

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039068.D
 Acq On : 11 Jan 2019 1:12
 Operator : JU/SJ
 Sample : PB116306BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116306BS

Manual Integrations
 APPROVED

Sohil
 1/11/2019 4:44:33 PM

Quant Time: Jan 11 05:56:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18919	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	89205	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	75472	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	208964	20.00	ng	0.00
76) Chrysene-d12	21.69	240	171418	20.00	ng	0.00
87) Perylene-d12	24.97	264	189619	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	170227	170.68	ng	0.00
7) Phenol-d6	7.19	99	252161	175.69	ng	0.00
23) Nitrobenzene-d5	9.21	82	145199	89.07	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	197398	156.03	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	468151	84.89	ng	0.00
79) Terphenyl-d14	20.02	244	875018	94.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	11110	28.447	ng	93
3) Pyridine	3.86	79	33508	31.575	ng	97
4) n-Nitrosodimethylamine	3.78	42	23358	48.913	ng	87
6) Aniline	7.35	93	34064	19.762	ng	96
8) 2-Chlorophenol	7.59	128	66148	56.266	ng	97
9) Benzaldehyde	7.17	77	18788	22.699	ng	97
10) Phenol	7.22	94	83793	58.231	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	47599	43.280	ng	99
12) 1,3-Dichlorobenzene	7.91	146	57218	40.622	ng	96
13) 1,4-Dichlorobenzene	8.06	146	60068	42.107	ng	99
14) 1,2-Dichlorobenzene	8.38	146	60336	44.360	ng	96
15) Benzyl Alcohol	8.27	79	59784	55.311	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	94681	44.896	ng	99
17) 2-Methylphenol	8.48	107	59362	59.410	ng	97
18) Hexachloroethane	9.10	117	20255	41.794	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	45923	48.724	ng	95
20) 3+4-Methylphenols	8.80	107	83127	58.352	ng	97
22) Acetophenone	8.86	105	95544	41.013	ng	# 97
24) Nitrobenzene	9.25	77	70839	42.991	ng	98
25) Isophorone	9.76	82	142421	50.717	ng	99
26) 2-Nitrophenol	9.96	139	40755	45.727	ng	# 94
27) 2,4-Dimethylphenol	10.01	122	74641	59.526	ng	93
28) bis(2-Chloroethoxy)methane	10.24	93	76502	45.329	ng	98
29) 2,4-Dichlorophenol	10.49	162	86954	55.820	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	78792	42.096	ng	99
31) Naphthalene	10.90	128	210387	47.024	ng	99
32) Benzoic acid	10.17	122	33893	44.746	ng	99
33) 4-Chloroaniline	11.02	127	26527	13.251	ng	99
34) Hexachlorobutadiene	11.15	225	50137	38.930	ng	98
35) Caprolactam	11.81	113	32297m	51.703	ng	
36) 4-Chloro-3-methylphenol	12.14	107	94289	56.592	ng	91
37) 2-Methylnaphthalene	12.50	142	173755	51.800	ng	98
38) 1-Methylnaphthalene	12.72	142	167638	52.067	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	115508	40.752	ng	100

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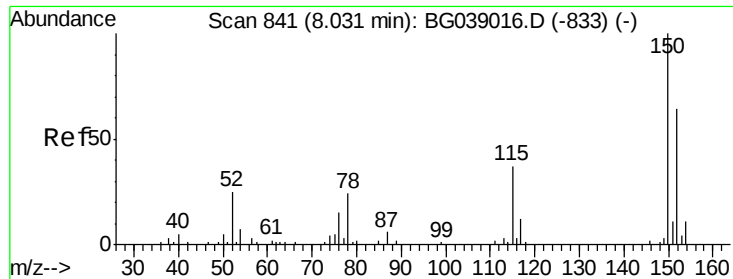
Manual Integrations
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 1/11/2019 4:44:33 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	120545	75.834	nq	98
43) 2,4,6-Trichlorophenol	13.11	196	87583	49.096	nq	98
44) 2,4,5-Trichlorophenol	13.19	196	98929	52.470	nq	96
46) 1,1'-Biphenyl	13.50	154	248837	41.610	nq	99
47) 2-Chloronaphthalene	13.55	162	204263	42.209	nq	100
48) 2-Nitroaniline	13.76	65	64177	47.336	nq	97
49) Acenaphthylene	14.40	152	349210	48.009	nq	99
50) Dimethylphthalate	14.12	163	295811	46.382	nq	100
51) 2,6-Dinitrotoluene	14.26	165	68149	47.794	nq	97
52) Acenaphthene	14.73	154	197822	45.265	nq	95
53) 3-Nitroaniline	14.59	138	26518	18.333	nq	# 97
54) 2,4-Dinitrophenol	14.80	184	35317	44.025	nq	93
55) Dibenzofuran	15.07	168	351117	45.490	nq	99
56) 4-Nitrophenol	14.91	139	97401	93.585	nq	98
57) 2,4-Dinitrotoluene	15.04	165	98173	47.990	nq	96
58) Fluorene	15.72	166	289693	49.862	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	95843	53.851	nq	98
60) Diethylphthalate	15.48	149	313077	47.645	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	166490	45.486	nq	99
62) 4-Nitroaniline	15.76	138	69388	46.048	nq	98
63) Azobenzene	16.00	77	238572	46.427	nq	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	42573	27.500	nq	90
66) n-Nitrosodiphenylamine	15.93	169	272853	44.046	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	119226	44.386	nq	96
68) Hexachlorobenzene	16.72	284	128748	43.925	nq	96
69) Atrazine	16.87	200	115427	43.862	nq	98
70) Pentachlorophenol	17.07	266	102093	58.087	nq	96
71) Phenanthrene	17.46	178	520733	47.146	nq	99
72) Anthracene	17.55	178	525570	48.126	nq	100
73) Carbazole	17.83	167	435675	40.412	nq	99
74) Di-n-butylphthalate	18.36	149	532225	44.377	nq	100
75) Fluoranthene	19.47	202	571676	41.751	nq	99
77) Benzidine	19.66	184	123330	23.523	nq	98
78) Pyrene	19.83	202	562782	51.517	nq	99
80) Butylbenzylphthalate	20.70	149	192379	46.302	nq	97
81) Benzo(a)anthracene	21.68	228	507901	48.673	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	86068	20.243	nq	99
83) Chrysene	21.75	228	473608	47.720	nq	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	264191	45.794	nq	98
85) Di-n-octyl phthalate	22.76	149	456685	46.815	nq	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	598094	50.434	nq	# 96
88) Benzo(b)fluoranthene	23.93	252	513473	49.110	nq	100
89) Benzo(k)fluoranthene	24.00	252	493190	47.708	nq	97
90) Benzo(a)pyrene	24.83	252	499026	49.379	nq	98
91) Dibenzo(a,h)anthracene	28.80	278	500636	49.803	nq	98
92) Benzo(g,h,i)perylene	29.93	276	492416	49.481	nq	98

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



#1

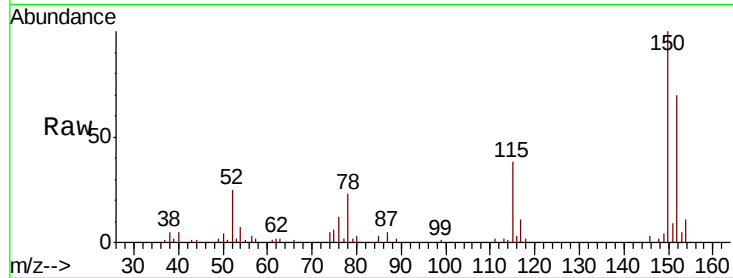
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.7	124.7	187.1
115	54.8	46.5	69.7

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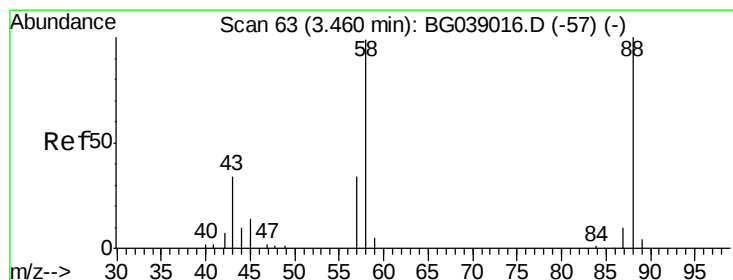
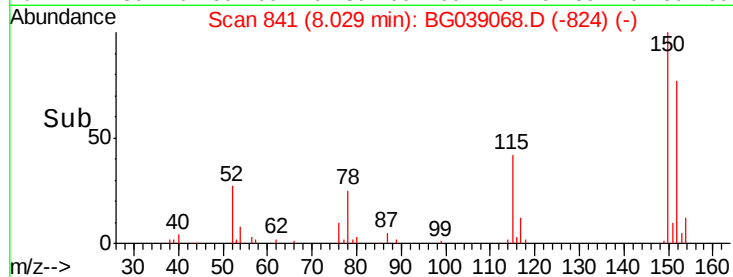
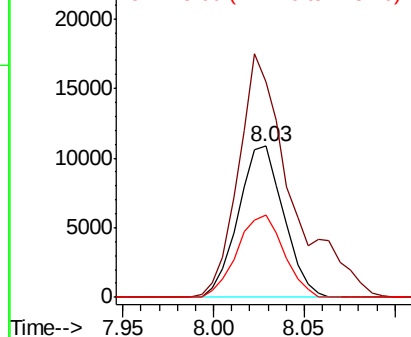


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

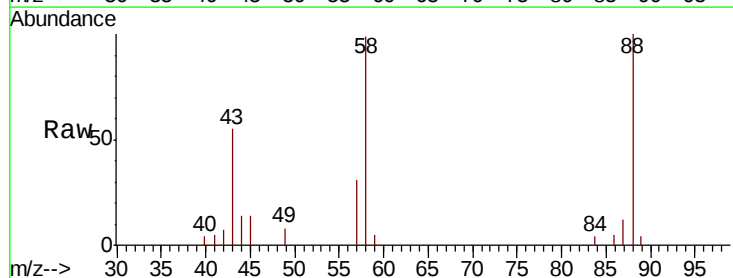
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.447 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.4	72.4	108.6
43	36.9	27.6	41.4

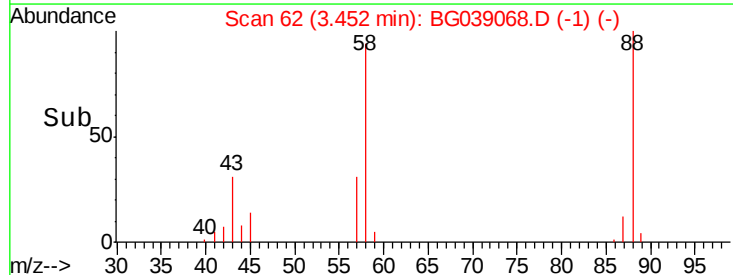
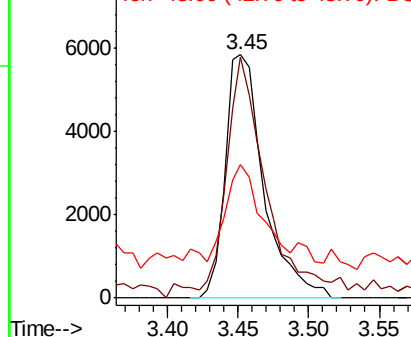


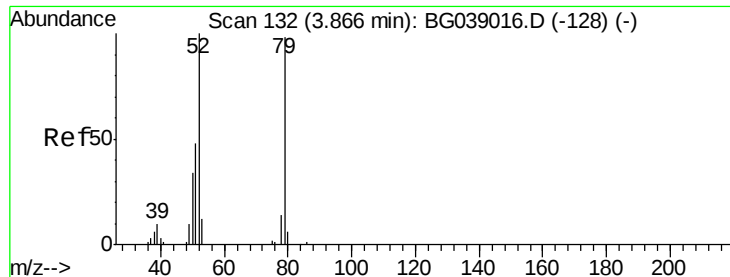
Abundance

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: 31.575 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

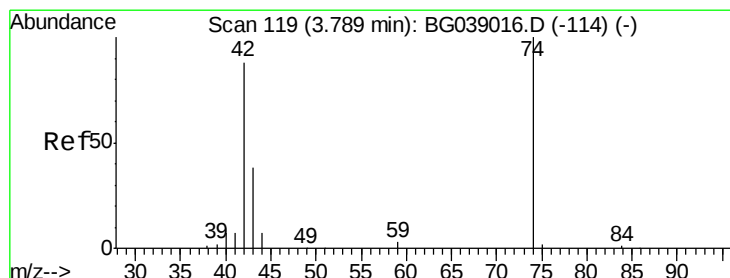
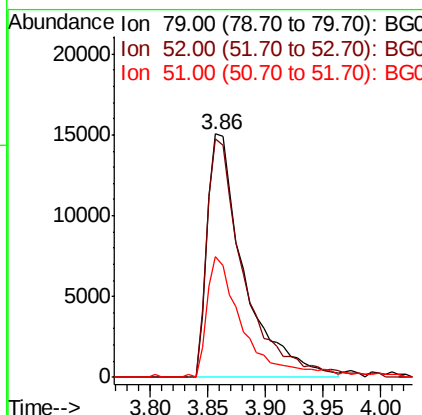
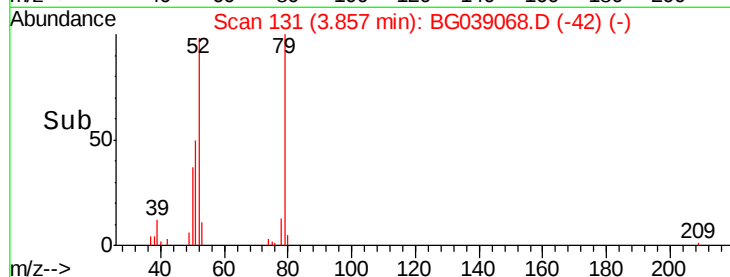
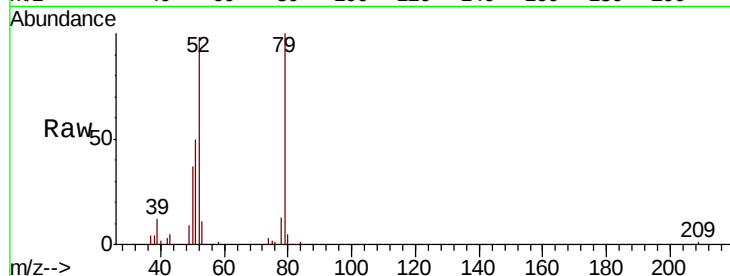
ClientSampleId :

PB116306BS

Tot Ion:	79	Resp:	33508
Ion Ratio	Lower	Upper	
79	100		
52	98.0	81.5	122.3
51	49.8	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 48.913 ng

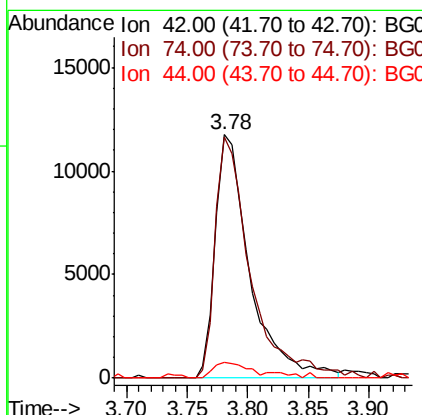
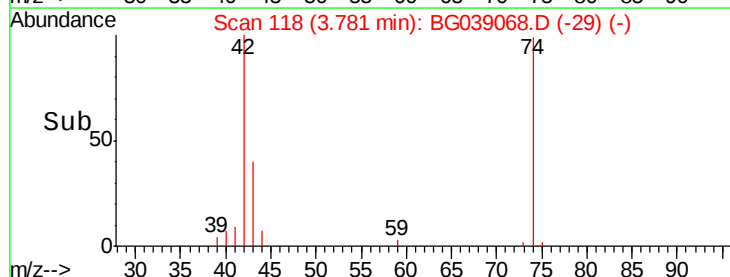
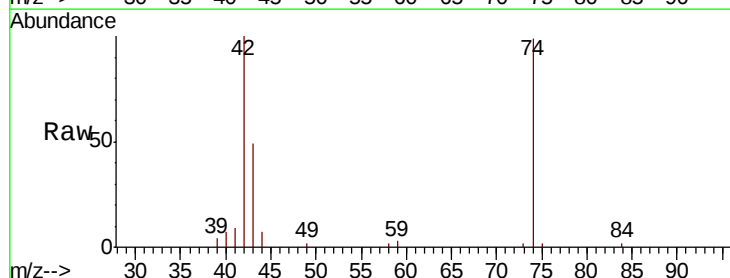
RT: 3.78 min Scan# 118

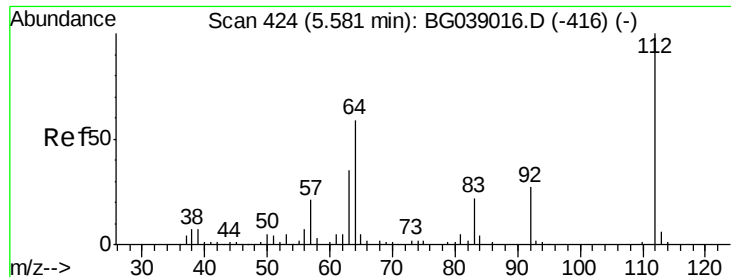
Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:	42	Resp:	23358
Ion Ratio	Lower	Upper	
42	100		
74	98.9	90.7	136.1
44	6.7	6.5	9.7





#5

2-Fluorophenol

Concen: 170.684 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

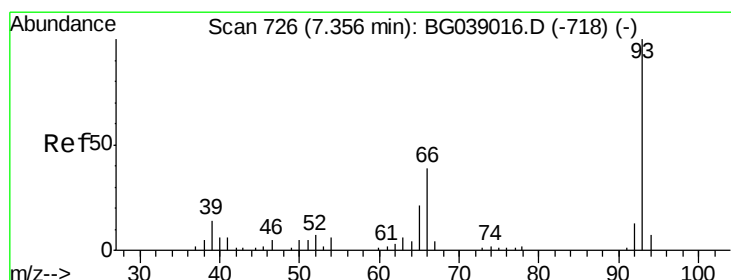
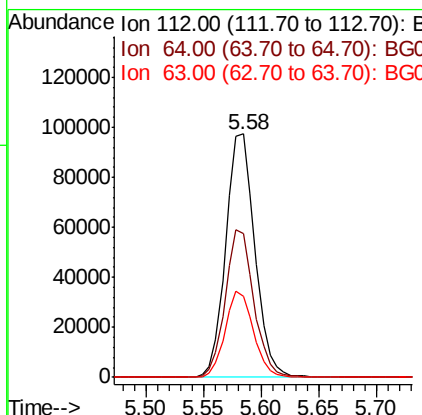
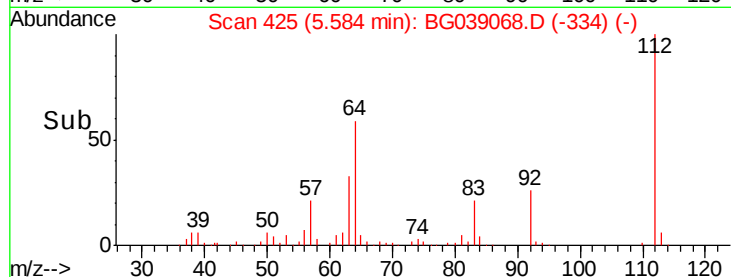
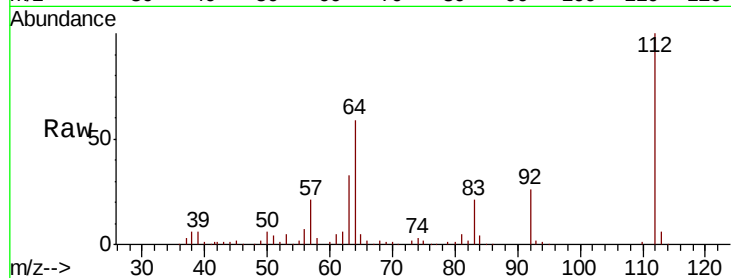
ClientSampleId :

PB116306BS

Tot Ion:	112	Resp:	170227
Ion Ratio	Lower	Upper	
112	100		
64	59.0	47.0	70.6
63	33.4	28.0	42.0

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#6

Aniline

Concen: 19.762 ng

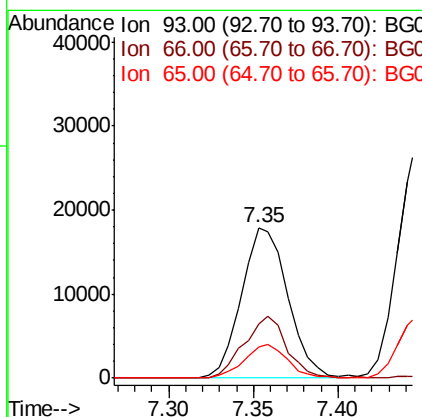
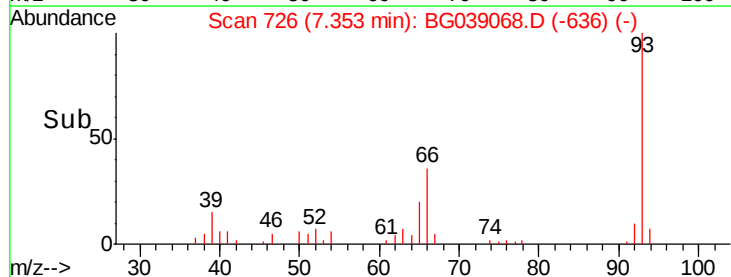
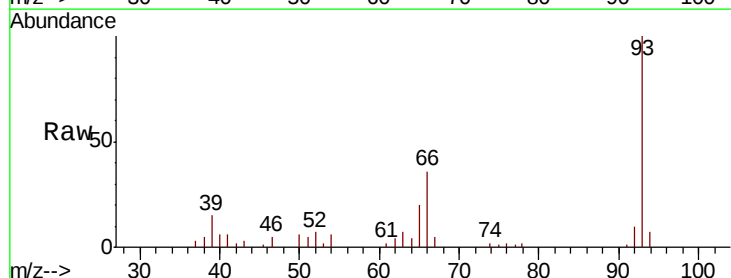
RT: 7.35 min Scan# 726

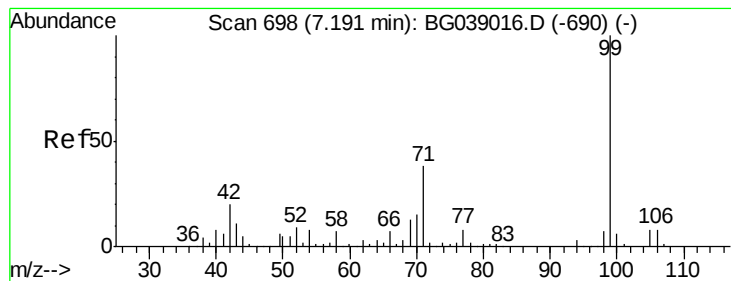
Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:	93	Resp:	34064
Ion Ratio	Lower	Upper	
93	100		
66	35.6	30.9	46.3
65	20.4	17.0	25.4





#7

Phenol-d6

Concen: 175.688 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

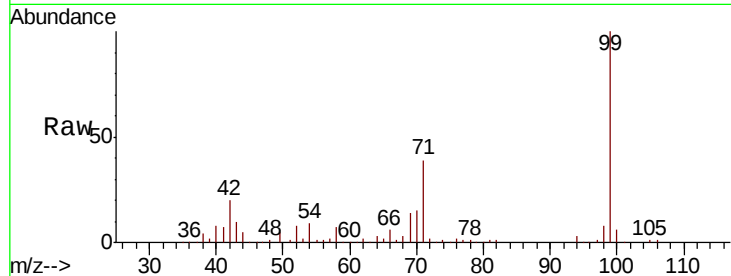
ClientSampleId :

PB116306BS

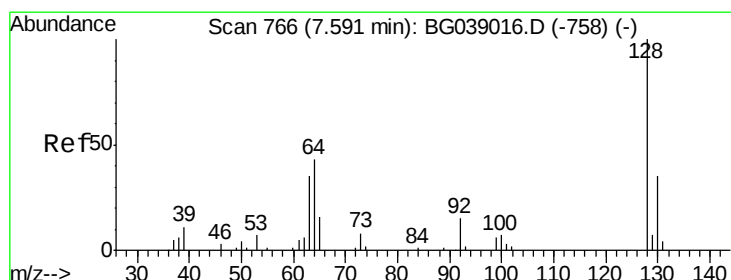
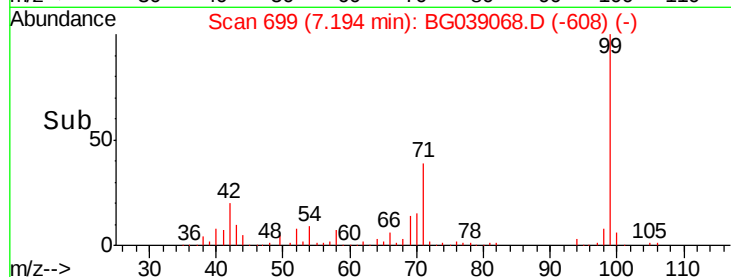
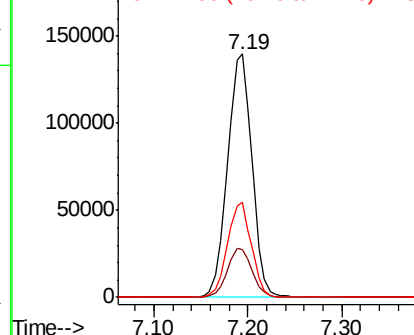
Tot Ion:	99	Resp:	252161
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.8	23.6
71	38.9	30.2	45.4

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



#8

2-Chlorophenol

Concen: 56.266 ng

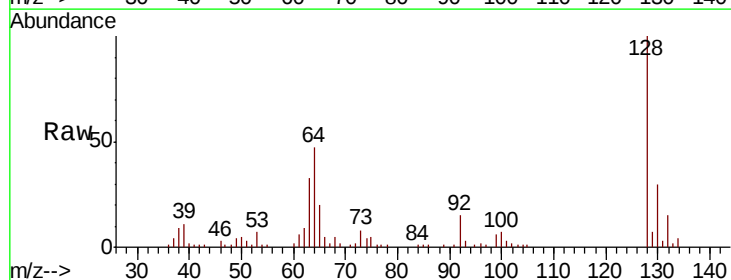
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

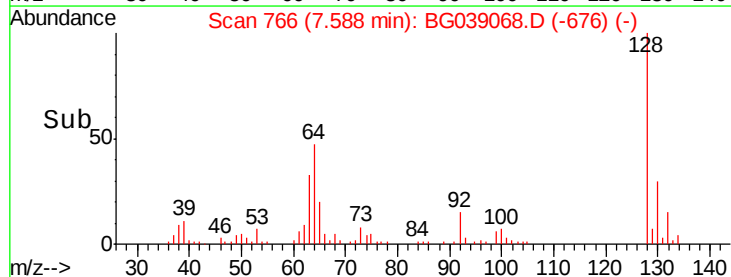
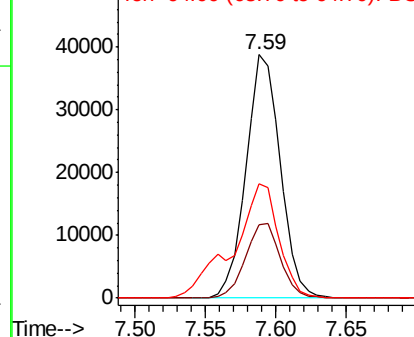
Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:	128	Resp:	66148
Ion Ratio	Lower	Upper	
128	100		
130	30.0	14.5	54.5
64	47.2	27.3	67.3



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





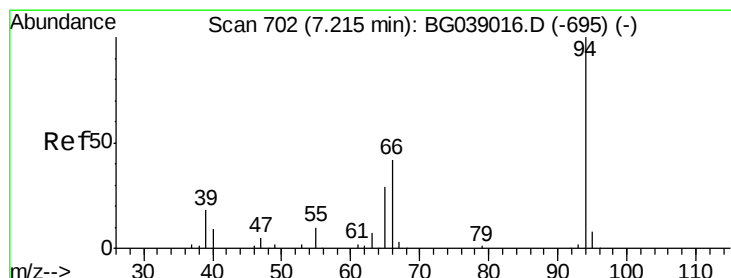
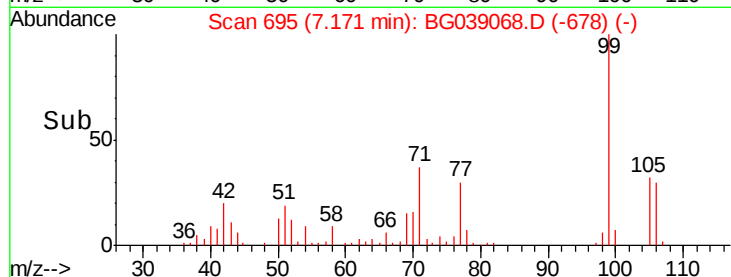
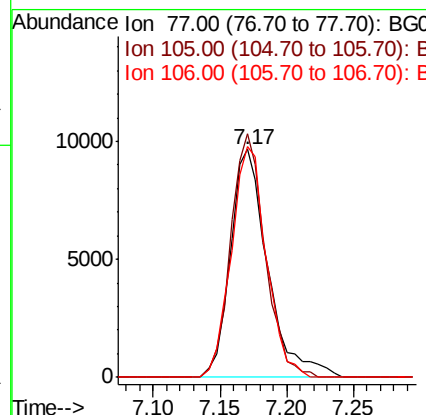
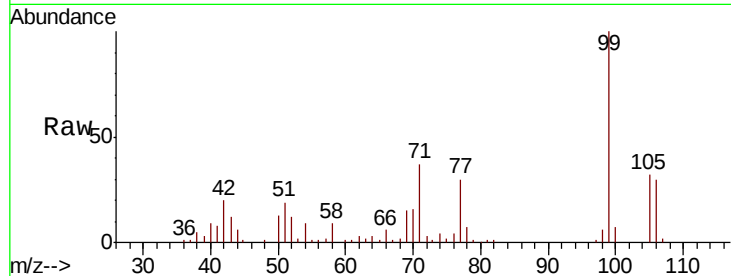
#9
Benzaldehyde
Concen: 22.699 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampled :
PB116306BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.9	82.4	122.4
106	101.2	82.8	122.8

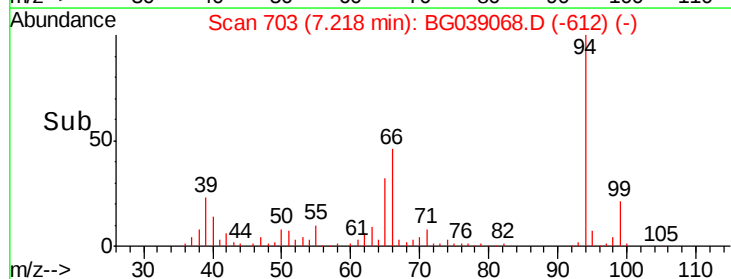
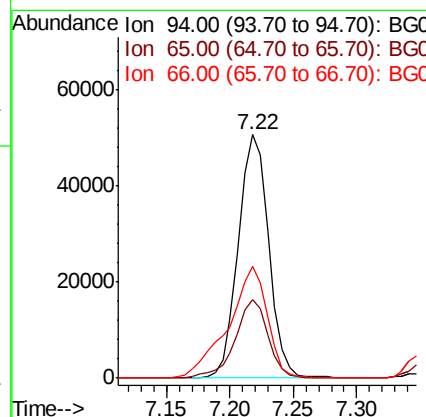
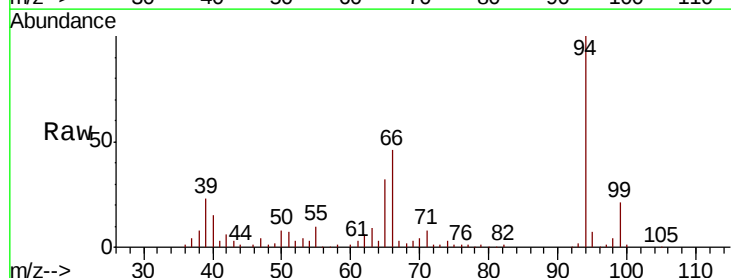
Manual Integrations
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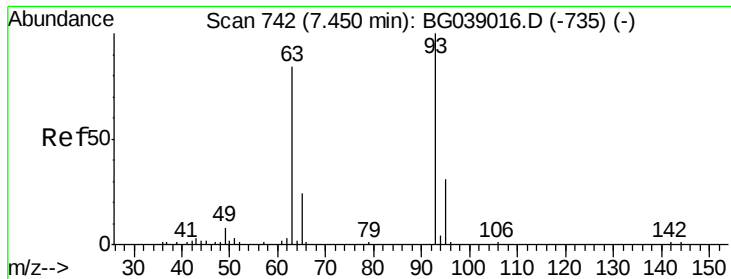
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#10
Phenol
Concen: 58.231 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.3	10.3	50.3
66	46.1	25.1	65.1





#11

bis(2-Chloroethyl)ether

Concen: 43.280 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

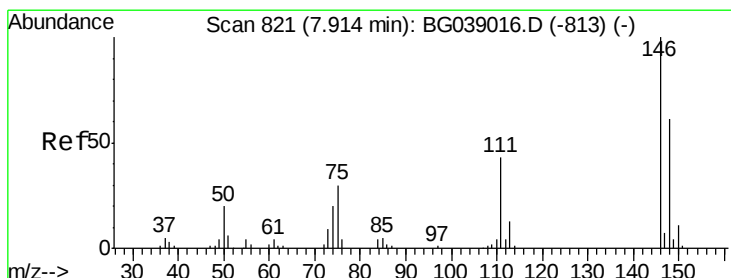
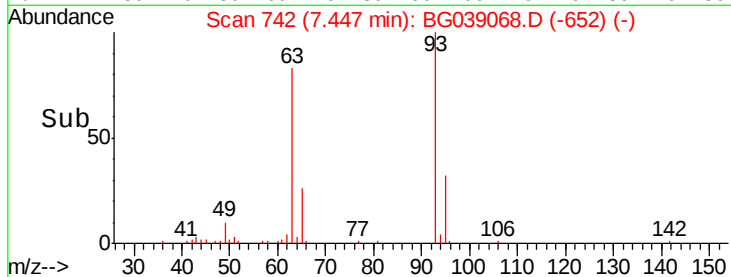
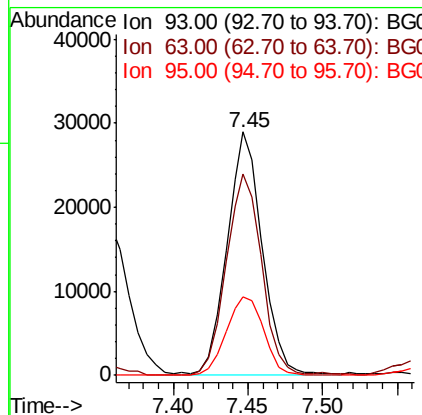
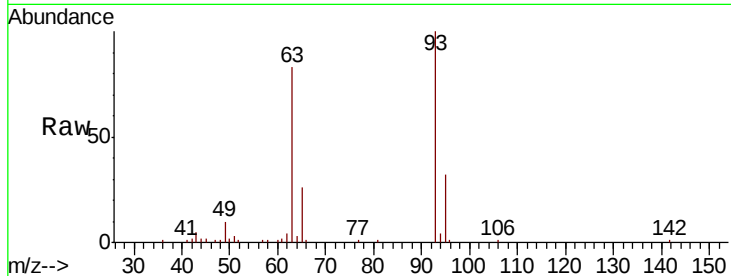
ClientSampleId :

PB116306BS

Tot Ion:	93	Resp:	47599
Ion	Ratio	Lower	Upper
93	100		
63	82.7	63.2	103.2
95	32.2	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 40.622 ng

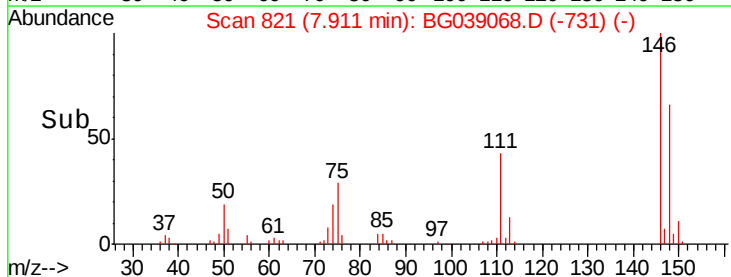
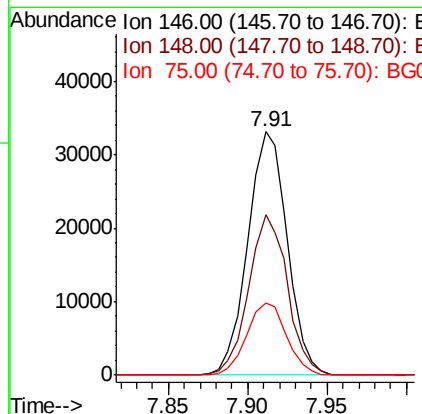
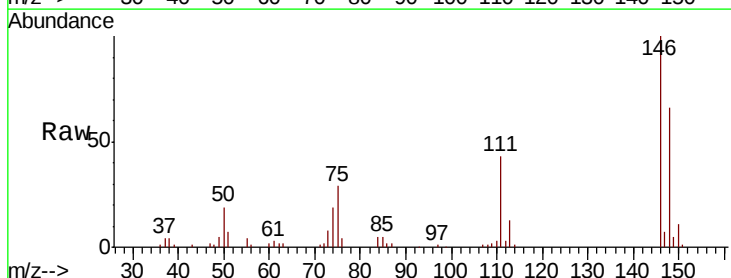
RT: 7.91 min Scan# 821

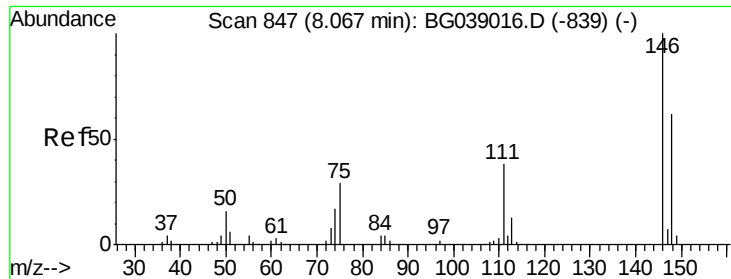
Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:	146	Resp:	57218
Ion	Ratio	Lower	Upper
146	100		
148	65.8	49.1	73.7
75	29.4	23.9	35.9





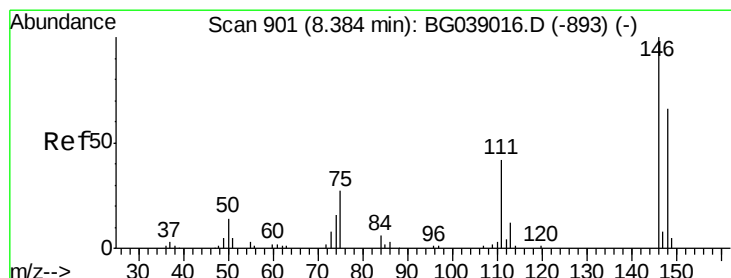
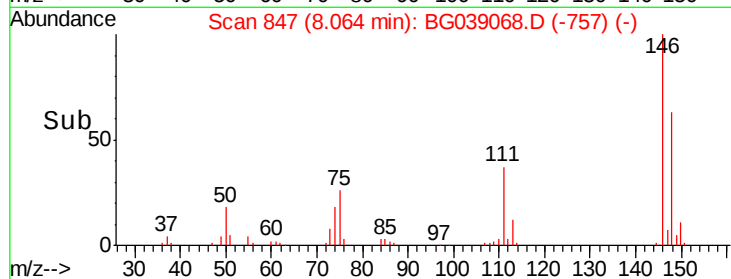
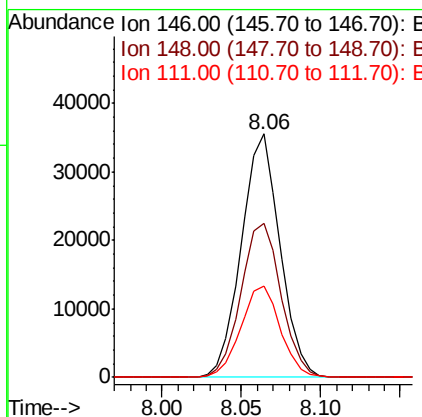
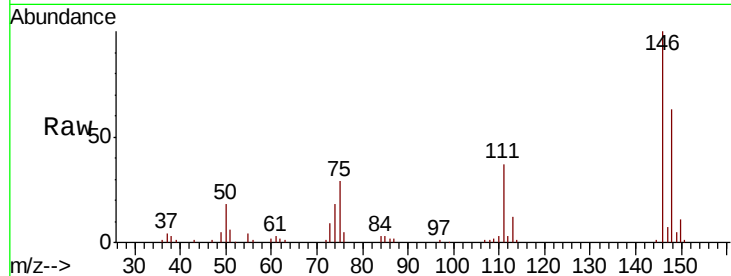
#13
 1,4-Dichlorobenzene
 Concen: 42.107 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB116306BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.8	74.6
111	37.5	30.6	45.8

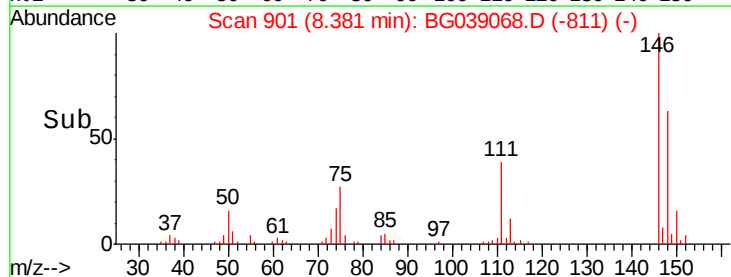
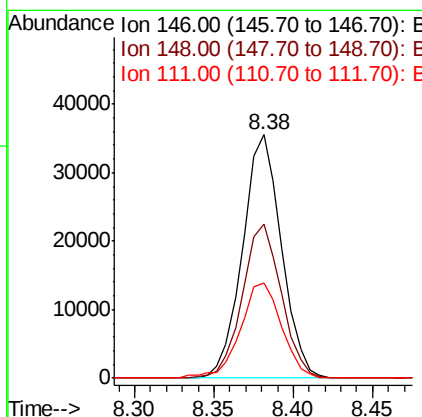
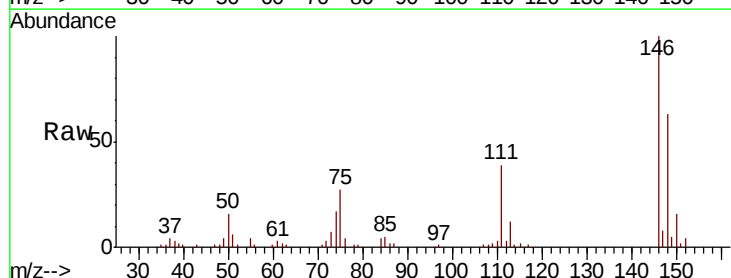
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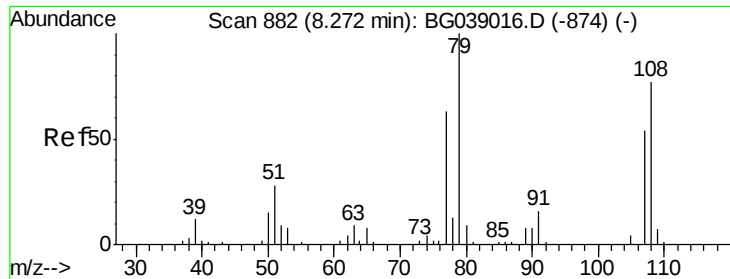
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 44.360 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.6	79.0
111	39.2	34.6	51.8





#15

Benzyl Alcohol

Concen: 55.311 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

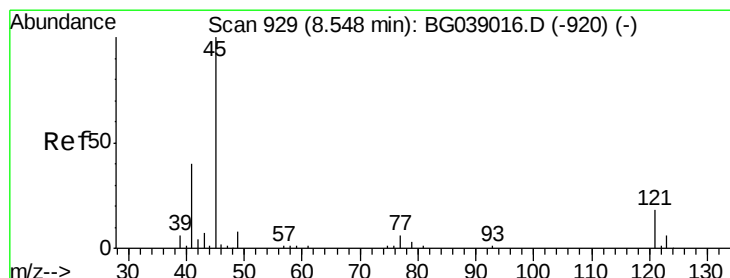
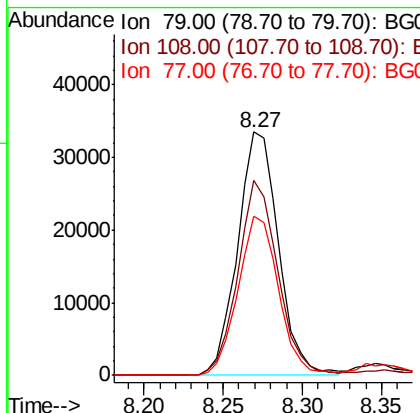
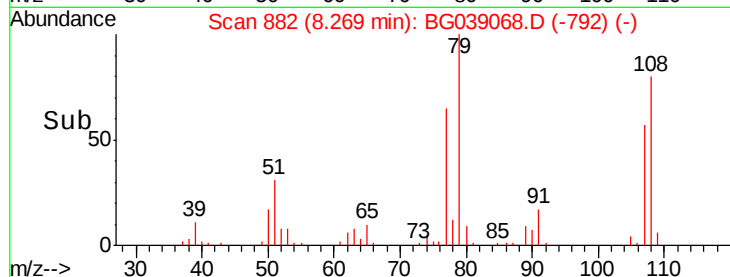
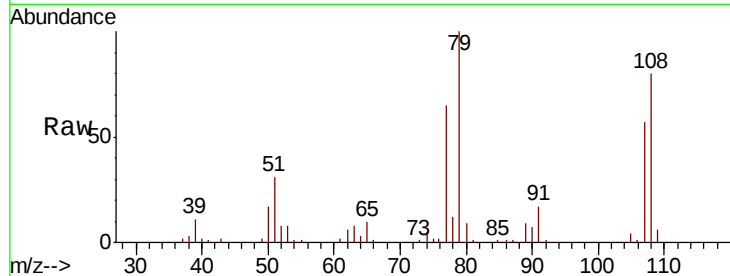
ClientSampled :

PB116306BS

Tot Ion:	79	Resp:	59784
Ion Ratio	Lower	Upper	
79	100		
108	79.9	62.0	93.0
77	65.1	50.1	75.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.896 ng

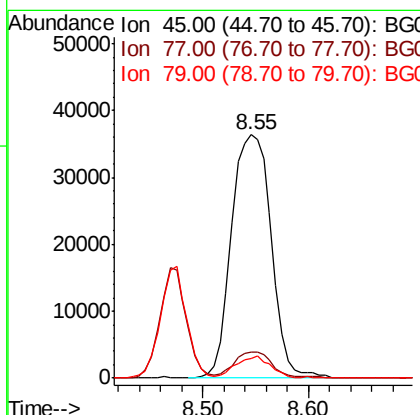
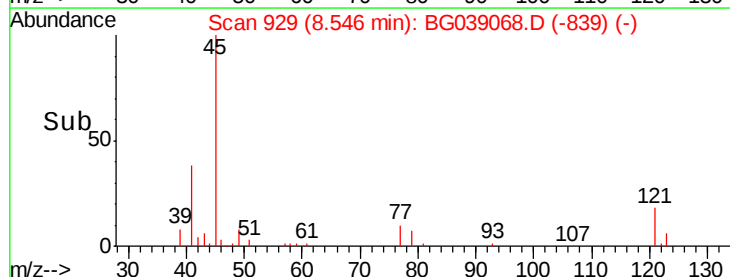
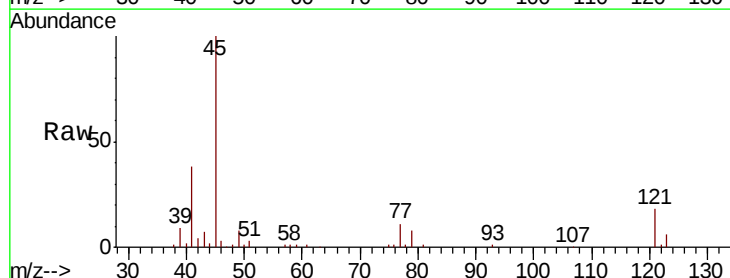
RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:	45	Resp:	94681
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	30.7
79	8.0	0.0	28.5





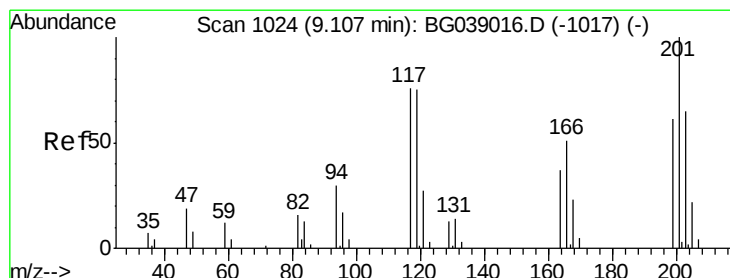
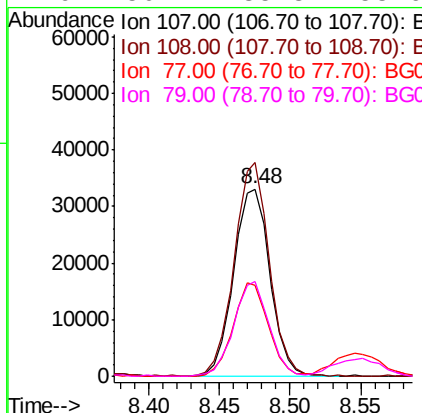
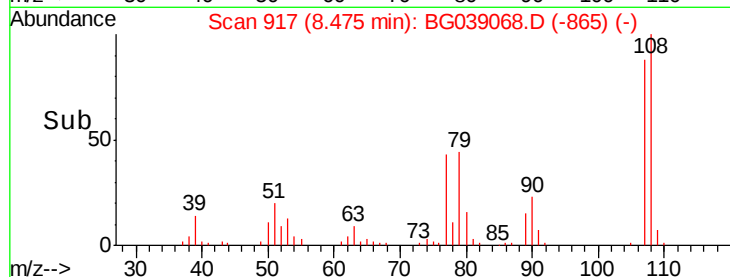
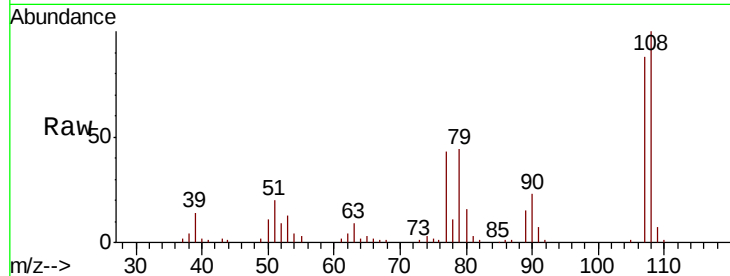
#17
2-Methylphenol
Concen: 59.410 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion:	107	Resp:	59362
Ion Ratio	Lower	Upper	
107	100		
108	114.2	90.3	135.5
77	48.9	38.3	57.5
79	50.4	35.8	53.6

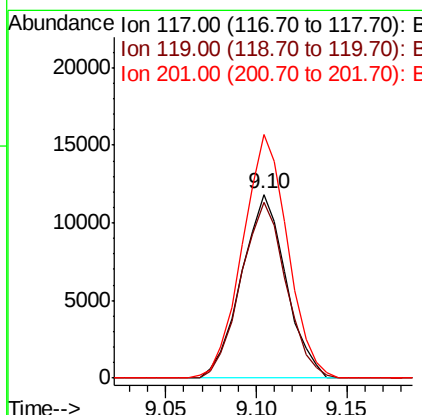
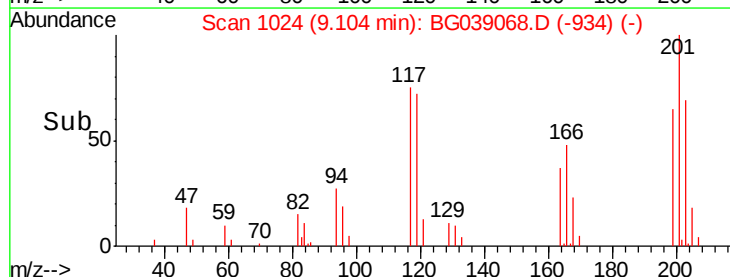
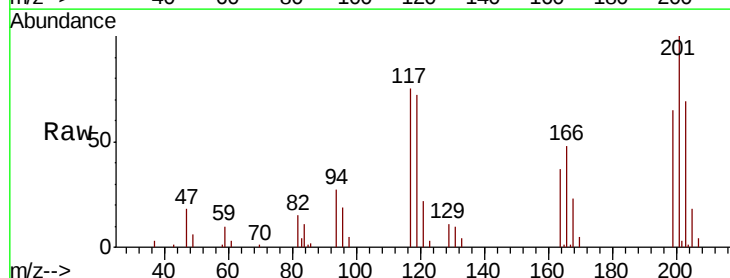
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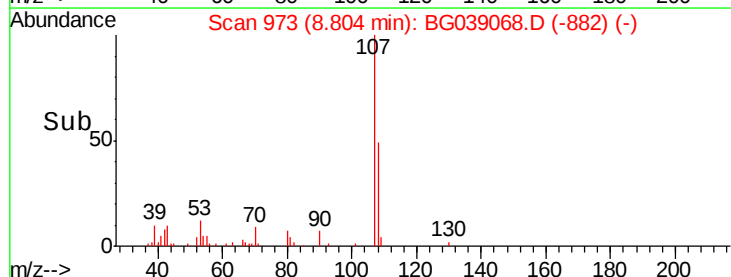
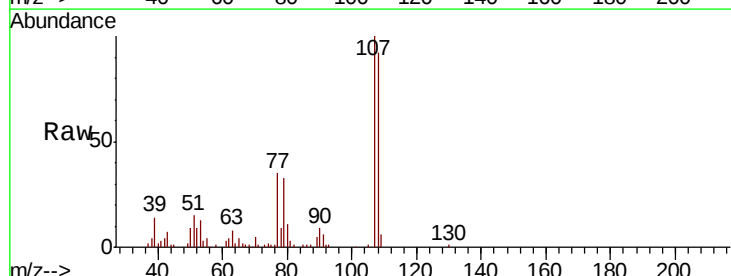
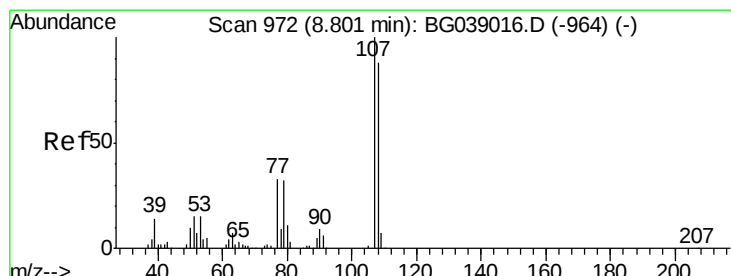
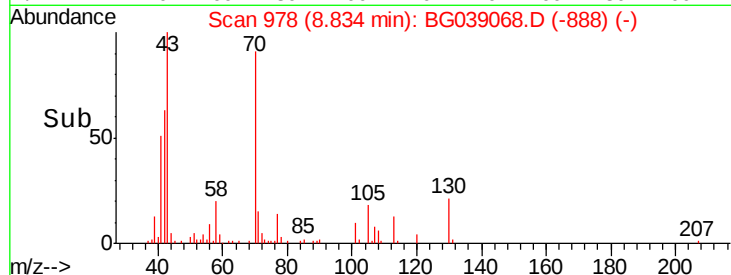
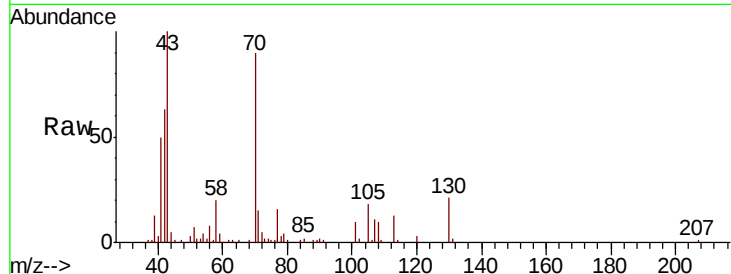
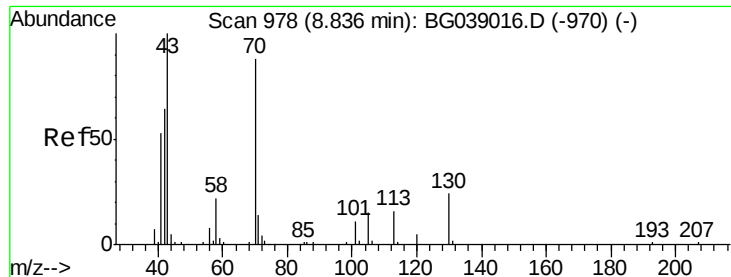
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#18
Hexachloroethane
Concen: 41.794 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

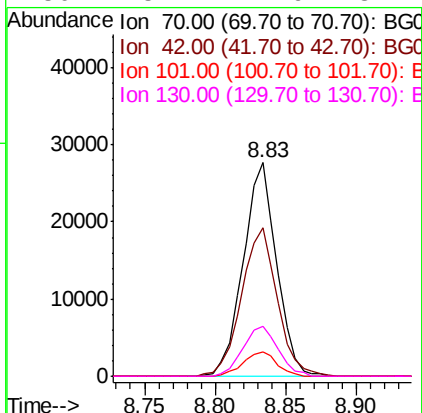
Tgt Ion:	117	Resp:	20255
Ion Ratio	Lower	Upper	
117	100		
119	95.8	78.7	118.1
201	132.5	108.1	162.1





#19
n-Nitroso-di-n-propylamine
Concen: 48.724 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	69.6	59.0	88.4		
101	11.5	10.4	15.6		
130	23.2	21.6	32.4		



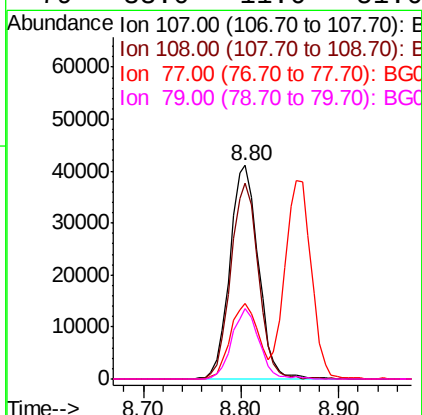
Instrument :
BNA_G
ClientSampleId :
PB116306BS

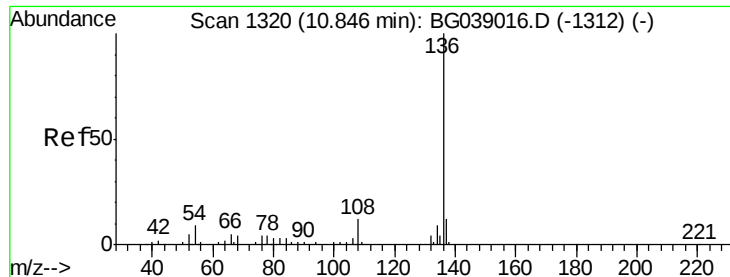
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#20
3+4-Methylphenols
Concen: 58.352 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.8	68.4	108.4		
77	35.4	13.3	53.3		
79	33.0	11.6	51.6		





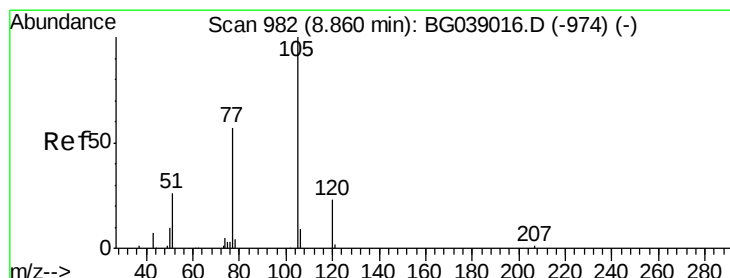
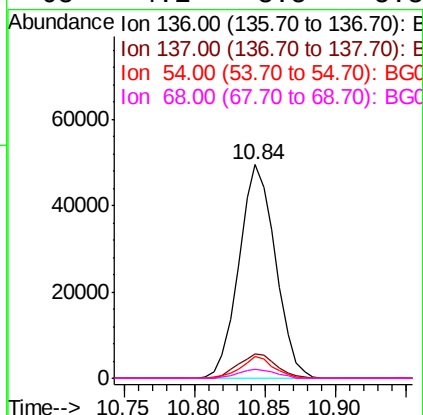
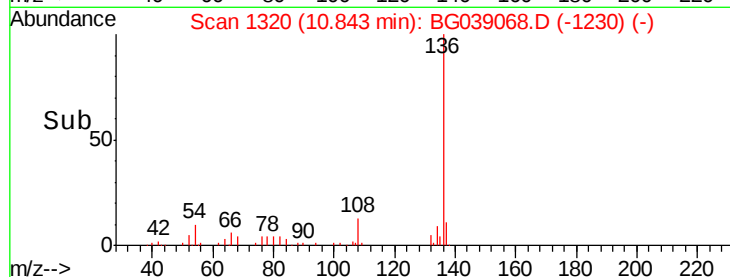
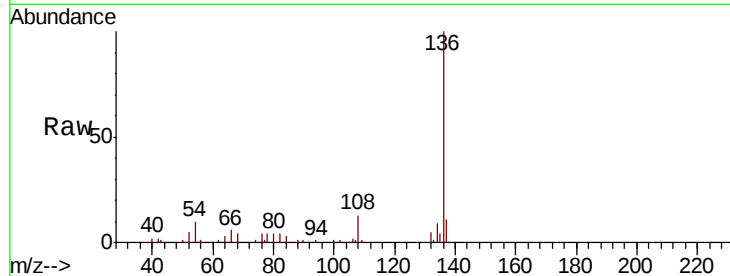
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	9.4	14.2
54	10.0	7.2	10.8
68	4.1	3.5	5.3

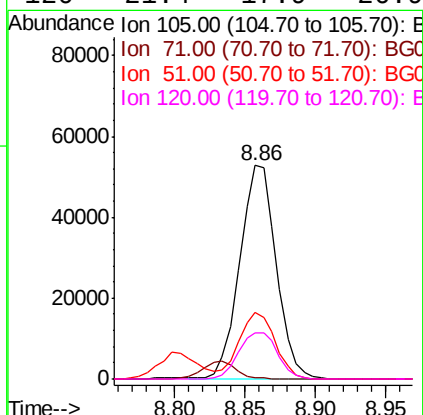
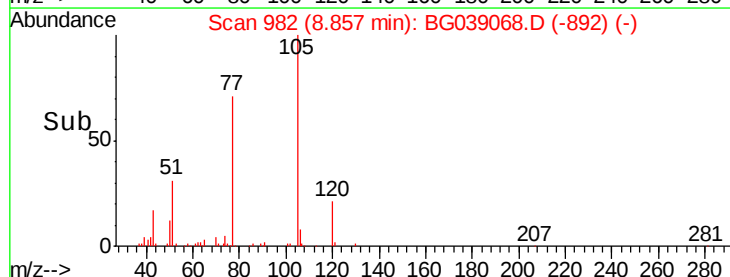
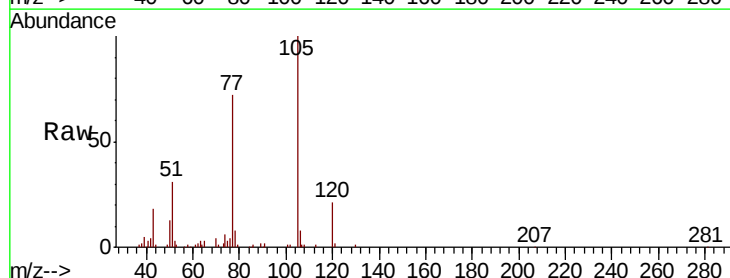
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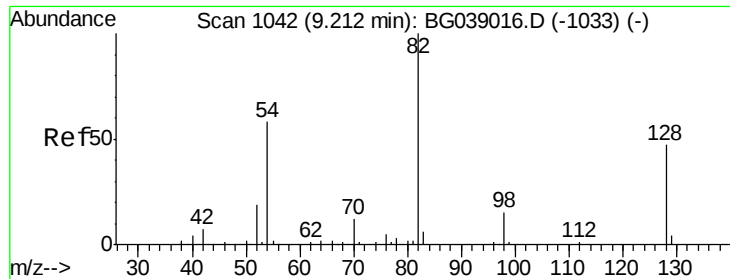
Sohil
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#22
Acetophenone
Concen: 41.013 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	31.3	26.6	39.8
120	21.4	17.9	26.9





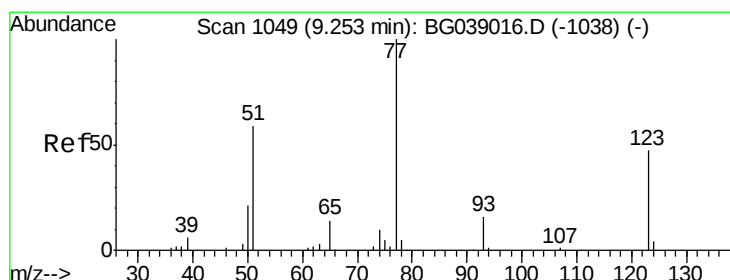
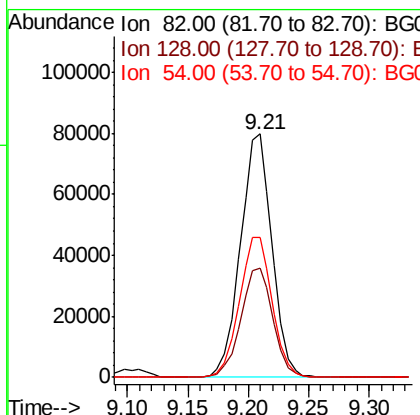
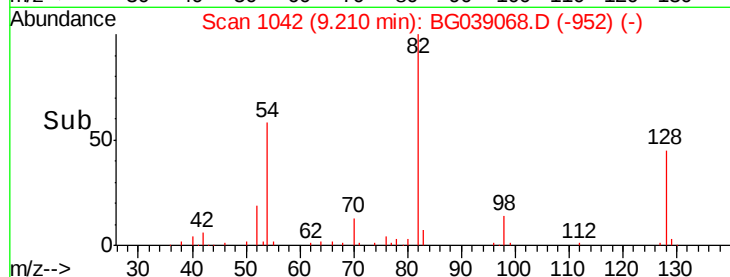
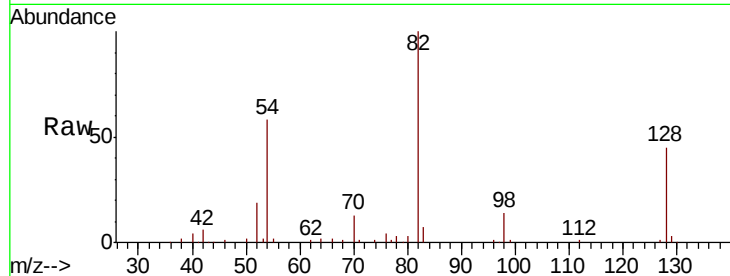
#23
 Nitrobenzene-d5
 Concen: 89.067 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampled :
 PB116306BS

Tot Ion	82	Resp	145199
Ion Ratio	100	Lower	Upper
82	100		
128	44.9	37.3	55.9
54	57.7	46.4	69.6

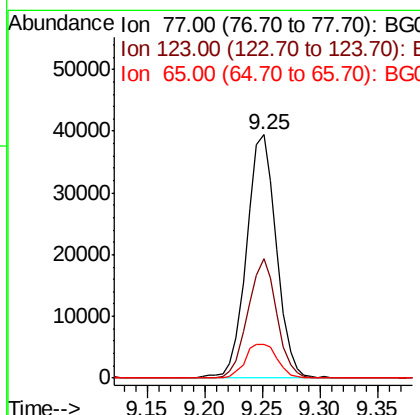
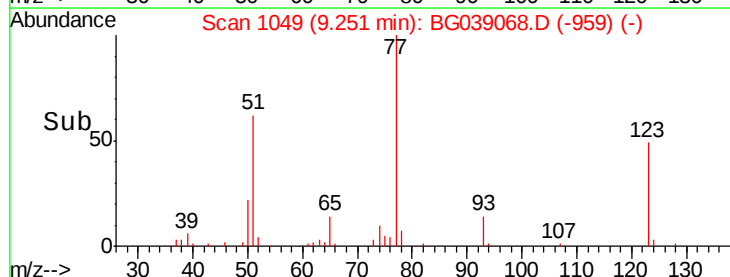
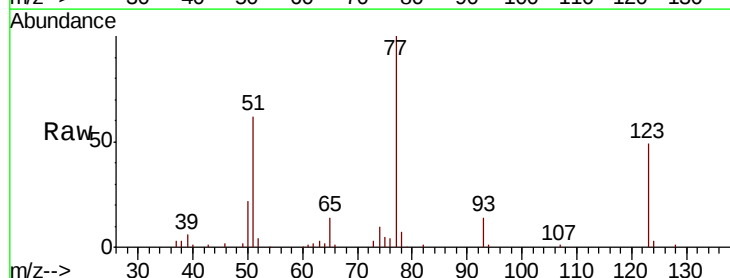
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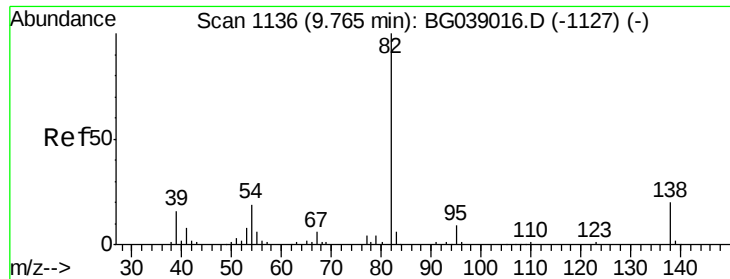
Sohil
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#24
 Nitrobenzene
 Concen: 42.991 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	77	Resp	70839
Ion Ratio	100	Lower	Upper
77	100		
123	48.8	37.6	56.4
65	14.0	11.0	16.6





#25

Isophorone

Concen: 50.717 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

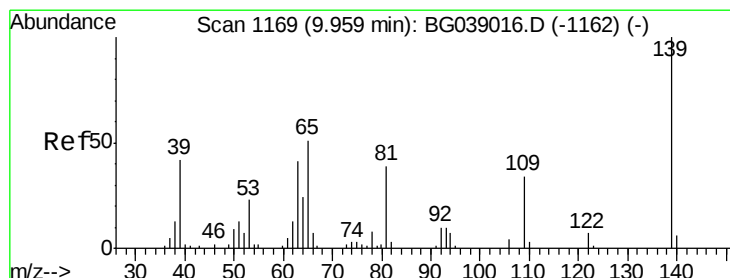
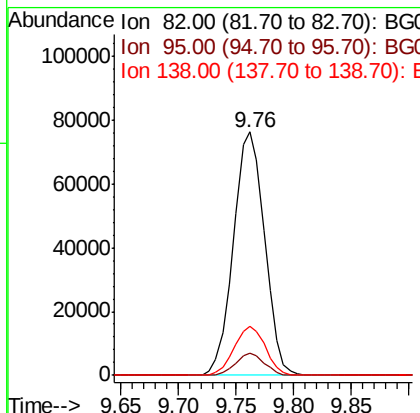
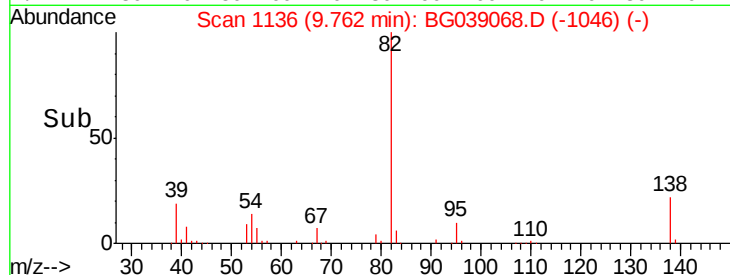
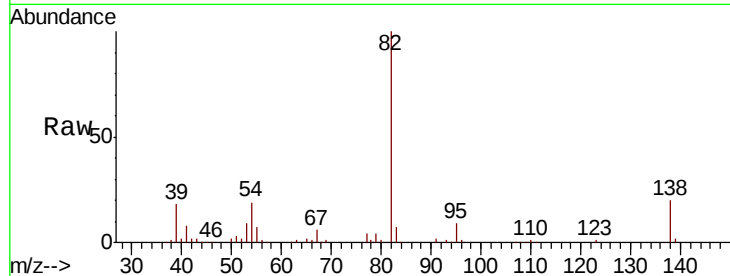
ClientSampled :

PB116306BS

Tot Ion:	82	Resp:	142421
Ion Ratio	Lower	Upper	
82	100		
95	9.0	7.0	10.6
138	19.9	16.2	24.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.727 ng

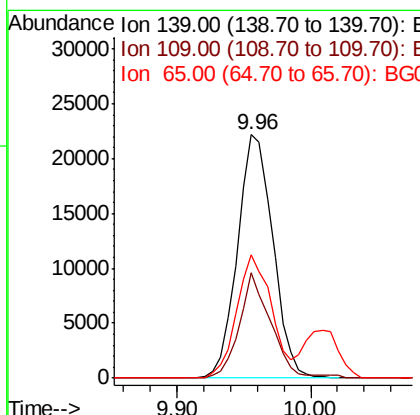
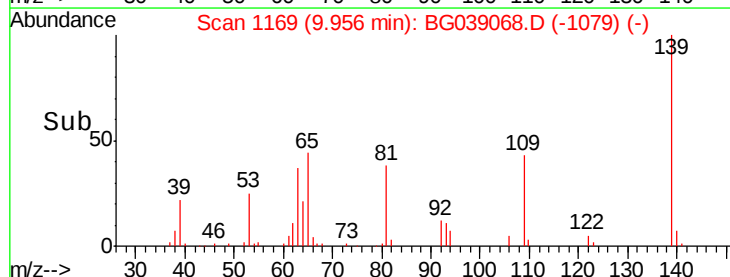
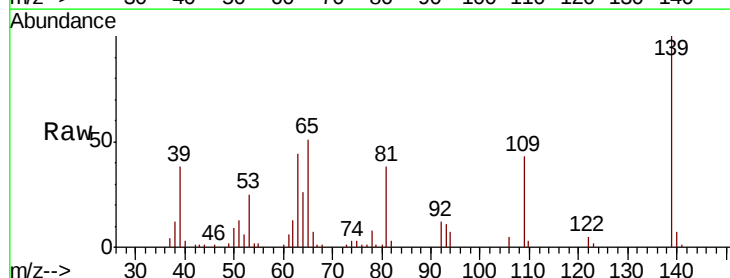
RT: 9.96 min Scan# 1169

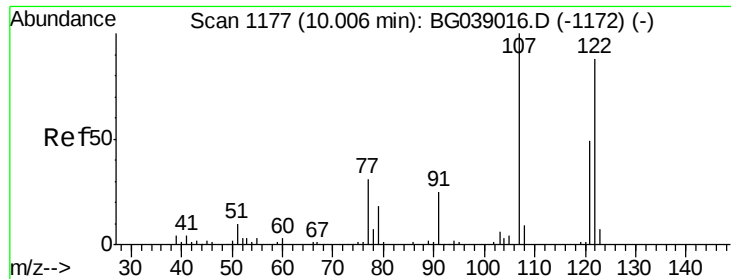
Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:	139	Resp:	40755
Ion Ratio	Lower	Upper	
139	100		
109	43.1	27.3	40.9#
65	50.6	40.6	61.0





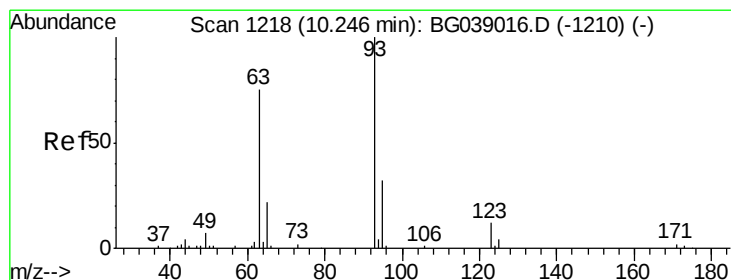
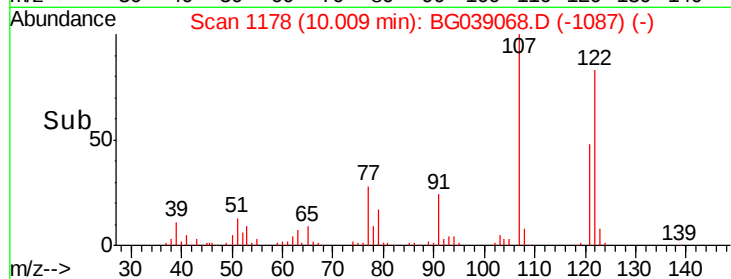
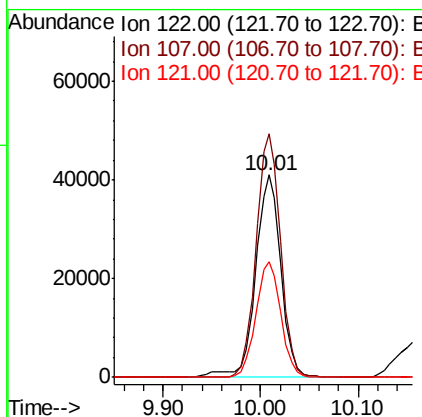
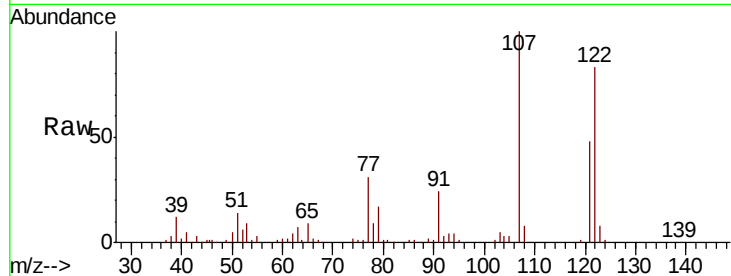
#27
2,4-Dimethylphenol
Concen: 59.526 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.2	88.8	133.2
121	57.2	43.1	64.7

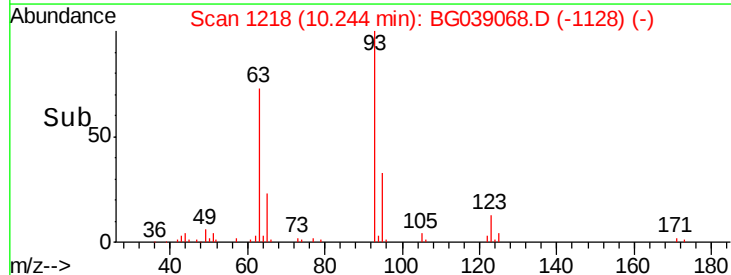
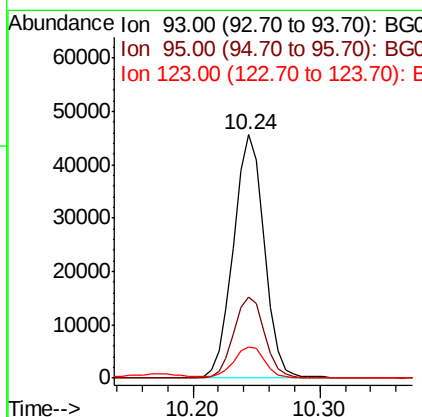
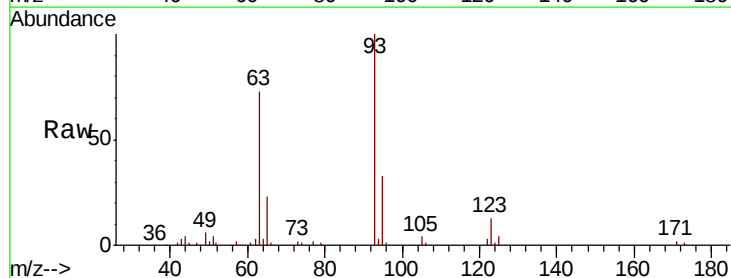
Manual Integrations
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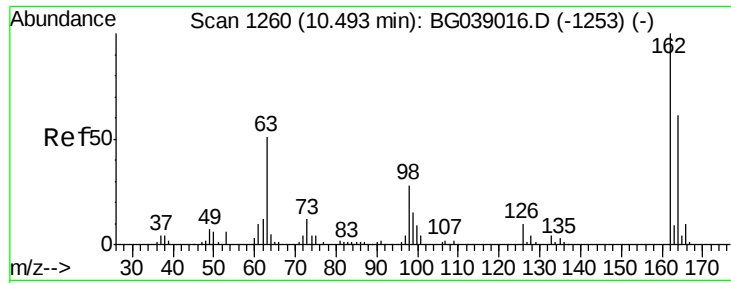
Sohil
1/11/2019 4:44:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.329 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.6	38.4
123	12.8	10.1	15.1





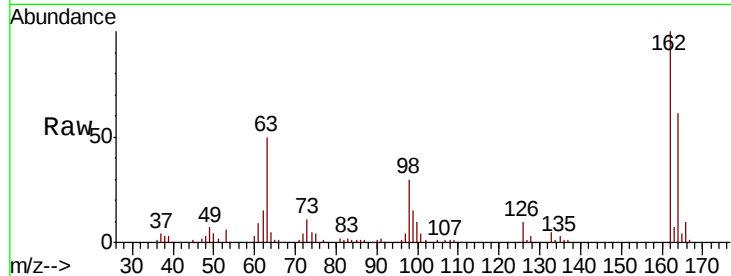
#29
 2,4-Dichlorophenol
 Concen: 55.820 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB116306BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.2	41.3	81.3
98	29.8	8.3	48.3

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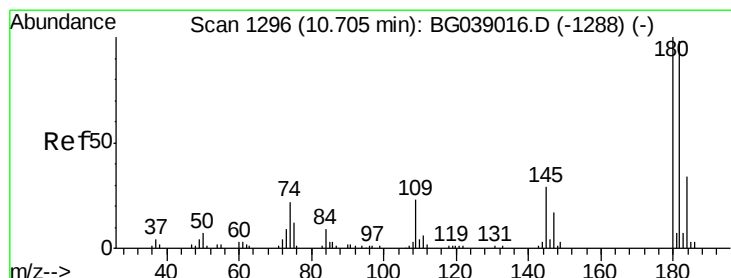
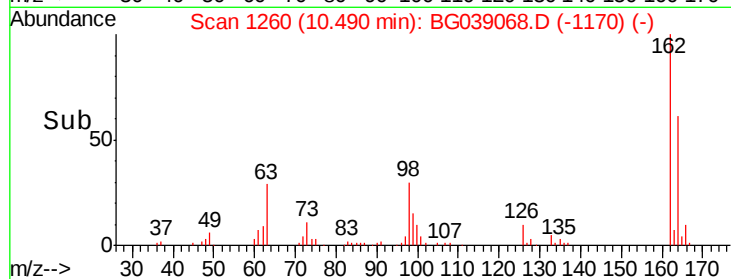
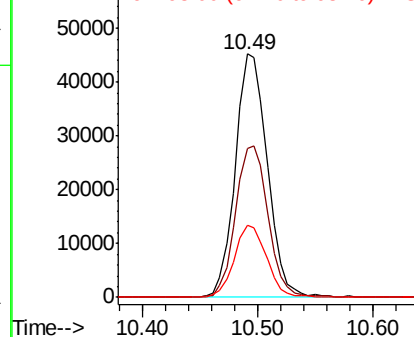


Abundance

Ion 162.00 (161.70 to 162.70): E

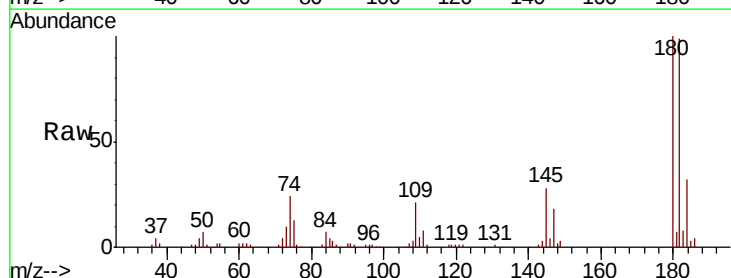
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 42.096 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	78.1	117.1
145	27.8	23.1	34.7

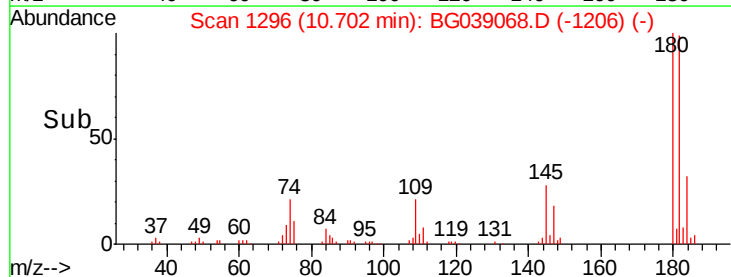
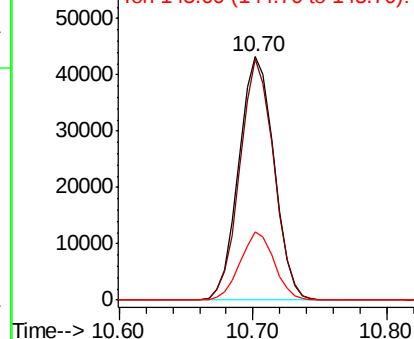


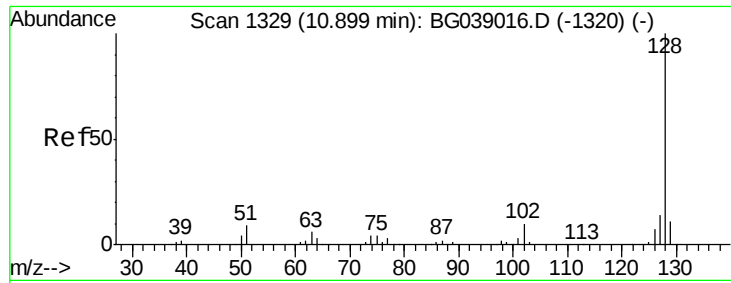
Abundance

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





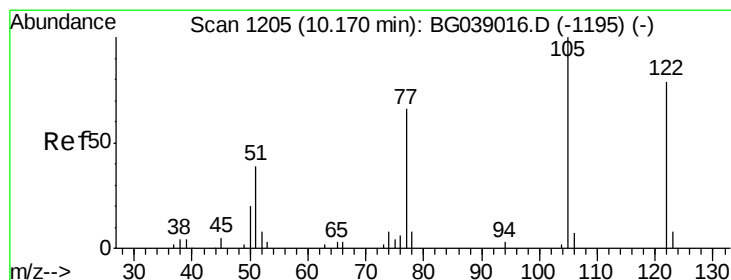
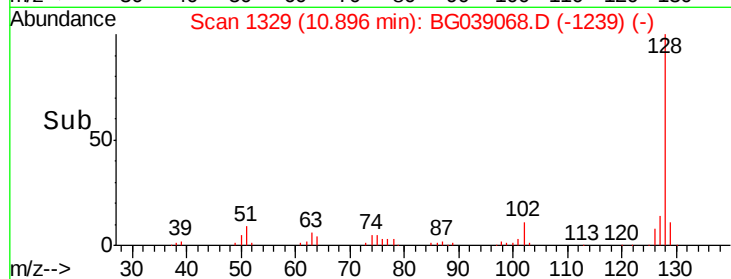
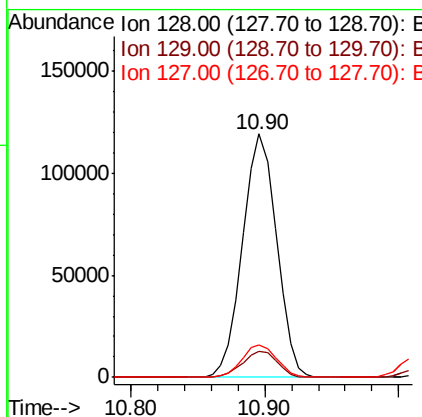
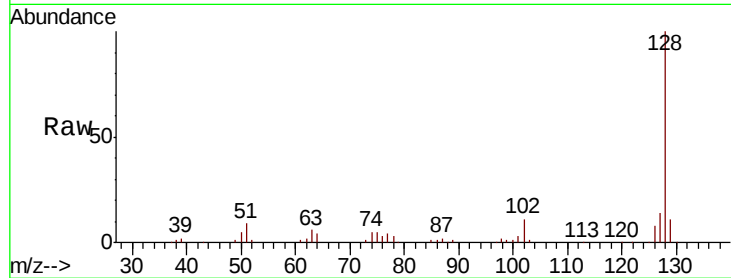
#31
Naphthalene
Concen: 47.024 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	13.5	11.2	16.8

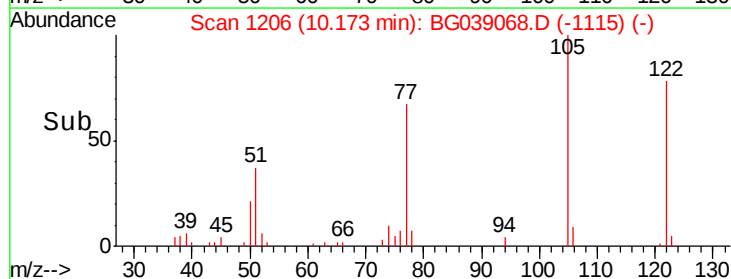
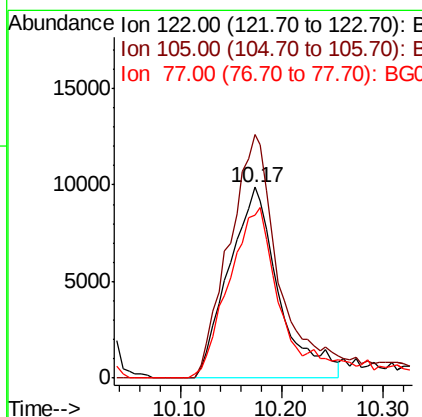
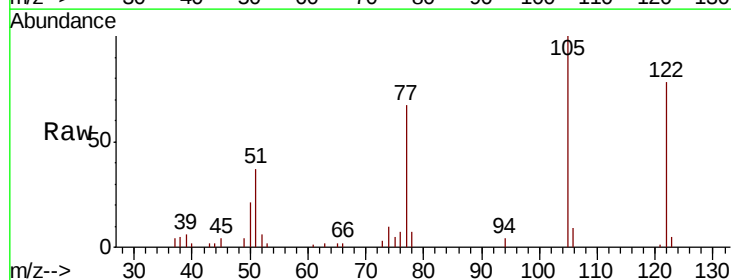
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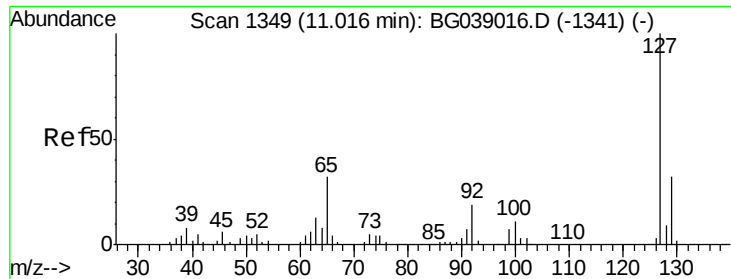
Sohil
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#32
Benzoic acid
Concen: 44.746 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.5	106.4	146.4
77	85.3	63.6	103.6





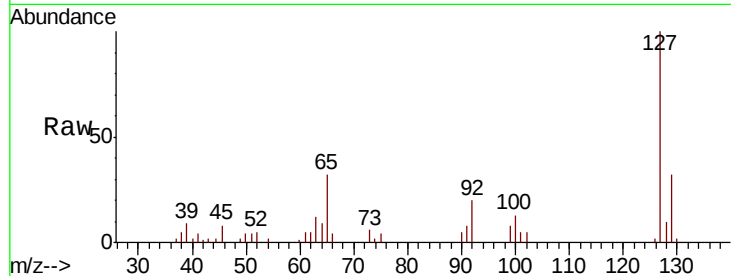
#33
4-Chloroaniline
Concen: 13.251 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampled :
PB116306BS

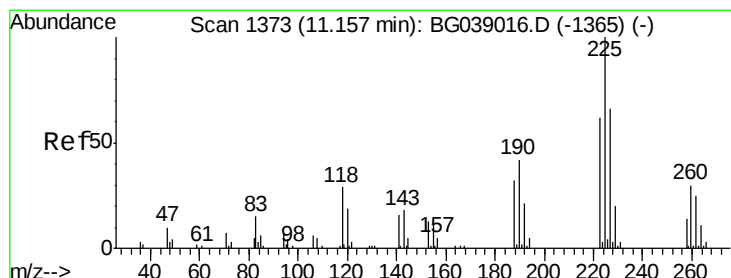
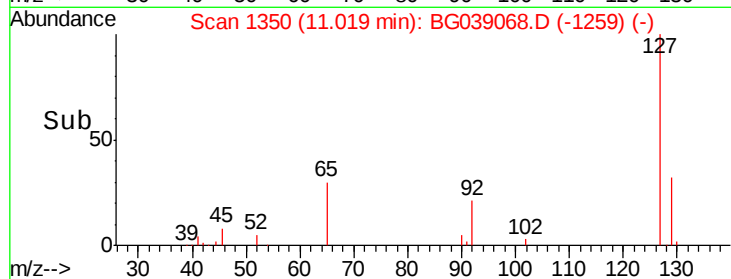
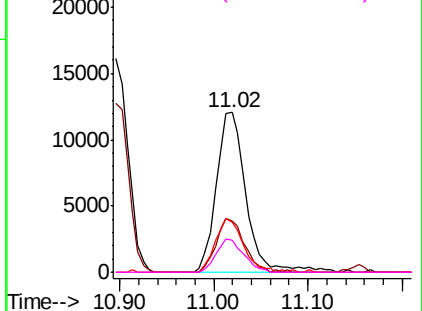
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.0
65	31.5	25.4	38.0
92	20.1	15.2	22.8

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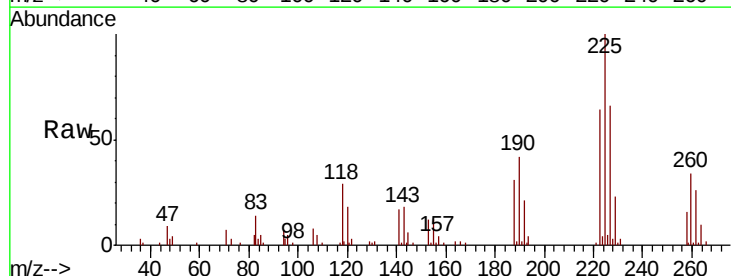


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

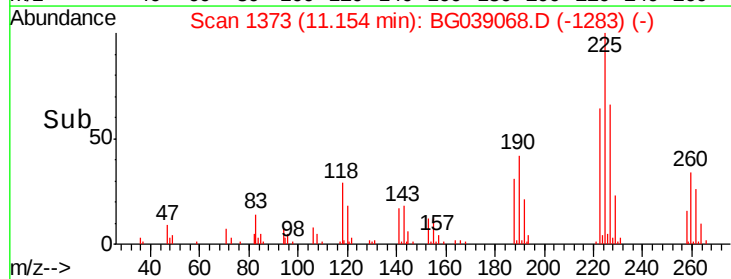
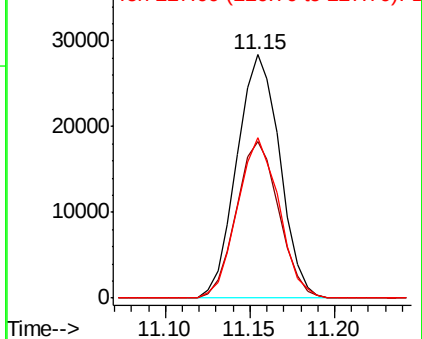


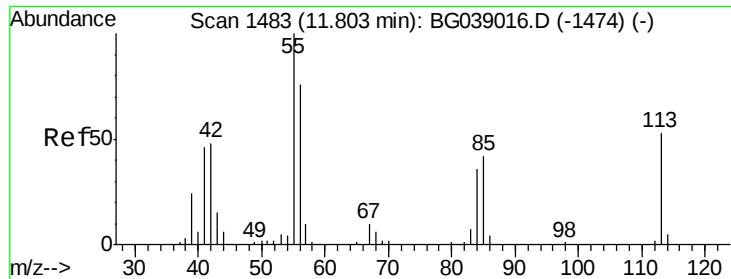
#34
Hexachlorobutadiene
Concen: 38.930 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.2	75.4
227	65.2	53.2	79.8



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





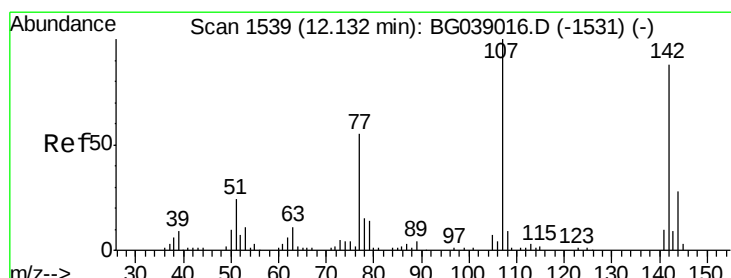
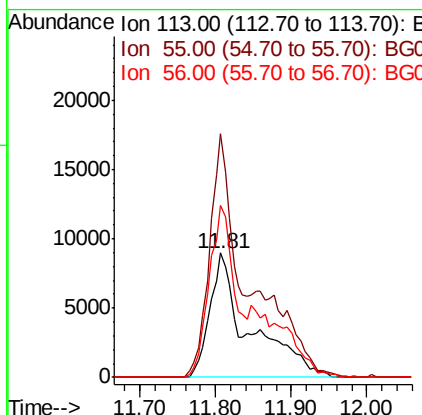
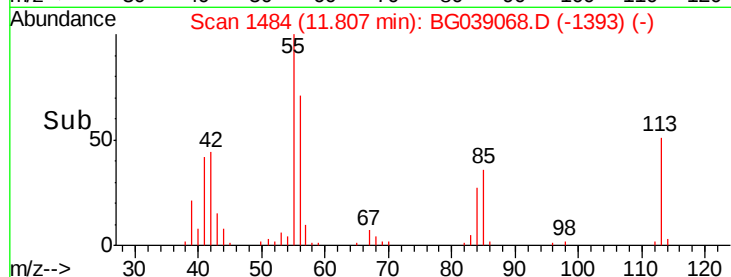
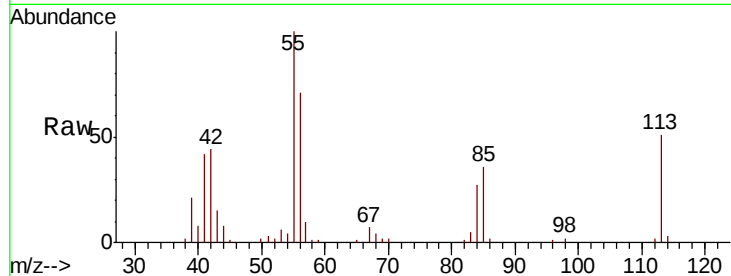
#35
 Caprolactam
 Concen: 51.703 ng/ml
 RT: 11.81 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampleID :
 PB116306BS

Tot Ion: 113 Resp: 32297
 Ion Ratio Lower Upper
 113 100
 55 196.2 168.6 208.6
 56 138.6 123.2 163.2

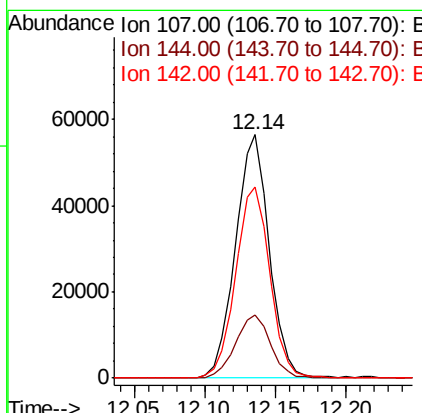
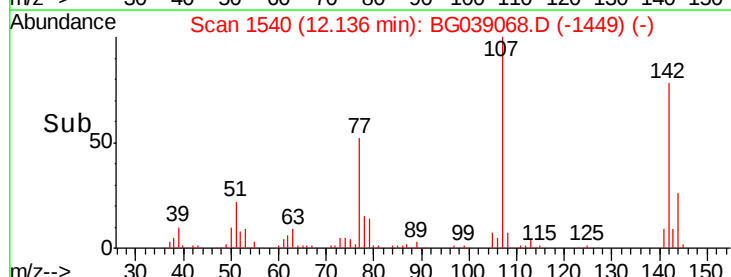
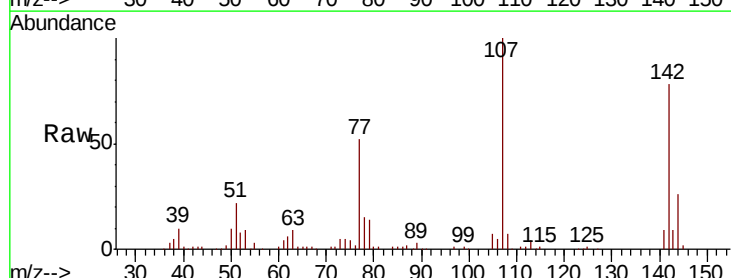
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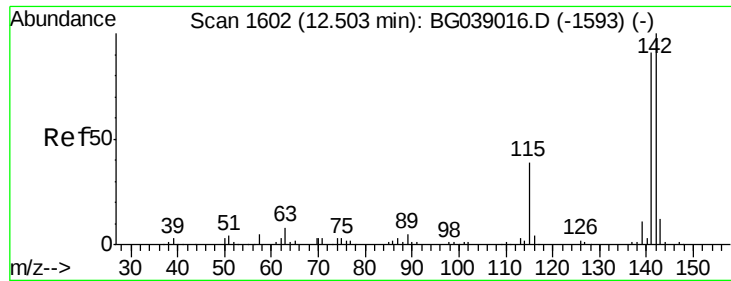
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 56.592 ng/ml
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion: 107 Resp: 94289
 Ion Ratio Lower Upper
 107 100
 144 25.9 22.6 34.0
 142 78.5 70.2 105.4





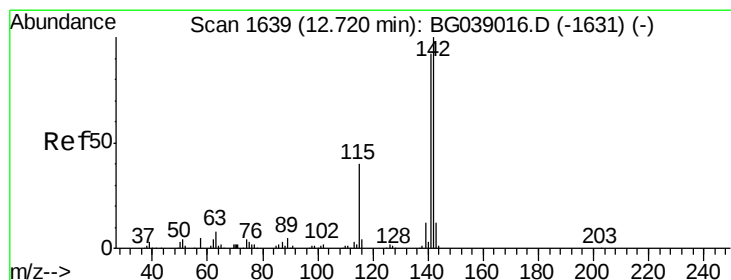
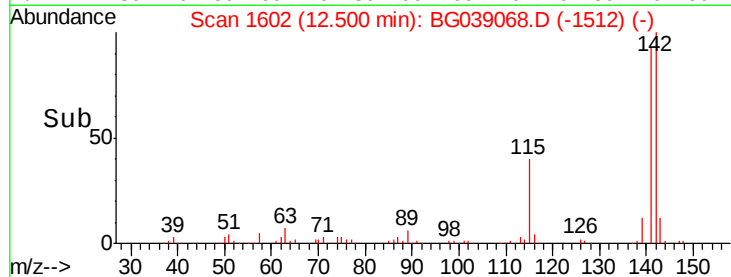
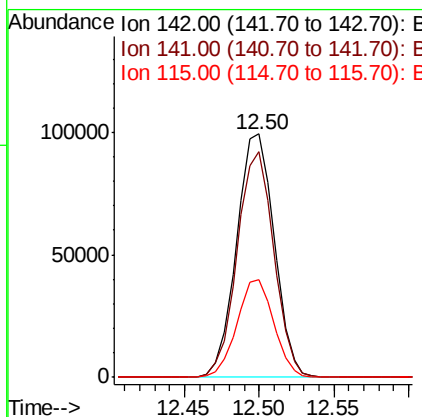
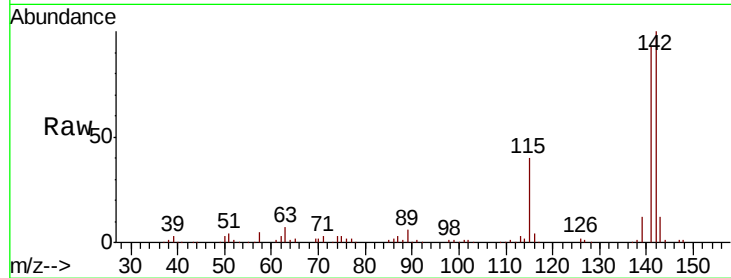
#37
 2-Methylnaphthalene
 Concen: 51.800 ng
 RT: 12.50 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampleID :
 PB116306BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.6	109.0
115	40.2	31.1	46.7

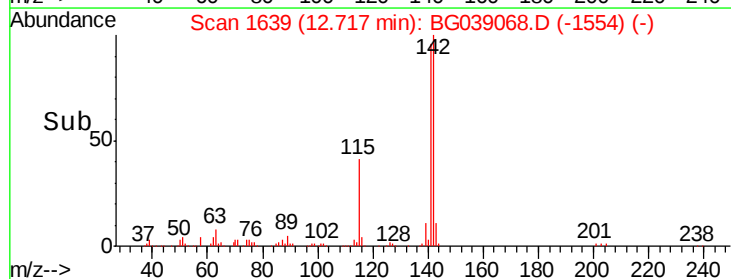
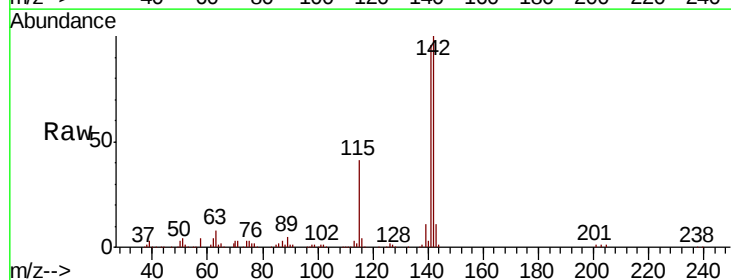
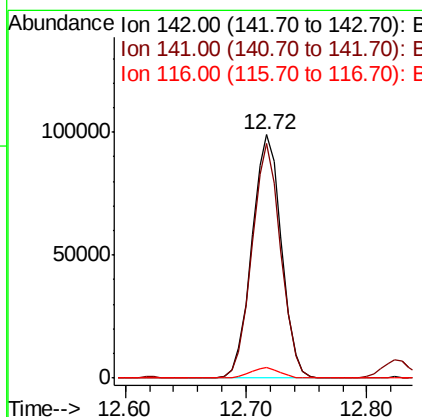
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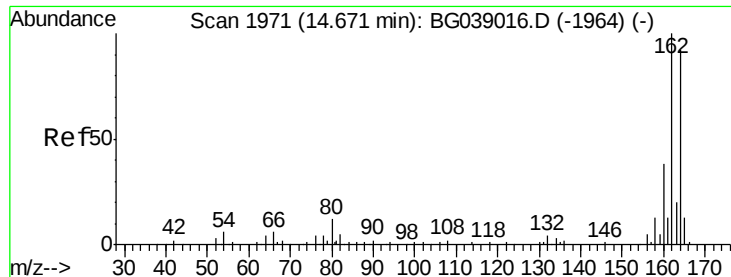
Sohil
 1/11/2019 4:44:33 PM



#38
 1-Methylnaphthalene
 Concen: 52.067 ng
 RT: 12.72 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.3	73.3	109.9
116	4.3	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampleId :

PB116306BS

Tot Ion:164 Resp: 75472

Ion Ratio Lower Upper

164 100

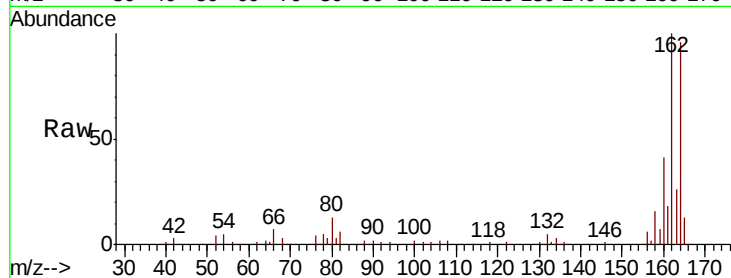
162 103.9 87.2 130.8

160 43.1 33.3 49.9

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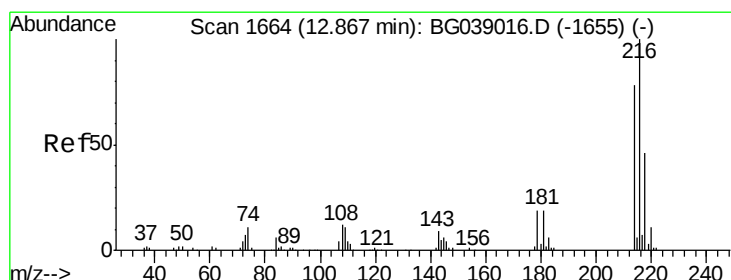
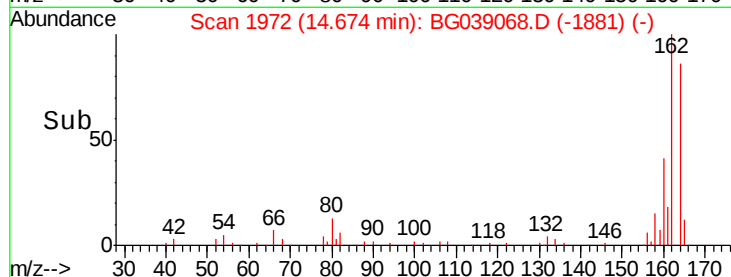
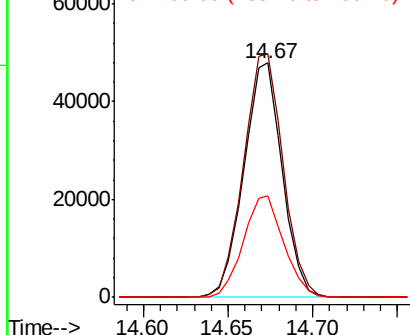


Abundance

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: 40.752 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:216 Resp: 115508

Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 19.6 15.5 23.3

108 15.2 11.4 17.2

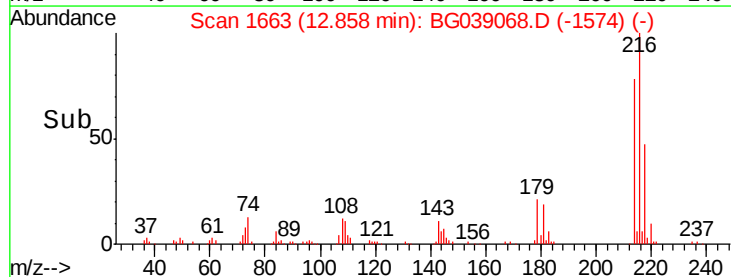
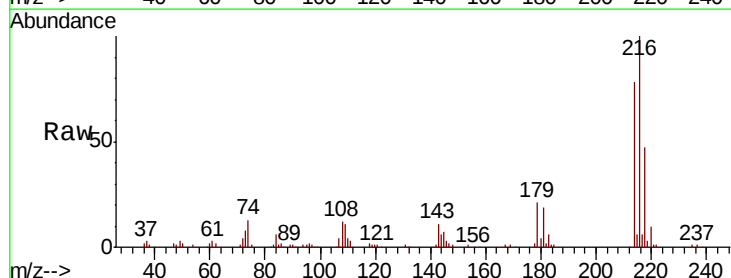
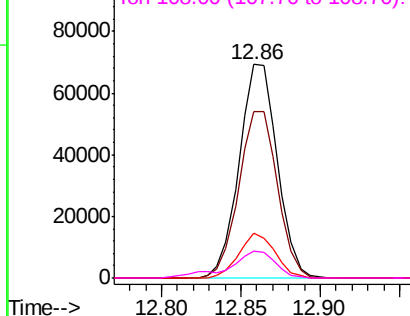
Abundance

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: 75.834 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

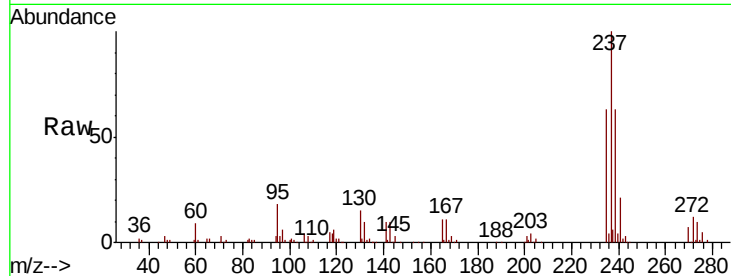
ClientSampleId :

PB116306BS

Tot Ion:	237	Resp:	120545
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.7	81.7
272	12.4	0.0	32.1

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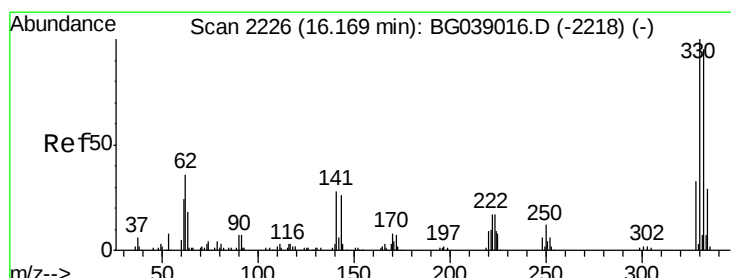
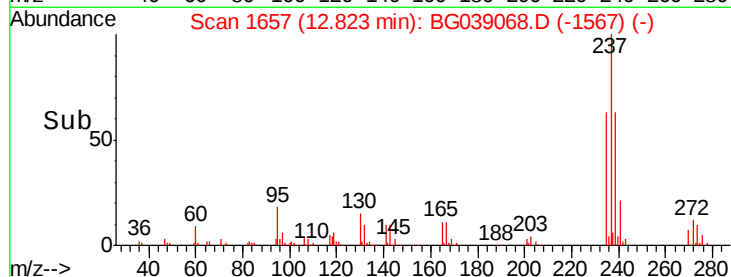
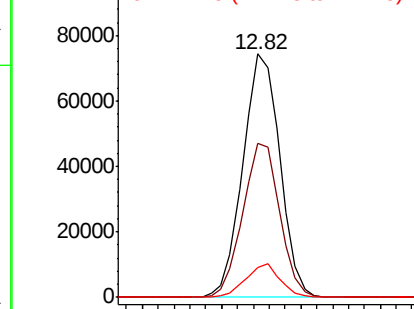


Abundance

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: 156.031 ng

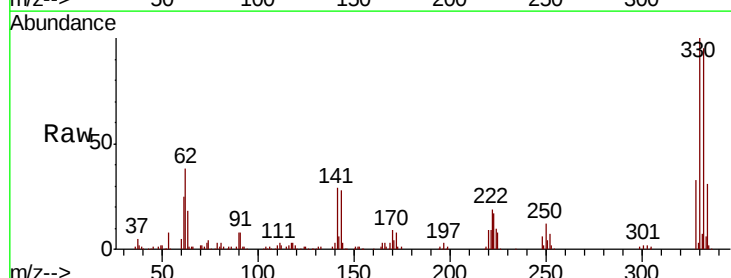
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:	330	Resp:	197398
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.7	113.5
141	29.7	24.9	37.3

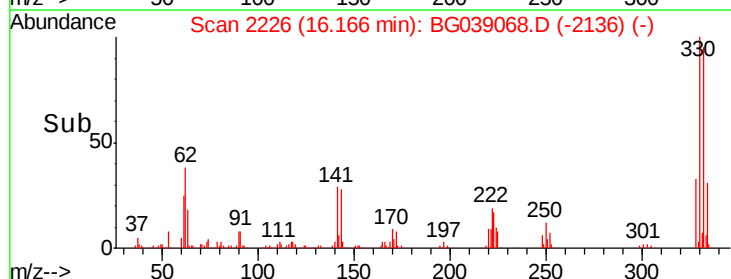
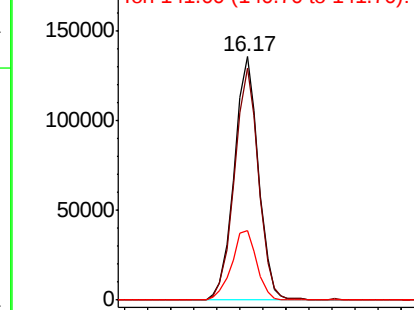


Abundance

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





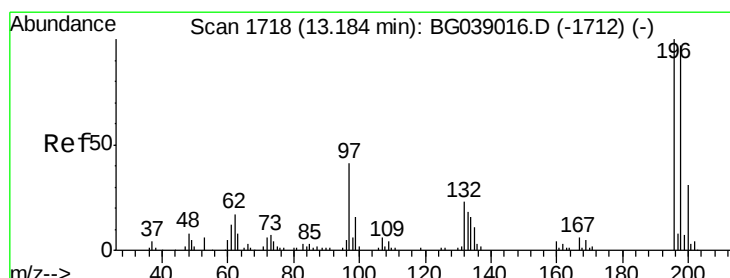
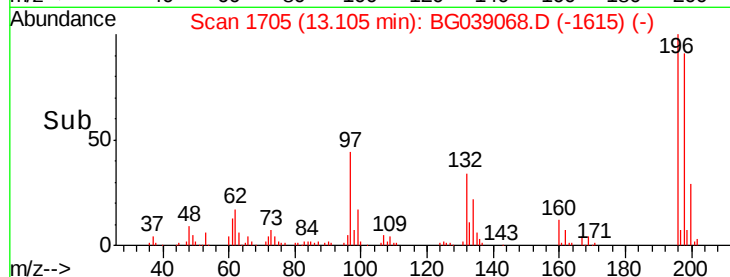
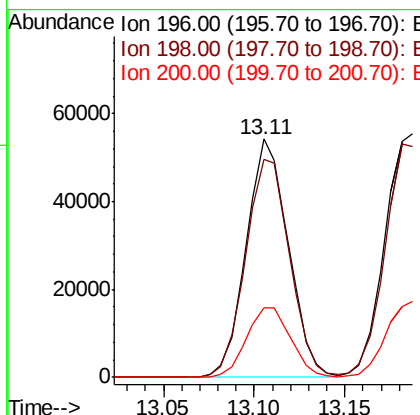
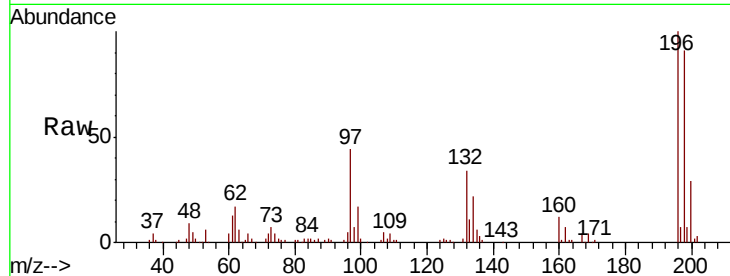
#43
 2,4,6-Trichlorophenol
 Concen: 49.096 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB116306BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	87583		
198	91.4	74.5	111.7	
200	29.2	23.8	35.6	

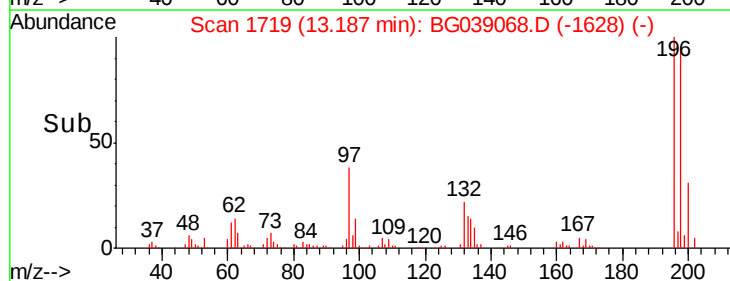
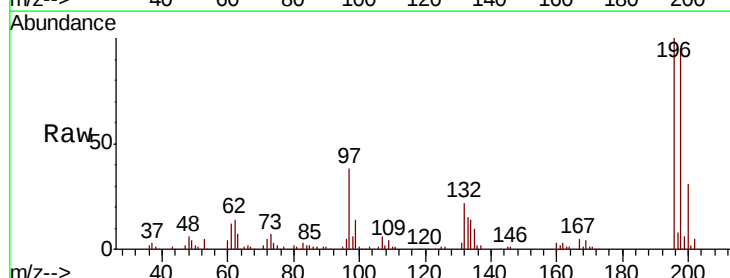
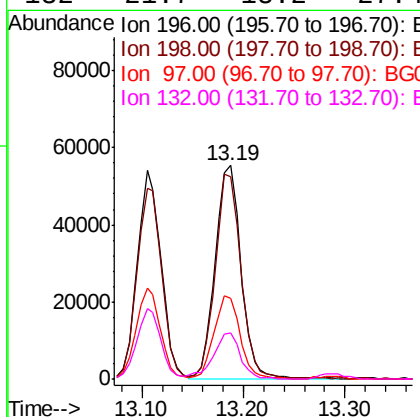
Manual Integrations
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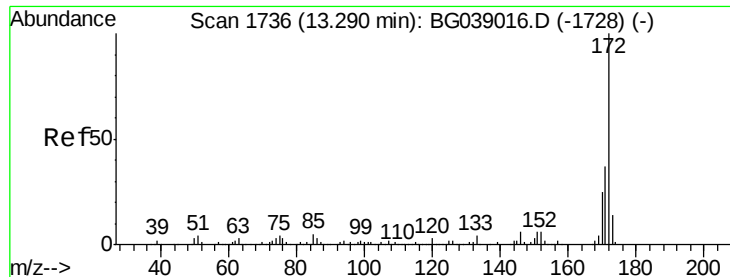
Sohil
 1/11/2019 4:44:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.470 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	98929		
198	94.7	78.1	117.1	
97	37.8	33.2	49.8	
132	21.7	18.2	27.4	





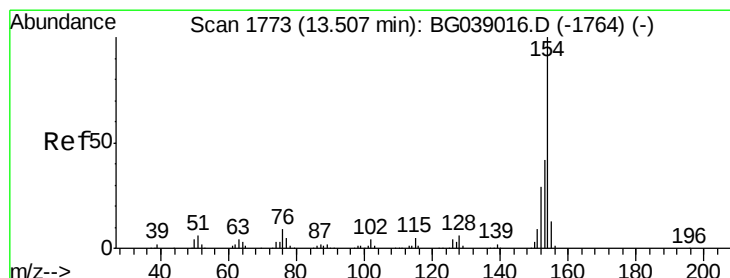
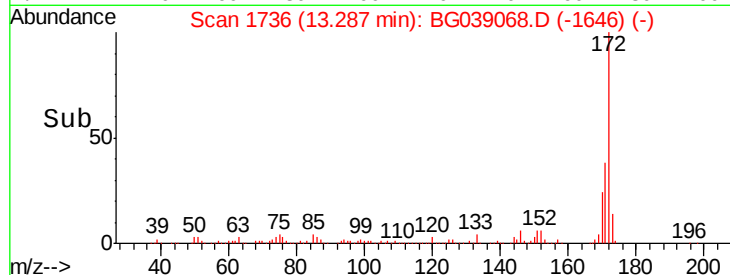
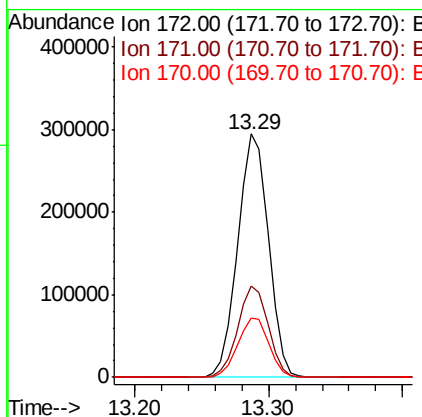
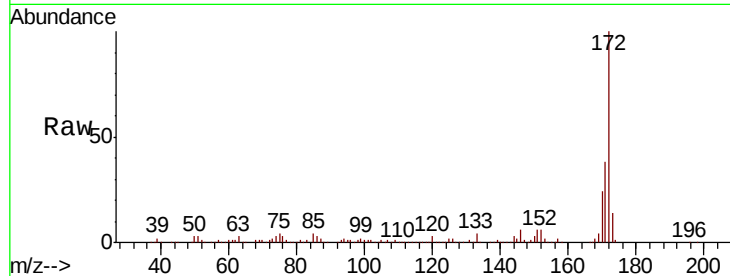
#45
2-Fluorobiphenyl
Concen: 84.892 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.4	44.0
170	24.2	20.1	30.1

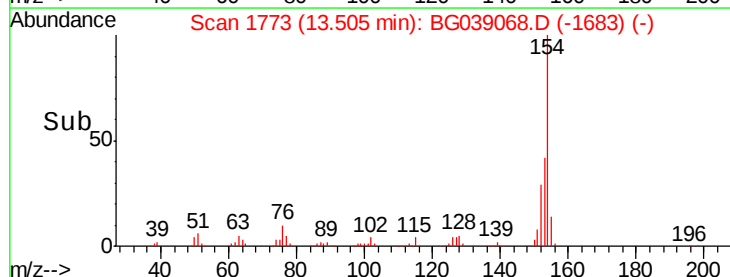
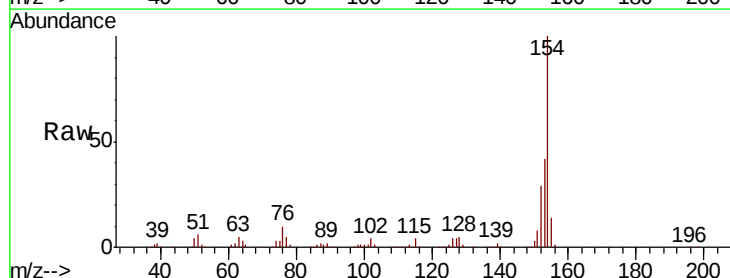
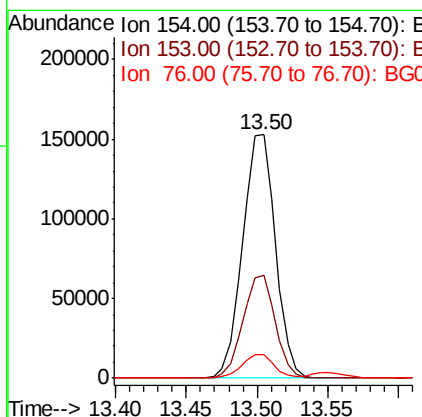
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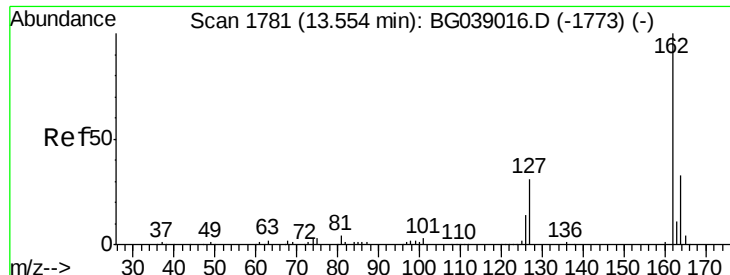
Sohil
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#46
1,1'-Biphenyl
Concen: 41.610 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.4	62.4
76	9.7	0.0	29.4





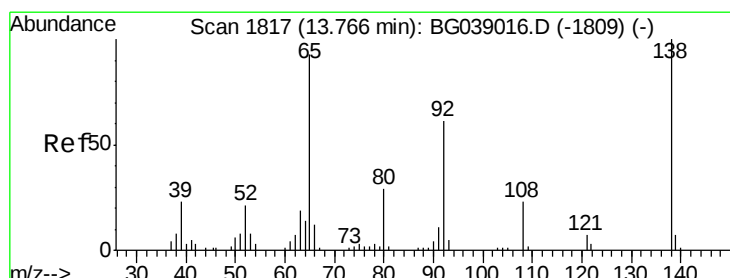
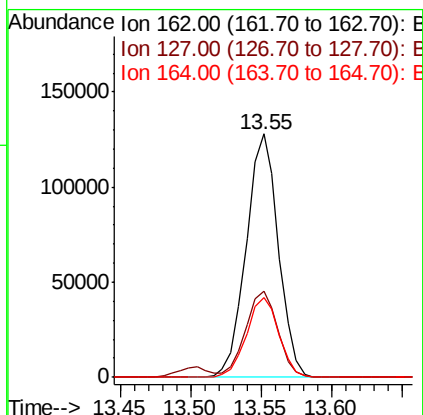
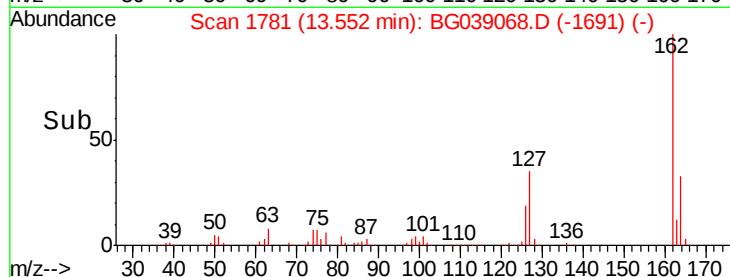
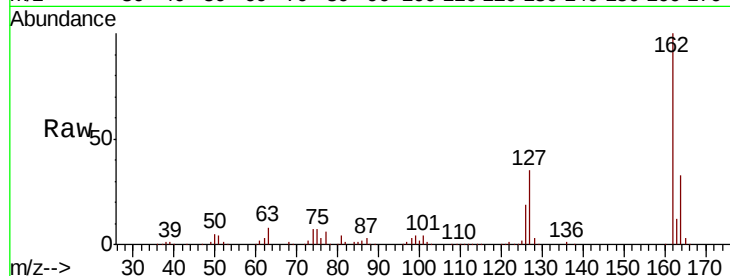
#47
2-Chloronaphthalene
Concen: 42.209 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.4	28.4	42.6
164	32.8	26.3	39.5

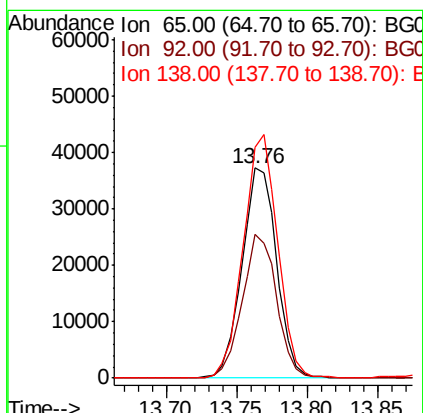
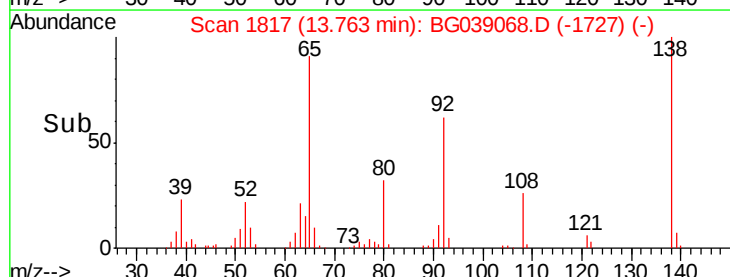
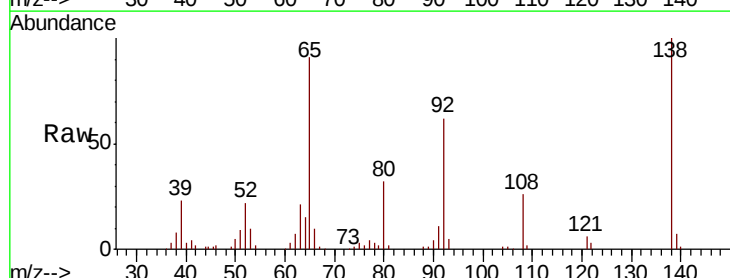
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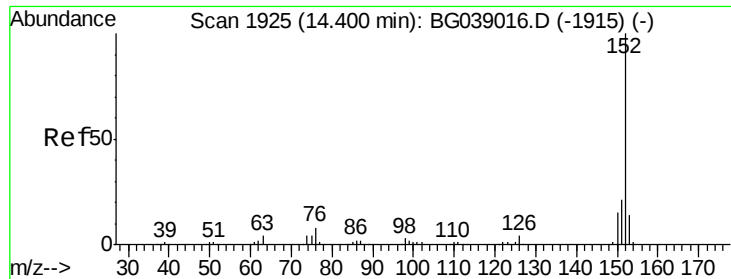
Sohil
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#48
2-Nitroaniline
Concen: 47.336 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	52.2	78.4
138	109.9	86.0	129.0





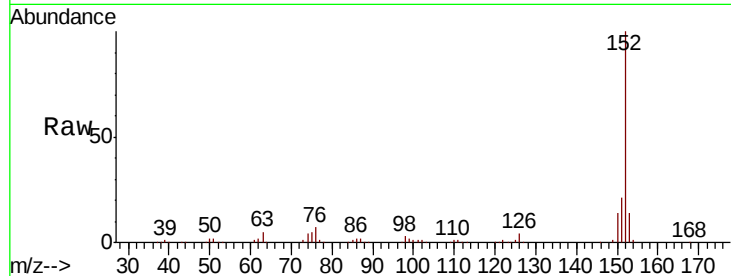
#49
Acenaphthylene
Concen: 48.009 ng
RT: 14.40 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

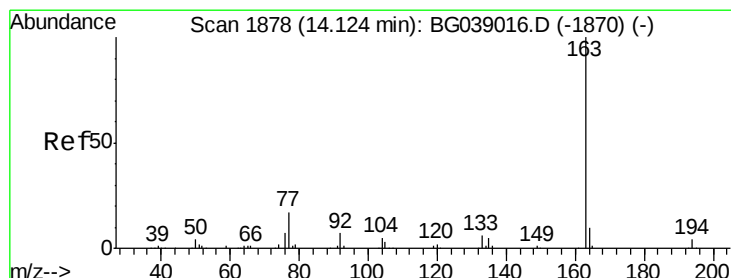
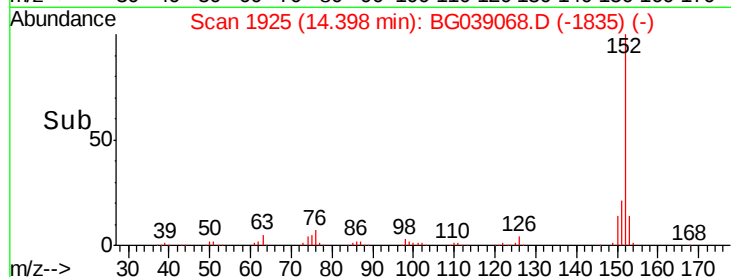
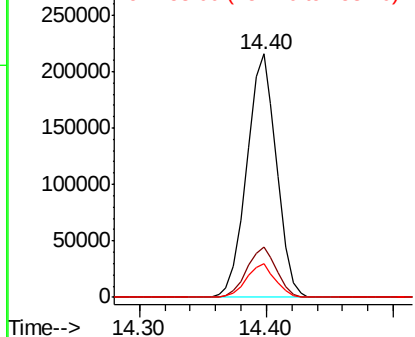
Tot Ion:	152	Resp:	349210
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.0	25.4
153	13.8	11.2	16.8

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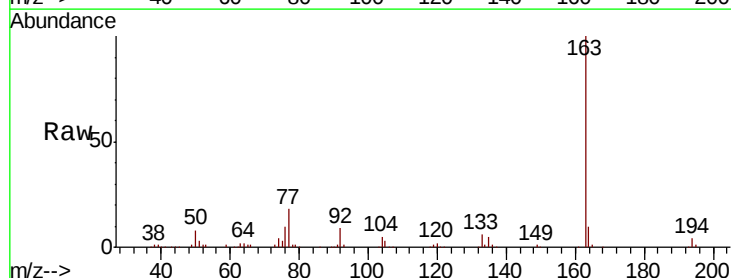


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

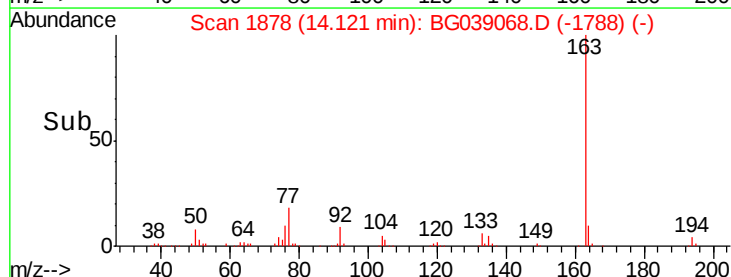
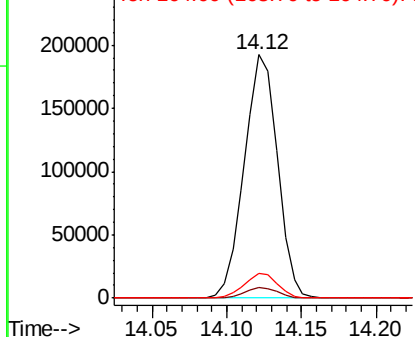


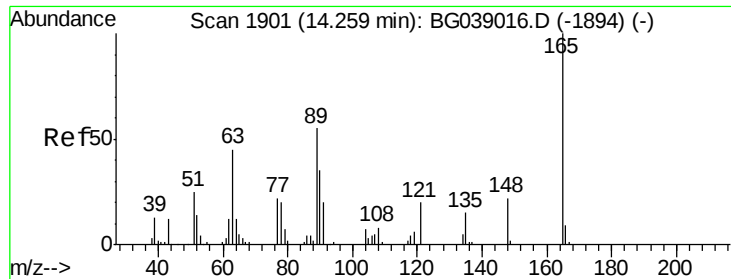
#50
Dimethylphthalate
Concen: 46.382 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion:	163	Resp:	295811
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.4	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.794 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

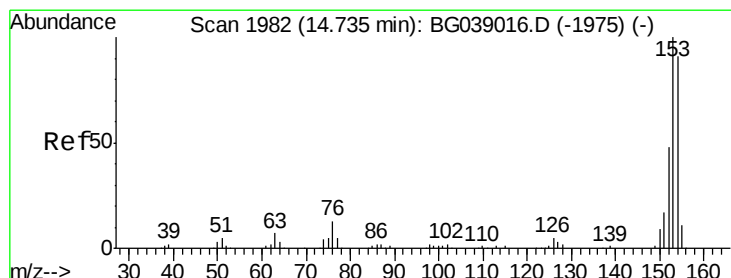
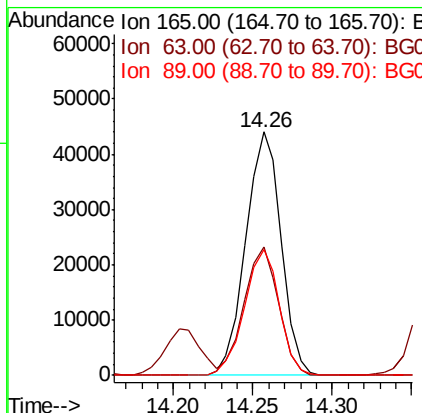
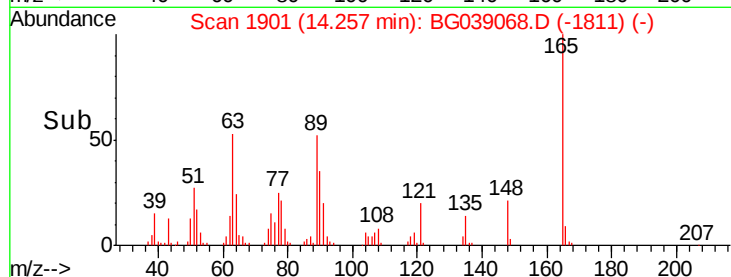
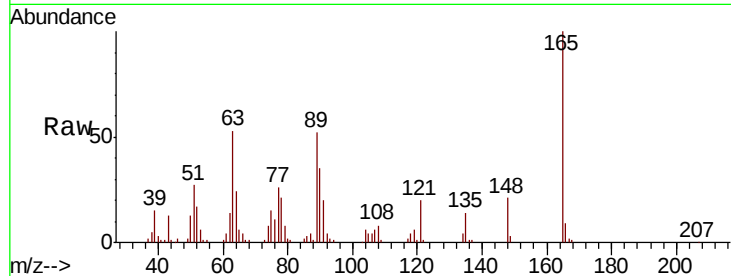
ClientSampled :

PB116306BS

Tot Ion:	165	Resp:	68149
Ion Ratio	Lower	Upper	
165	100		
63	52.9	43.6	65.4
89	51.9	43.7	65.5

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#52

Acenaphthene

Concen: 45.265 ng

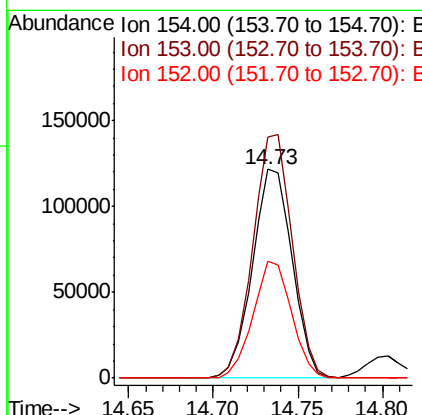
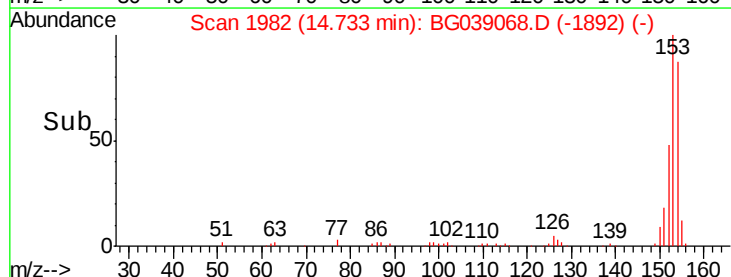
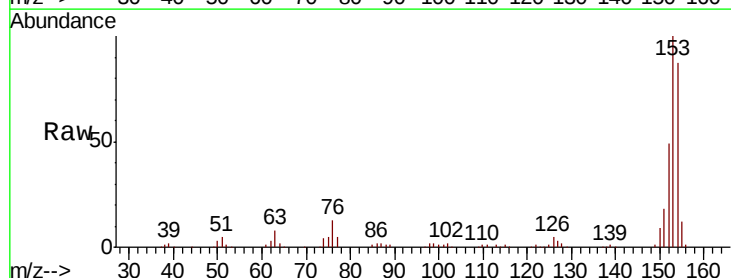
RT: 14.73 min Scan# 1982

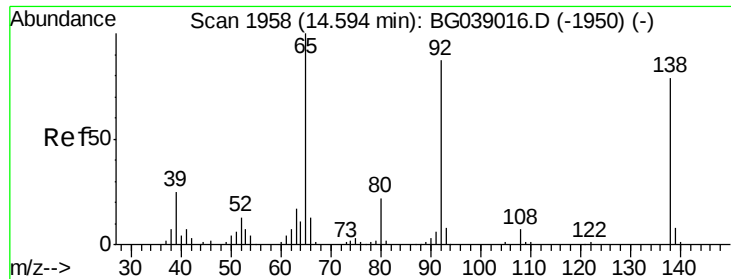
Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:	154	Resp:	197822
Ion Ratio	Lower	Upper	
154	100		
153	115.4	87.9	131.9
152	56.2	42.2	63.2





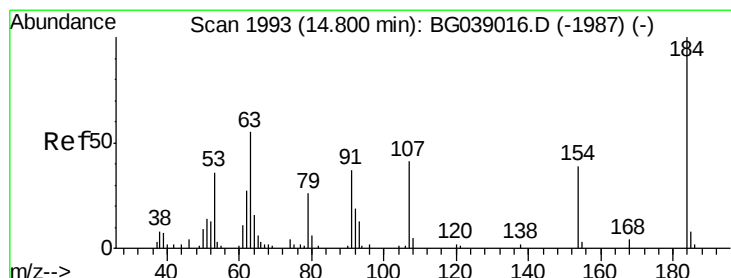
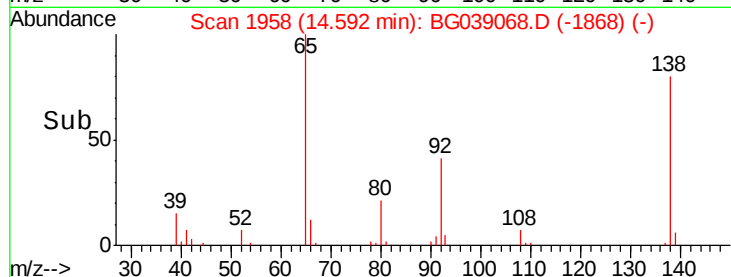
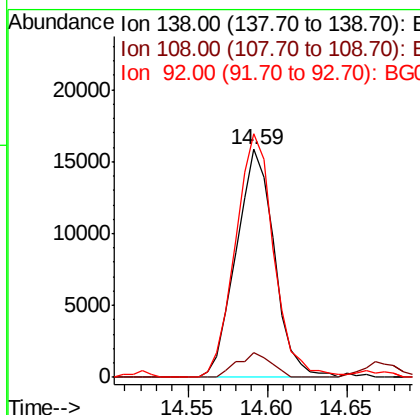
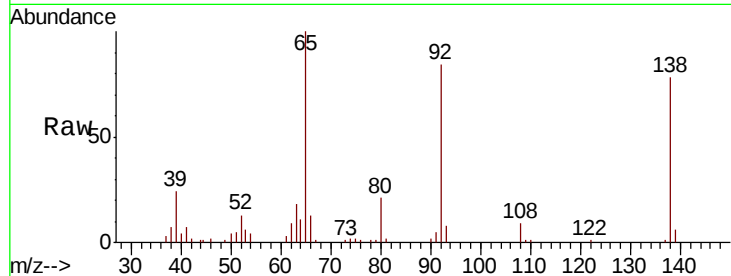
#53
3-Nitroaniline
Concen: 18.333 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.4	11.0
92	106.8	88.2	132.4

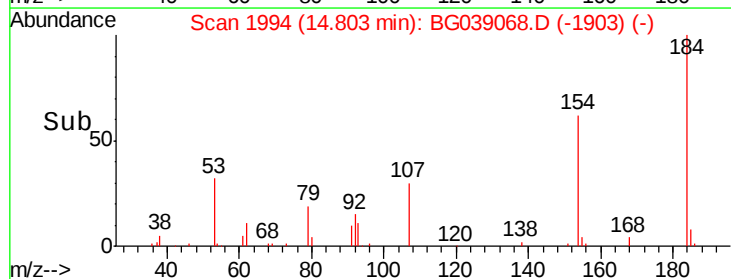
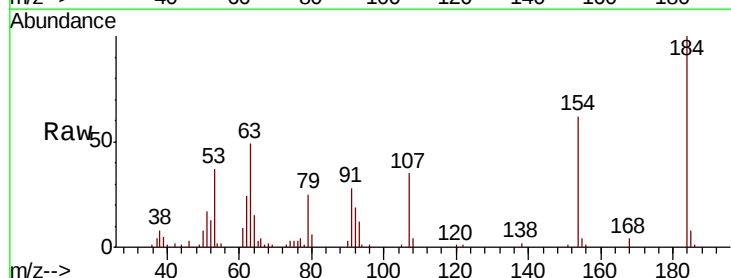
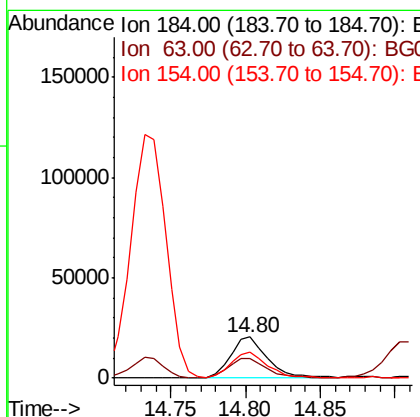
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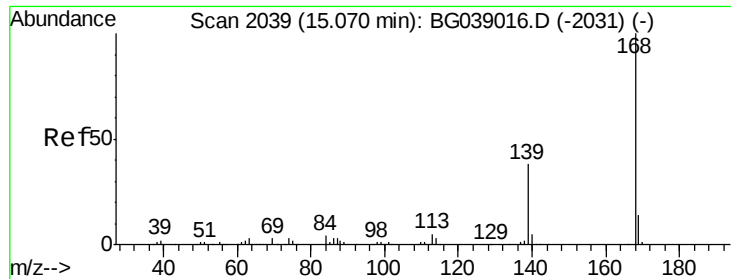
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#54
2,4-Dinitrophenol
Concen: 44.025 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.8	44.0	66.0
154	61.6	46.1	69.1





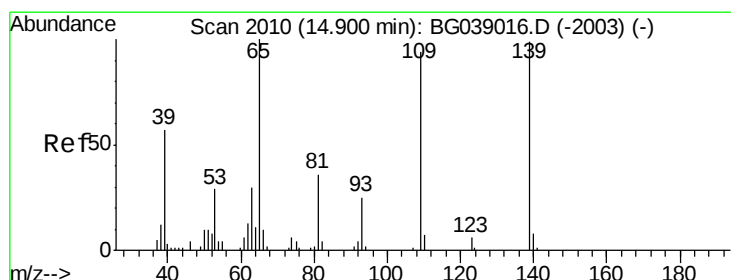
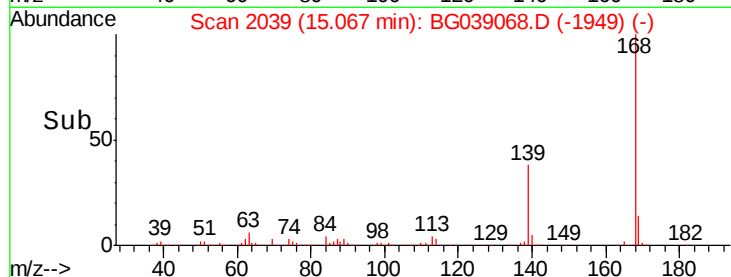
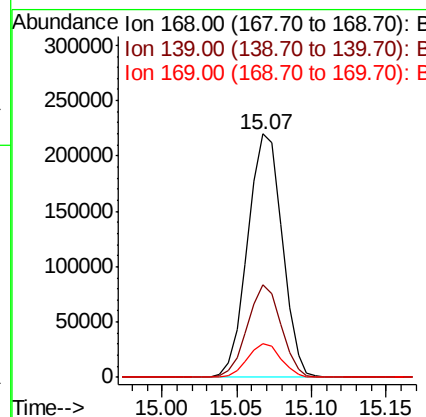
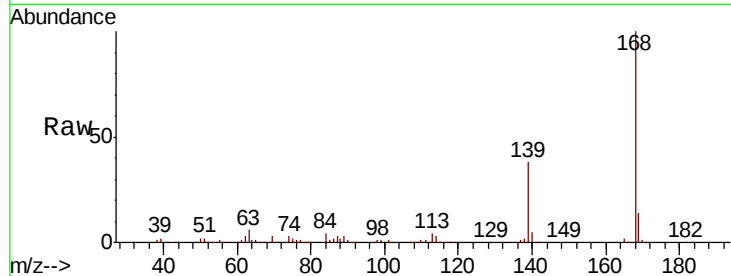
#55
Dibenzenofuran
Concen: 45.490 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	14.0	10.9	16.3

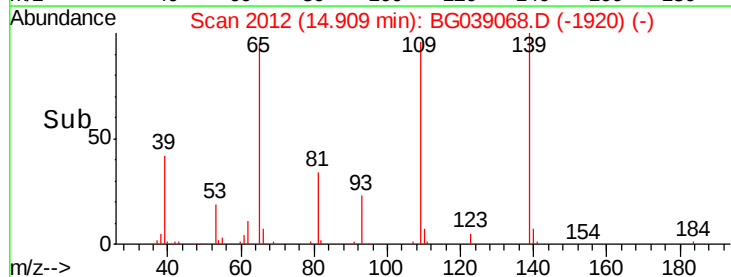
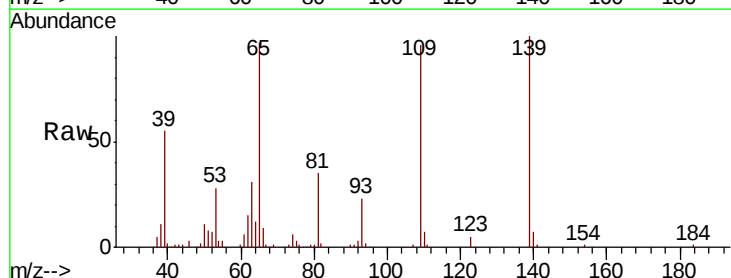
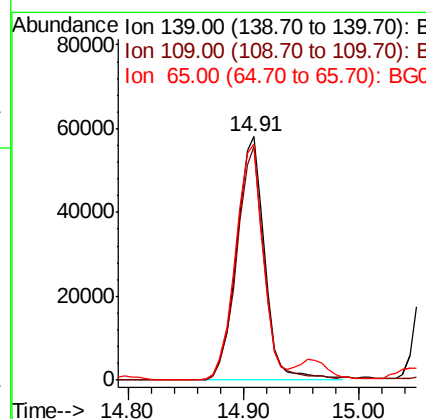
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#56
4-Nitrophenol
Concen: 93.585 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.7	75.6	115.6
65	96.8	81.2	121.2





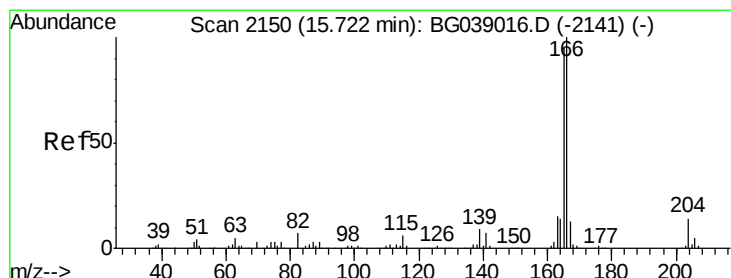
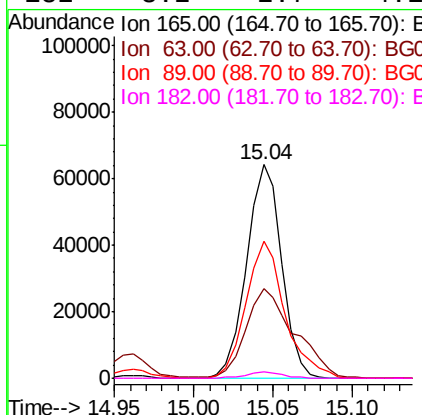
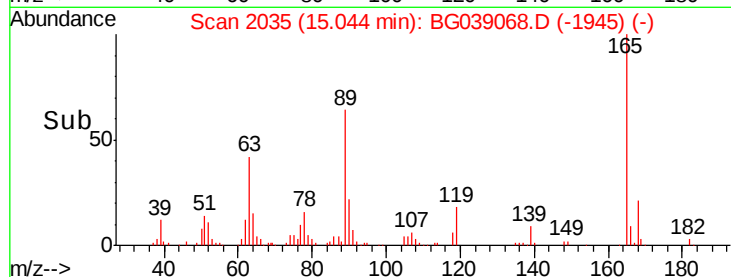
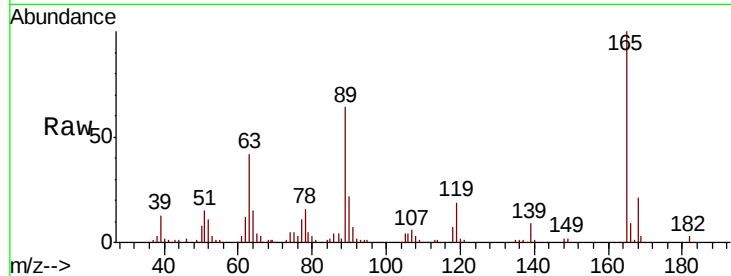
#57
 2,4-Dinitrotoluene
 Concen: 47.990 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampled :
 PB116306BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	42.1	30.2	45.4
89	64.2	53.2	79.8
182	3.2	2.7	4.1

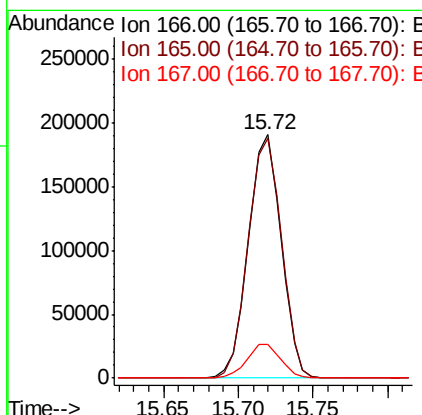
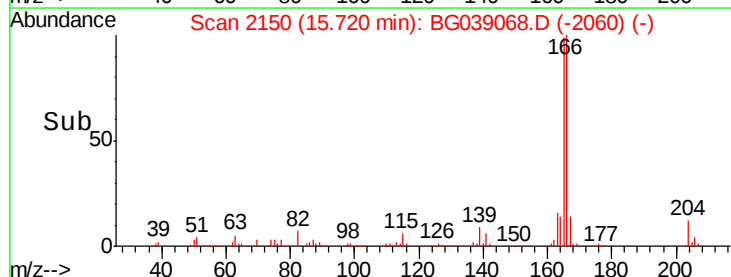
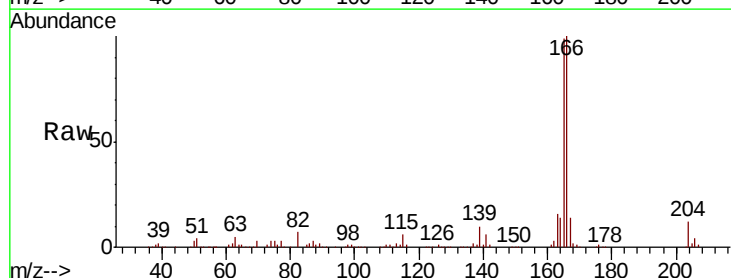
Manual Integrations
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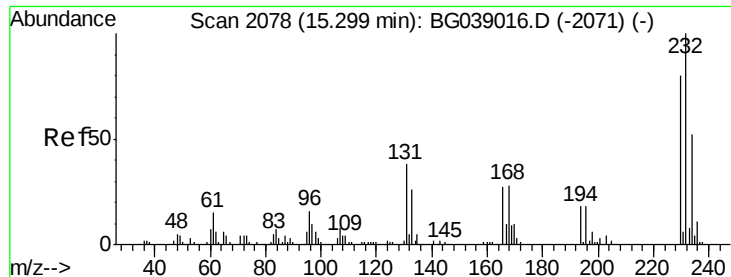
Sohil
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#58
 Fluorene
 Concen: 49.862 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.7	76.2	114.2
167	13.9	10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.851 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

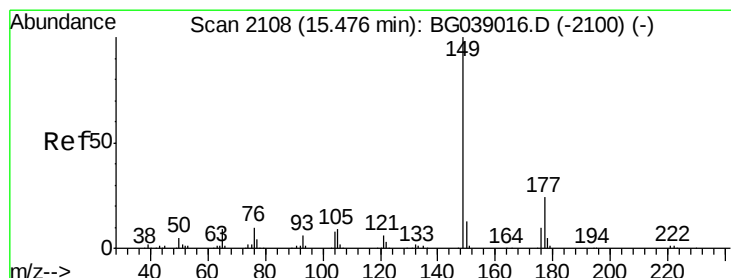
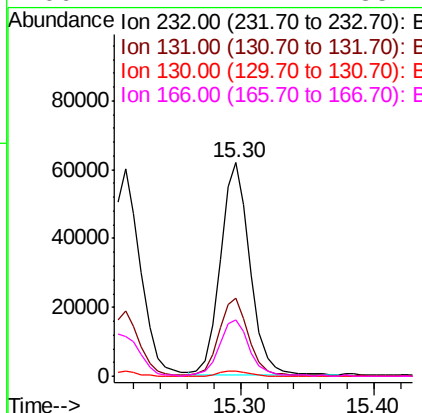
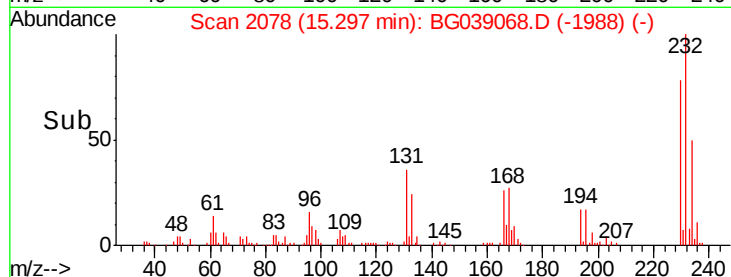
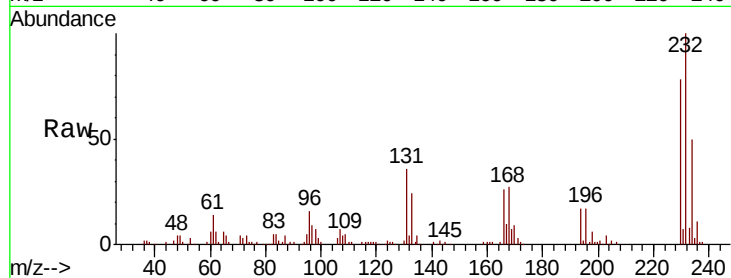
ClientSampleId :

PB116306BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.4	30.9	46.3
130	2.3	1.9	2.9
166	27.1	22.1	33.1

Manual Integrations
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1/11/2019 4:44:33 PM



#60

Diethylphthalate

Concen: 47.645 ng

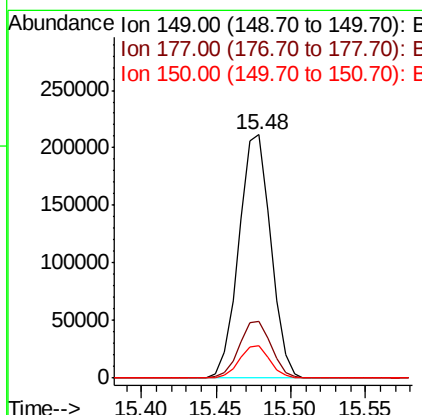
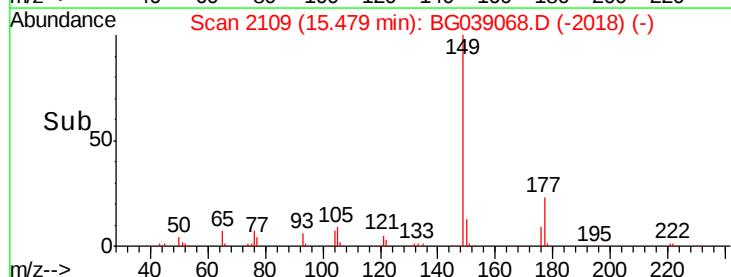
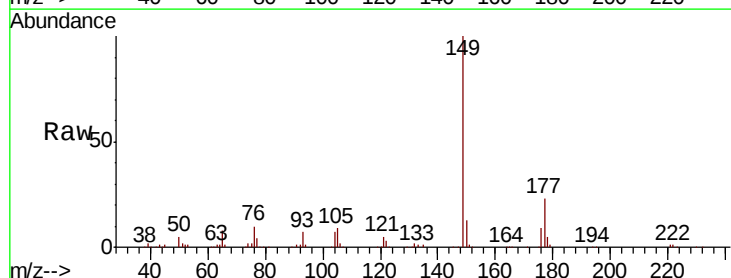
RT: 15.48 min Scan# 2109

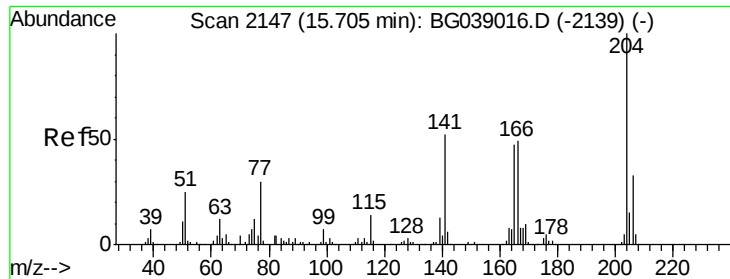
Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.0	28.6
150	13.2	10.2	15.4





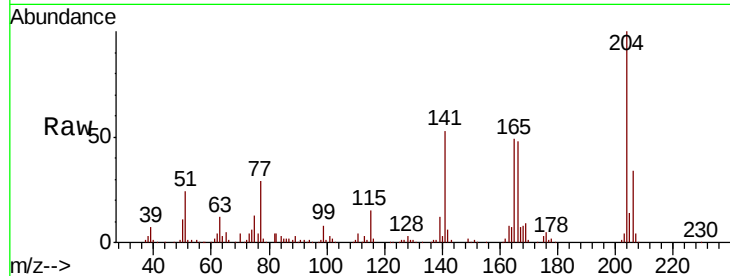
#61
4-Chlorophenyl-phenylether
Concen: 45.486 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.6	39.8
141	52.7	41.4	62.0

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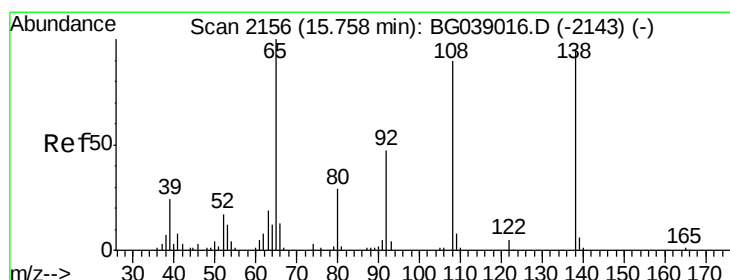
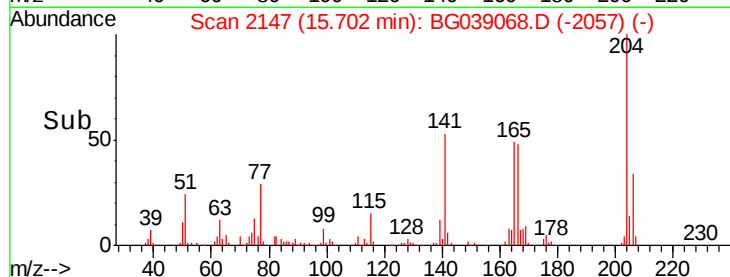
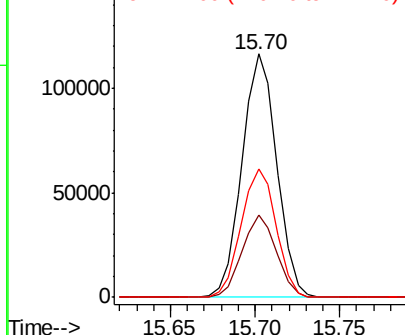


Abundance

Ion 204.00 (203.70 to 204.70): E

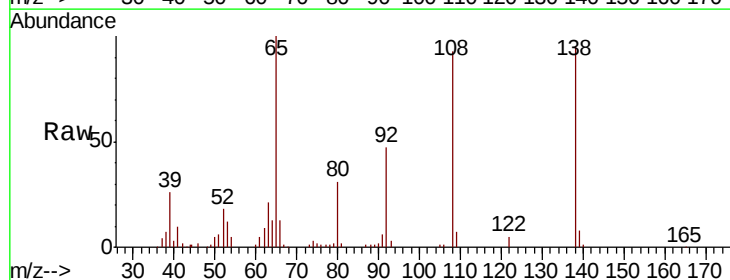
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 46.048 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	29.7	69.7
108	97.9	75.7	115.7

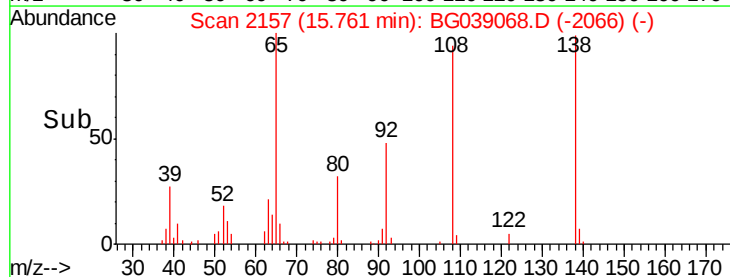
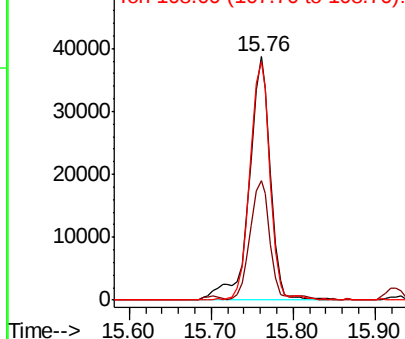


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E





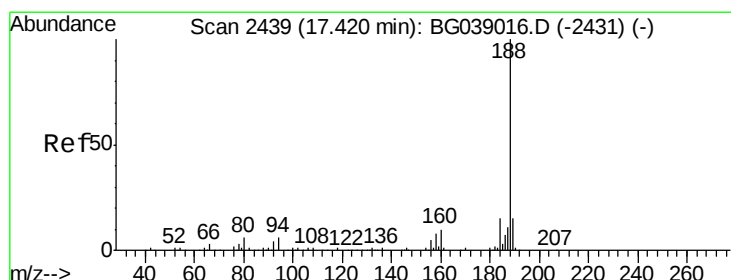
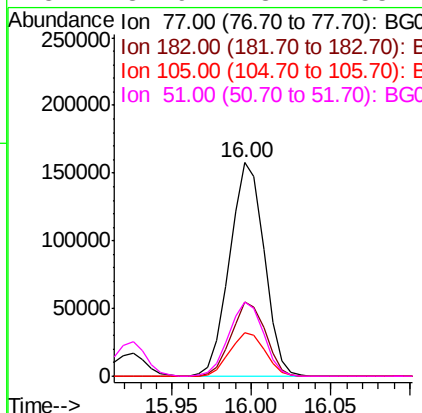
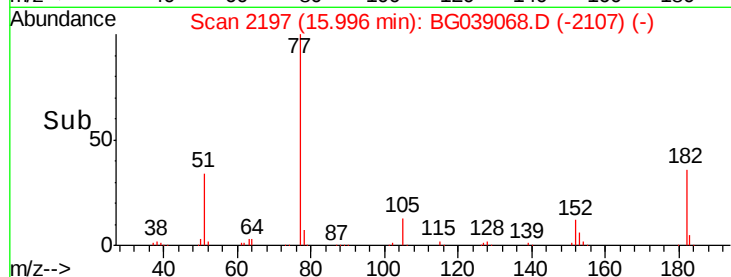
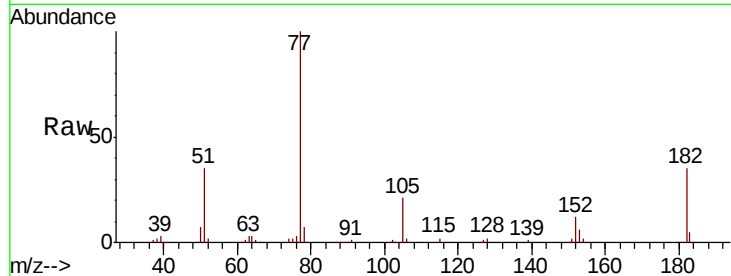
#63
Azobenzene
Concen: 46.427 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion	77	Resp	238572
Ion Ratio	Lower	Upper	
77	100		
182	34.9	12.2	52.2
105	20.6	1.2	41.2
51	34.9	13.4	53.4

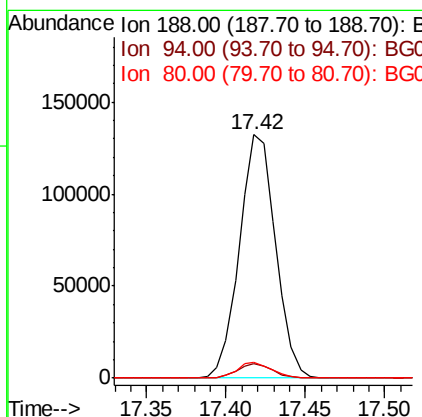
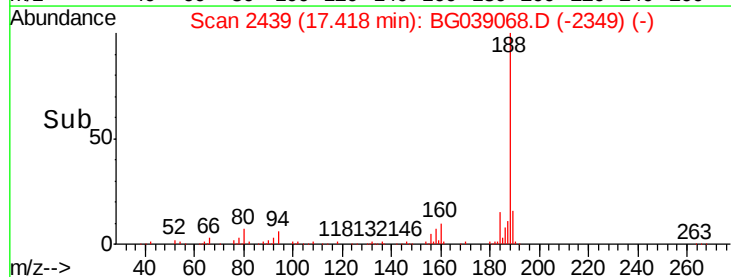
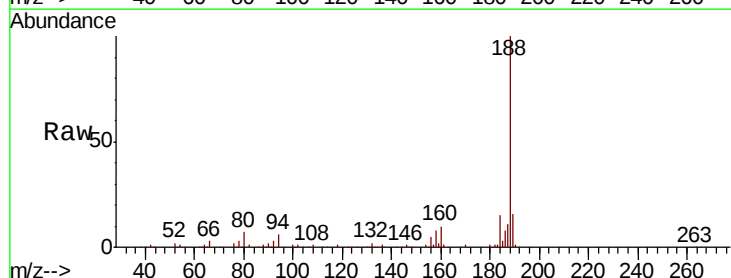
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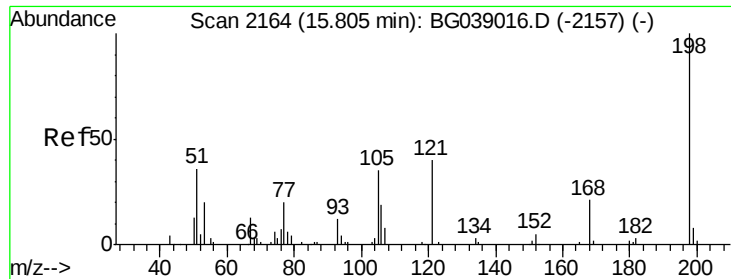
Sohil
1/11/2019 4:44:33 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	188	Resp	208964
Ion Ratio	Lower	Upper	
188	100		
94	5.8	5.0	7.4
80	6.6	4.7	7.1





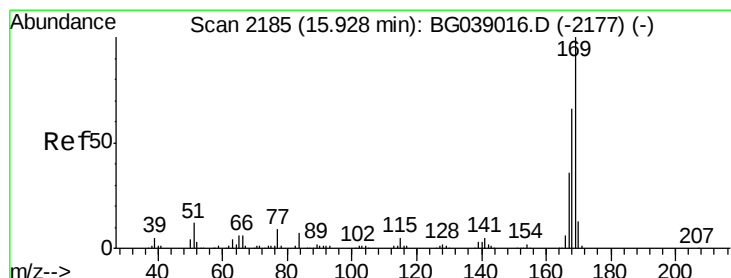
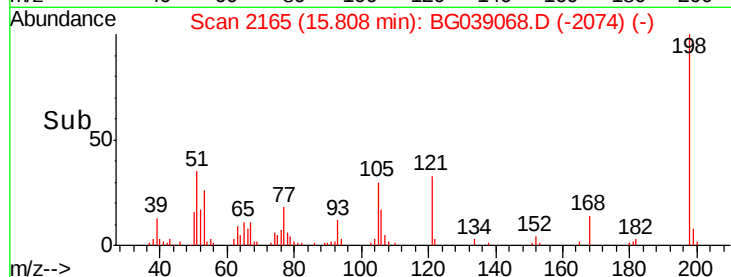
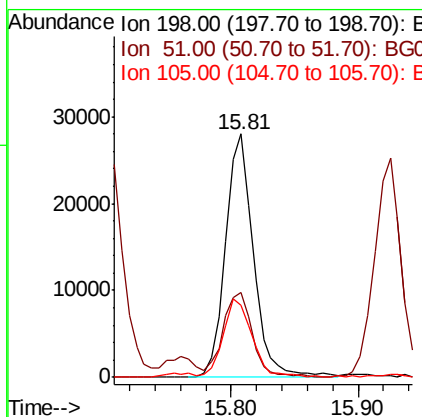
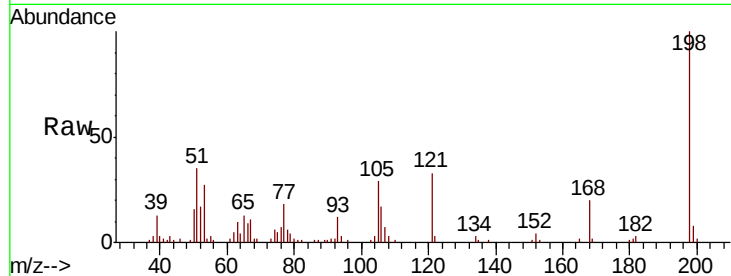
#65
4,6-Dinitro-2-methylphenol
Concen: 27.500 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	42573		
51	35.0		20.8	60.8
105	29.4		16.1	56.1

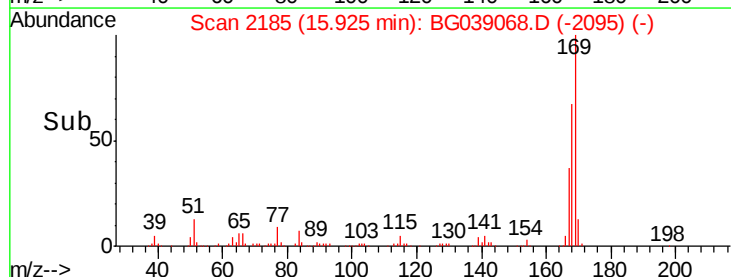
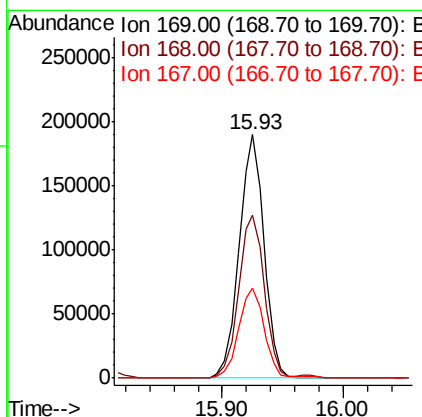
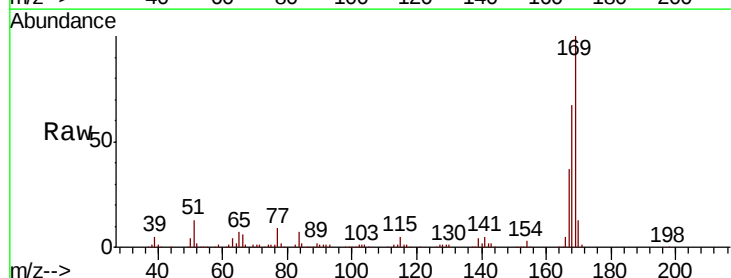
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#66
n-Nitrosodiphenylamine
Concen: 44.046 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	272853		
168	67.1		53.2	79.8
167	37.2		29.1	43.7





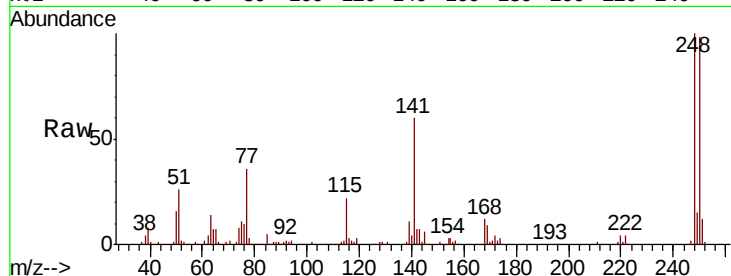
#67
 4-Bromophenyl-phenylether
 Concen: 44.386 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampled :
 PB116306BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.9	119.9
141	60.5	52.7	79.1

Manual Integrations
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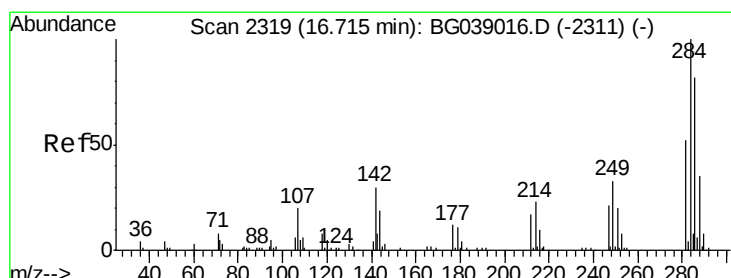
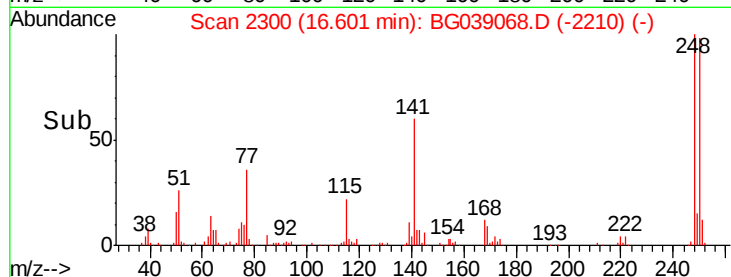
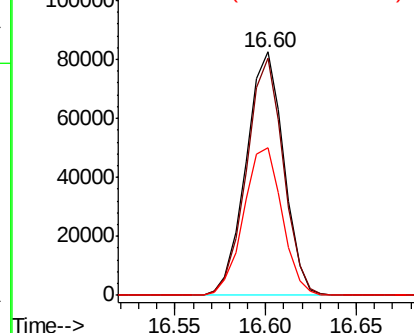


Abundance

Ion 248.00 (247.70 to 248.70): E

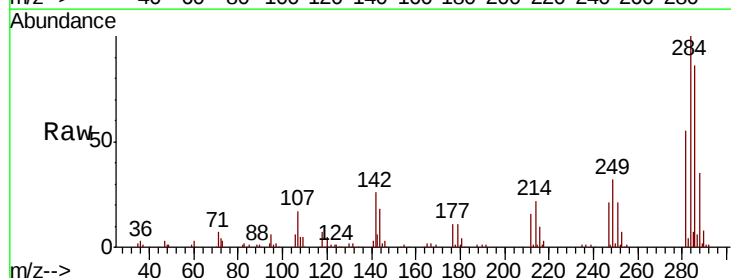
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.925 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.1	24.3	36.5
249	34.3	27.8	41.8

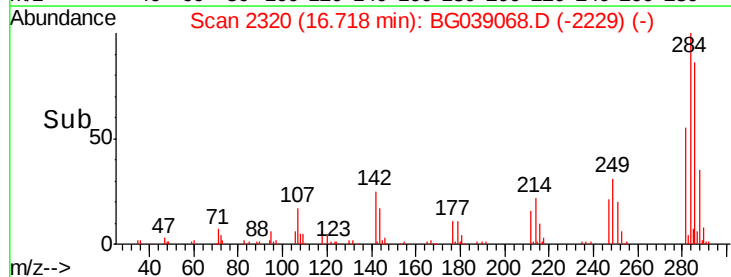
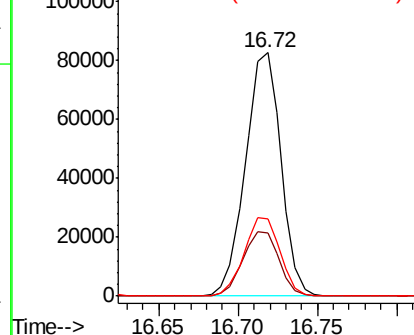


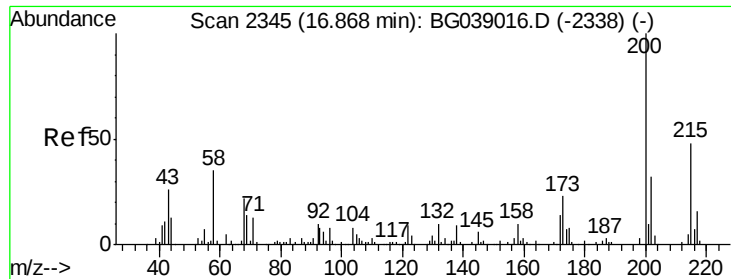
Abundance

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





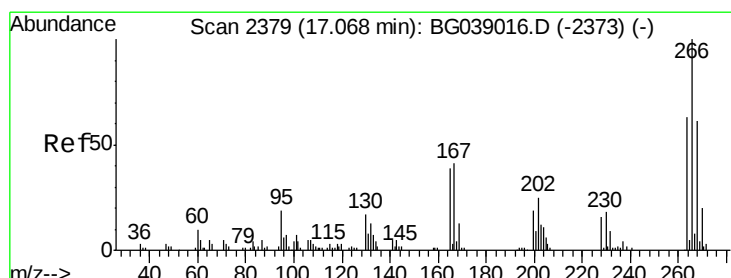
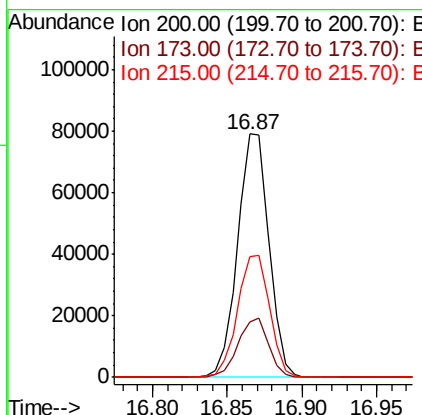
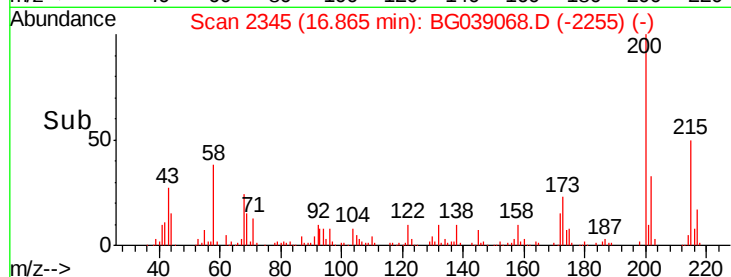
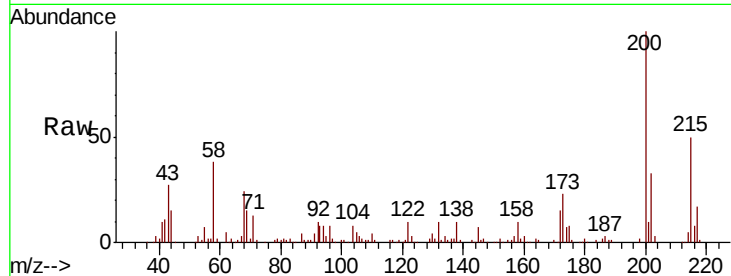
#69
Atrazine
Concen: 43.862 ng
RT: 16.87 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampled :
PB116306BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.0	2.6	42.6
215	49.6	28.0	68.0

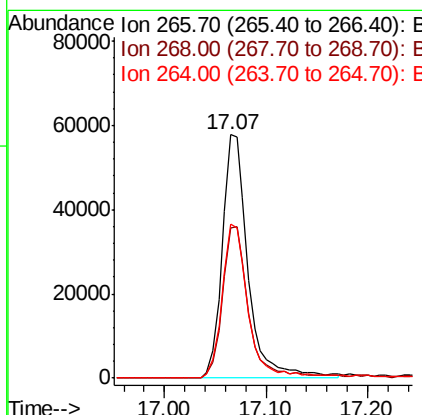
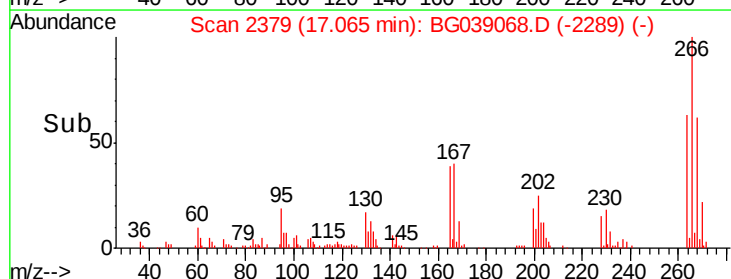
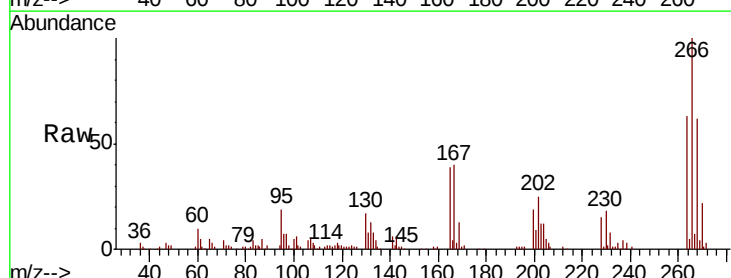
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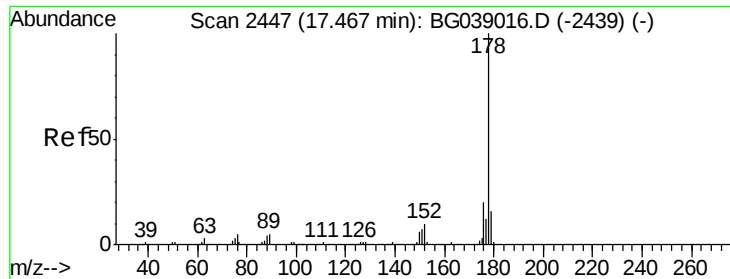
Sohil
1/11/2019 4:44:33 PM



#70
Pentachlorophenol
Concen: 58.087 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	52.0	78.0
264	63.4	54.6	81.8





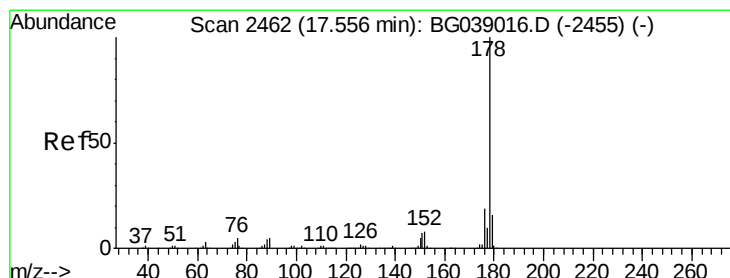
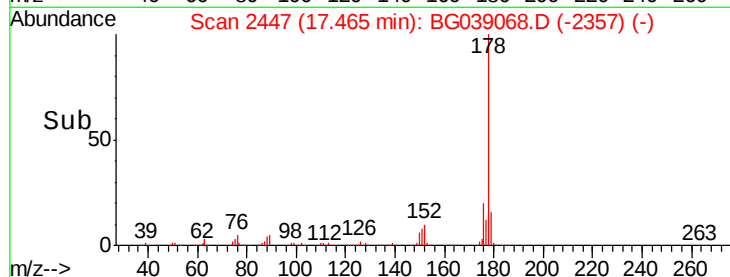
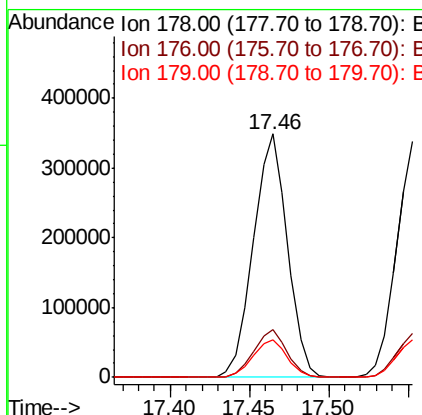
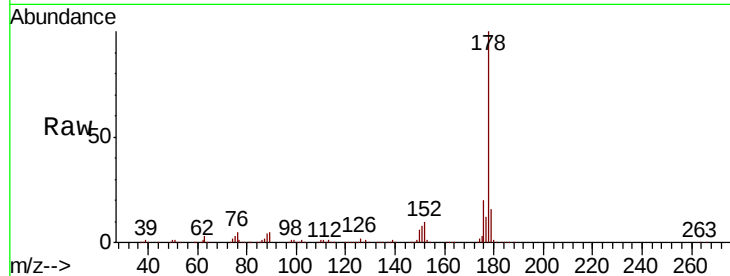
#71
Phenanthrene
Concen: 47.146 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.6	12.9	19.3

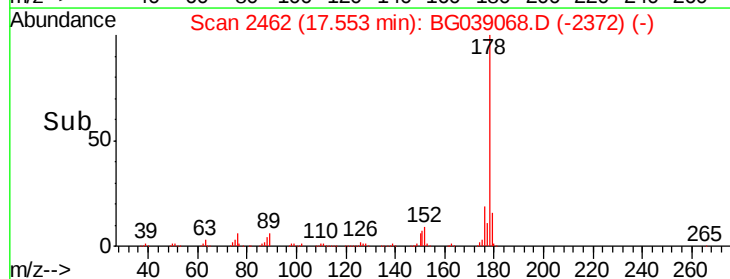
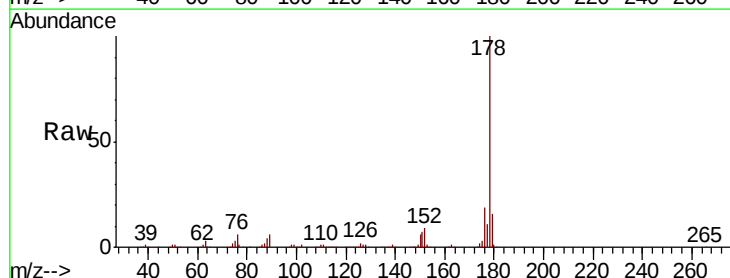
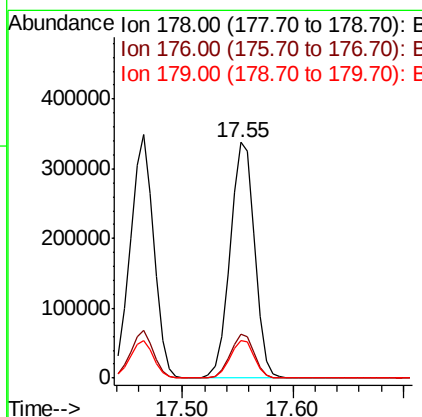
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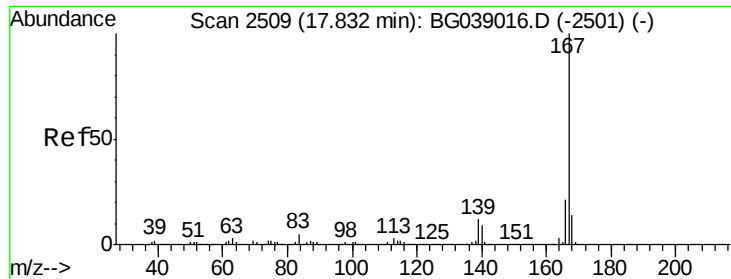
Sohil
1/11/2019 4:44:33 PM



#72
Anthracene
Concen: 48.126 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.9	13.0	19.4





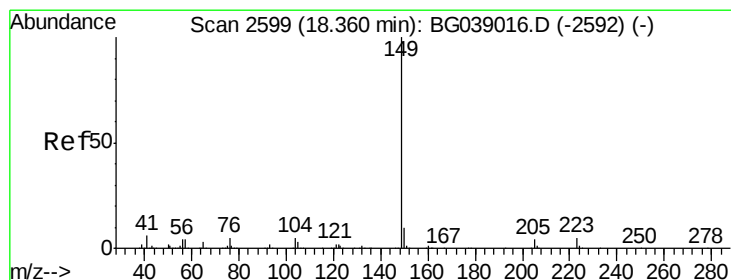
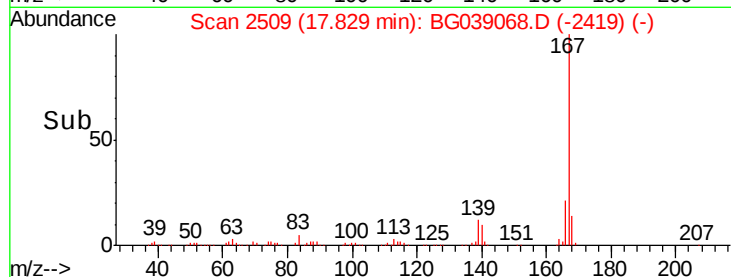
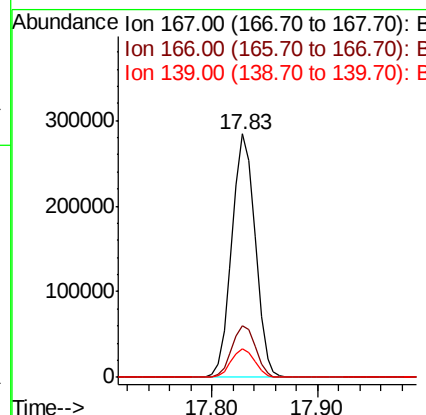
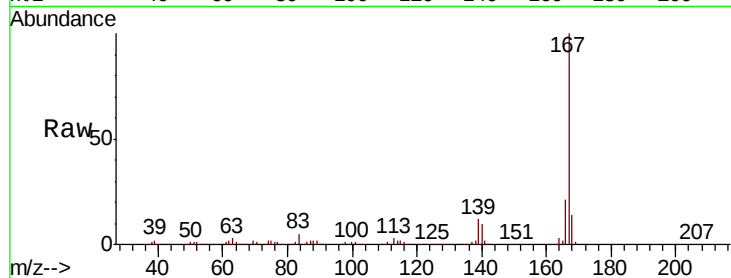
#73
 Carbazole
 Concen: 40.412 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB116306BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.9	25.3
139	11.9	10.0	15.0

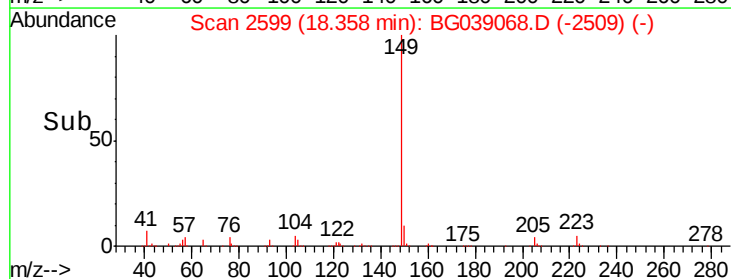
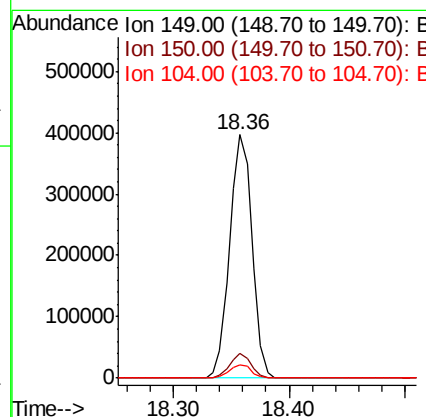
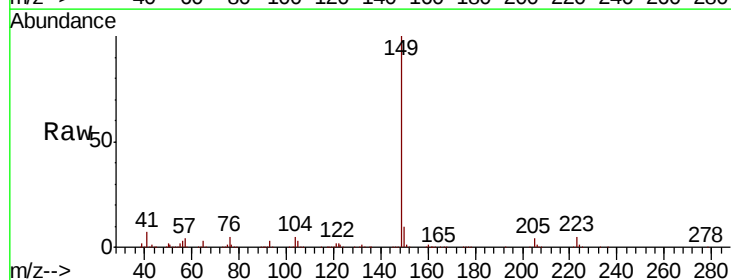
Manual Integrations
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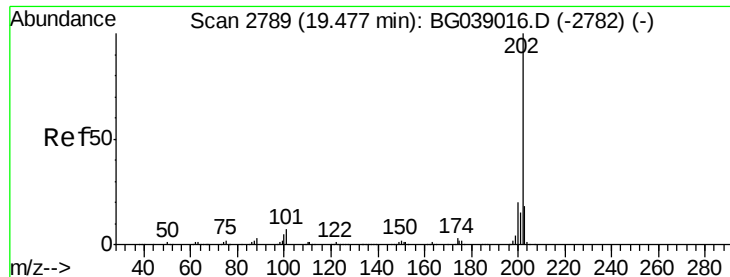
Sohil
 1/11/2019 4:44:33 PM



#74
 Di-n-butylphthalate
 Concen: 44.377 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.9	11.9
104	5.4	4.2	6.2





#75

Fluoranthene

Concen: 41.751 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

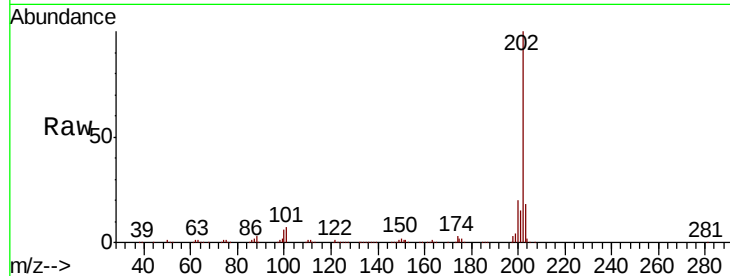
ClientSampled :

PB116306BS

Tot Ion:	202	Resp:	571676
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	26.9
203	18.4	0.0	38.1

Manual Integrations
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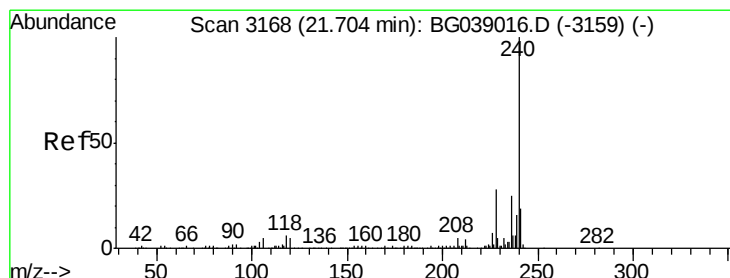
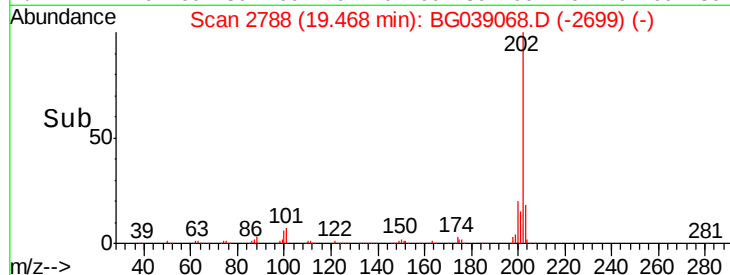
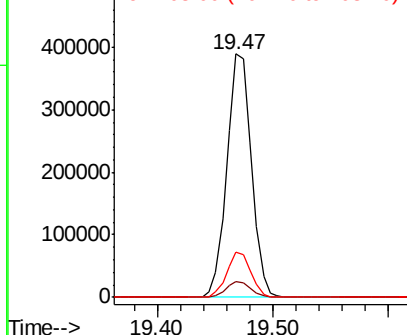


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

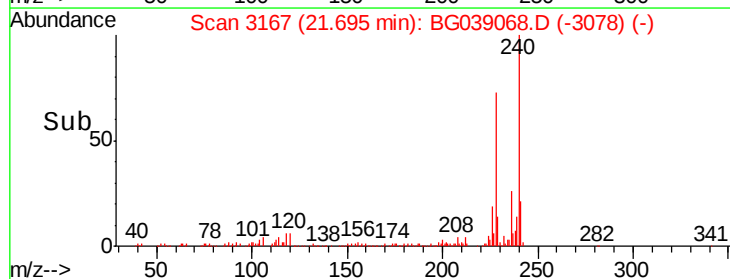
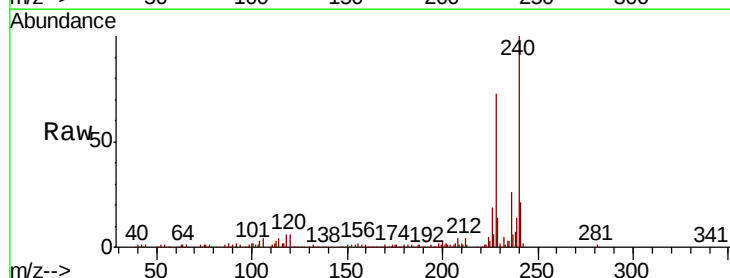
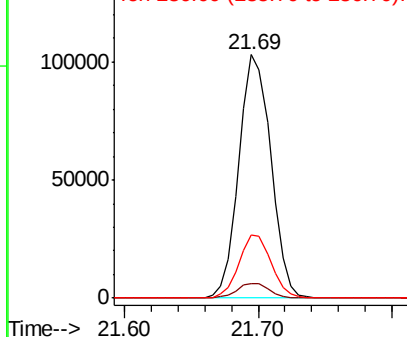
Tgt Ion:	240	Resp:	171418
Ion Ratio	Lower	Upper	
240	100		
120	6.0	4.3	6.5
236	25.9	20.1	30.1

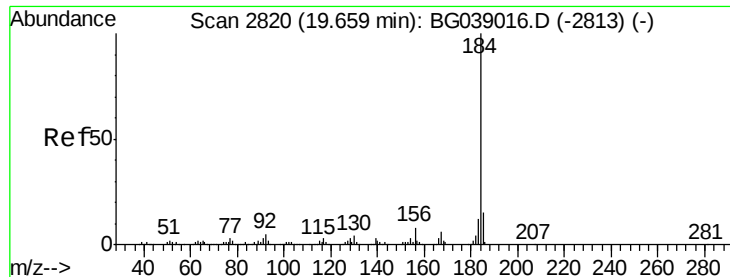
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.523 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

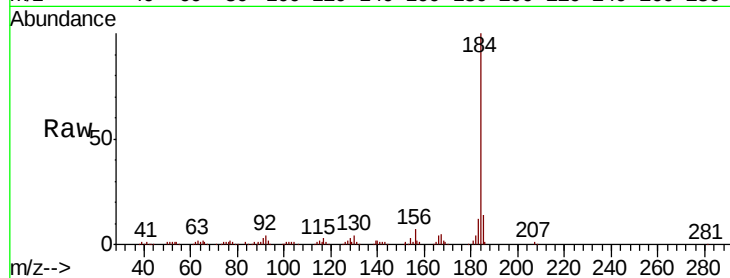
ClientSampled :

PB116306BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.1	18.1
183	12.2	9.5	14.3

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1/11/2019 4:44:33 PM

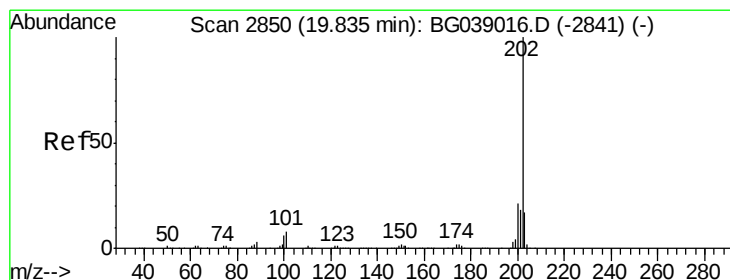
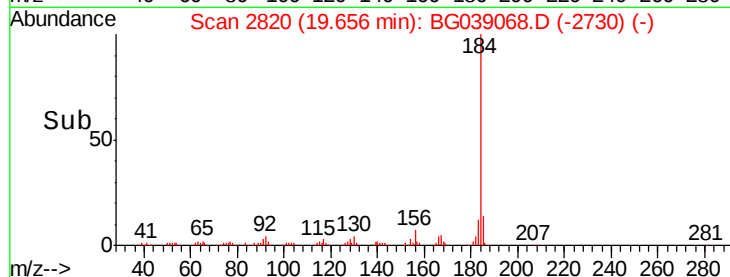
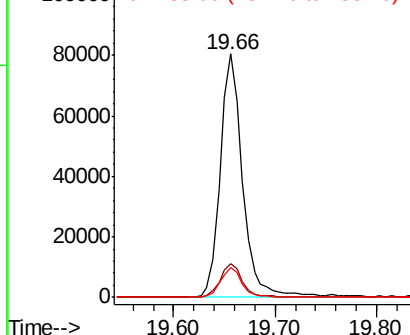


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.517 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

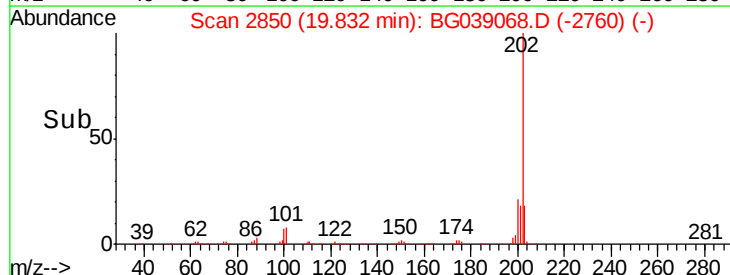
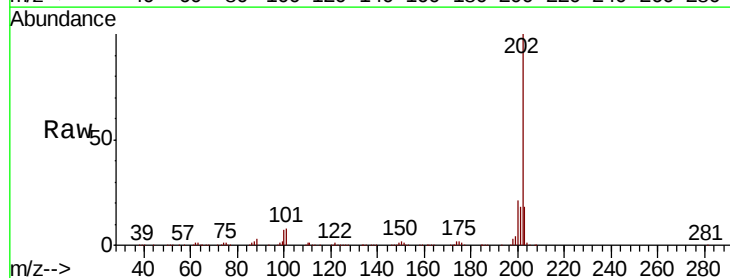
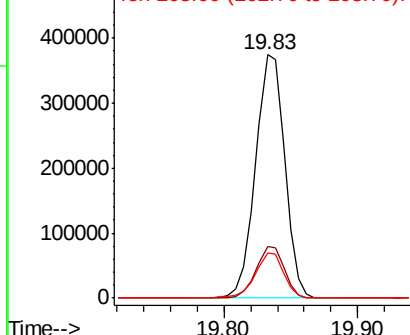
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	18.3	14.0	21.0

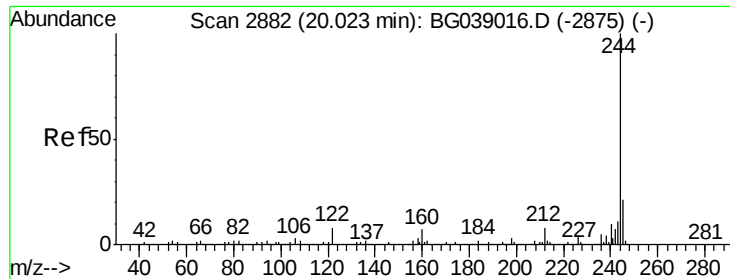
Abundance

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





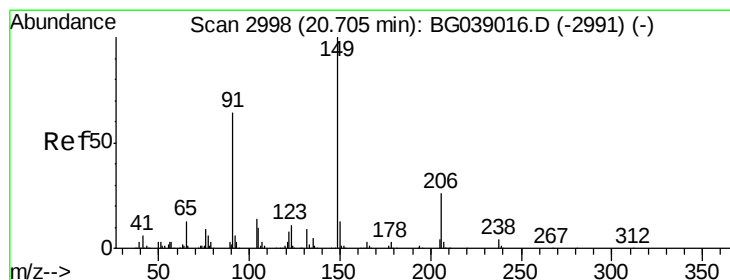
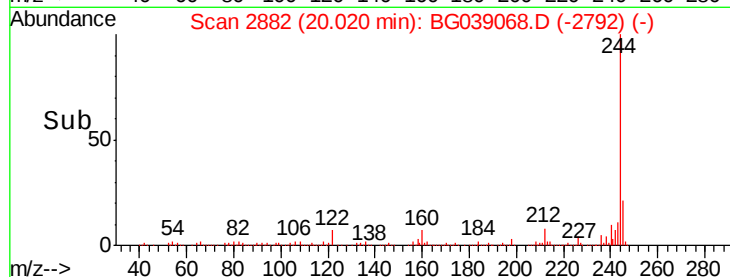
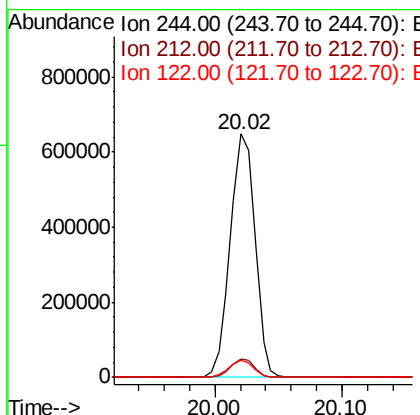
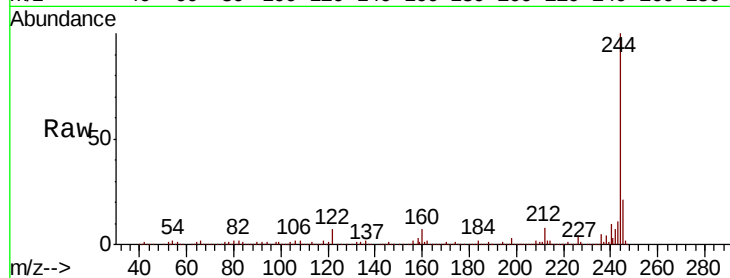
#79
 Terphenyl-d14
 Concen: 94.429 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampleId :
 PB116306BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100	875018		
212	7.7		6.1	9.1
122	7.0		6.1	9.1

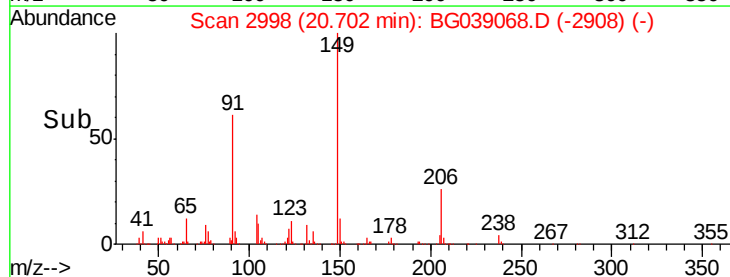
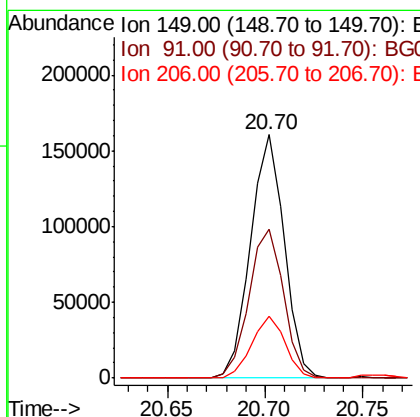
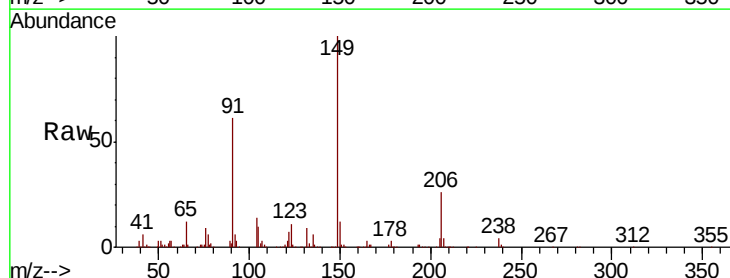
Manual Integrations
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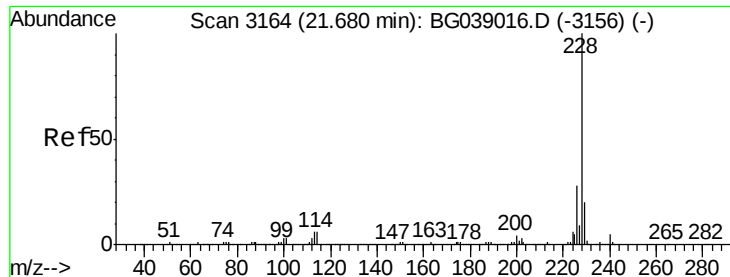
Sohil
 1/11/2019 4:44:33 PM



#80
 Butylbenzylphthalate
 Concen: 46.302 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	192379		
91	61.4		51.4	77.0
206	25.6		20.4	30.6





#81

Benzo(a)anthracene

Concen: 48.673 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

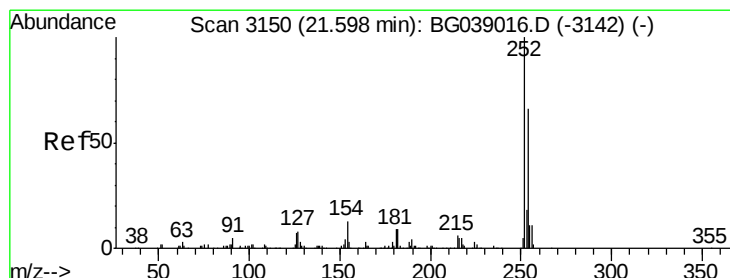
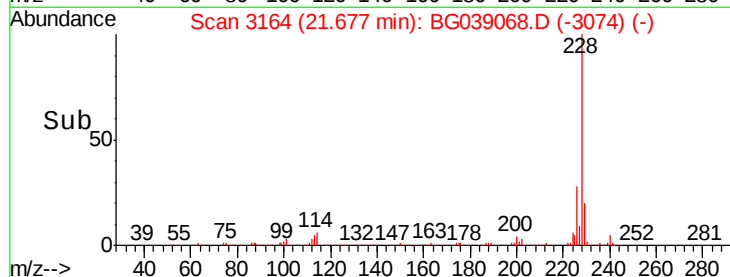
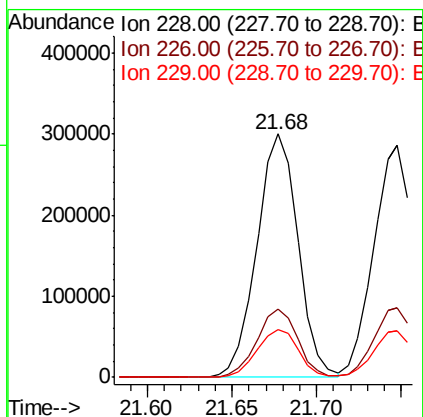
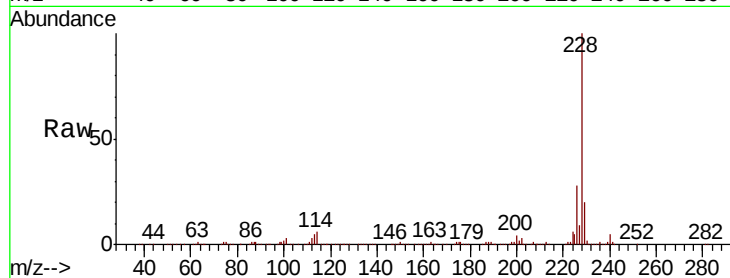
ClientSampleId :

PB116306BS

Tot Ion:	228	Resp:	507901
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.4	33.6
229	19.6	16.2	24.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 20.243 ng

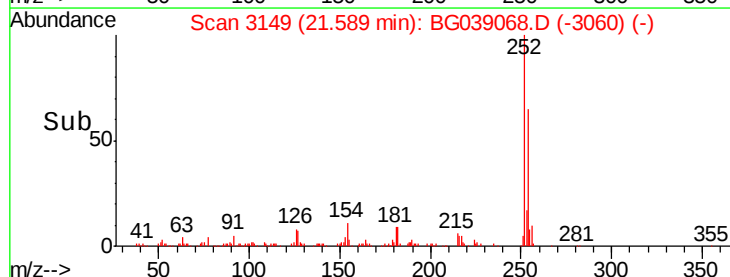
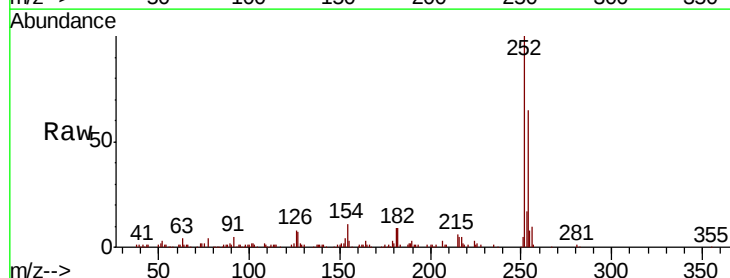
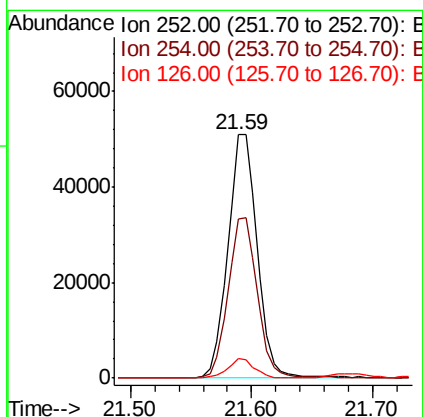
RT: 21.59 min Scan# 3149

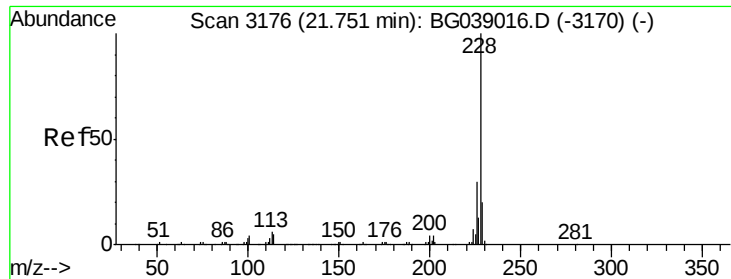
Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:	252	Resp:	86068
Ion Ratio	Lower	Upper	
252	100		
254	65.3	53.0	79.6
126	8.3	6.0	9.0





#83

Chrysene

Concen: 47.720 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

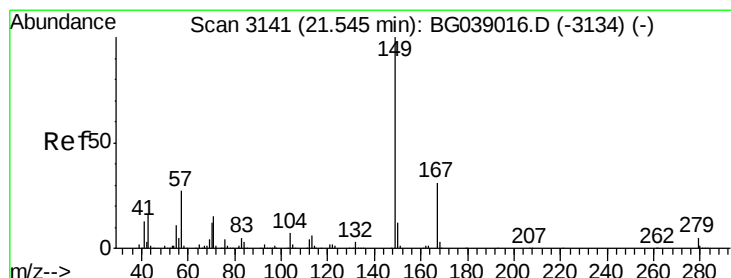
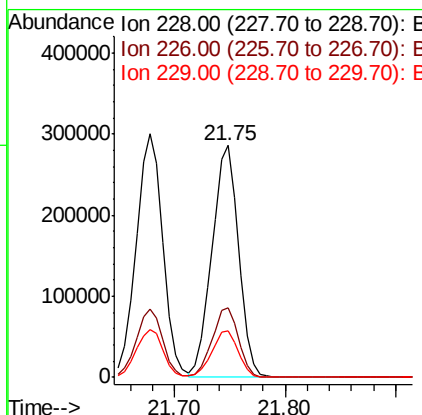
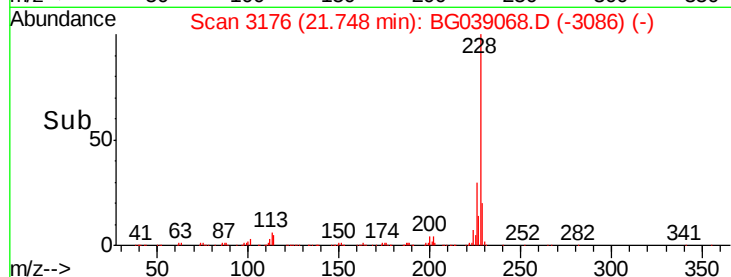
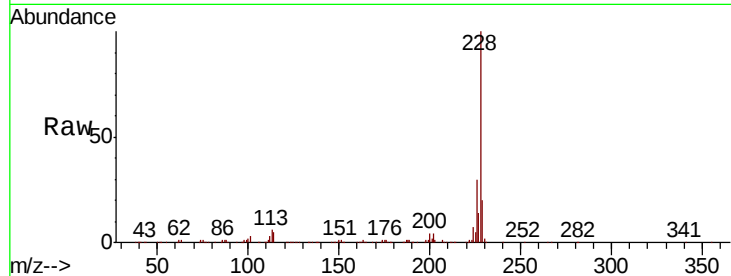
ClientSampleId :

PB116306BS

Tot Ion:	228	Resp:	473608
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	20.1	16.0	24.0

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.794 ng

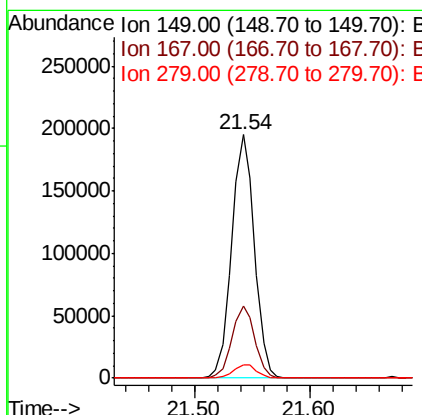
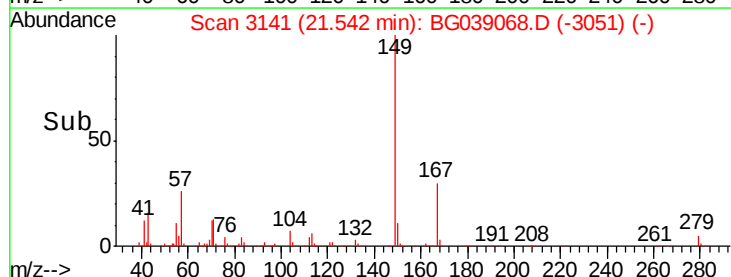
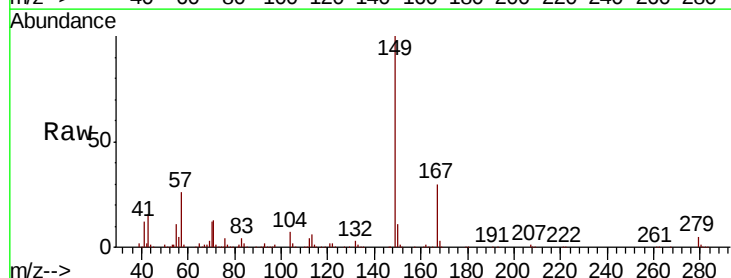
RT: 21.54 min Scan# 3141

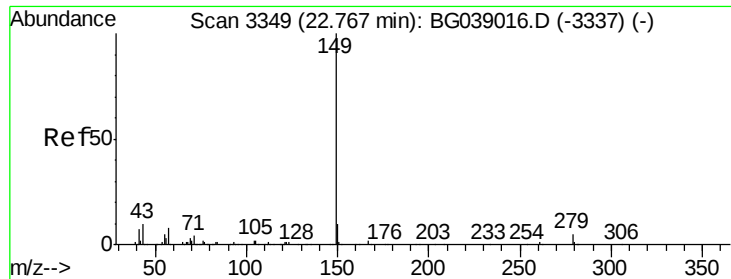
Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:	149	Resp:	264191
Ion Ratio	Lower	Upper	
149	100		
167	29.7	25.0	37.4
279	5.5	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 46.815 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

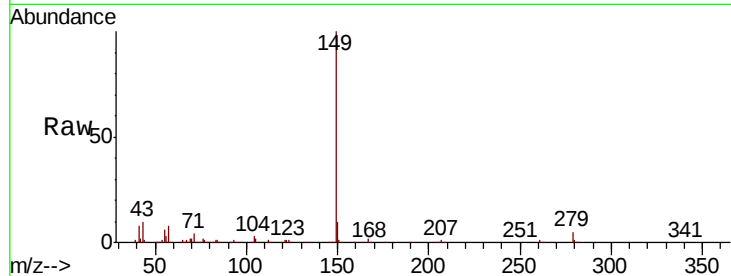
ClientSampleId :

PB116306BS

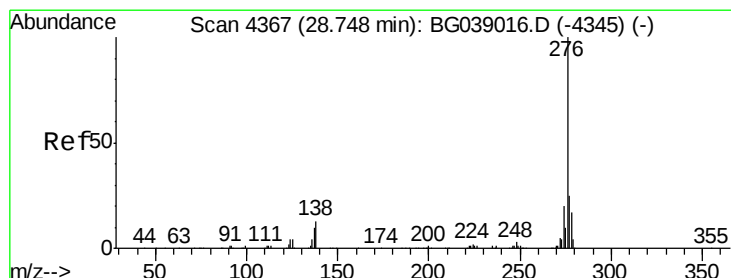
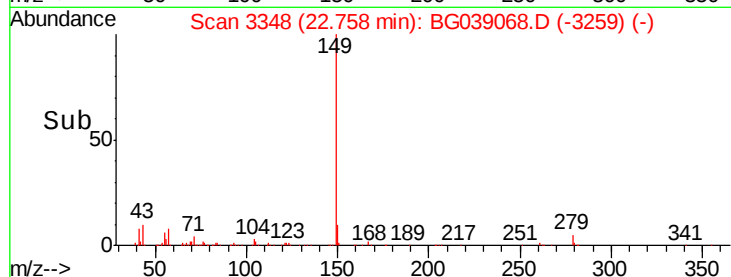
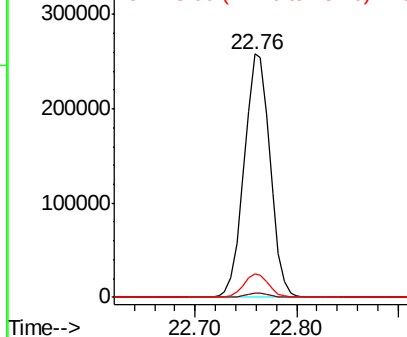
Tot Ion:	149	Resp:	456685
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.2	7.5	11.3

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.434 ng

RT: 28.75 min Scan# 4367

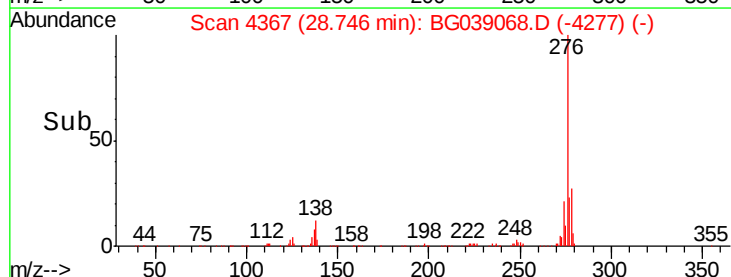
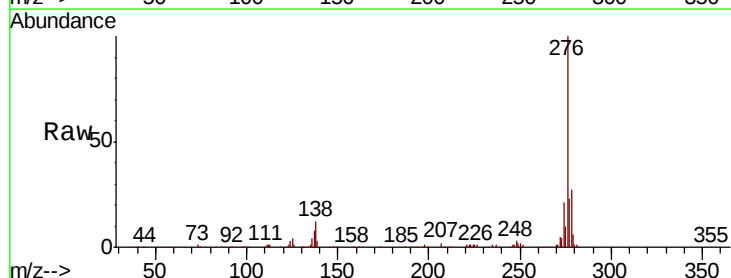
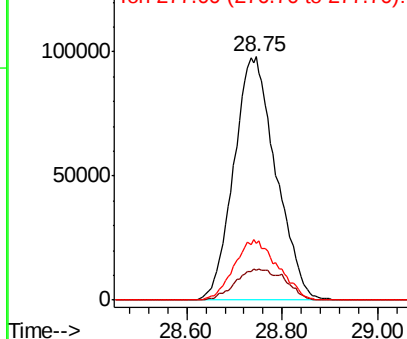
Delta R.T. -0.00 min

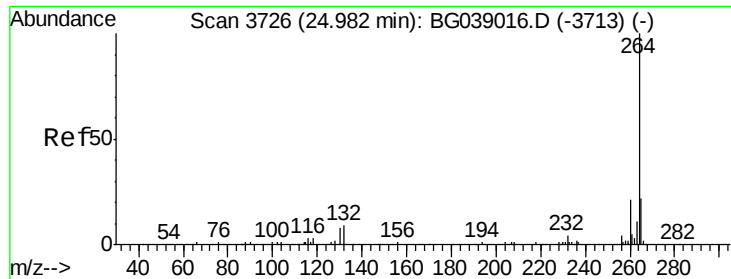
Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:	276	Resp:	598094
Ion Ratio	Lower	Upper	
276	100		
138	14.9	8.0	12.0#
277	25.7	20.3	30.5

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





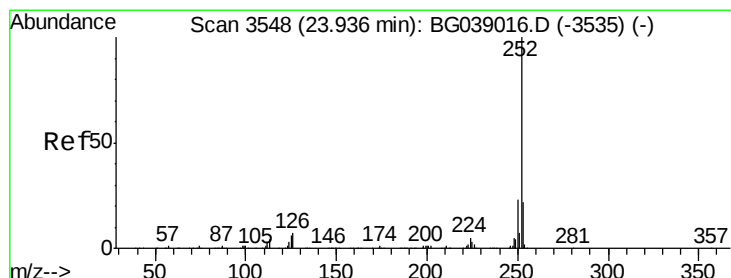
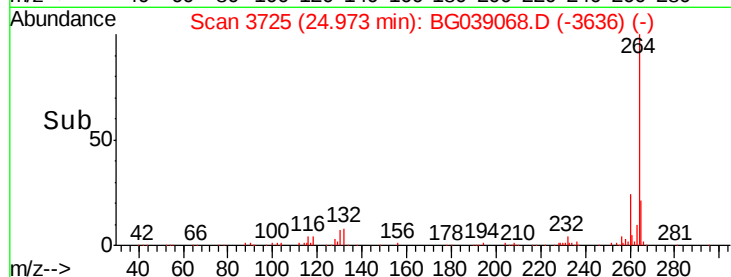
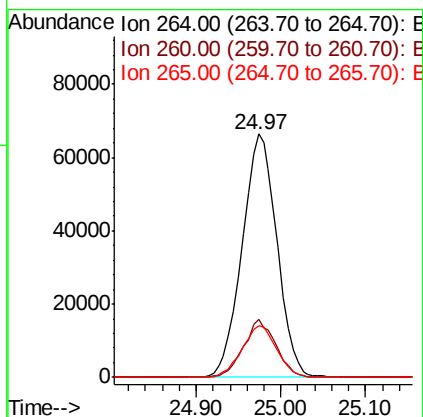
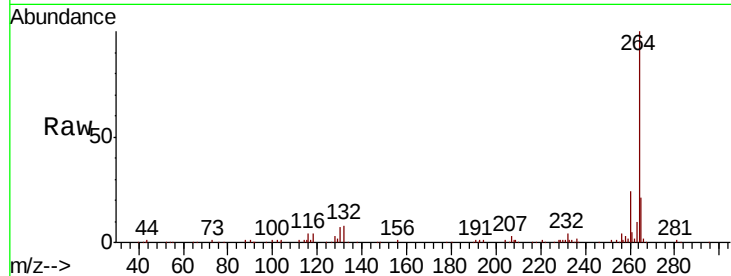
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.0	25.6
265	21.3	17.2	25.8

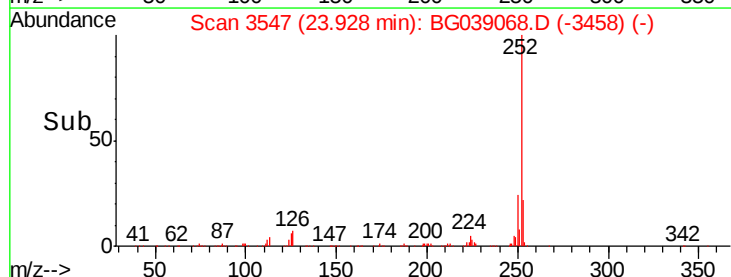
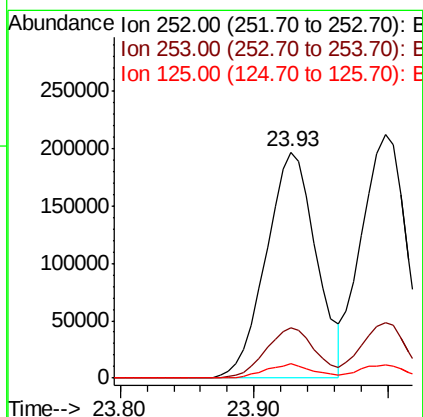
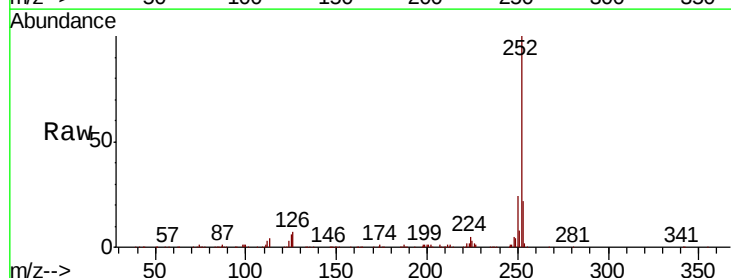
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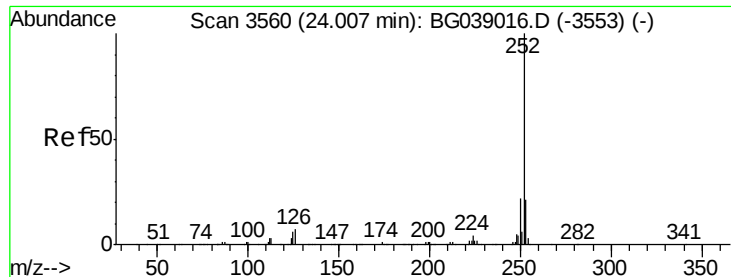
Sohil
1/11/2019 4:44:33 PM



#88
Benzo(b)fluoranthene
Concen: 49.110 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	6.3	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 47.708 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

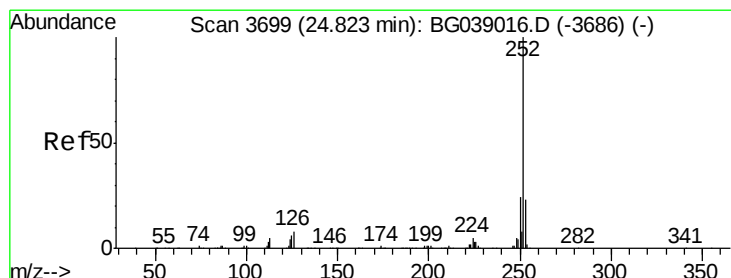
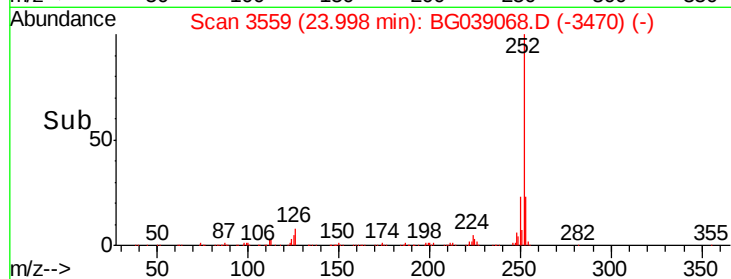
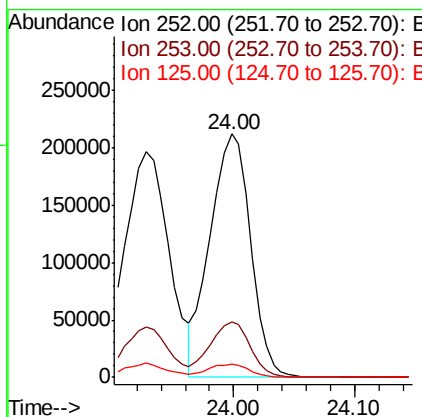
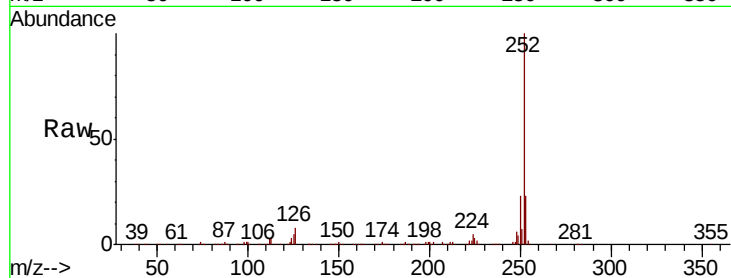
ClientSampled :

PB116306BS

Tot Ion:	252	Resp:	493190
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.1	25.7
125	5.5	4.6	7.0

Manual Integrations
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1/11/2019 4:44:33 PM



#90

Benzo(a)pyrene

Concen: 49.379 ng

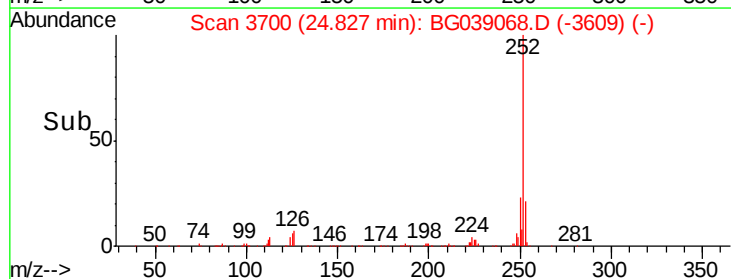
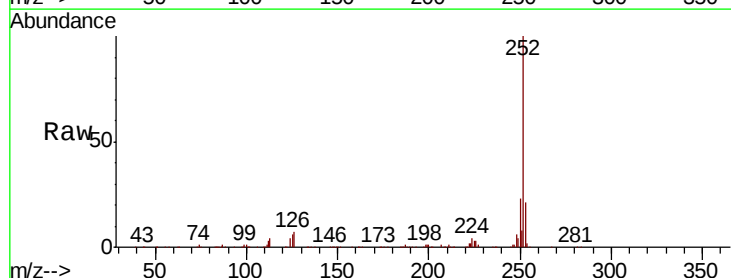
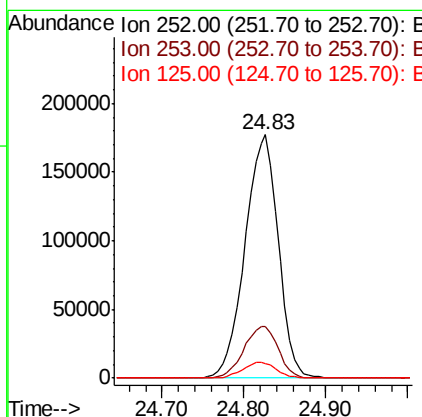
RT: 24.83 min Scan# 3700

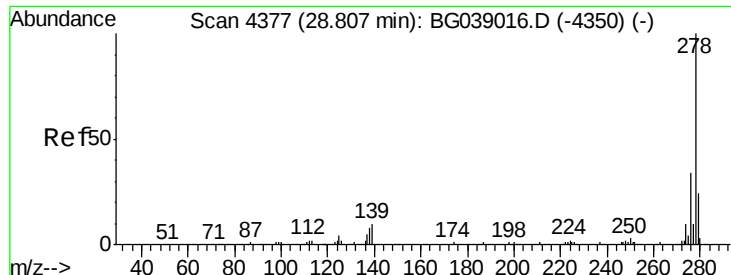
Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:	252	Resp:	499026
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.3	27.5
125	6.1	4.9	7.3





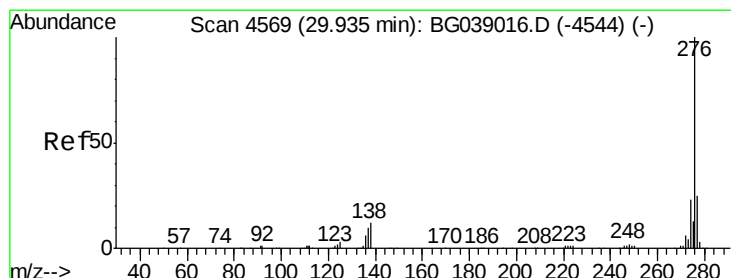
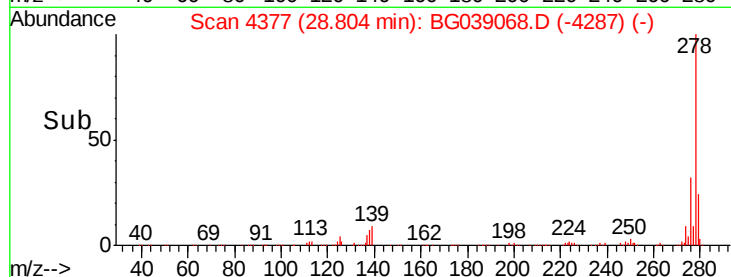
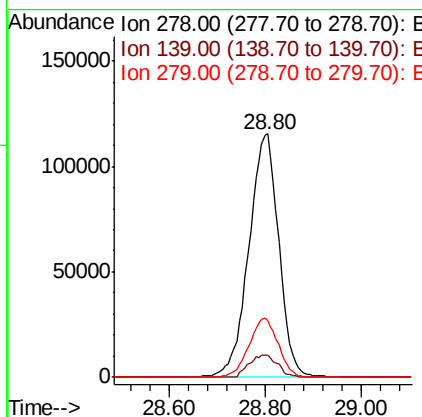
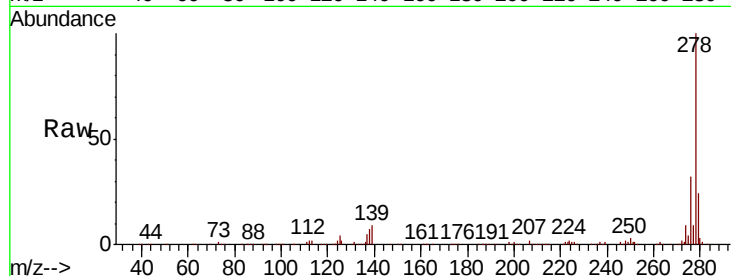
#91
Dibenzo(a,h)anthracene
Concen: 49.803 ng
RT: 28.80 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :
PB116306BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.9	11.9
279	23.6	19.3	28.9

Manual Integrations
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1/11/2019 4:44:33 PM



#92
Benzo(g,h,i)perylene
Concen: 49.481 ng
RT: 29.93 min Scan# 4568
Delta R.T. -0.01 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.3	30.5
138	12.1	9.4	14.2

