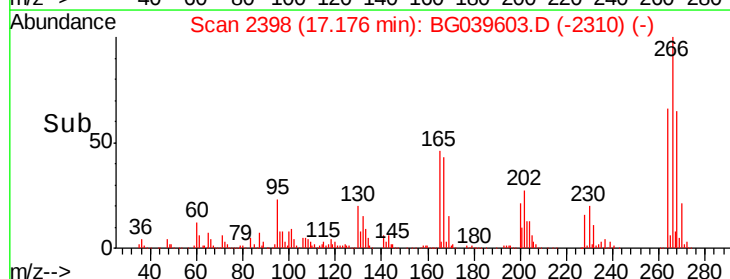
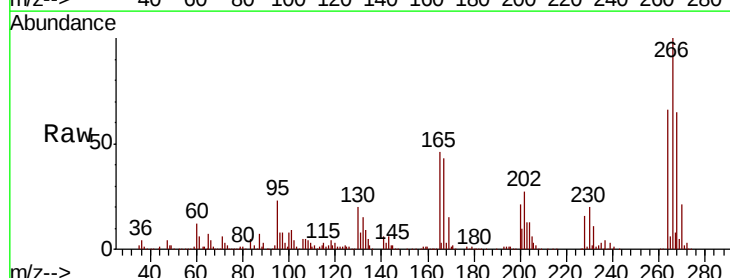
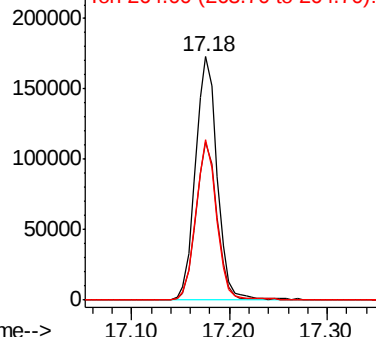
Delta R.T. -0.01 min

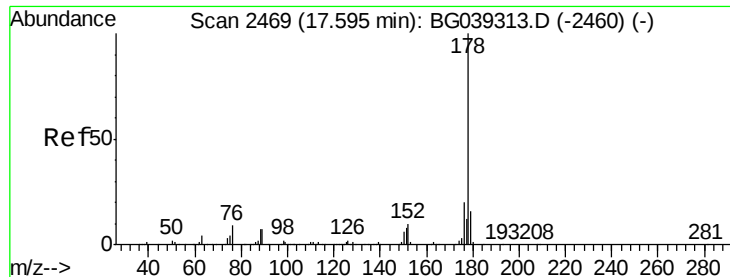
Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Tgt Ion:	266	Resp:	267733
Ion Ratio	Lower	Upper	
266	100		
268	64.8	51.1	76.7
264	65.8	52.1	78.1

Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





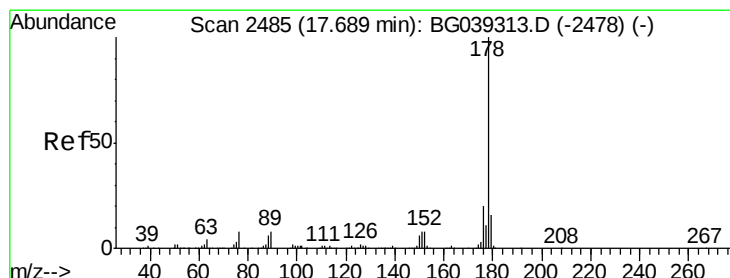
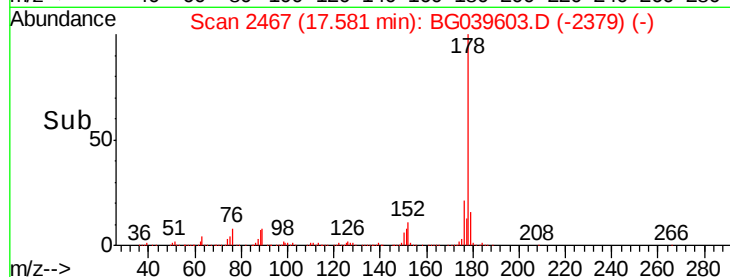
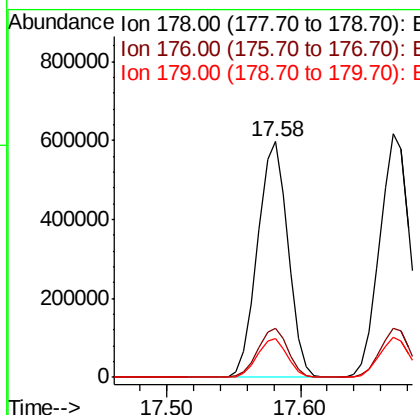
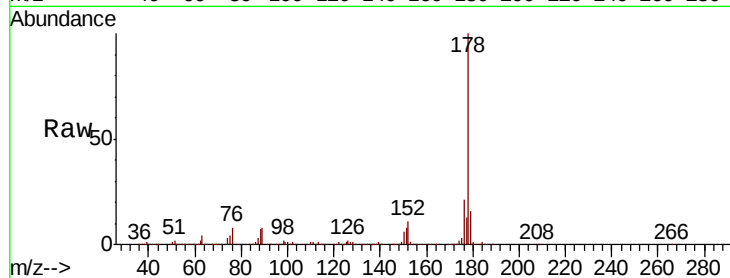
#71
Phenanthrene
Concen: 40.623 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.2	24.4
179	16.3	12.6	19.0

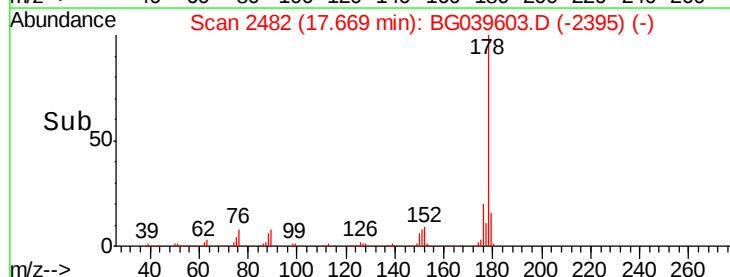
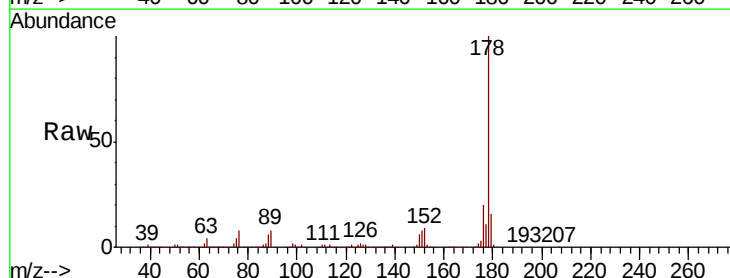
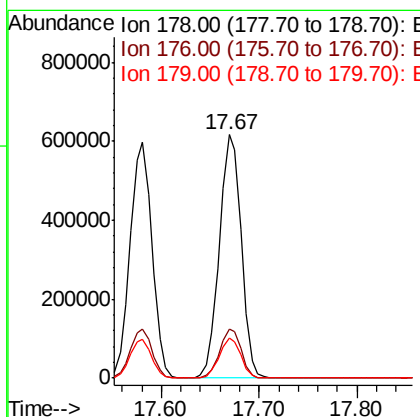
Manual Integrations
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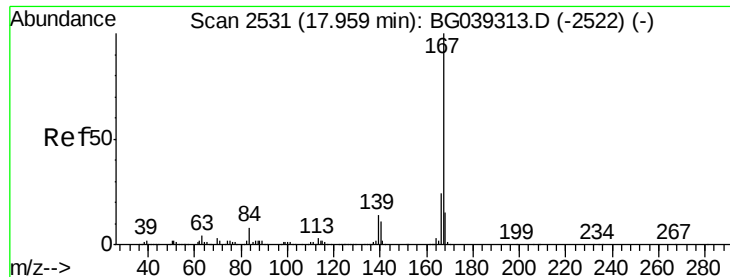
Sohil
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#72
Anthracene
Concen: 42.146 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.5	12.5	18.7





#73

Carbazole

Concen: 36.950 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

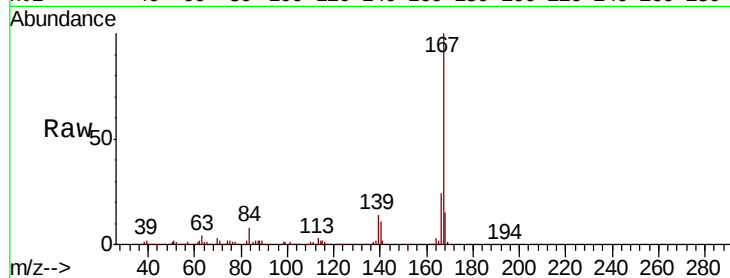
ClientSampleId :

M-1MS

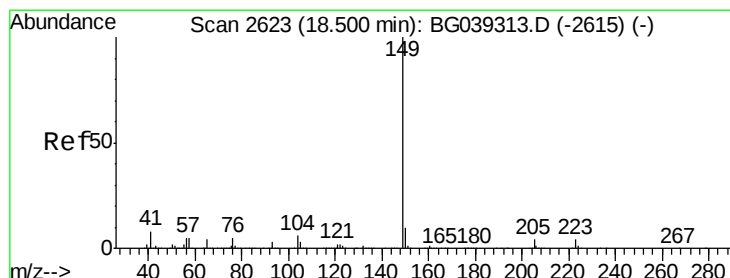
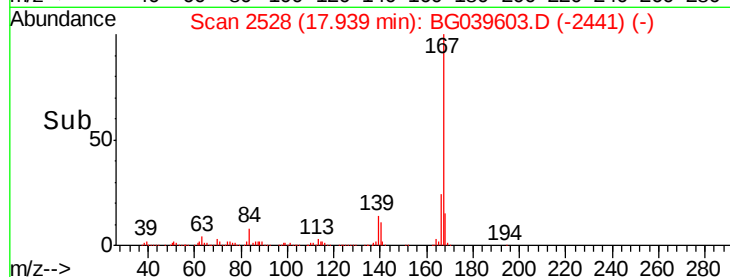
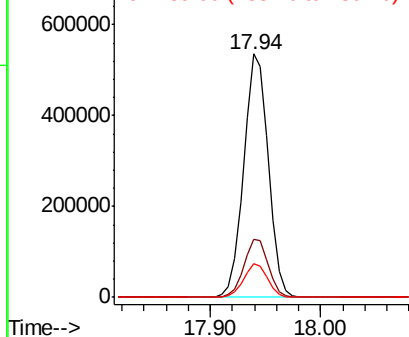
Tot Ion:	167	Resp:	837621
Ion Ratio	Lower	Upper	
167	100		
166	24.1	19.4	29.2
139	13.9	10.8	16.2

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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: 38.036 ng

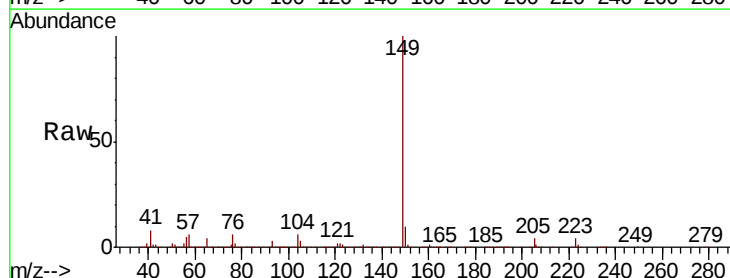
RT: 18.47 min Scan# 2618

Delta R.T. -0.03 min

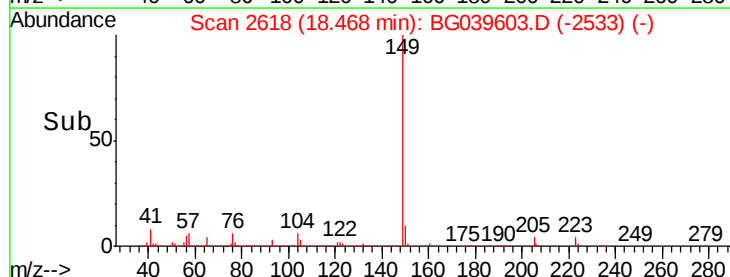
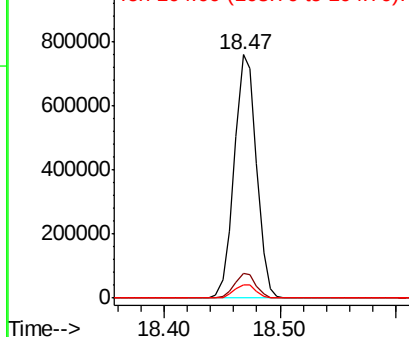
Lab File: BG039603.D

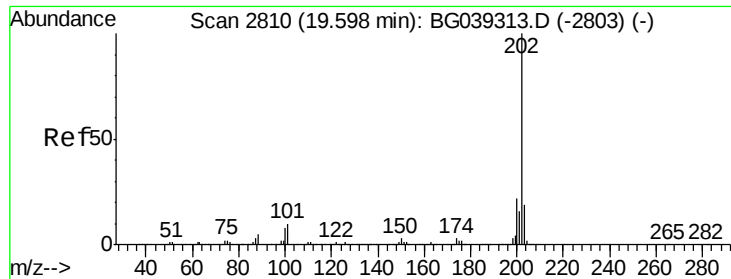
Acq: 26 Feb 2019 16:41

Tgt Ion:	149	Resp:	1005918
Ion Ratio	Lower	Upper	
149	100		
150	10.1	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: 41.595 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

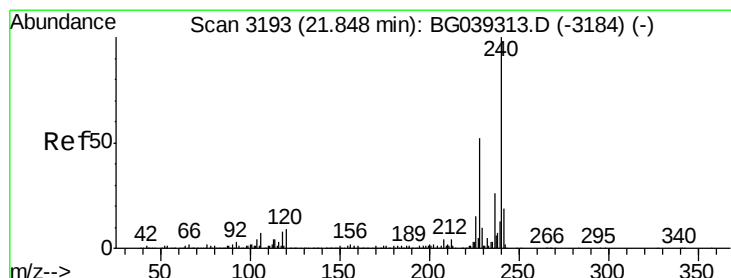
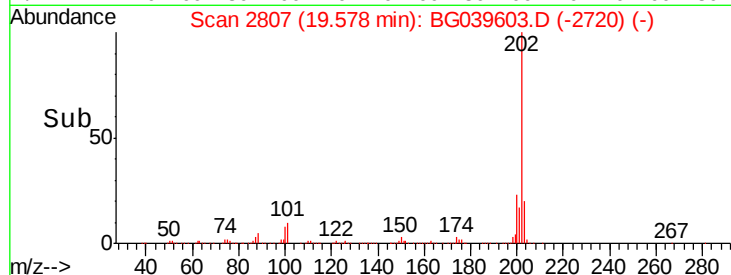
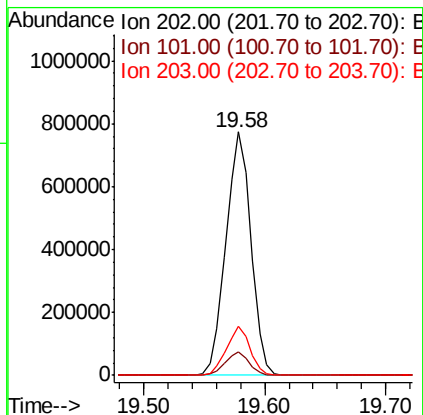
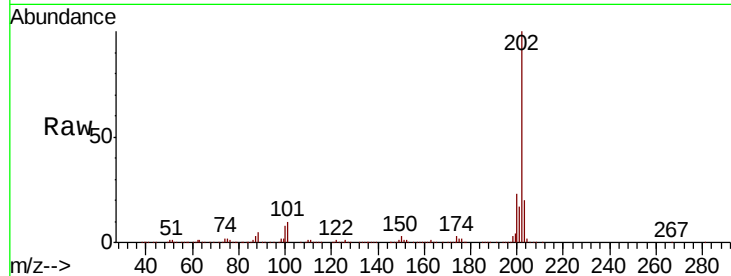
ClientSampleId :

M-1MS

Tot Ion:	202	Resp:	1113327
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.0
203	19.9	0.0	38.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

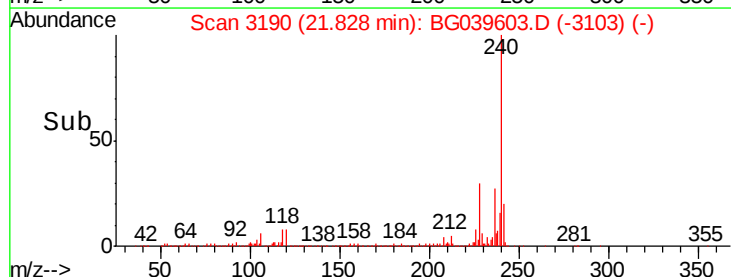
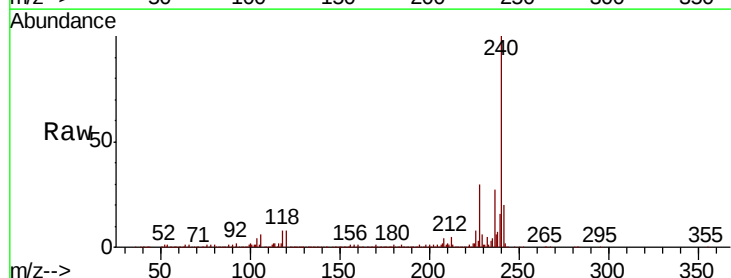
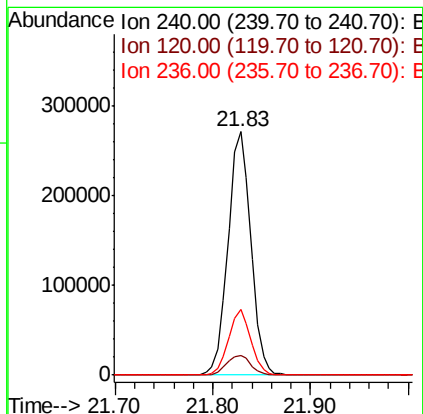
RT: 21.83 min Scan# 3190

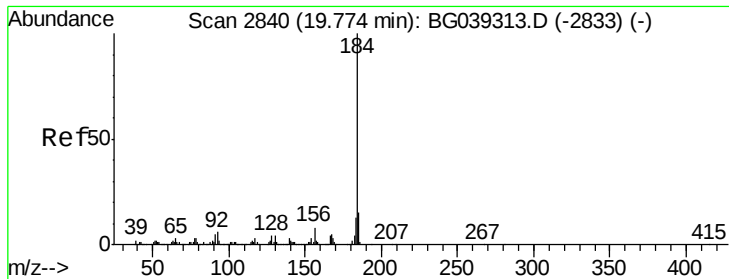
Delta R.T. -0.02 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Tgt Ion:	240	Resp:	439232
Ion Ratio	Lower	Upper	
240	100		
120	8.0	7.0	10.6
236	26.9	21.0	31.4





#77

Benzidine

Concen: 39.948 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

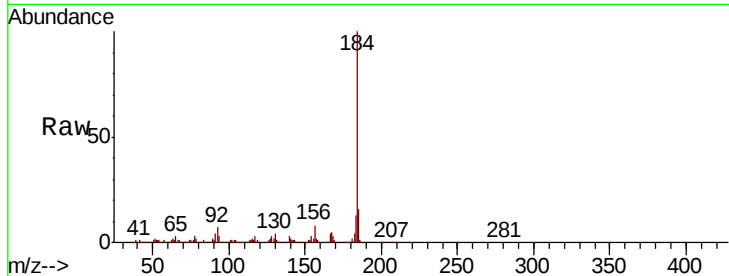
ClientSampled :

M-1MS

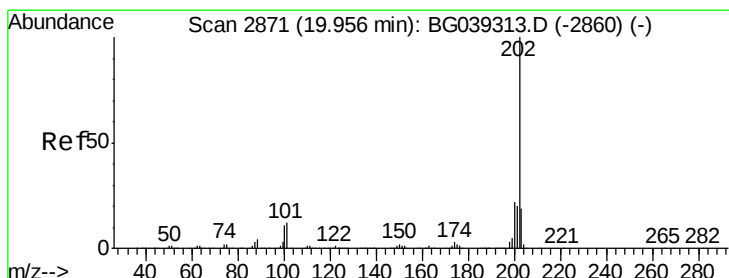
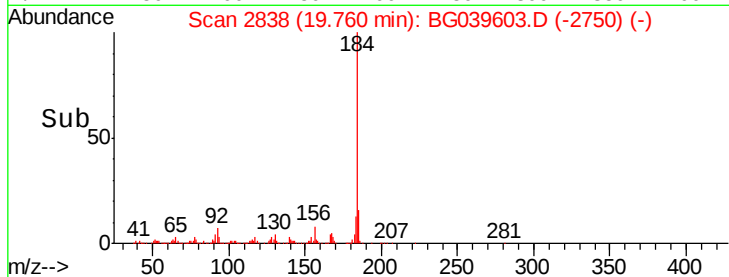
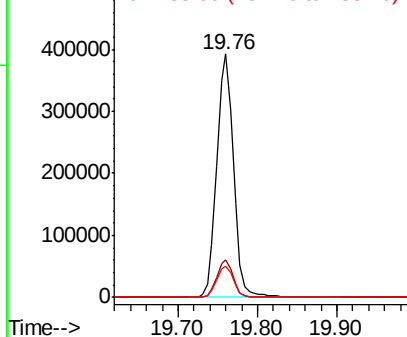
Tot Ion:	184	Resp:	575274
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.2	18.2
183	13.0	10.6	15.8

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



#78

Pyrene

Concen: 40.674 ng

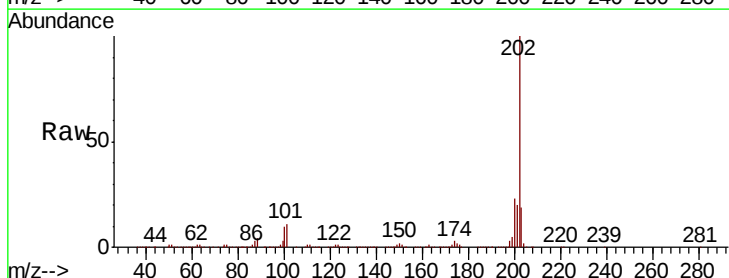
RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

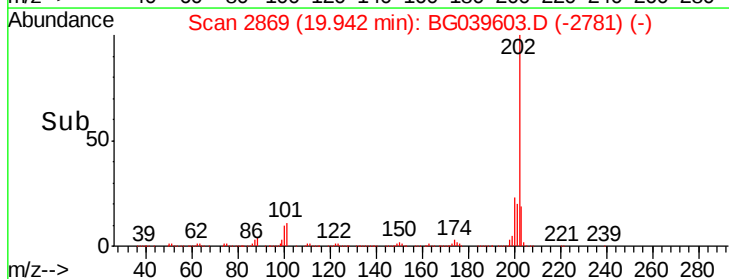
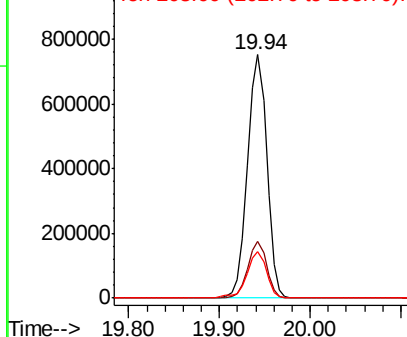
Lab File: BG039603.D

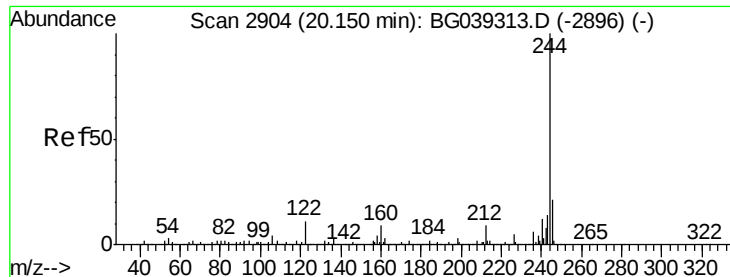
Acq: 26 Feb 2019 16:41

Tgt Ion:	202	Resp:	1112176
Ion Ratio	Lower	Upper	
202	100		
200	23.4	17.8	26.8
203	18.9	15.3	22.9



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





#79

Terphenyl-d14

Concen: 66.518 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

Instrument :

BNA_G

ClientSampled :

M-1MS

Tot Ion:244 Resp: 1380310

Ion Ratio Lower Upper

244 100

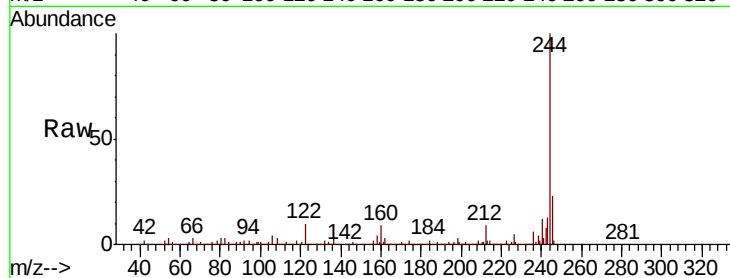
212 9.2 7.3 10.9

122 10.2 8.4 12.6

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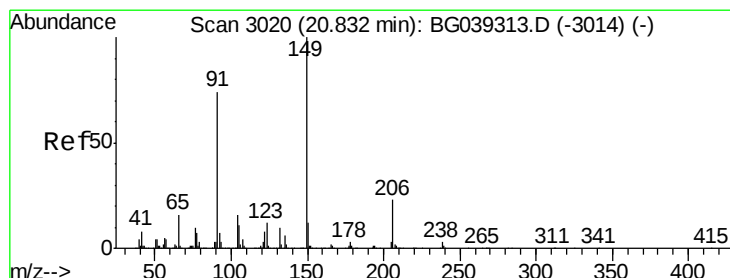
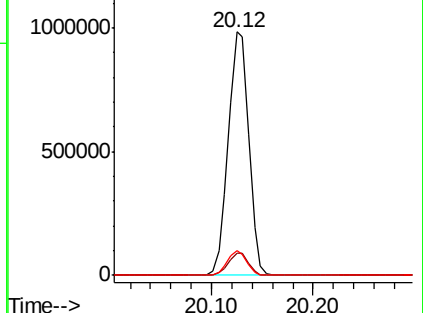
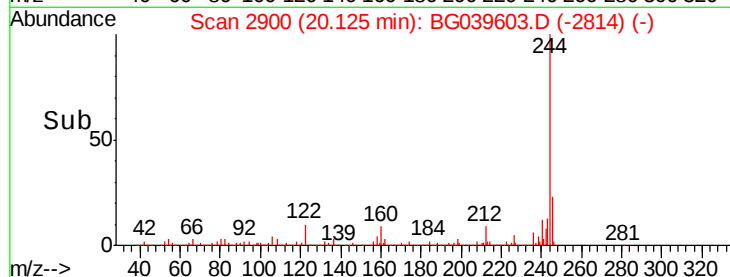
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.201 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039603.D

Acq: 26 Feb 2019 16:41

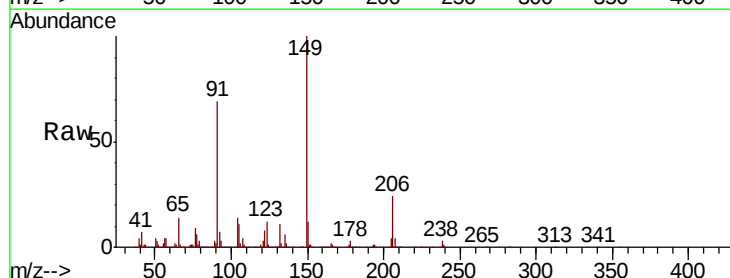
Tgt Ion:149 Resp: 475229

Ion Ratio Lower Upper

149 100

91 68.8 59.5 89.3

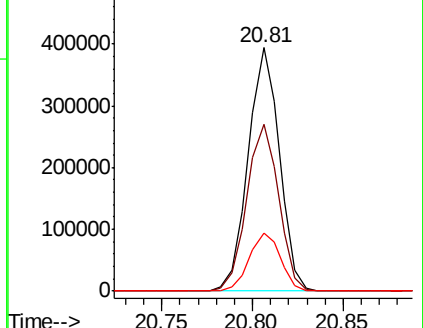
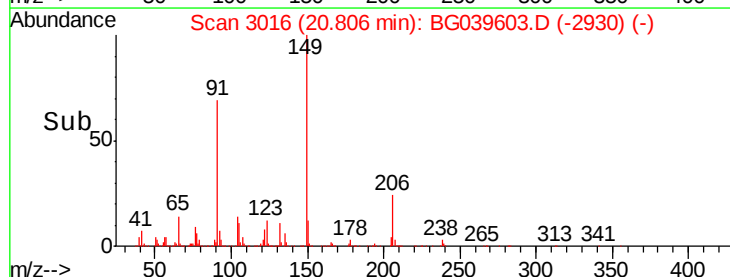
206 23.9 18.6 27.8

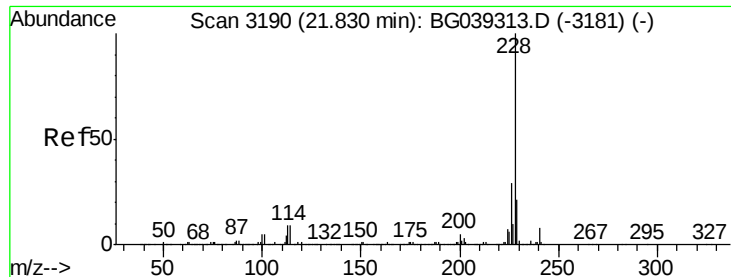


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





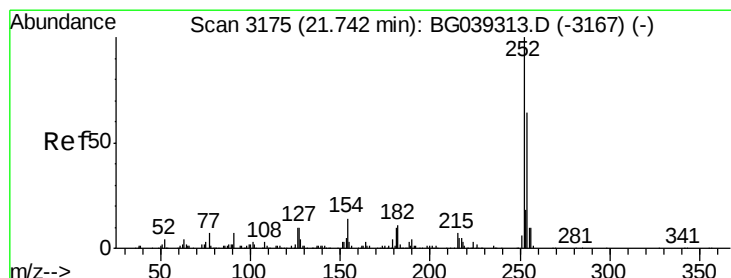
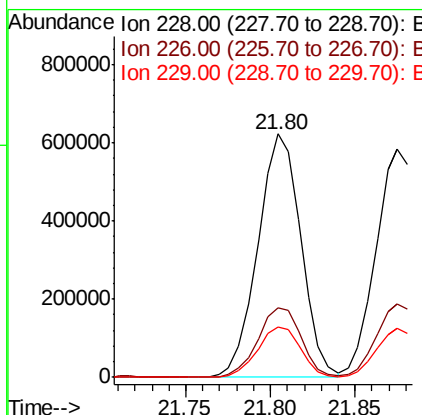
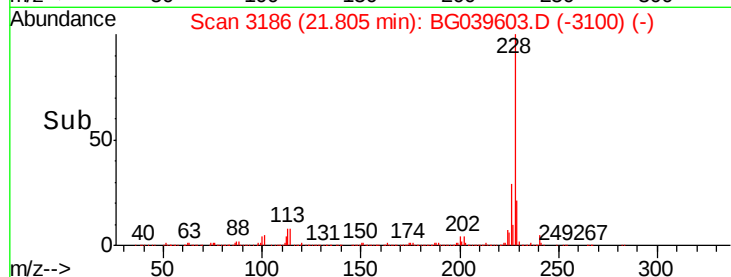
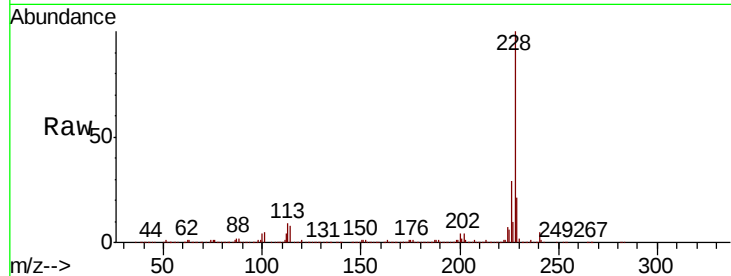
#81
Benzo(a)anthracene
Concen: 42.102 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	20.7	16.9	25.3

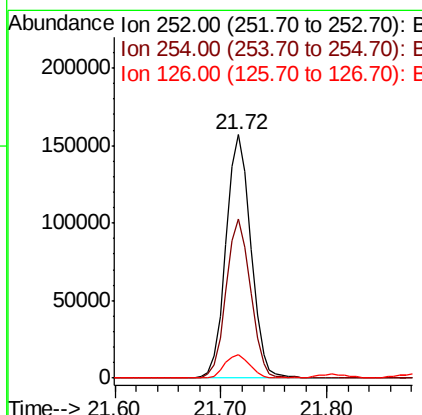
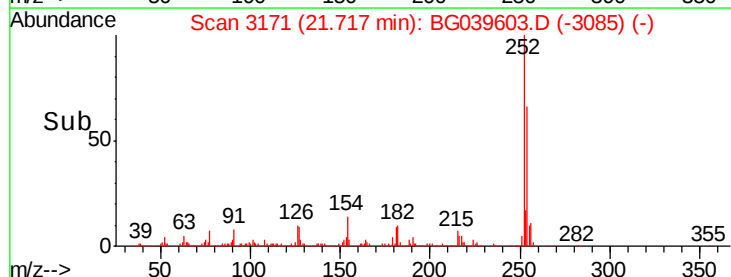
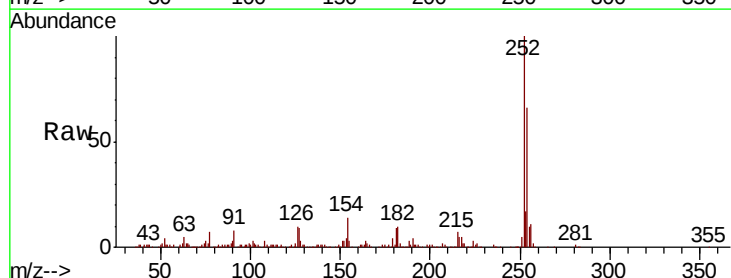
Manual Integrations
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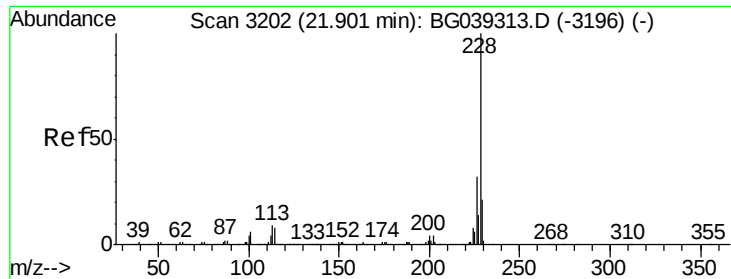
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#82
3,3'-Dichlorobenzidine
Concen: 26.563 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.03 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.3	76.9
126	9.5	8.0	12.0





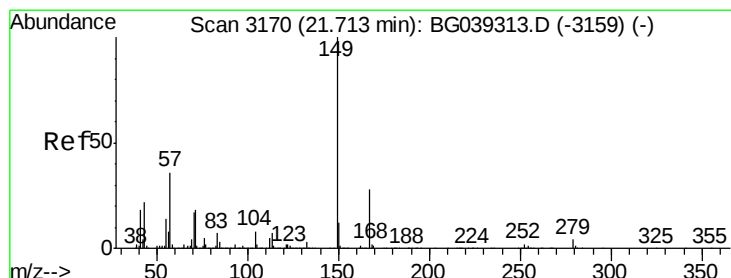
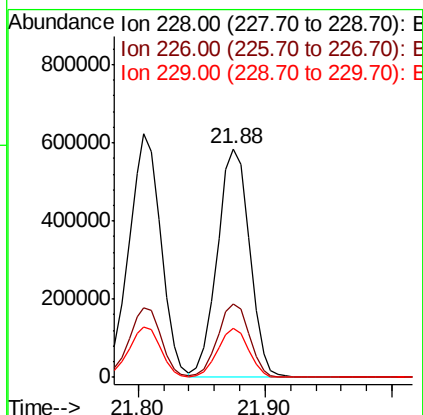
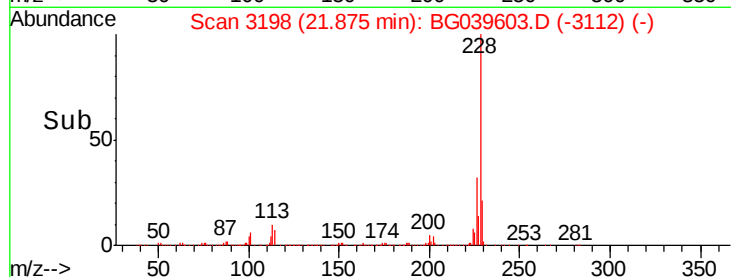
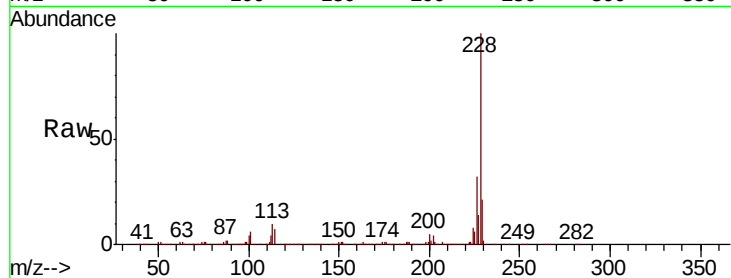
#83
 Chrysene
 Concen: 41.704 ng
 RT: 21.88 min Scan# 3198
 Delta R.T. -0.03 min
 Lab File: BG039603.D
 Acq: 26 Feb 2019 16:41

Instrument :
 BNA_G
 ClientSampleId :
 M-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.8	38.6
229	21.5	16.6	25.0

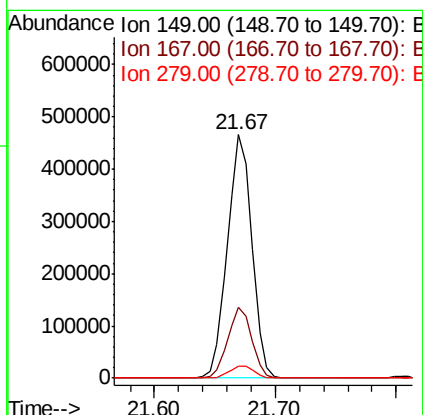
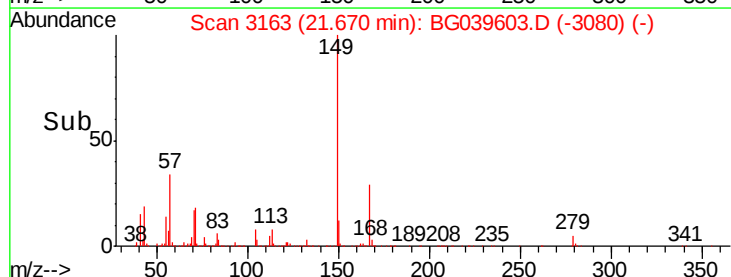
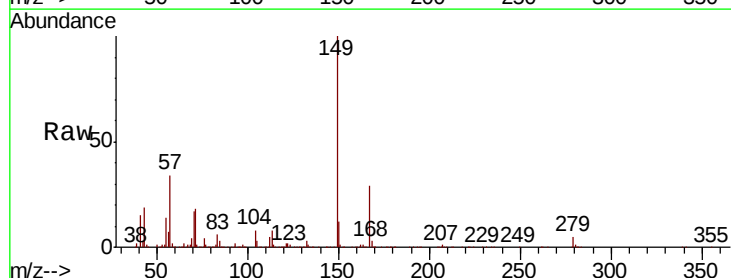
Manual Integrations
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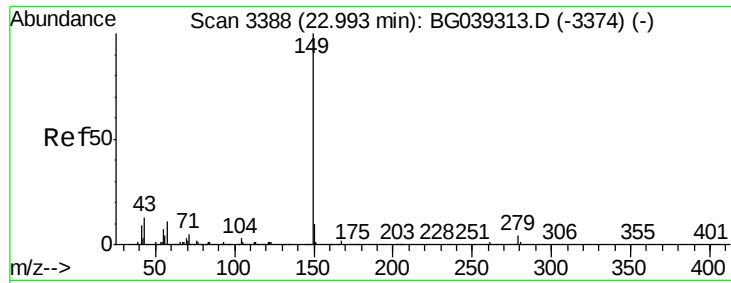
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.858 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.04 min
 Lab File: BG039603.D
 Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.6	34.0
279	5.1	3.5	5.3





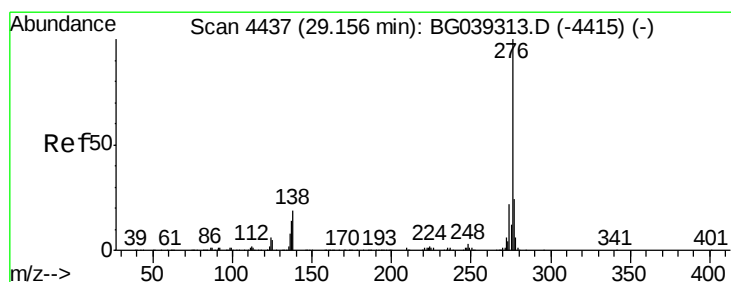
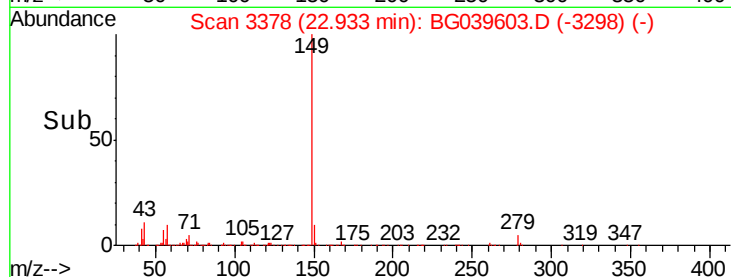
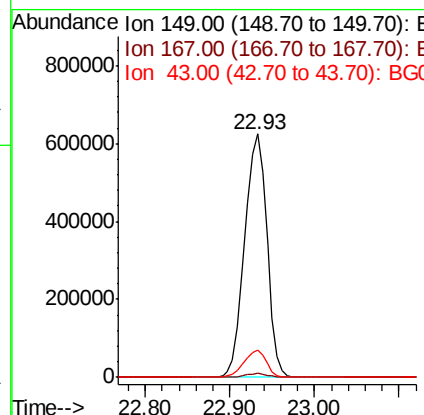
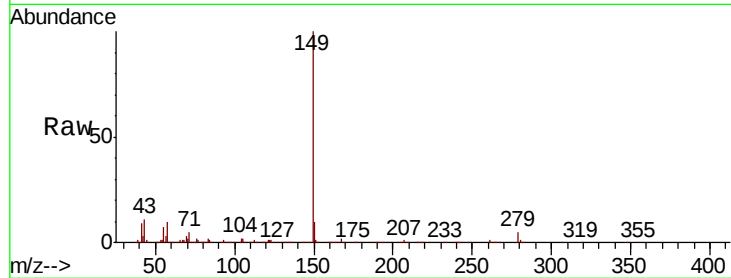
#85
Di-n-octyl phthalate
Concen: 41.871 ng
RT: 22.93 min Scan# 3378
Delta R.T. -0.06 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.1	10.2	15.4

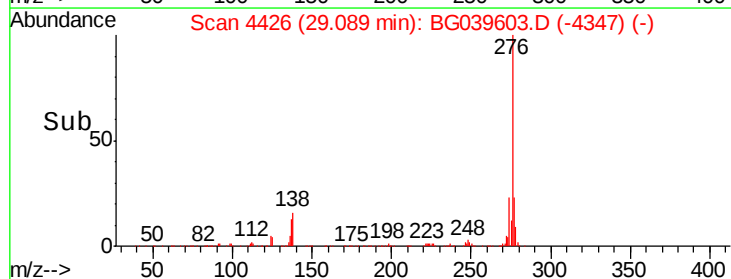
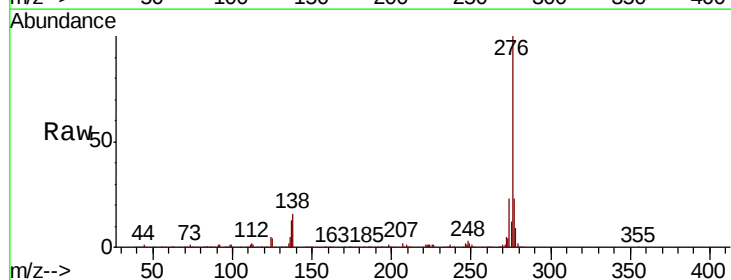
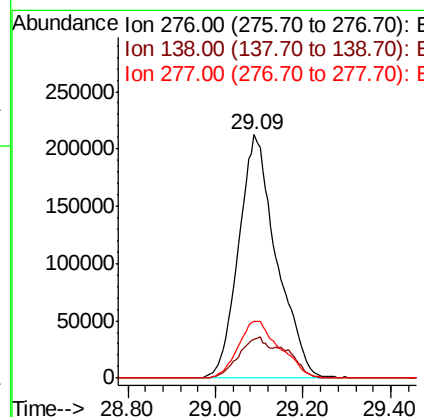
Manual Integrations
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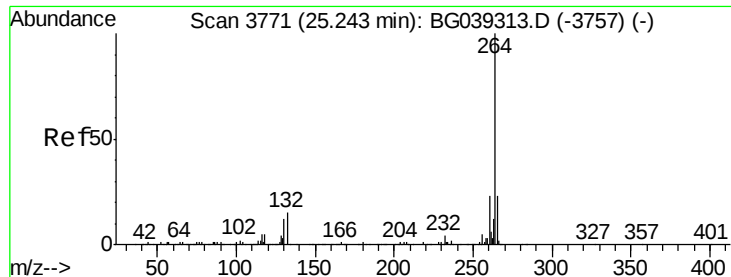
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.020 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.07 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.8	12.6	19.0
277	25.9	20.8	31.2





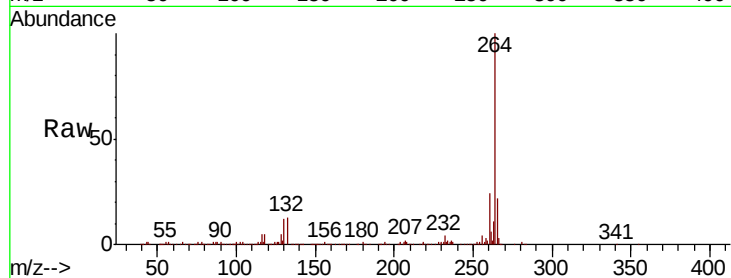
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	22.3	18.5	27.7

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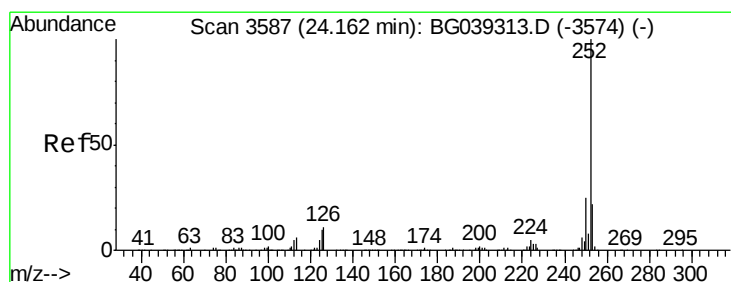
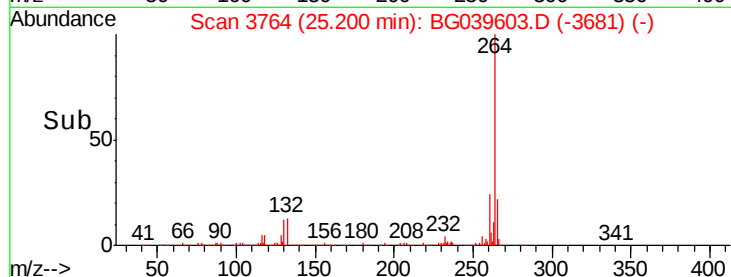
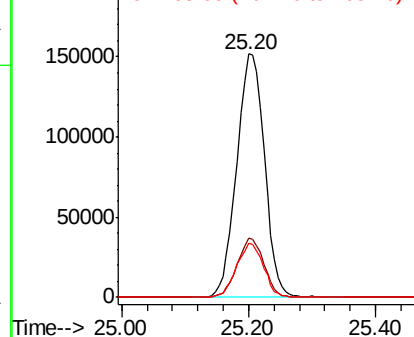


Abundance

Ion 264.00 (263.70 to 264.70): E

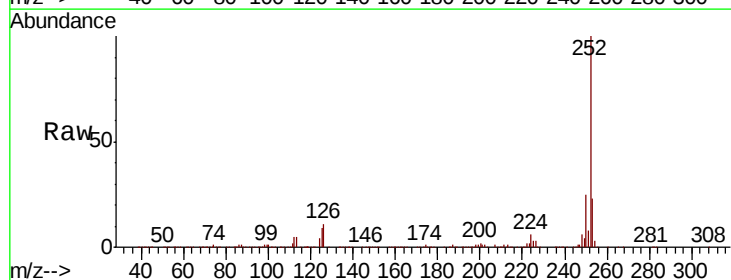
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 42.704 ng
RT: 24.13 min Scan# 3581
Delta R.T. -0.04 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	8.7	7.8	11.6

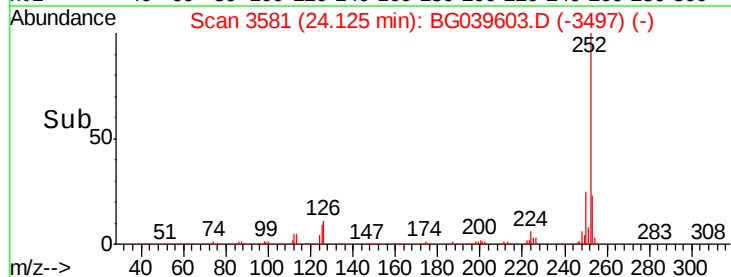
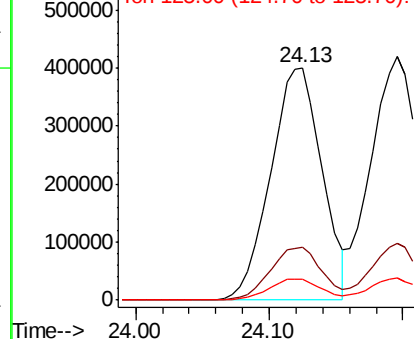


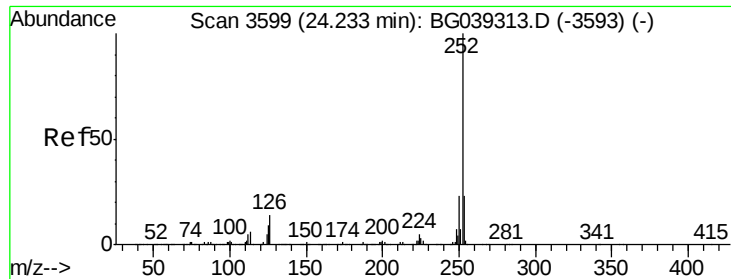
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





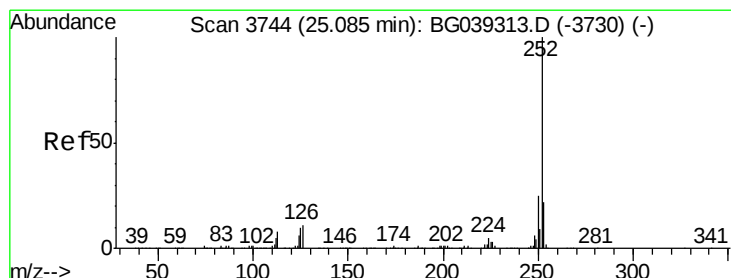
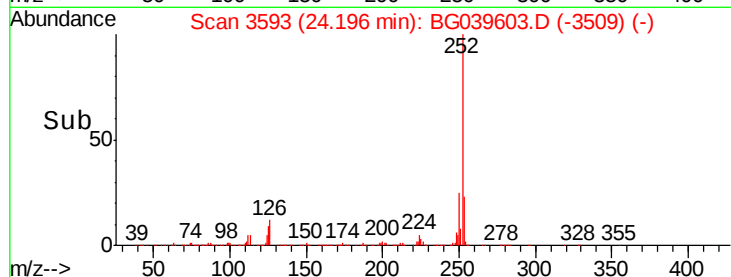
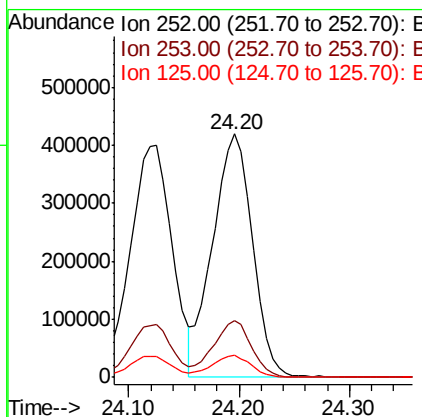
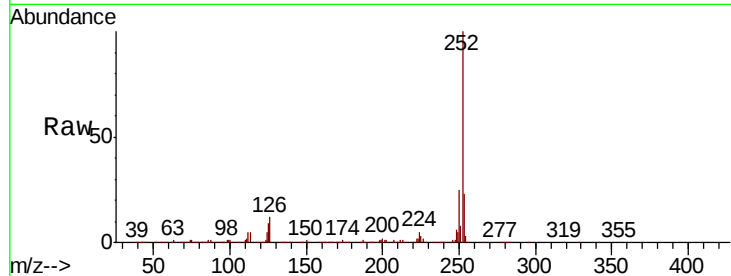
#89
Benzo(k)fluoranthene
Concen: 41.865 ng
RT: 24.20 min Scan# 3593
Delta R.T. -0.04 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampled :
M-1MS

Tot Ion:252 Resp: 1050616
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 9.3 7.4 11.2

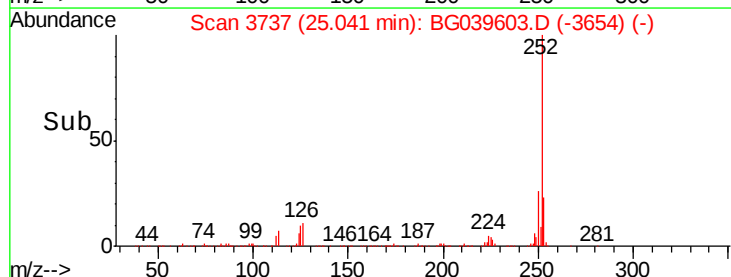
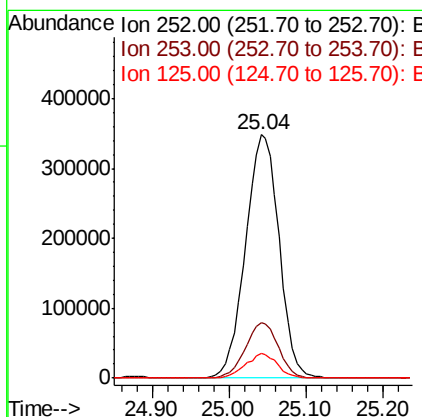
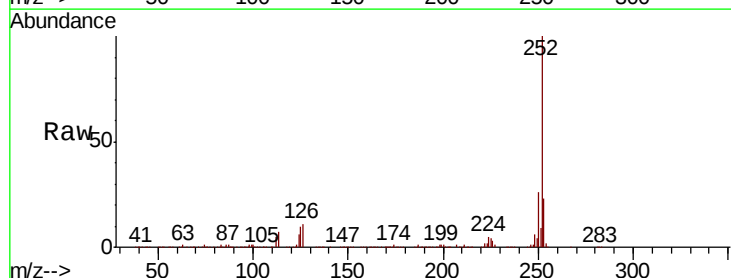
Manual Integrations
APPROVED

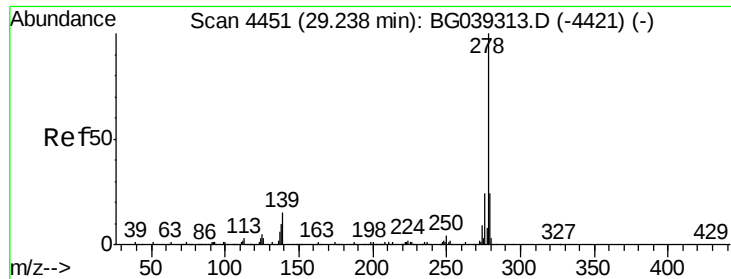
Sohil
2/27/2019 4:21:44 PM



#90
Benzo(a)pyrene
Concen: 44.025 ng
RT: 25.04 min Scan# 3737
Delta R.T. -0.04 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion:252 Resp: 1059805
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 10.2 8.3 12.5





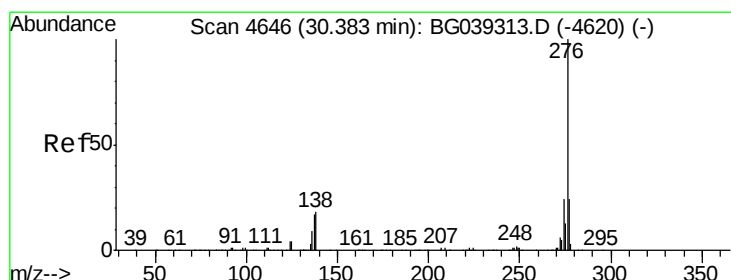
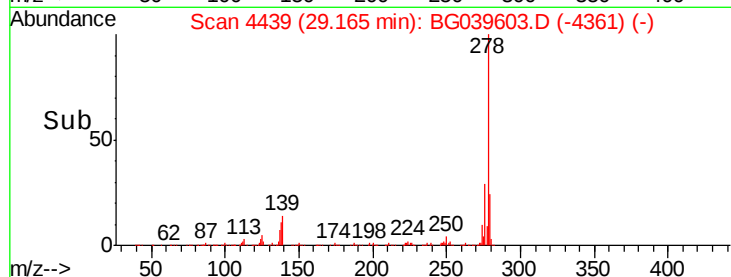
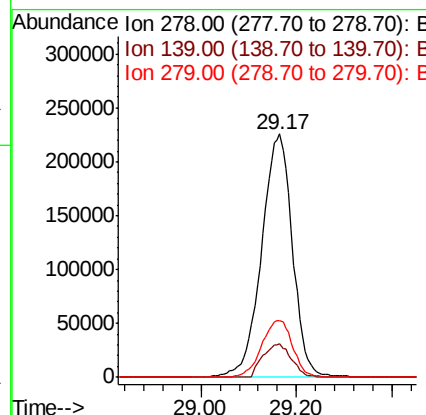
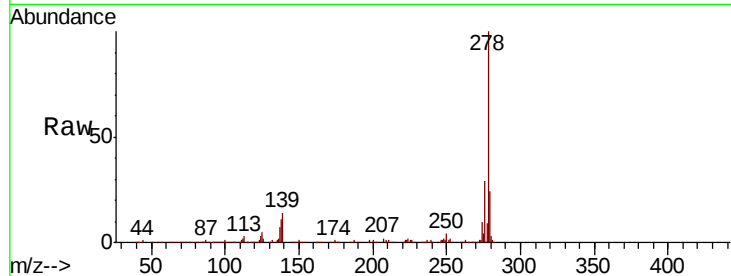
#91
Dibenzo(a,h)anthracene
Concen: 44.605 ng
RT: 29.17 min Scan# 4439
Delta R.T. -0.07 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Instrument :
BNA_G
ClientSampleId :
M-1MS

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	13.8	11.7	17.5	
279	23.6	19.1	28.7	

Manual Integrations
APPROVED

Sohil
2/27/2019 4:21:44 PM



#92
Benzo(g,h,i)perylene
Concen: 45.980 ng
RT: 30.32 min Scan# 4636
Delta R.T. -0.06 min
Lab File: BG039603.D
Acq: 26 Feb 2019 16:41

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.0	19.6	29.4	
138	18.7	14.7	22.1	

