

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039461.D
 Acq On : 12 Feb 2019 13:13
 Operator : JU/SJ
 Sample : PB116987BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:45 AM

Quant Time: Feb 12 13:52:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	48459	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	243822	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	185803	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	433363	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	359149	20.00	ng	-0.02
87) Perylene-d12	25.21	264	376774	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	487842	172.30	ng	0.00
7) Phenol-d6	7.31	99	738661	177.24	ng	0.00
23) Nitrobenzene-d5	9.35	82	359198	92.03	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	329125	164.50	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	961217	74.21	ng	-0.01
79) Terphenyl-d14	20.13	244	1401455	82.60	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.60	88	36562	29.521 ng	97
3) Pyridine	4.00	79	115524	35.230 ng	93
4) n-Nitrosodimethylamine	3.92	42	62413	38.059 ng	85
6) Aniline	7.49	93	173969	33.325 ng	99
8) 2-Chlorophenol	7.73	128	159735	51.612 ng	96
9) Benzaldehyde	7.31	77	76006	35.308 ng	97
10) Phenol	7.34	94	225519	51.909 ng	96
11) bis(2-Chloroethyl)ether	7.59	93	143438	41.783 ng	99
12) 1,3-Dichlorobenzene	8.06	146	145875	38.907 ng	96
13) 1,4-Dichlorobenzene	8.20	146	149975	40.133 ng	98
14) 1,2-Dichlorobenzene	8.53	146	150033	41.472 ng	95
15) Benzyl Alcohol	8.40	79	161692	49.417 ng	100
16) 2,2'-oxybis(1-Chloropropan	8.69	45	278551	35.931 ng	97
17) 2-Methylphenol	8.60	107	152393	54.205 ng	97
18) Hexachloroethane	9.26	117	52269	40.655 ng	99
19) n-Nitroso-di-n-propylamine	8.97	70	130673	44.175 ng	94
20) 3+4-Methylphenols	8.93	107	210693	54.421 ng	96
22) Acetophenone	9.00	105	243778	37.221 ng	# 95
24) Nitrobenzene	9.39	77	189244	44.882 ng	97
25) Isophorone	9.91	82	386147	44.647 ng	96
26) 2-Nitrophenol	10.10	139	95664	55.213 ng	96
27) 2,4-Dimethylphenol	10.14	122	184326	52.684 ng	99
28) bis(2-Chloroethoxy)methane	10.39	93	231251	43.409 ng	97
29) 2,4-Dichlorophenol	10.63	162	197905	51.756 ng	93
30) 1,2,4-Trichlorobenzene	10.85	180	179243	41.752 ng	98
31) Naphthalene	11.04	128	518841	42.894 ng	99
32) Benzoic acid	10.27	122	109342	47.778 ng	93
33) 4-Chloroaniline	11.15	127	123945	22.100 ng	95
34) Hexachlorobutadiene	11.31	225	109828	38.469 ng	93
35) Caprolactam	11.94	113	71229m	45.015 ng	
36) 4-Chloro-3-methylphenol	12.25	107	219238	49.576 ng	96
37) 2-Methylnaphthalene	12.63	142	414635	46.282 ng	98
38) 1-Methylnaphthalene	12.85	142	402372	46.593 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	232326	39.299 ng	99

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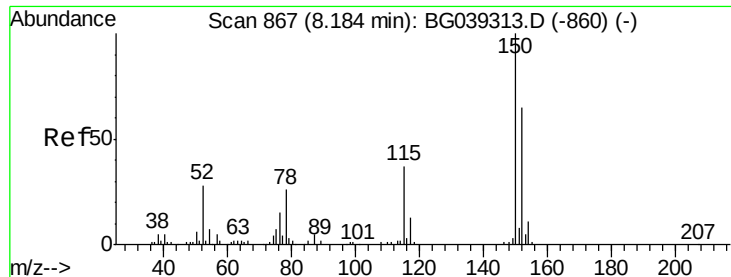
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	283441	87.987	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	167880	46.186	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	183060	48.052	nq	99
46) 1,1'-Biphenyl	13.63	154	577869	37.380	nq	100
47) 2-Chloronaphthalene	13.68	162	445406	38.299	nq	98
48) 2-Nitroaniline	13.89	65	156786	47.116	nq	92
49) Acenaphthylene	14.53	152	736962	41.996	nq	100
50) Dimethylphthalate	14.24	163	613831	40.905	nq	99
51) 2,6-Dinitrotoluene	14.37	165	139550	49.518	nq	94
52) Acenaphthene	14.86	154	453376	39.802	nq	99
53) 3-Nitroaniline	14.70	138	91668	32.429	nq	# 92
54) 2,4-Dinitrophenol	14.91	184	102921	81.972	nq	94
55) Dibenzofuran	15.20	168	732743	40.121	nq	99
56) 4-Nitrophenol	14.99	139	219785	80.932	nq	88
57) 2,4-Dinitrotoluene	15.15	165	195519	53.377	nq	87
58) Fluorene	15.84	166	579340	42.553	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	184497	51.724	nq	96
60) Diethylphthalate	15.59	149	623363	40.177	nq	98
61) 4-Chlorophenyl-phenylether	15.82	204	314314	40.772	nq	96
62) 4-Nitroaniline	15.87	138	133581	42.936	nq	93
63) Azobenzene	16.12	77	552856	36.457	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	93106	52.531	nq	92
66) n-Nitrosodiphenylamine	16.04	169	540862	41.046	nq	100
67) 4-Bromophenyl-phenylether	16.72	248	206253	42.901	nq	93
68) Hexachlorobenzene	16.83	284	207768	43.074	nq	94
69) Atrazine	16.98	200	206811	42.947	nq	98
70) Pentachlorophenol	17.18	266	236687	70.601	nq	99
71) Phenanthrene	17.58	178	940075	41.912	nq	98
72) Anthracene	17.67	178	953079	43.139	nq	98
73) Carbazole	17.94	167	789800	35.821	nq	99
74) Di-n-butylphthalate	18.48	149	976142	37.949	nq	99
75) Fluoranthene	19.58	202	1004231	38.574	nq	99
77) Benzidine	19.76	184	354854	30.136	nq	99
78) Pyrene	19.94	202	976794	43.689	nq	99
80) Butylbenzylphthalate	20.81	149	388367	41.178	nq	95
81) Benzo(a)anthracene	21.81	228	907596	42.767	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	213665	27.153	nq	99
83) Chrysene	21.88	228	850232	42.087	nq	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	541460	40.241	nq	99
85) Di-n-octyl phthalate	22.94	149	924190	41.575	nq	95
86) Indeno(1,2,3-cd)pyrene	29.10	276	1026793	47.372	nq	100
88) Benzo(b)fluoranthene	24.12	252	885396	43.090	nq	99
89) Benzo(k)fluoranthene	24.20	252	863719	41.868	nq	100
90) Benzo(a)pyrene	25.05	252	874195	44.176	nq	98
91) Dibenzo(a,h)anthracene	29.17	278	834080	45.007	nq	98
92) Benzo(g,h,i)perylene	30.33	276	844330	45.710	nq	99

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



#1

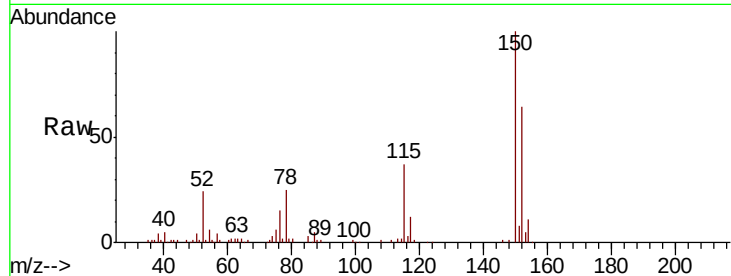
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.7	185.5
115	57.6	45.9	68.9

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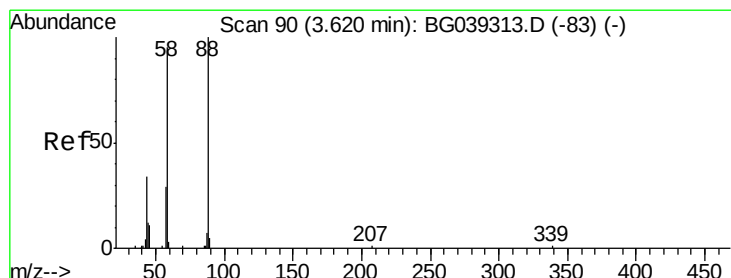
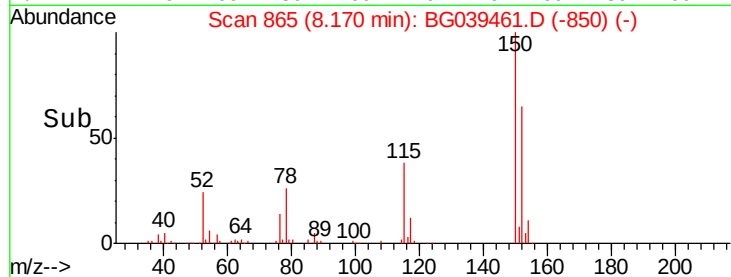
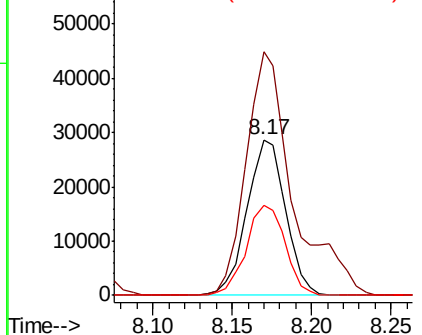


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

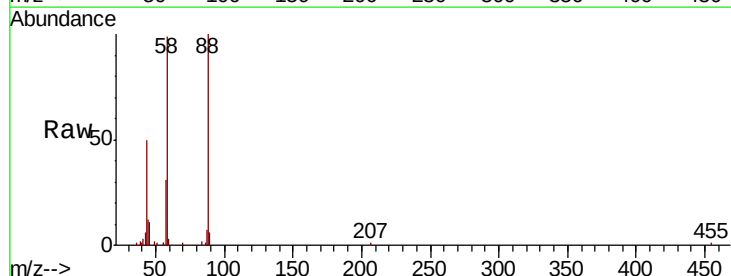
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.521 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.3	81.1	121.7
43	33.8	31.4	47.0

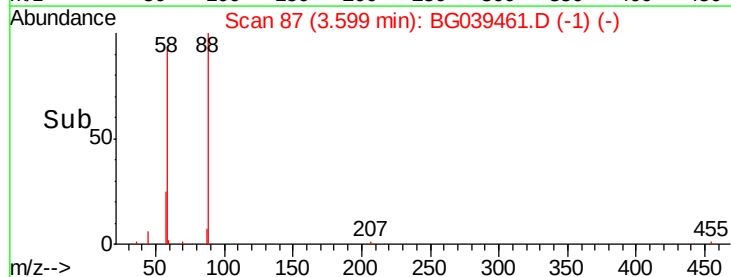
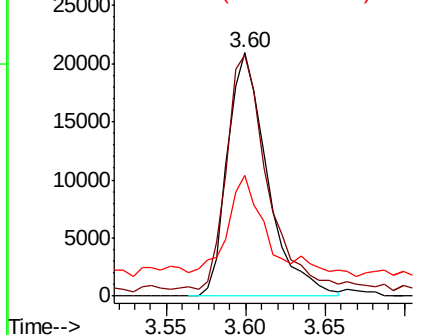


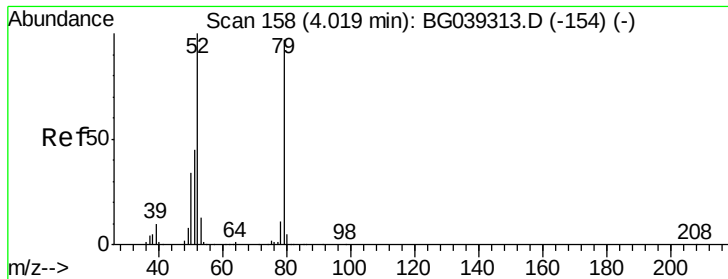
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.230 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

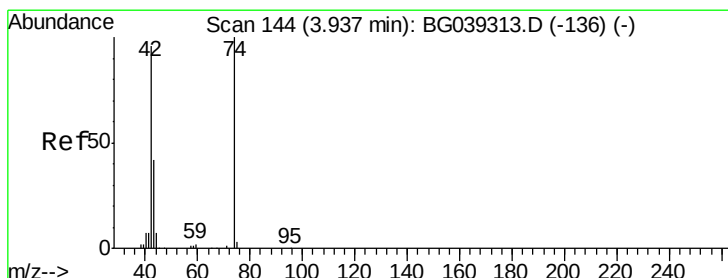
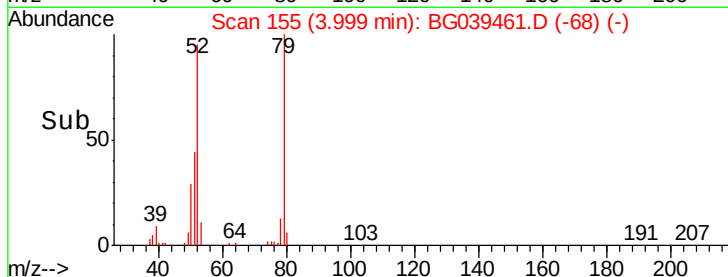
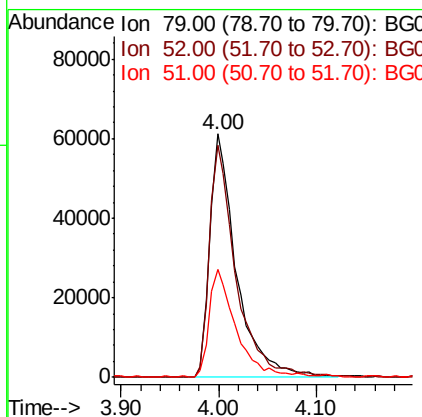
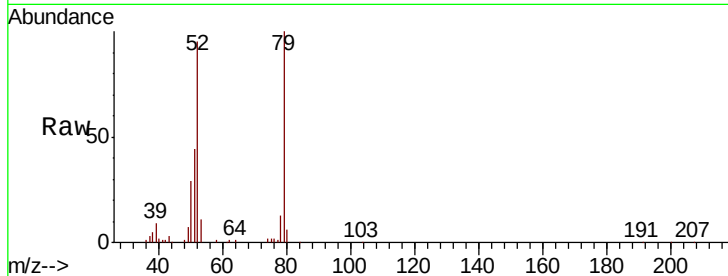
ClientSampleId :

PB116987BS

Tot Ion:	79	Resp:	115524
Ion	Ratio	Lower	Upper
79	100		
52	95.5	82.6	124.0
51	44.2	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 38.059 ng

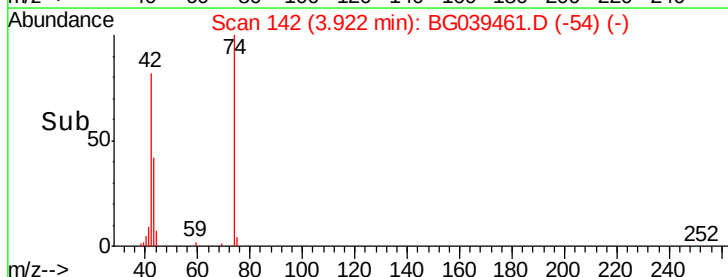
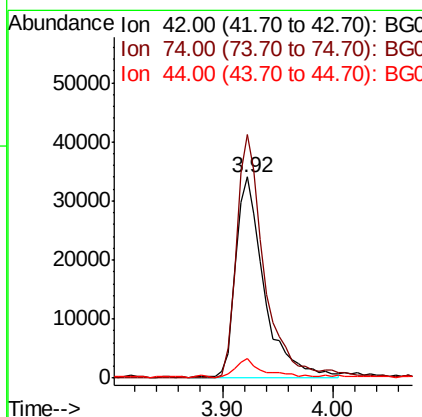
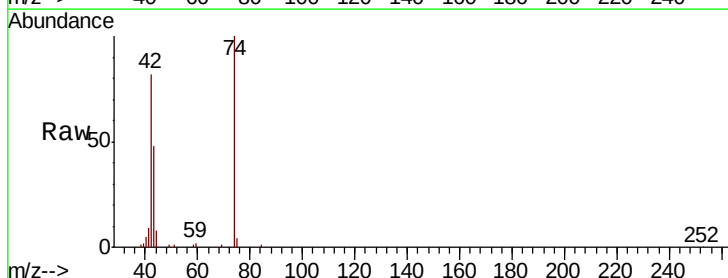
RT: 3.92 min Scan# 142

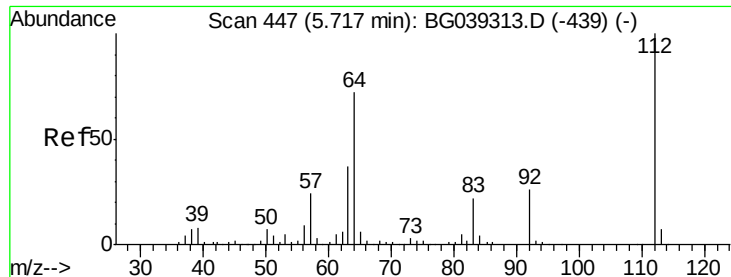
Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:	42	Resp:	62413
Ion	Ratio	Lower	Upper
42	100		
74	121.2	83.6	125.4
44	9.7	6.9	10.3





#5

2-Fluorophenol

Concen: 172.299 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

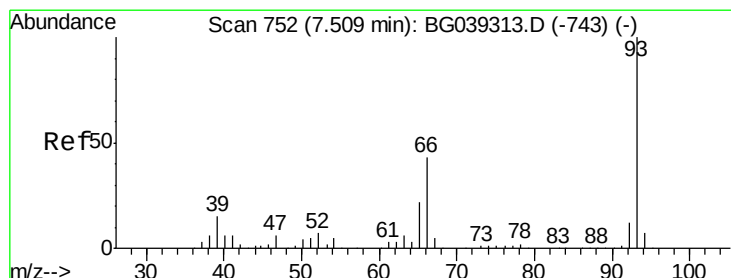
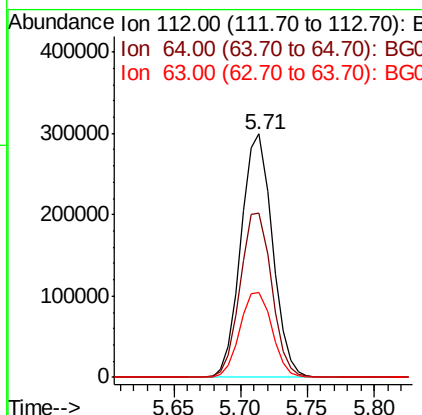
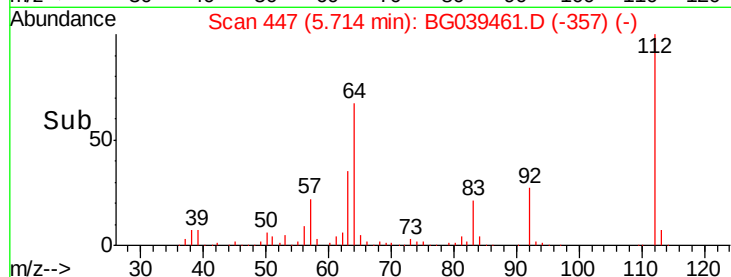
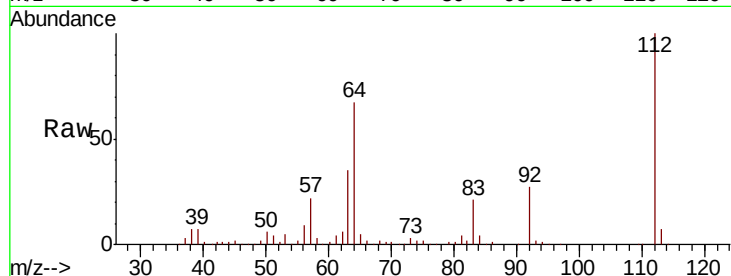
ClientSampleId :

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Tot Ion:	112	Resp:	487842
Ion Ratio	Lower	Upper	
112	100		
64	67.5	57.8	86.8
63	35.0	29.8	44.6

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#6

Aniline

Concen: 33.325 ng

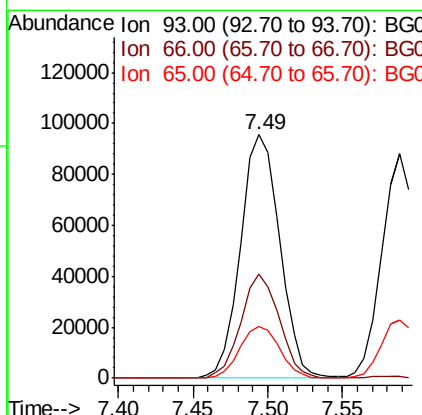
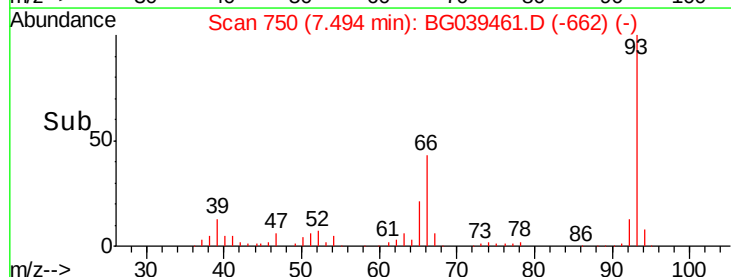
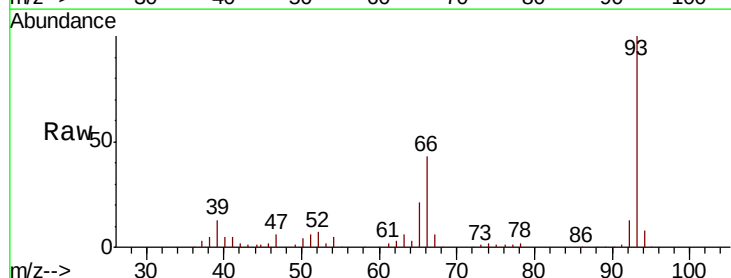
RT: 7.49 min Scan# 750

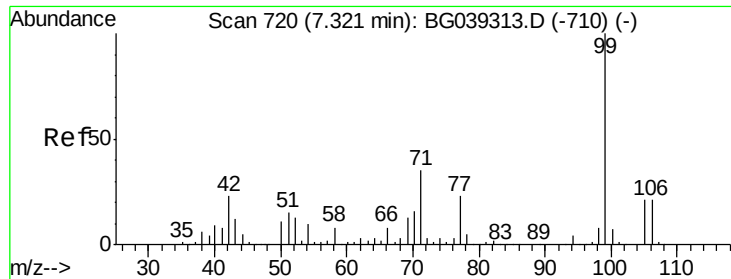
Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:	93	Resp:	173969
Ion Ratio	Lower	Upper	
93	100		
66	42.9	34.2	51.4
65	21.3	17.7	26.5





#7

Phenol-d6

Concen: 177.235 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

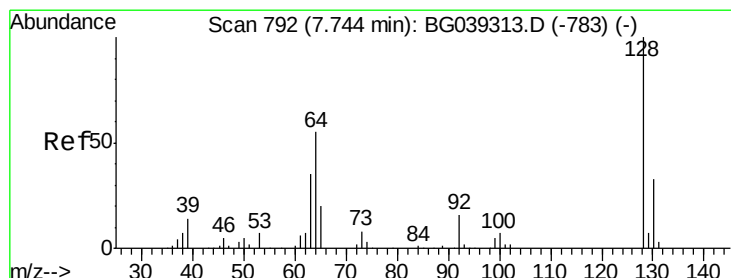
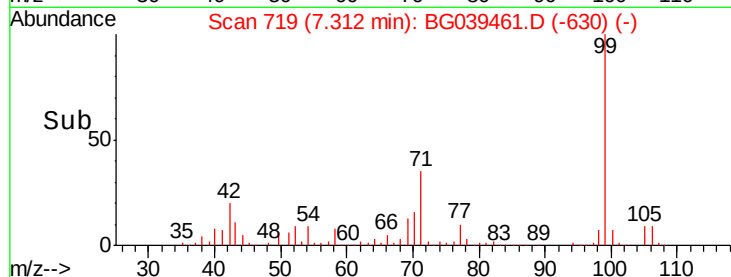
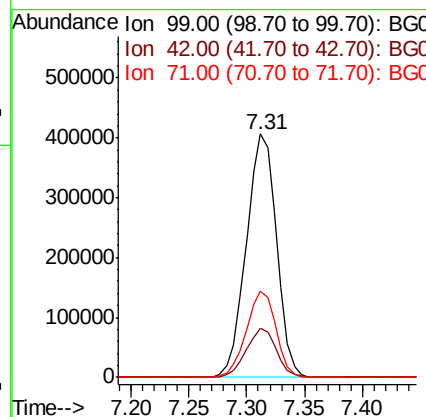
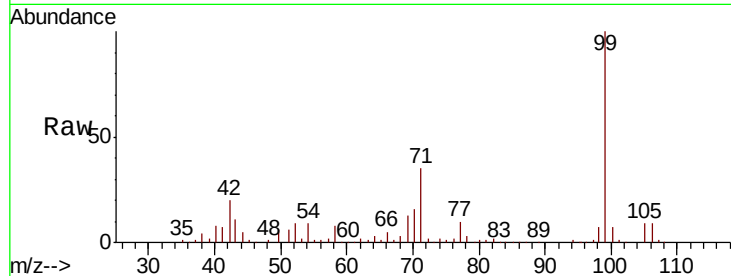
ClientSampled :

PB116987BS

Tot Ion:	99	Resp:	738661
Ion Ratio	Lower	Upper	
99	100		
42	20.0	18.2	27.2
71	35.2	28.0	42.0

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#8

2-Chlorophenol

Concen: 51.612 ng

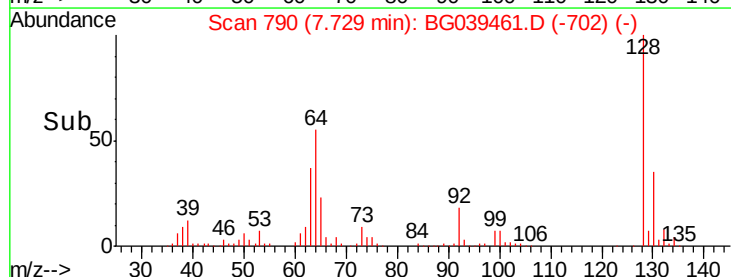
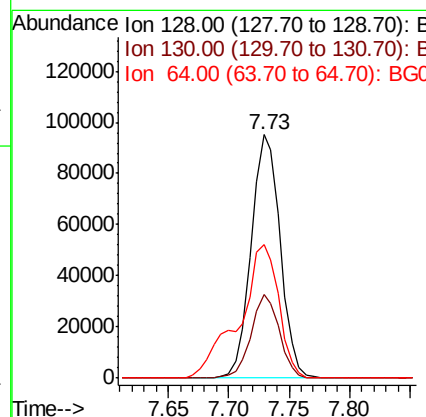
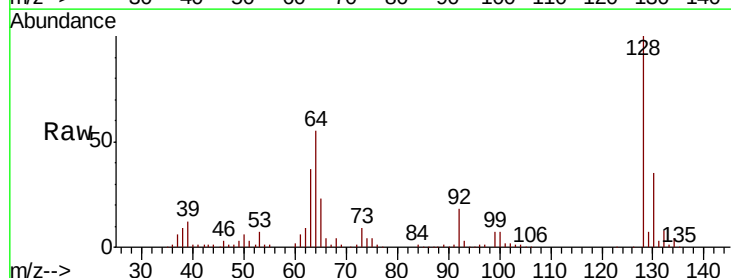
RT: 7.73 min Scan# 790

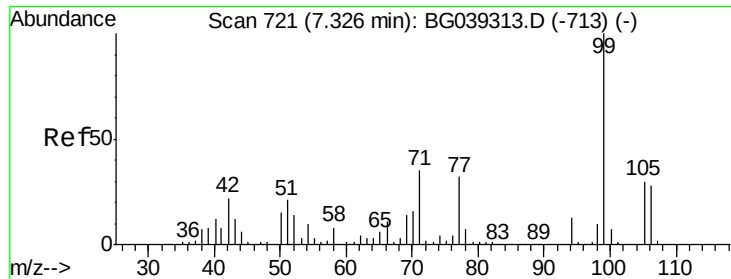
Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:	128	Resp:	159735
Ion Ratio	Lower	Upper	
128	100		
130	34.6	12.9	52.9
64	55.1	38.7	78.7





#9

Benzaldehyde

Concen: 35.308 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

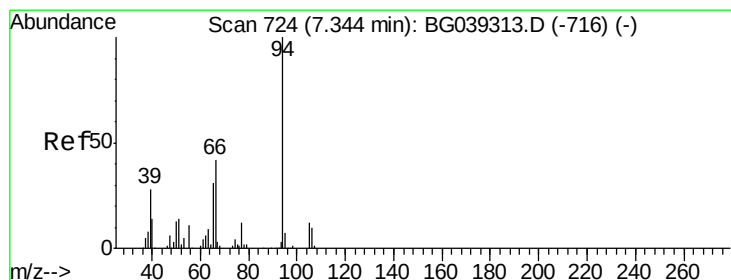
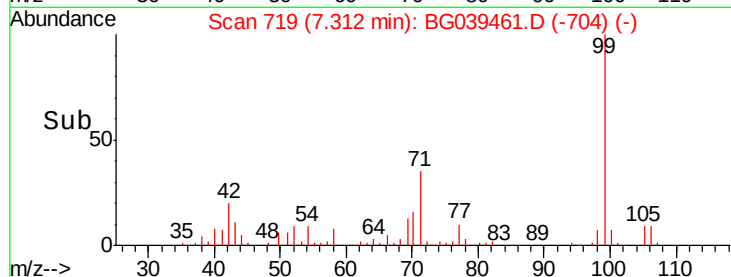
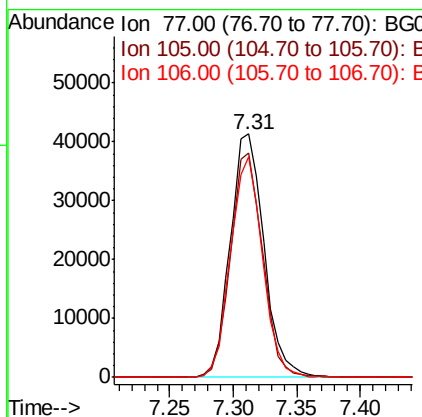
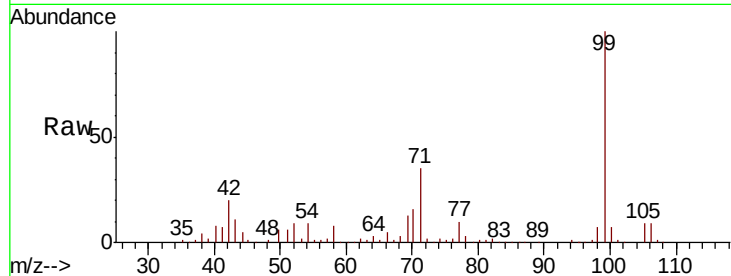
ClientSampled :

PB116987BS

Tot Ion:	77	Resp:	76006
Ion	Ratio	Lower	Upper
77	100		
105	92.4	74.5	114.5
106	90.8	68.0	108.0

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#10

Phenol

Concen: 51.909 ng

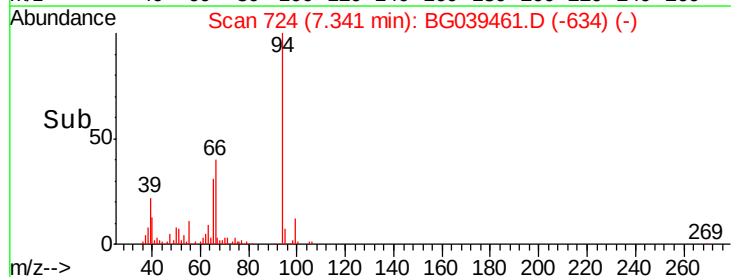
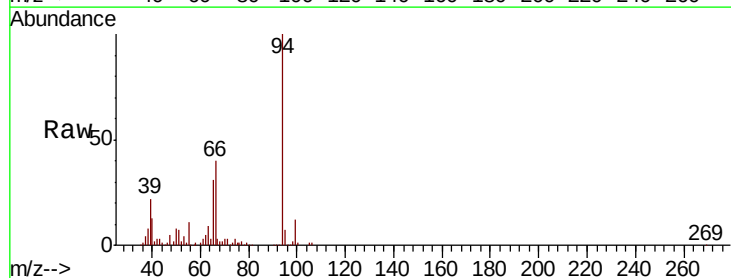
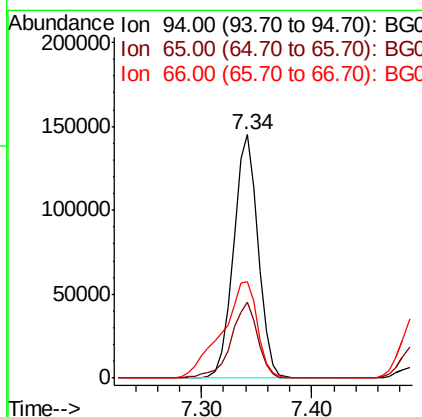
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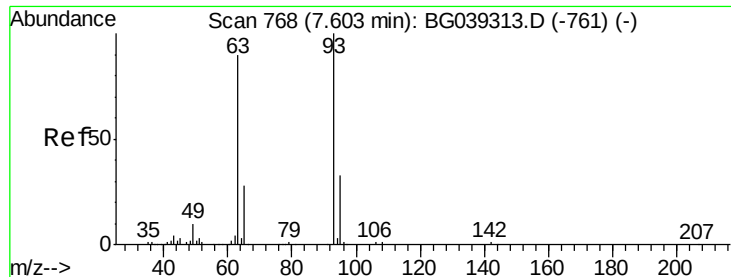
Delta R.T. -0.00 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:	94	Resp:	225519
Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.7	51.7
66	39.8	23.7	63.7





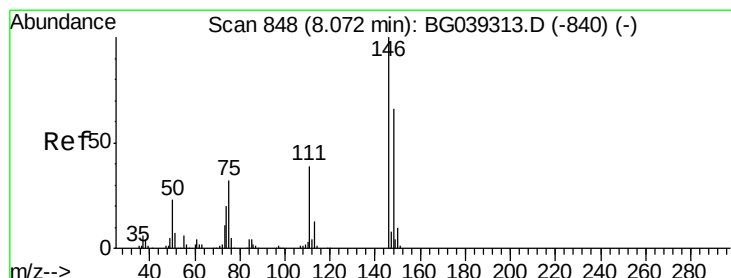
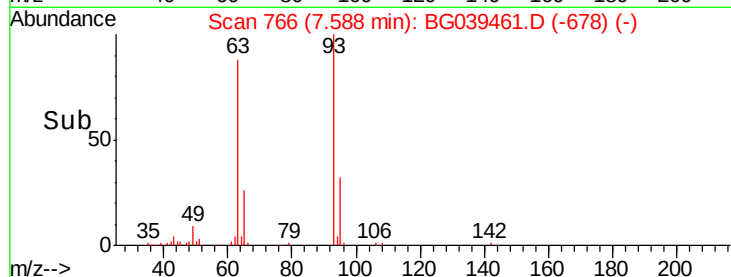
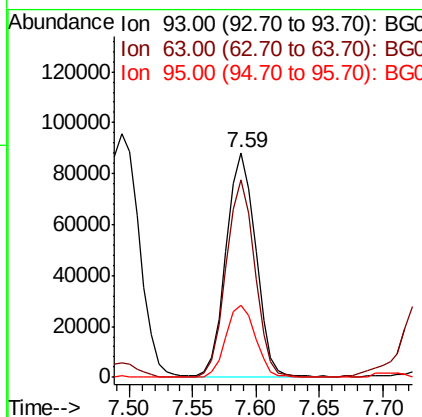
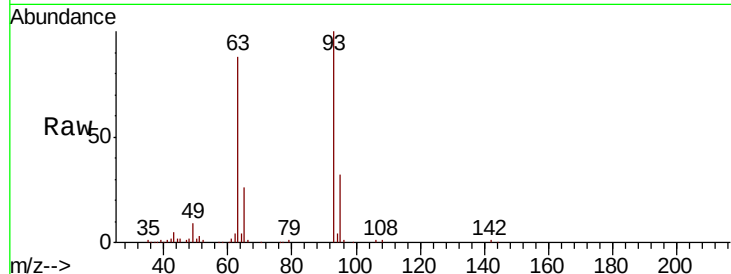
#11
bis(2-Chloroethyl)ether
Concen: 41.783 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	88.2	69.5	109.5	
95	32.3	12.7	52.7	

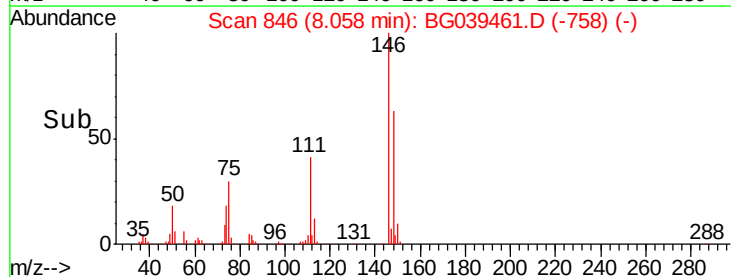
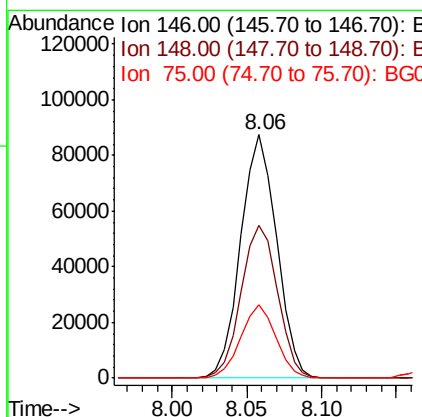
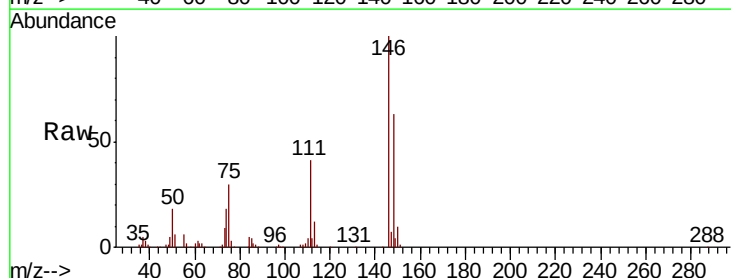
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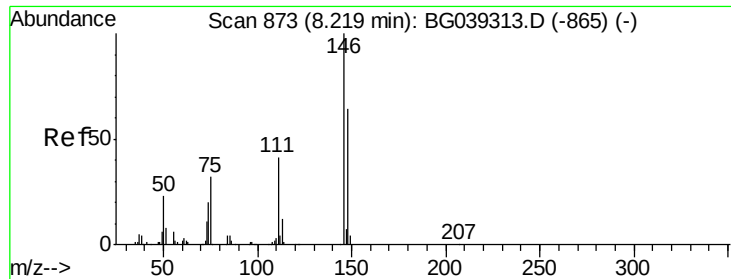
Sohil
2/13/2019 9:56:45 AM



#12
1,3-Dichlorobenzene
Concen: 38.907 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.6	52.6	79.0	
75	30.3	25.8	38.6	





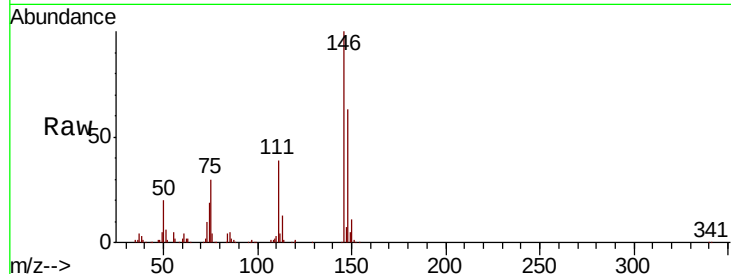
#13
 1,4-Dichlorobenzene
 Concen: 40.133 ng
 RT: 8.20 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Instrument :
 BNA_G
 ClientSampled :
 PB116987BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	38.6	32.6	48.8

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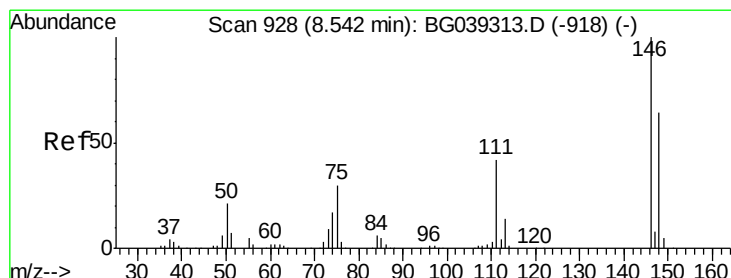
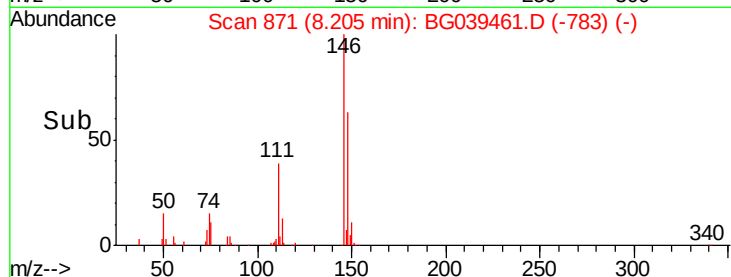
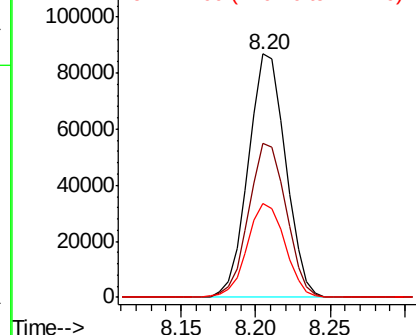


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.472 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

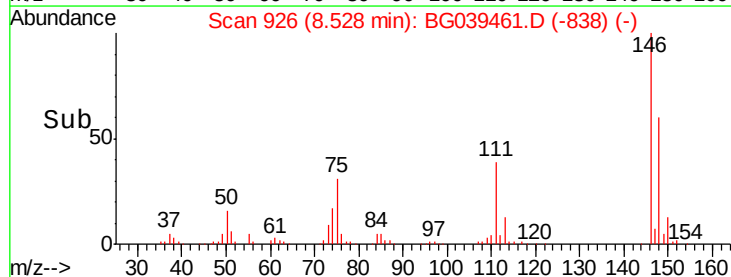
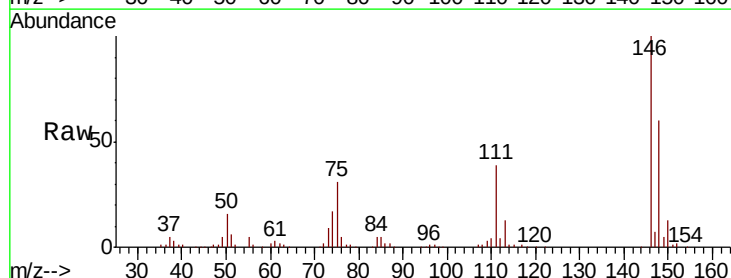
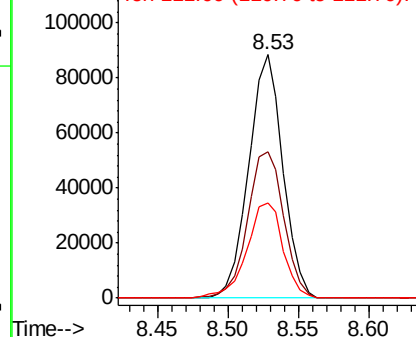
Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.2	51.5	77.3
111	39.3	33.8	50.6

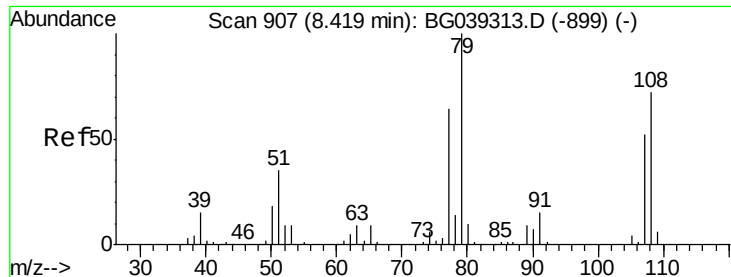
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.417 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

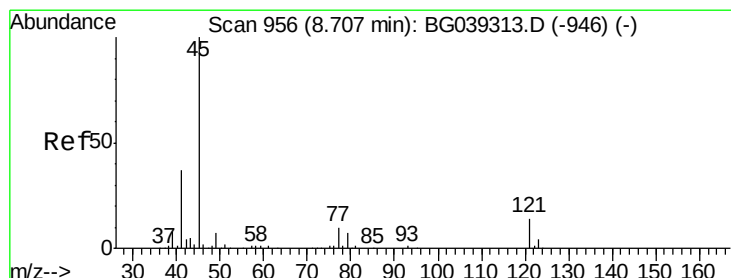
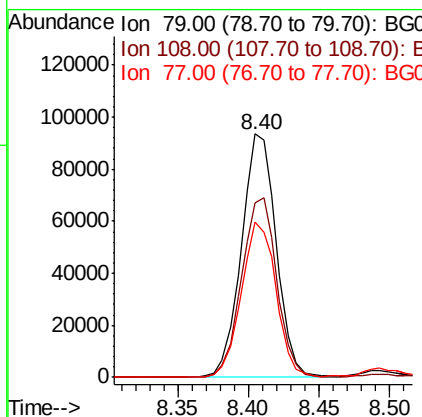
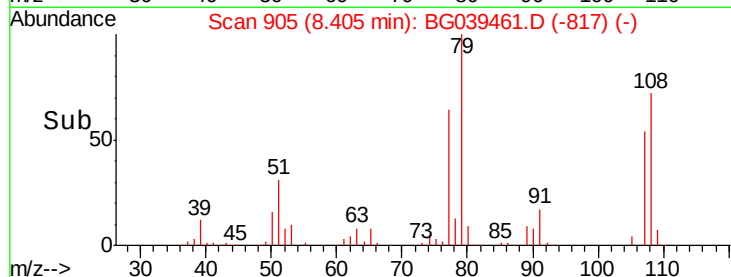
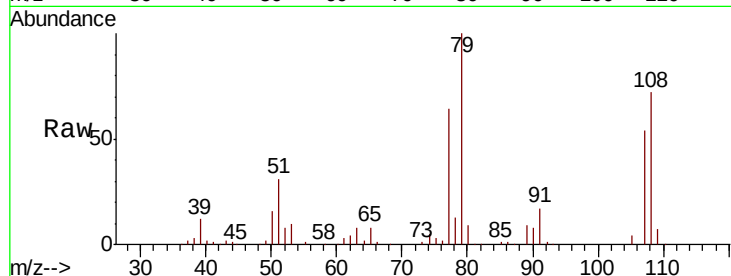
ClientSampleId :

PB116987BS

Tot Ion:	79	Resp:	161692
Ion Ratio	Lower	Upper	
79	100		
108	71.9	57.8	86.6
77	63.6	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.931 ng

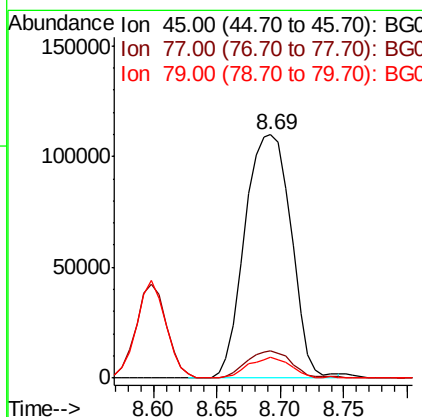
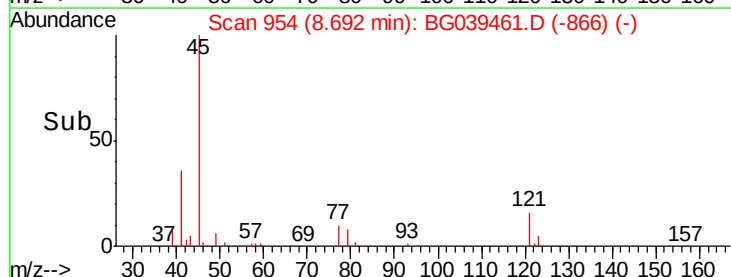
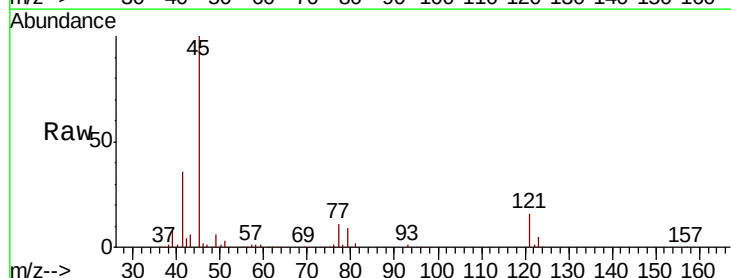
RT: 8.69 min Scan# 954

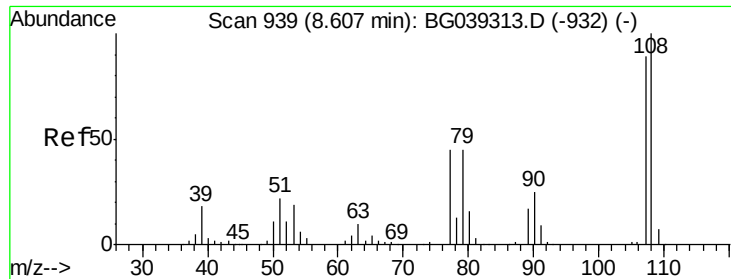
Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:	45	Resp:	278551
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	30.0
79	8.5	0.0	27.5





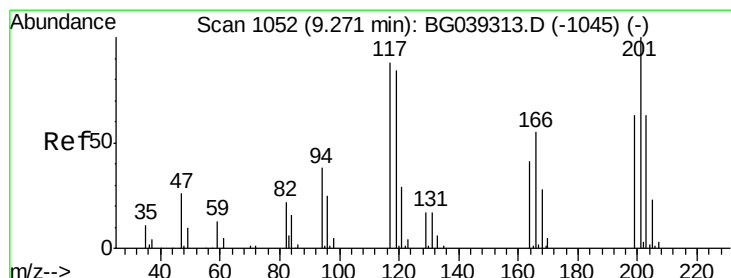
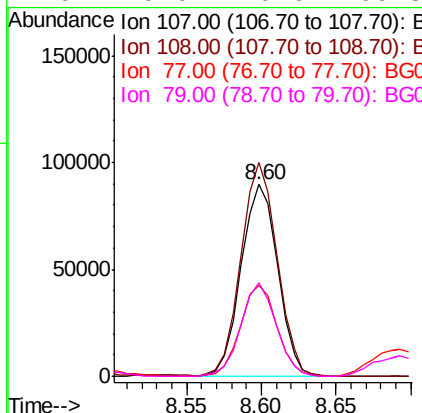
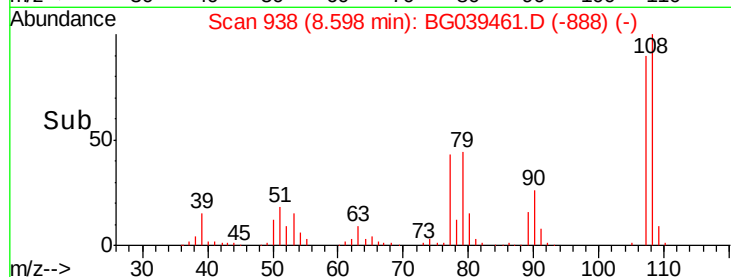
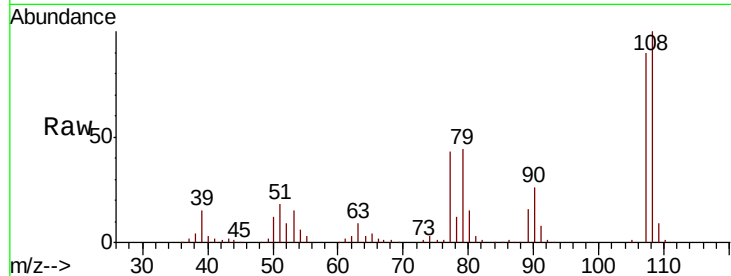
#17
2-Methylphenol
Concen: 54.205 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	90.8	136.2	
77	47.4	40.7	61.1	
79	49.0	40.6	60.8	

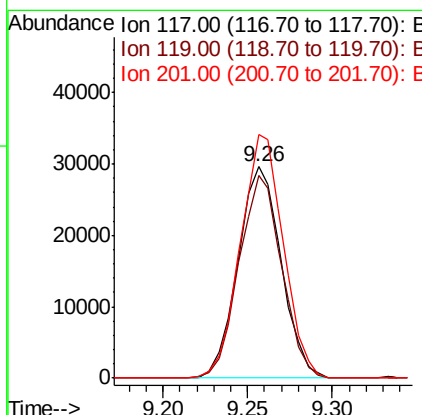
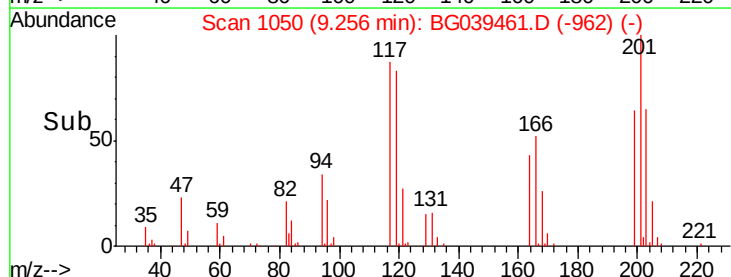
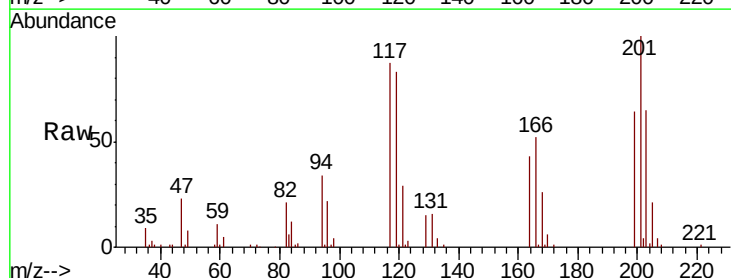
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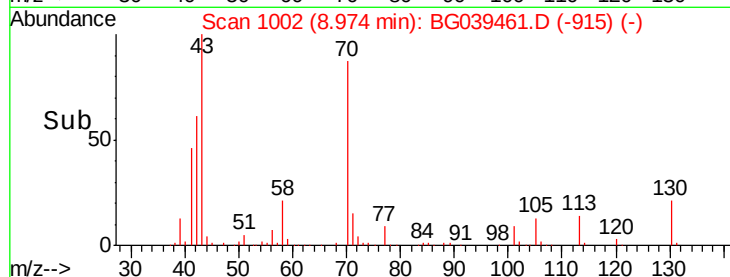
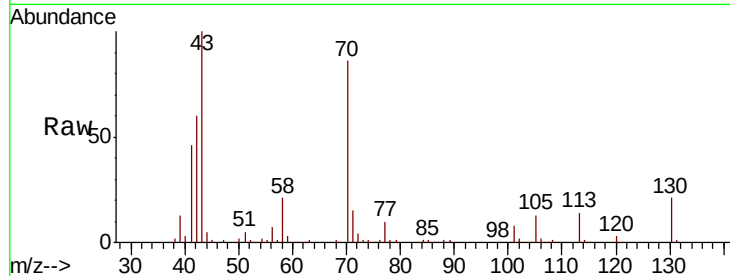
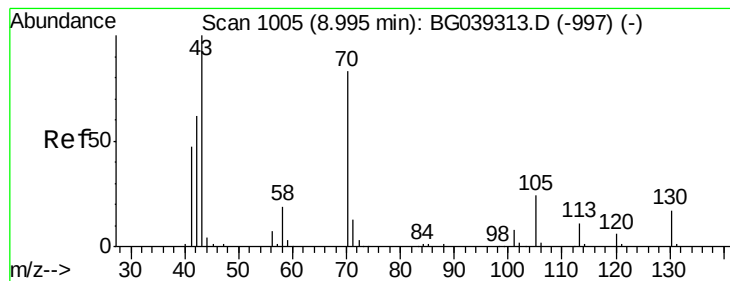
Sohil
2/13/2019 9:56:45 AM



#18
Hexachloroethane
Concen: 40.655 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	76.3	114.5	
201	115.1	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 44.175 ng

RT: 8.97 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tot Ion:	70	Resp:	130673
Ion Ratio	Lower	Upper	
70	100		
42	69.9	60.4	90.6
101	9.9	7.5	11.3
130	23.9	16.9	25.3

Instrument :

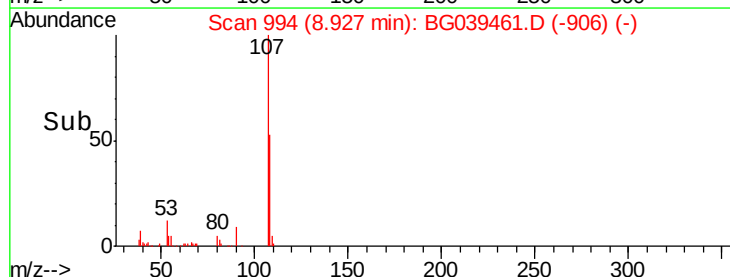
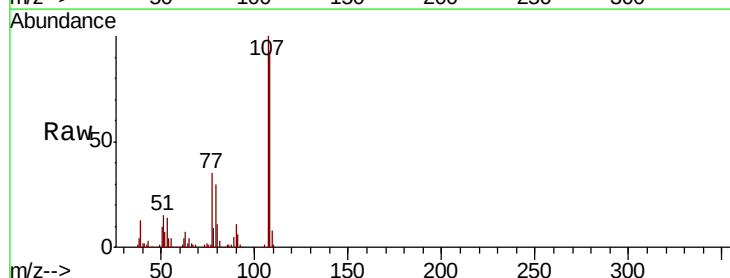
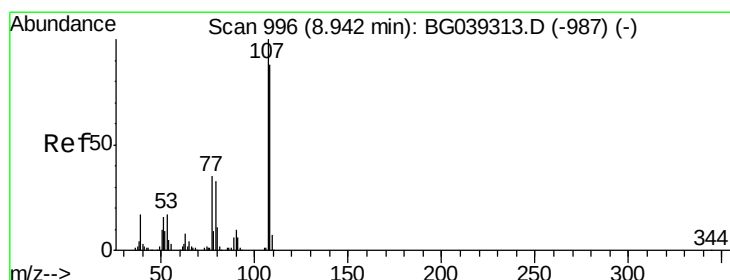
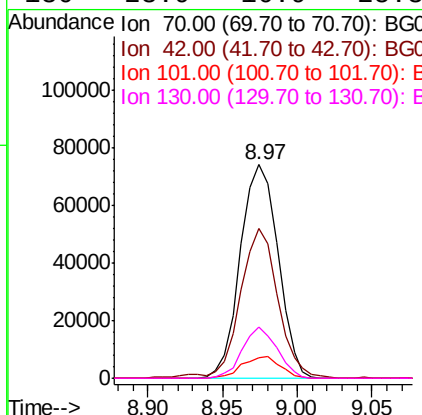
BNA_G

ClientSampleId :

PB116987BS

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#20

3+4-Methylphenols

Concen: 54.421 ng

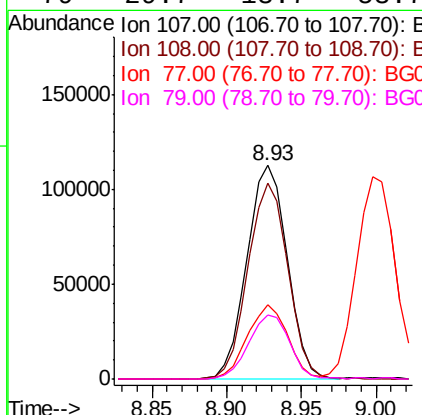
RT: 8.93 min Scan# 994

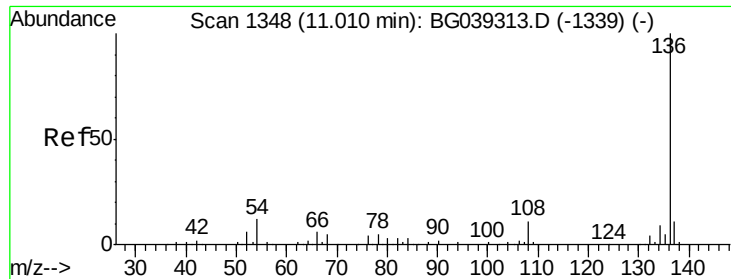
Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:	107	Resp:	210693
Ion Ratio	Lower	Upper	
107	100		
108	91.9	67.9	107.9
77	34.8	15.4	55.4
79	29.7	13.7	53.7





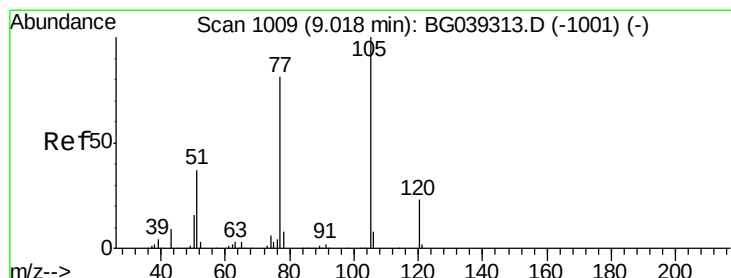
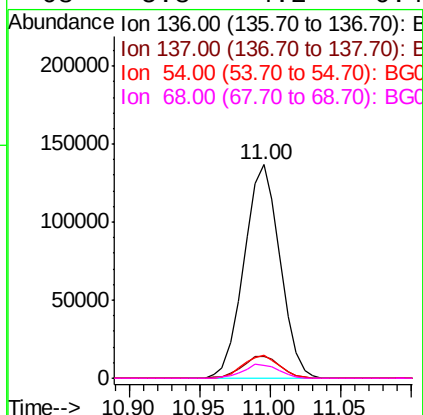
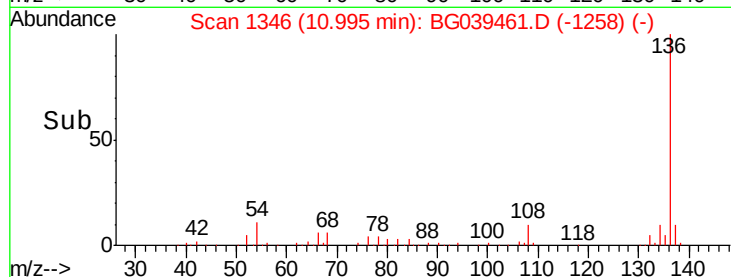
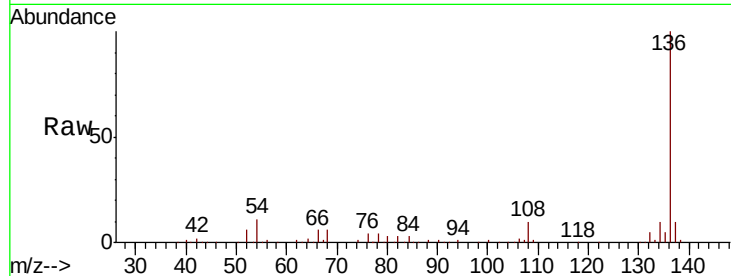
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	243822		
137	10.1		9.1	13.7
54	10.5		9.4	14.2
68	5.8		4.2	6.4

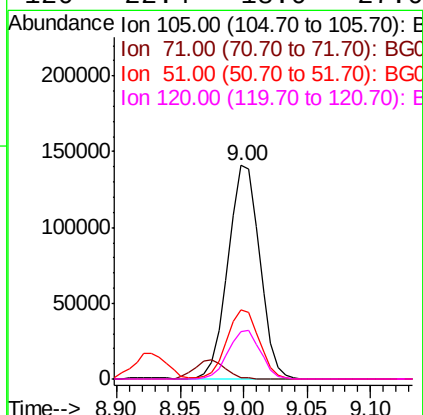
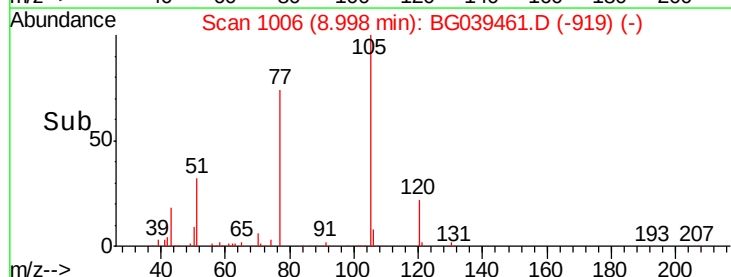
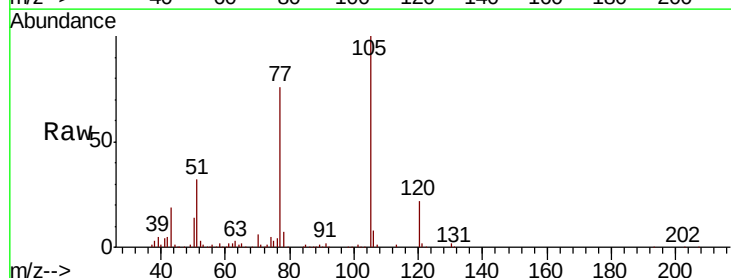
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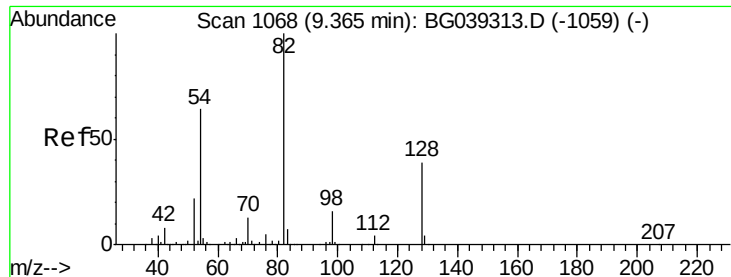
Sohil
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#22
Acetophenone
Concen: 37.221 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	243778		
71	0.8		0.8	1.2#
51	32.5		30.2	45.2
120	22.4		18.0	27.0





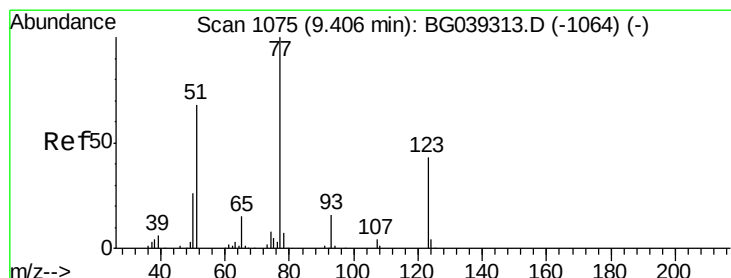
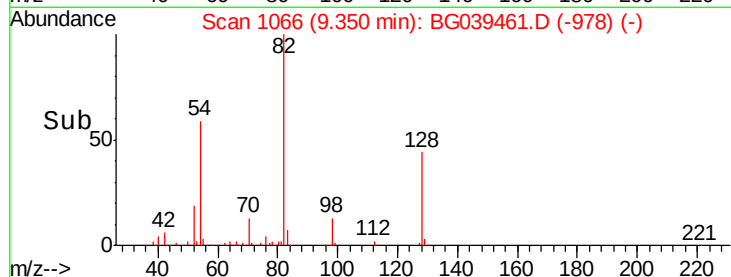
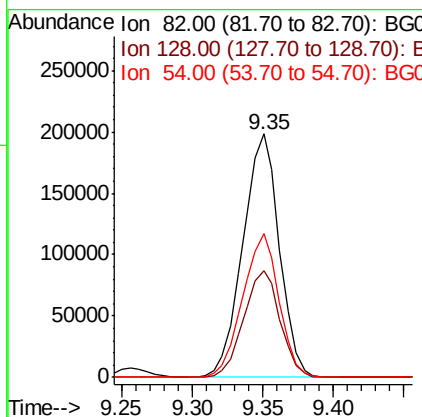
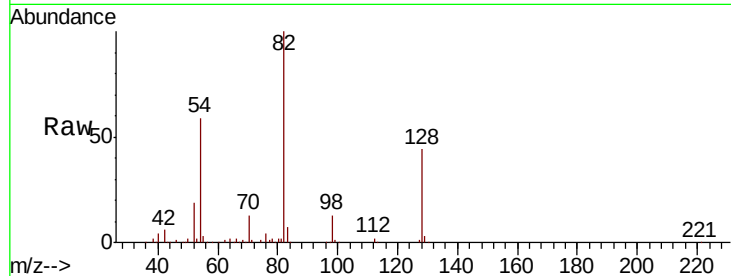
#23
 Nitrobenzene-d5
 Concen: 92.033 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Instrument :
 BNA_G
 ClientSampled :
 PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.6	31.3	46.9	
54	59.0	50.9	76.3	

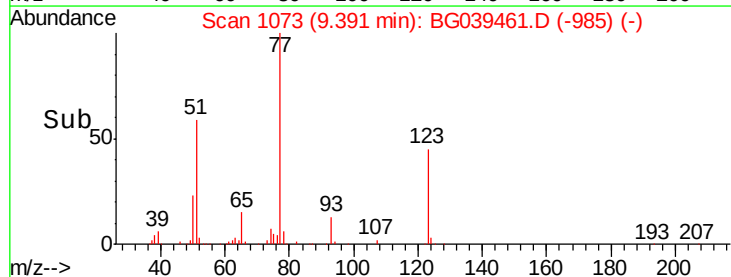
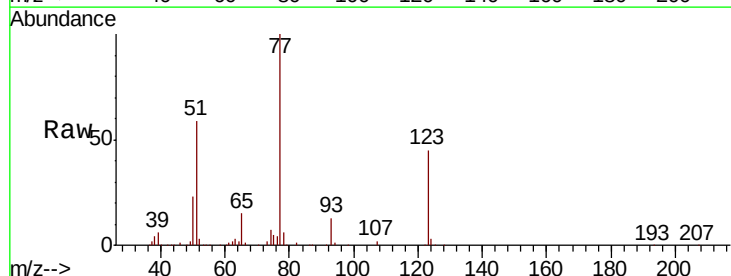
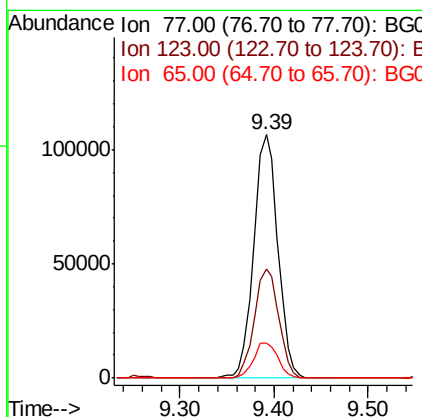
Manual Integrations
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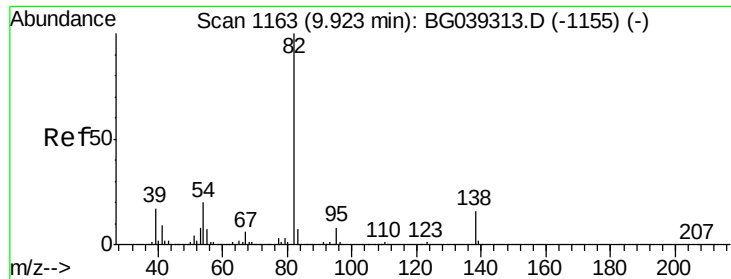
Sohil
 2/13/2019 9:56:45 AM



#24
 Nitrobenzene
 Concen: 44.882 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.0	34.1	51.1	
65	14.6	12.3	18.5	





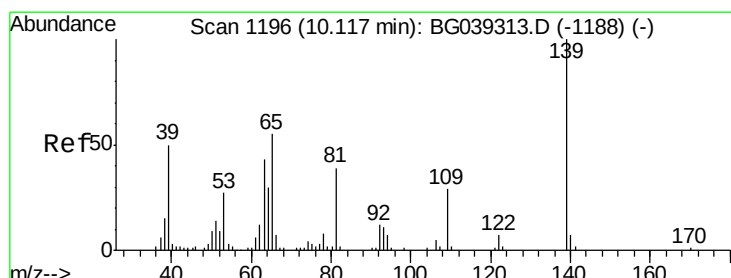
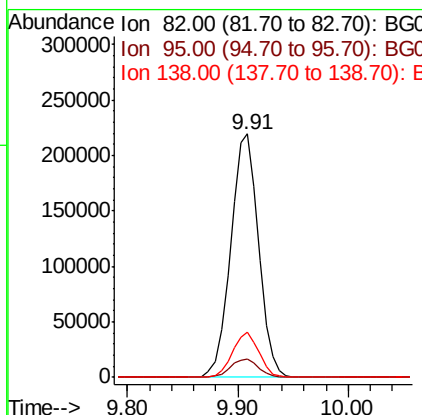
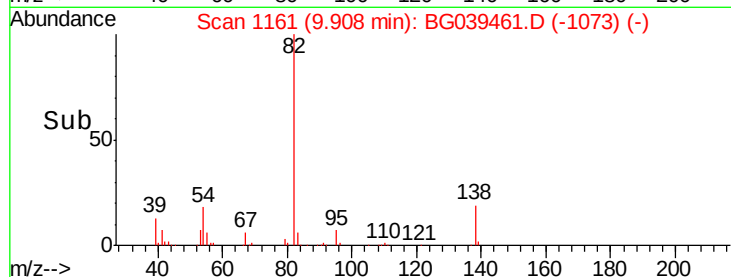
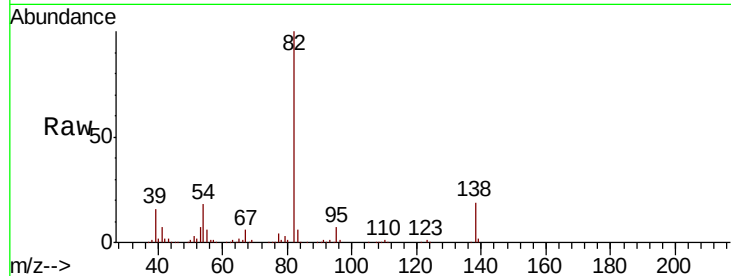
#25
Isophorone
Concen: 44.647 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	386147		
95	7.4	6.2	9.2	
138	18.6	13.0	19.4	

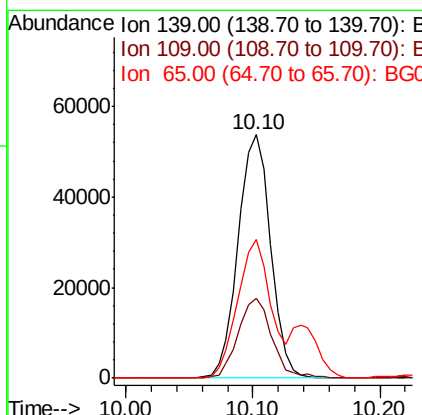
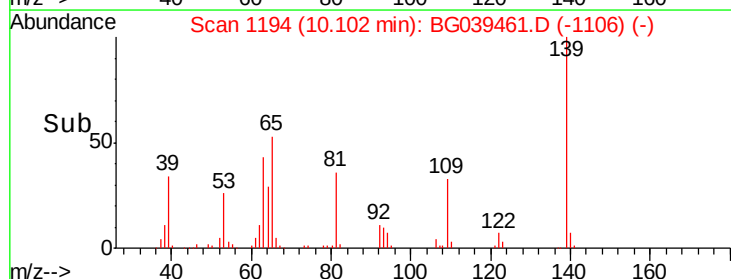
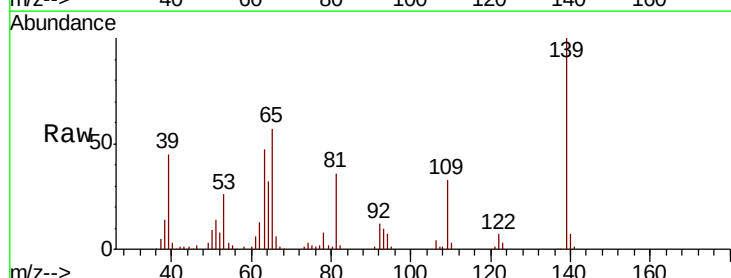
Manual Integrations
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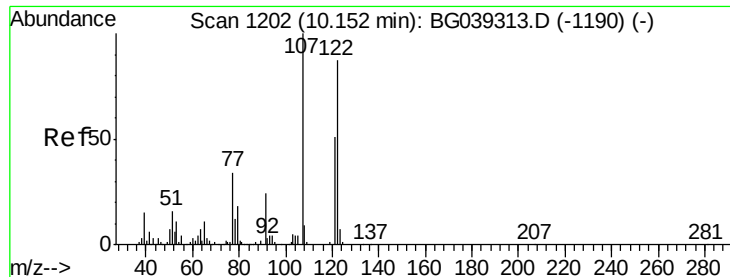
Sohil
2/13/2019 9:56:45 AM



#26
2-Nitrophenol
Concen: 55.213 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	95664		
109	32.9	23.4	35.0	
65	57.0	44.3	66.5	





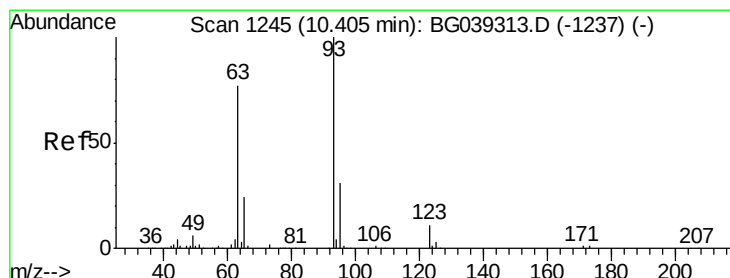
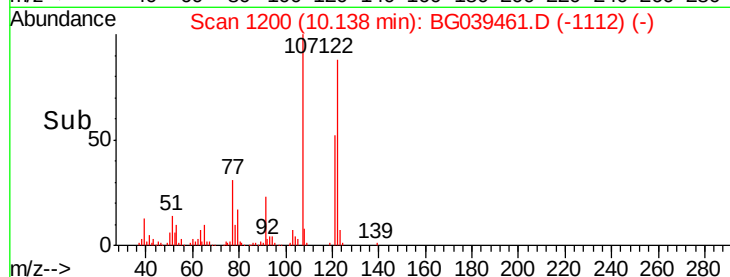
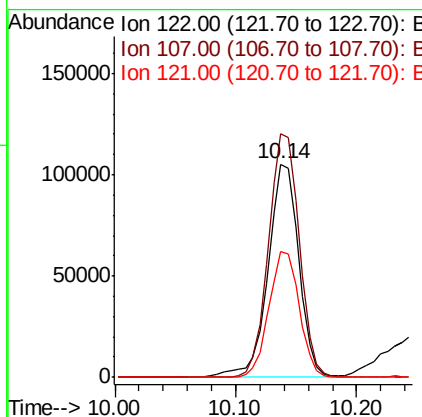
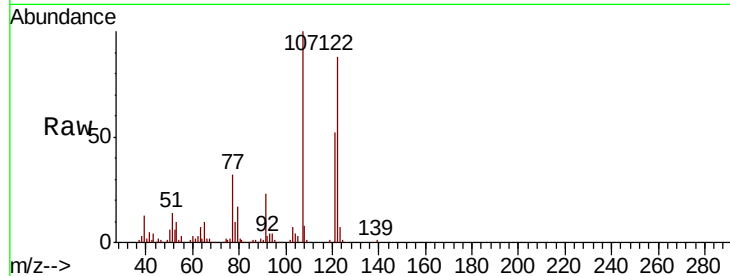
#27
2,4-Dimethylphenol
Concen: 52.684 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	114.2	91.7	137.5	
121	59.1	46.4	69.6	

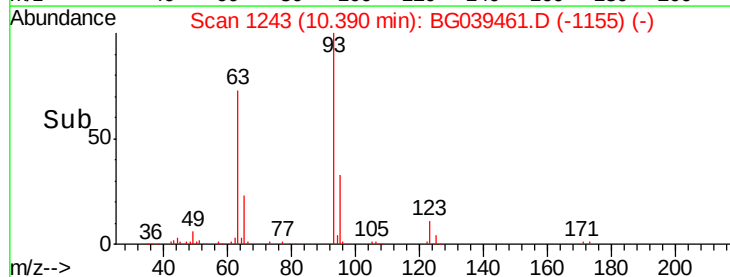
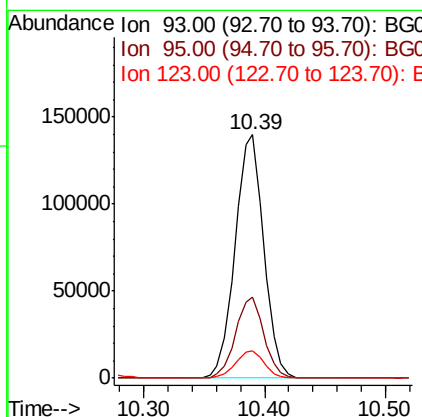
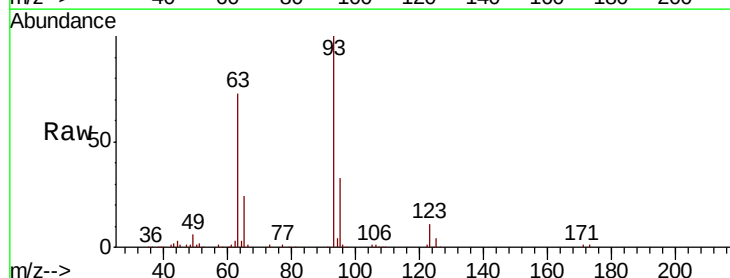
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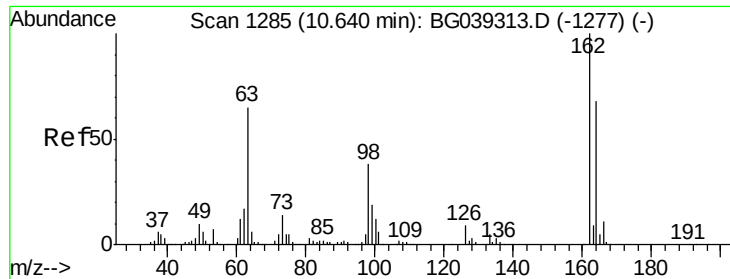
Sohil
2/13/2019 9:56:45 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.409 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.1	25.0	37.4	
123	11.3	8.6	12.8	





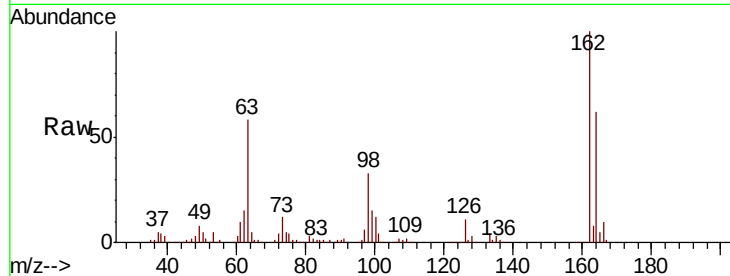
#29
2,4-Dichlorophenol
Concen: 51.756 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampled :
PB116987BS

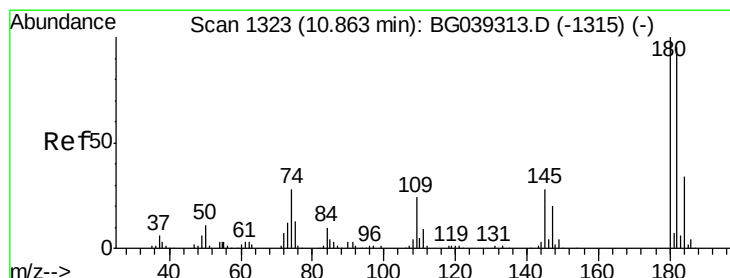
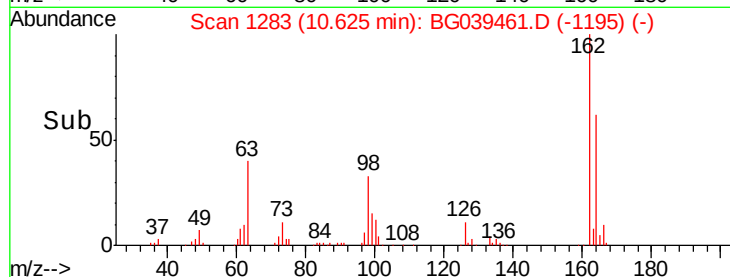
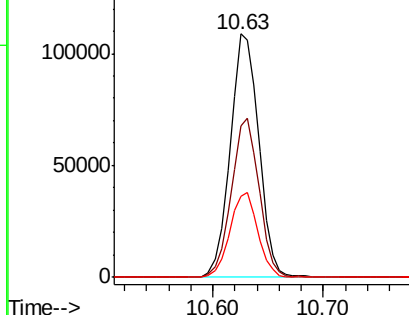
Tot Ion	Ratio	Resp	Lower	Upper
162	100	197905		
164	62.3	48.1	88.1	
98	33.4	18.1	58.1	

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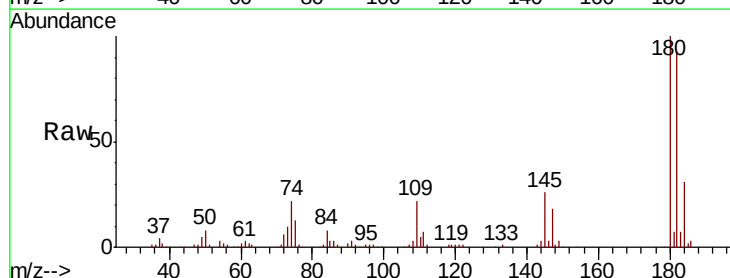


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

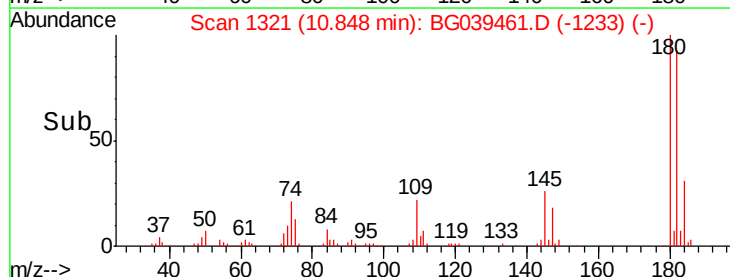
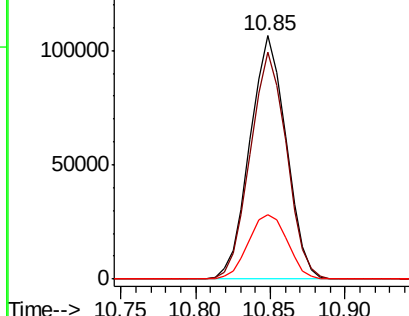


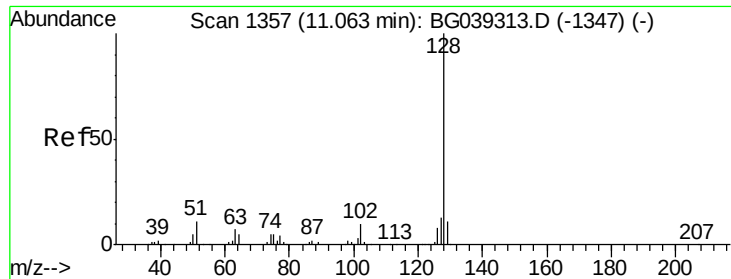
#30
1,2,4-Trichlorobenzene
Concen: 41.752 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	179243		
182	93.0	76.0	114.0	
145	26.5	22.7	34.1	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





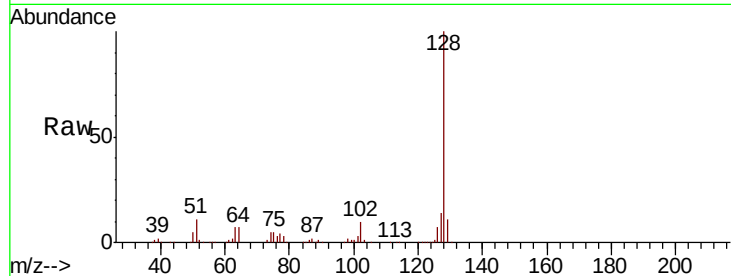
#31
Naphthalene
Concen: 42.894 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	518841		
129	10.5		8.7	13.1
127	14.0		10.8	16.2

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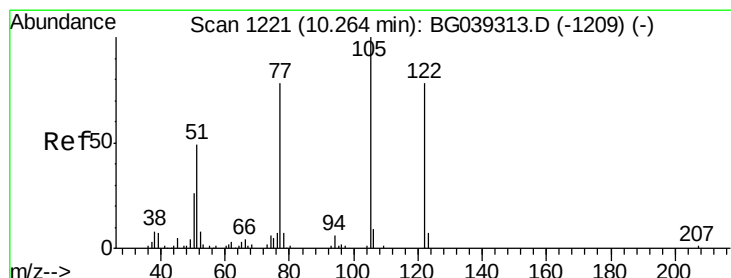
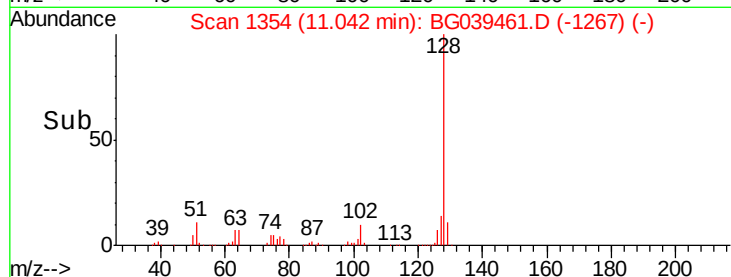
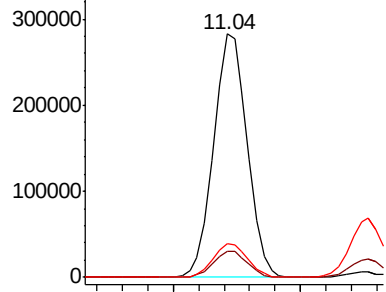


Abundance

Ion 128.00 (127.70 to 128.70): E

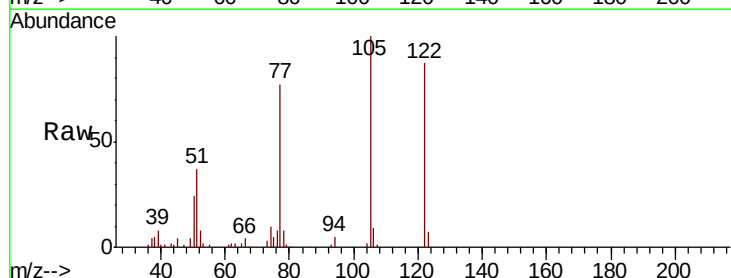
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 47.778 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	109342		
105	114.3		101.8	141.8
77	88.3		76.3	116.3

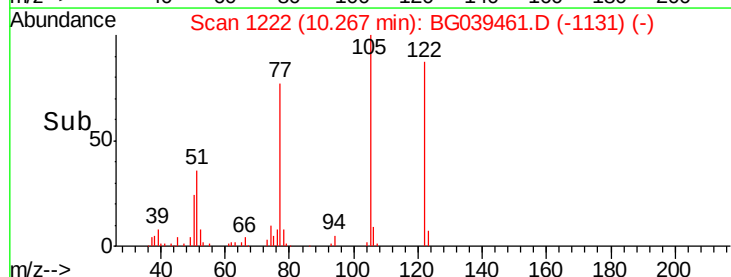
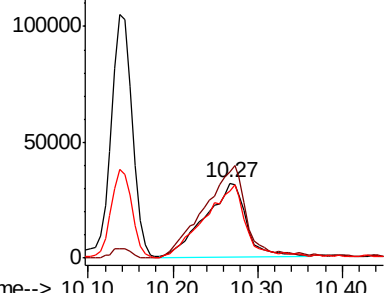


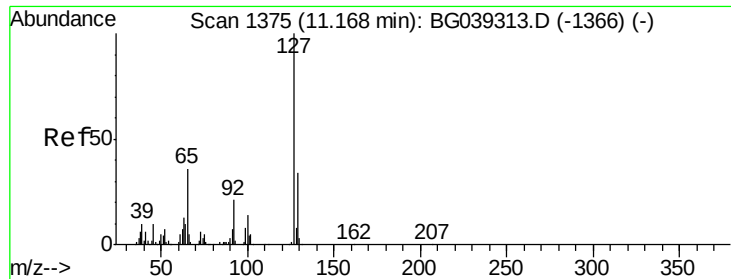
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





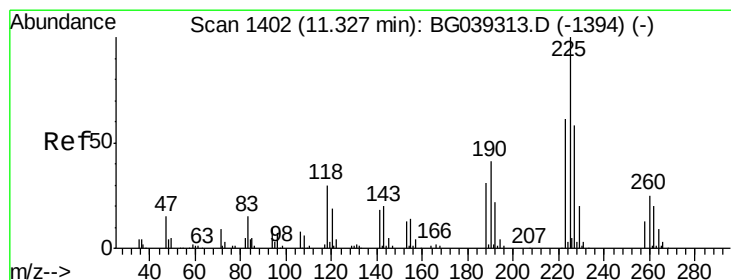
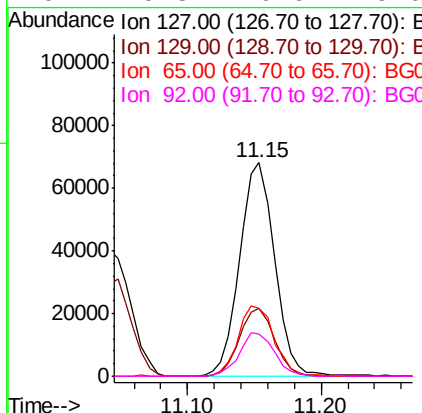
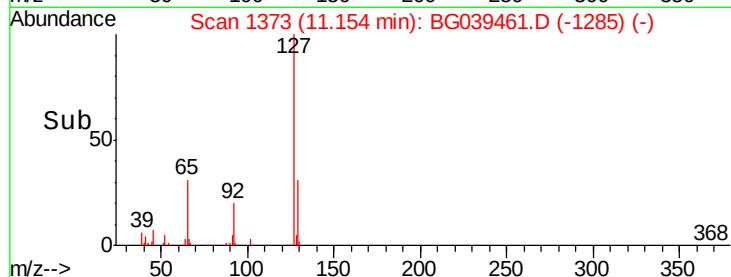
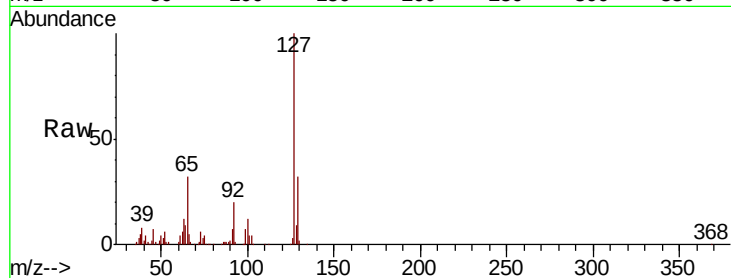
#33
4-Chloroaniline
Concen: 22.100 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	27.0	40.4		
65	31.7	28.8	43.2		
92	19.8	16.6	25.0		

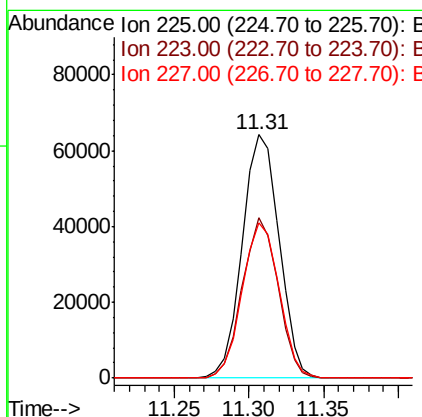
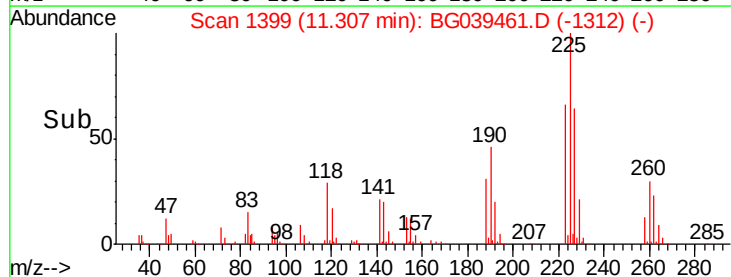
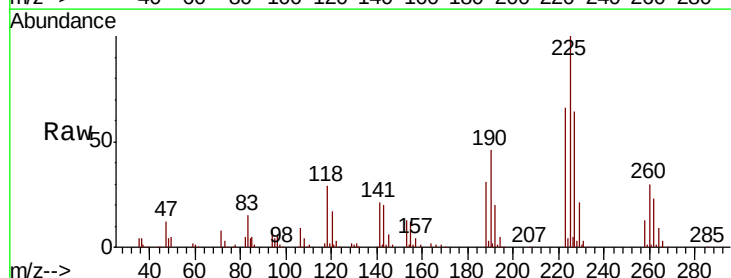
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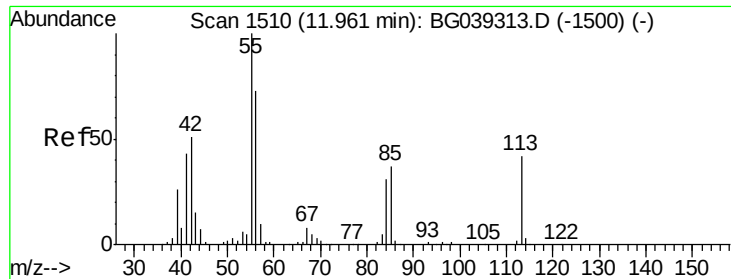
Sohil
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#34
Hexachlorobutadiene
Concen: 38.469 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.9	49.0	73.6		
227	63.6	46.3	69.5		





#35

Caprolactam

Concen: 45.015 ng/mL

RT: 11.94 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampleID :

PB116987BS

Tot Ion:113 Resp: 71229

Ion Ratio Lower Upper

113 100

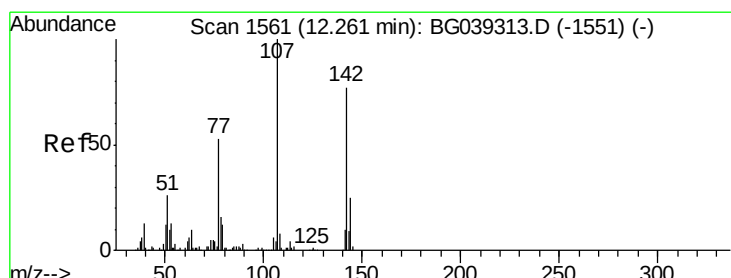
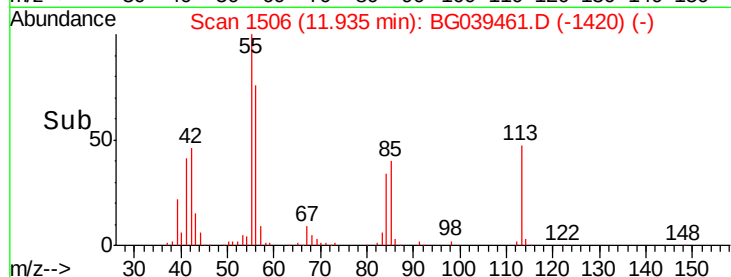
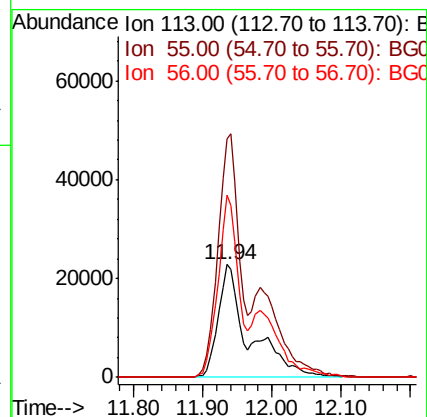
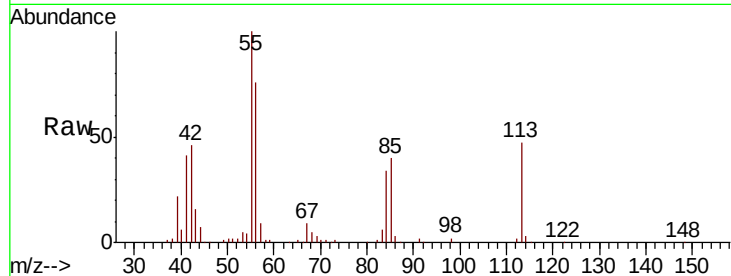
55 210.9 216.9 256.9#

56 161.0 152.6 192.6

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#36

4-Chloro-3-methylphenol

Concen: 49.576 ng/mL

RT: 12.25 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

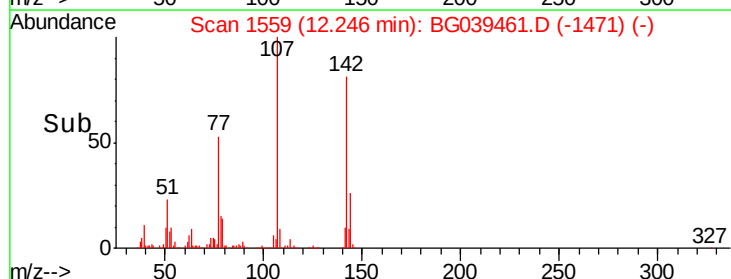
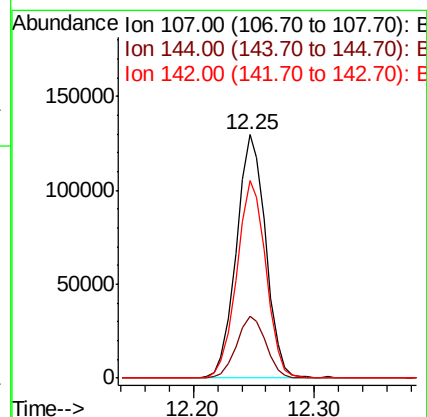
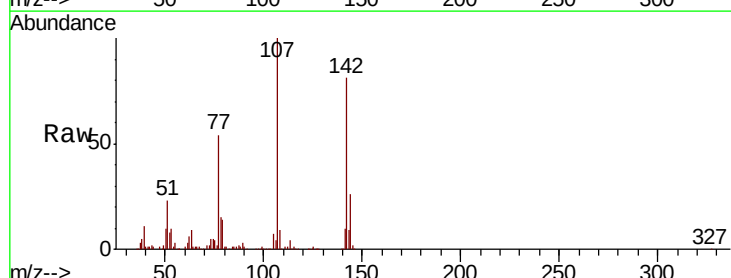
Tgt Ion:107 Resp: 219238

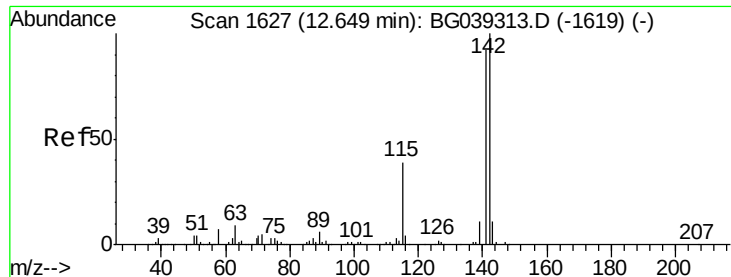
Ion Ratio Lower Upper

107 100

144 25.5 20.2 30.2

142 81.1 61.4 92.2





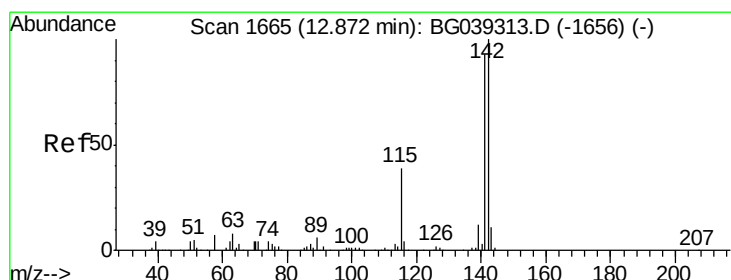
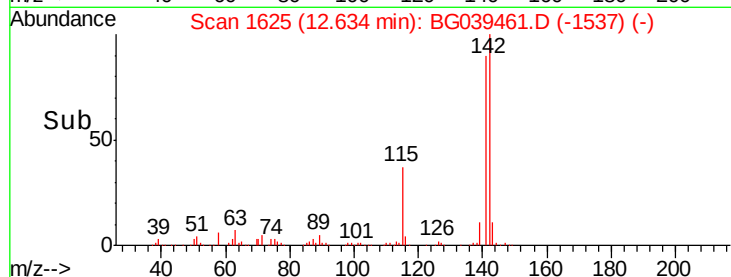
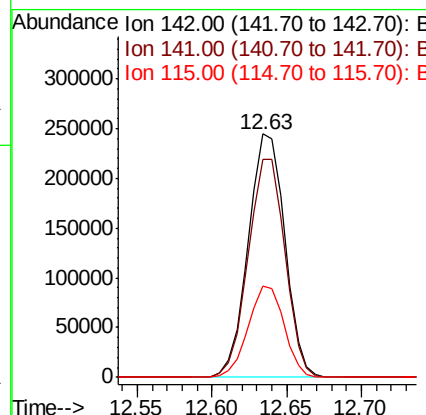
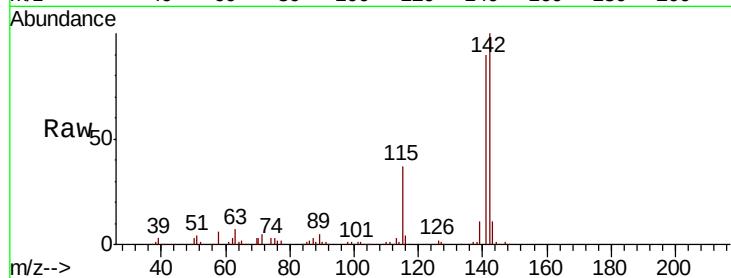
#37
2-Methylnaphthalene
Concen: 46.282 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.5	110.3
115	37.3	30.8	46.2

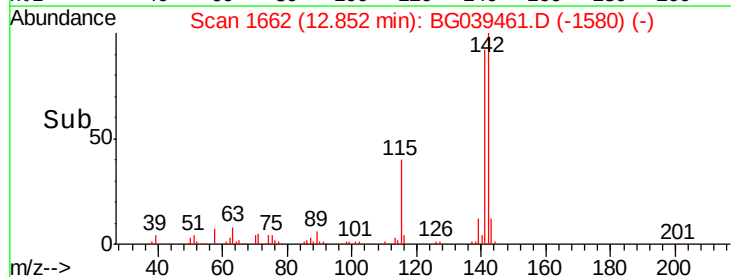
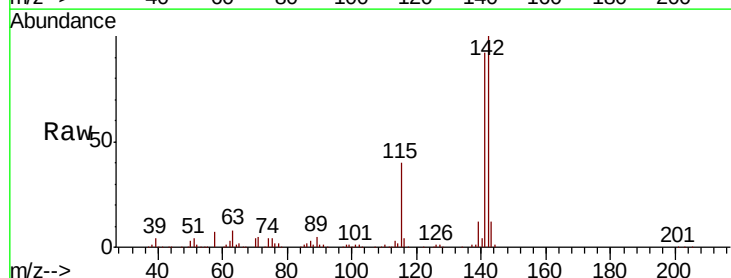
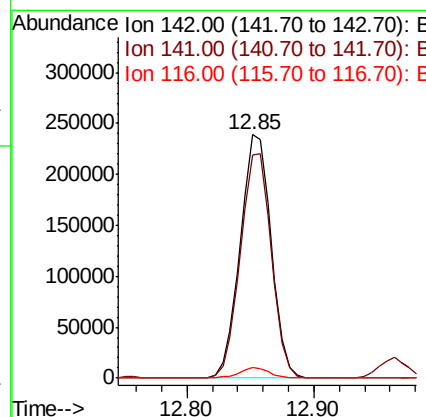
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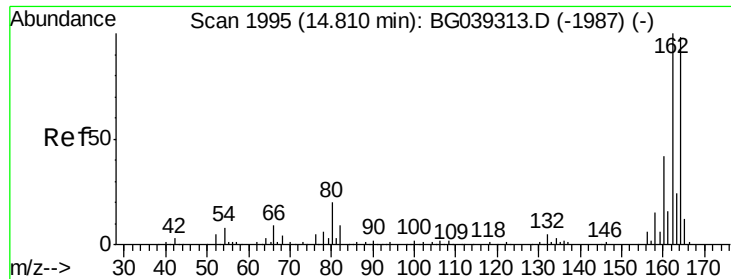
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#38
1-Methylnaphthalene
Concen: 46.593 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.2	111.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

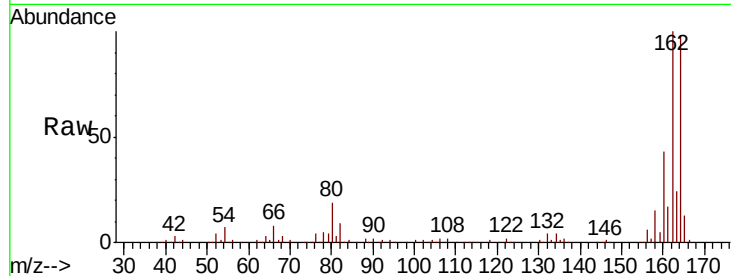
ClientSampleId :

PB116987BS

Tot Ion:	164	Resp:	185803
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.6	122.4
160	43.7	34.2	51.2

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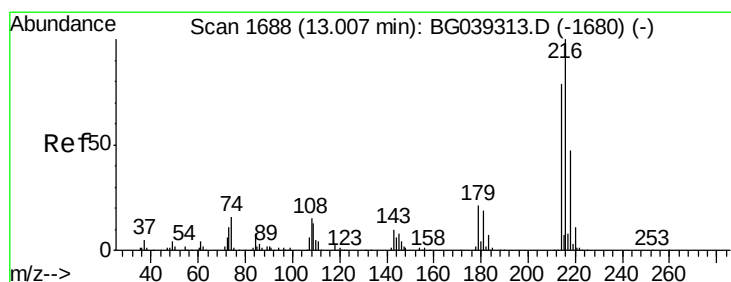
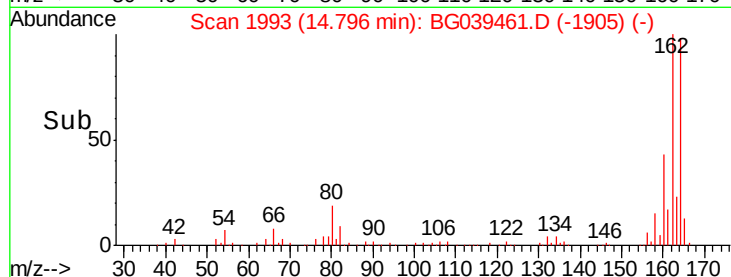
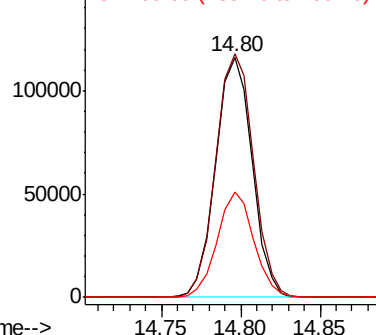


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.299 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:	216	Resp:	232326
Ion Ratio	Lower	Upper	
216	100		
214	79.5	62.6	94.0
179	20.0	16.6	25.0
108	17.7	14.0	21.0

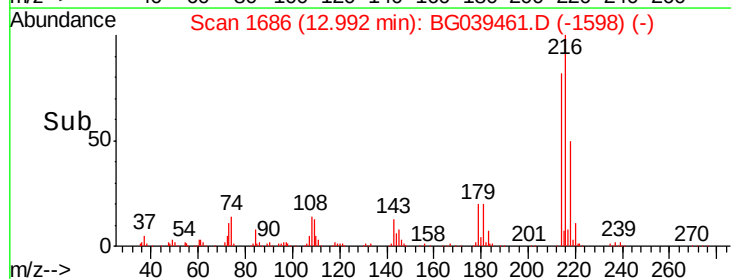
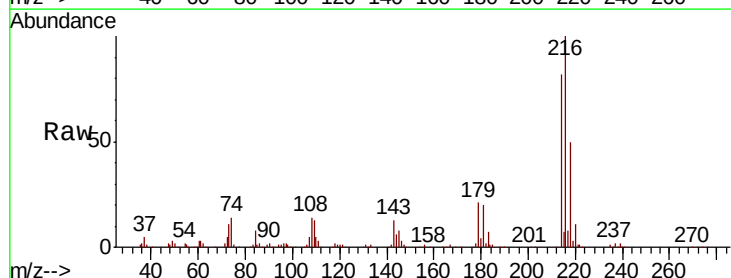
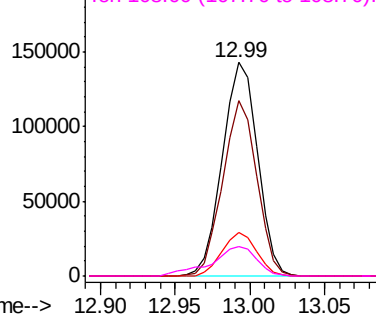
Abundance

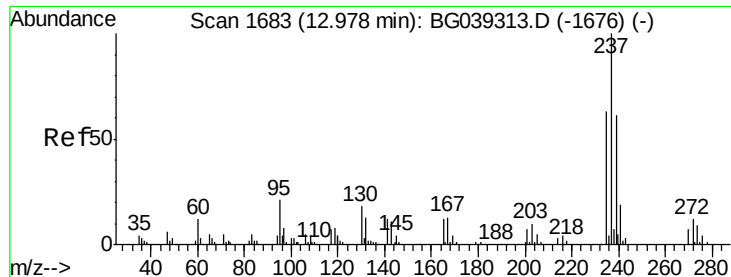
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.987 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

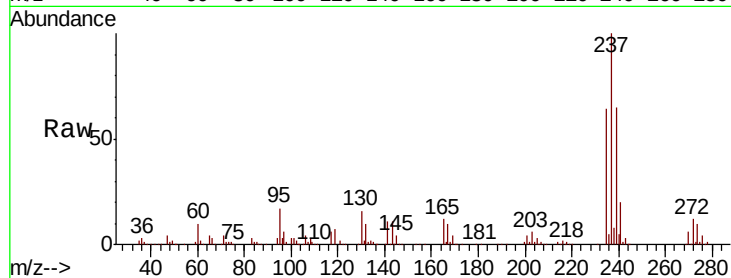
ClientSampleId :

PB116987BS

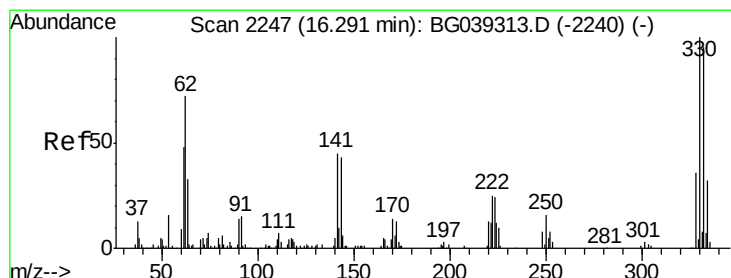
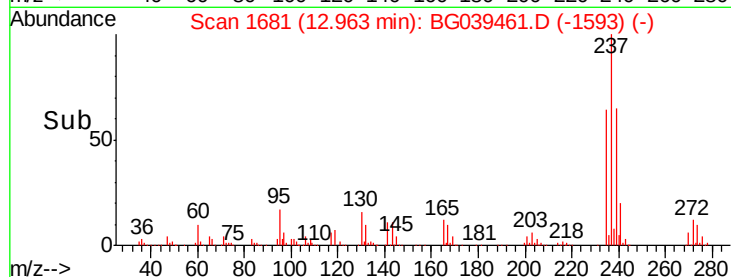
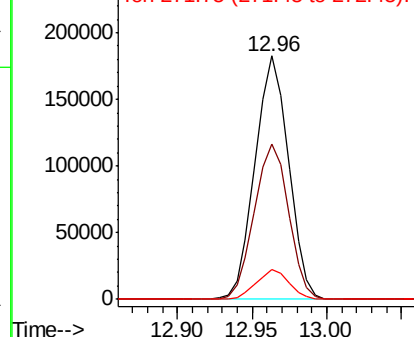
Tot Ion:	237	Resp:	283441
Ion Ratio	Lower	Upper	
237	100		
235	63.9	43.3	83.3
272	12.2	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 164.498 ng

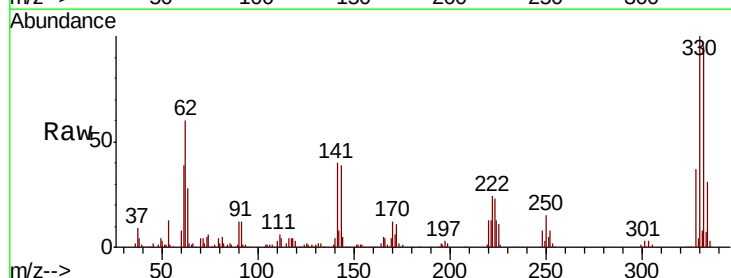
RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

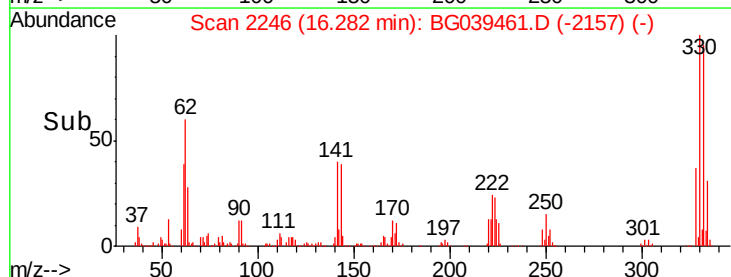
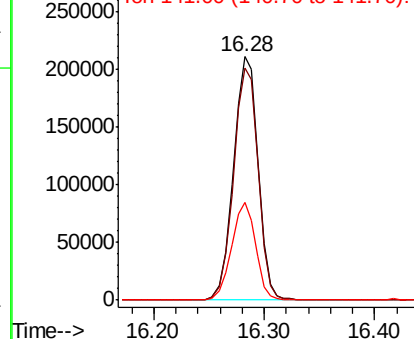
Lab File: BG039461.D

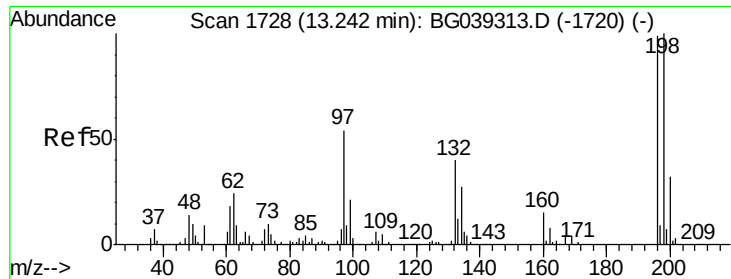
Acq: 12 Feb 2019 13:13

Tgt Ion:	330	Resp:	329125
Ion Ratio	Lower	Upper	
330	100		
332	95.8	75.7	113.5
141	39.3	35.6	53.4



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





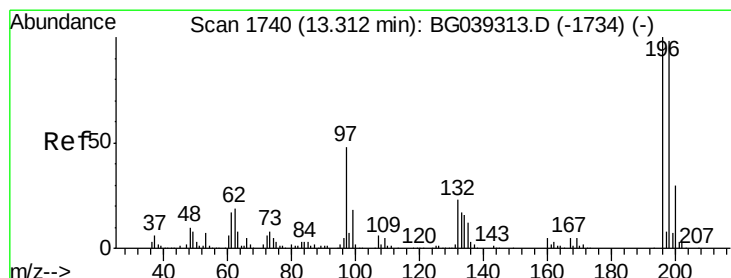
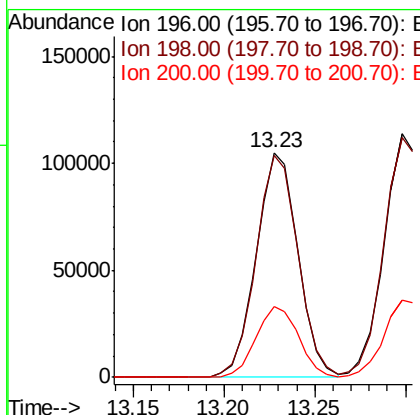
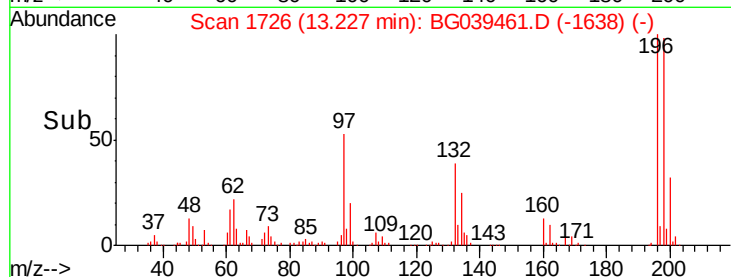
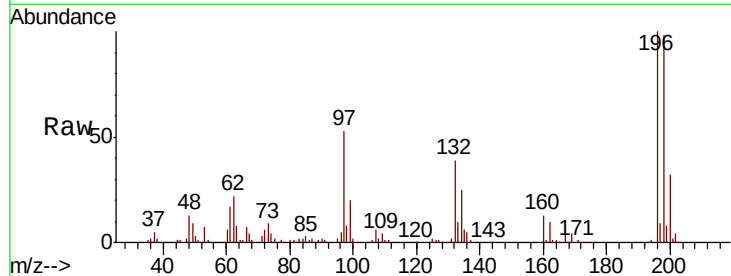
#43
 2,4,6-Trichlorophenol
 Concen: 46.186 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	167880		
198	98.5	80.6	121.0	
200	31.8	26.1	39.1	

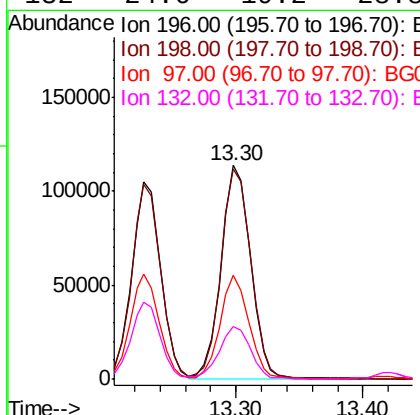
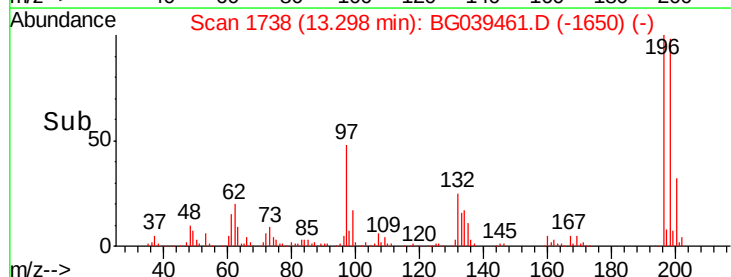
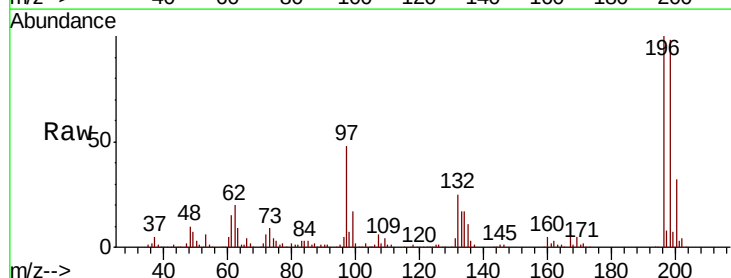
Manual Integrations
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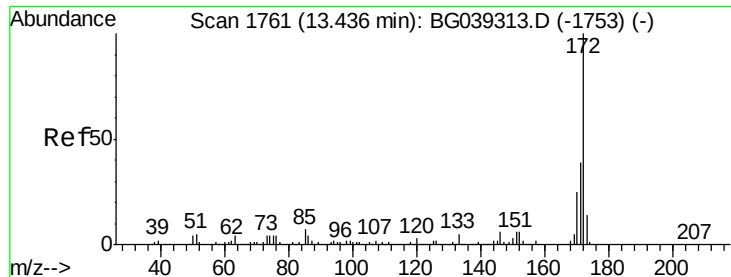
Sohil
 2/13/2019 9:56:45 AM



#44
 2,4,5-Trichlorophenol
 Concen: 48.052 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183060		
198	98.5	78.5	117.7	
97	48.3	38.4	57.6	
132	24.6	19.2	28.8	





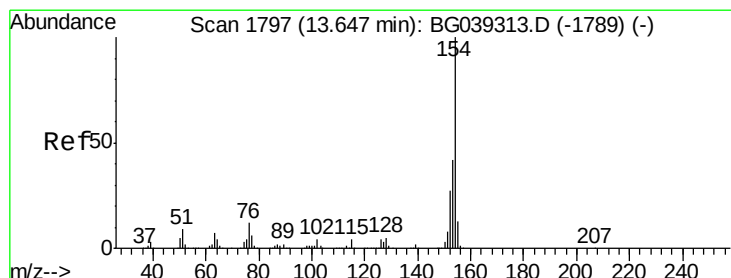
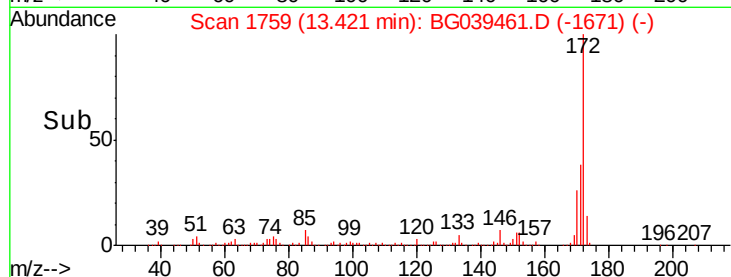
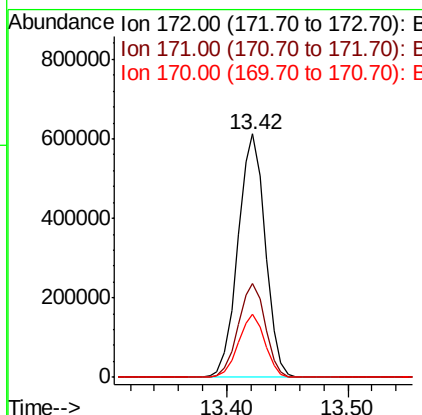
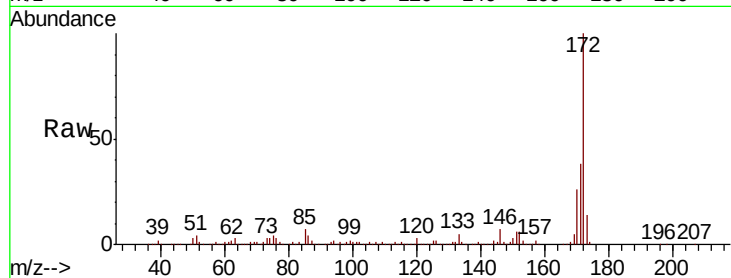
#45
2-Fluorobiphenyl
Concen: 74.214 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	26.1	20.2	30.4

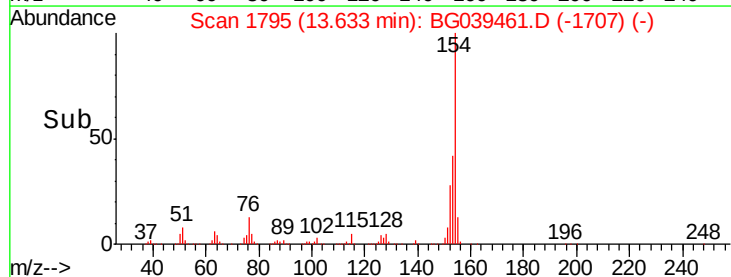
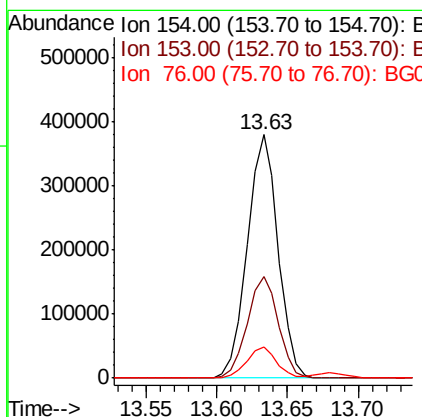
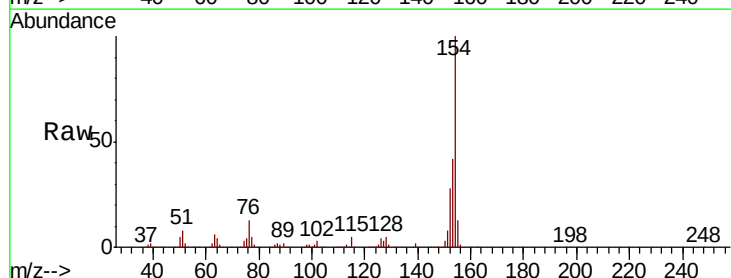
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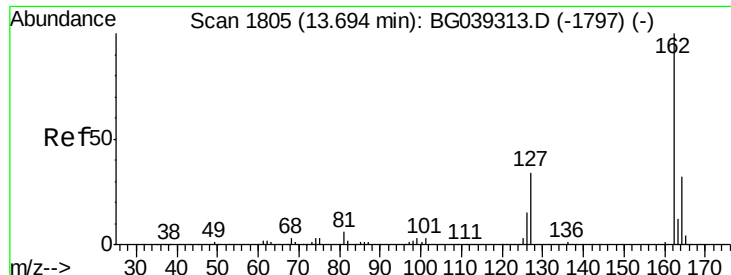
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#46
1,1'-Biphenyl
Concen: 37.380 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.1	62.1
76	12.8	0.0	32.4





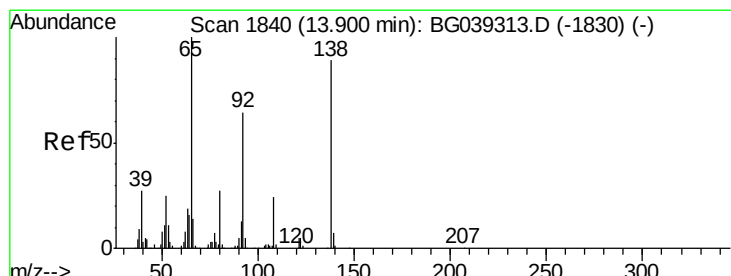
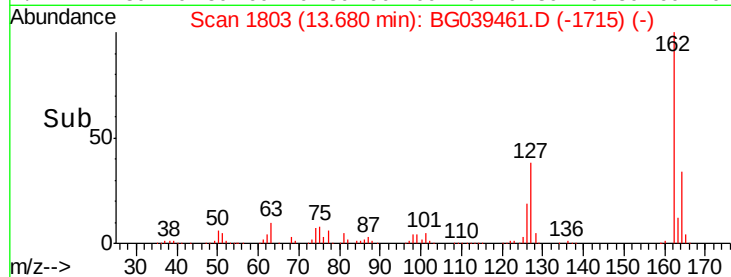
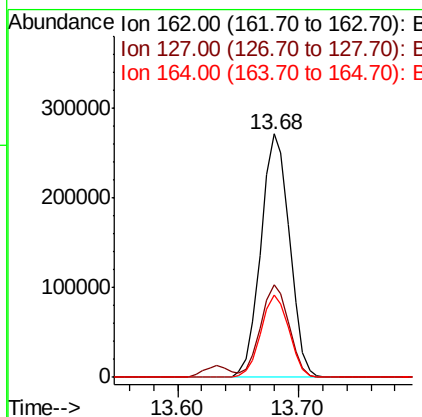
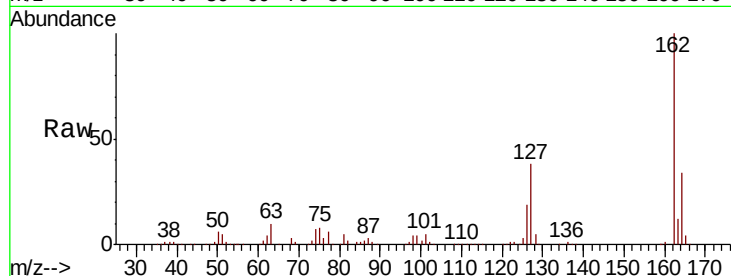
#47
 2-Chloronaphthalene
 Concen: 38.299 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tot Ion:	162	Resp:	445406
Ion Ratio	Lower	Upper	
162	100		
127	38.3	31.0	46.6
164	33.6	25.7	38.5

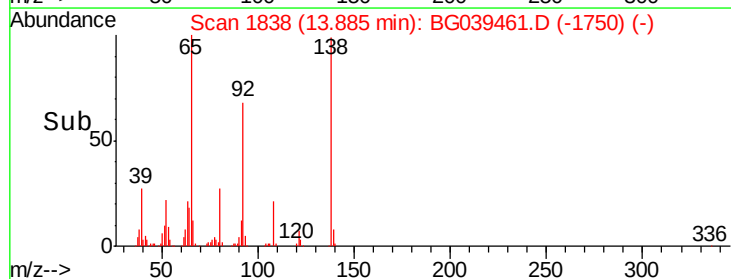
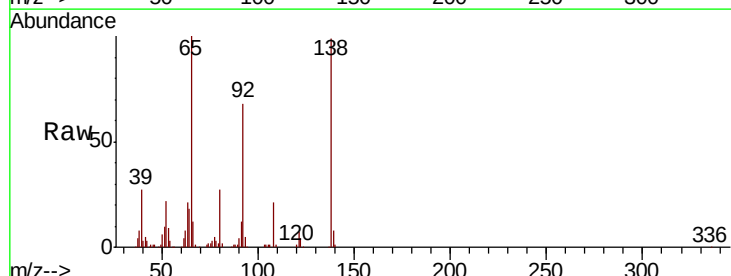
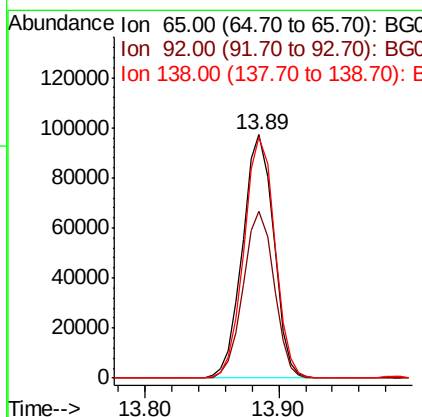
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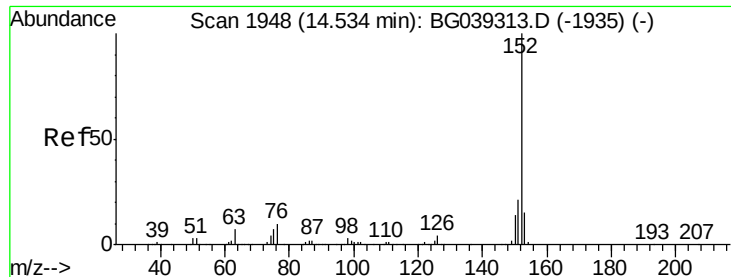
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#48
 2-Nitroaniline
 Concen: 47.116 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion:	65	Resp:	156786
Ion Ratio	Lower	Upper	
65	100		
92	68.3	51.4	77.2
138	98.9	71.4	107.2





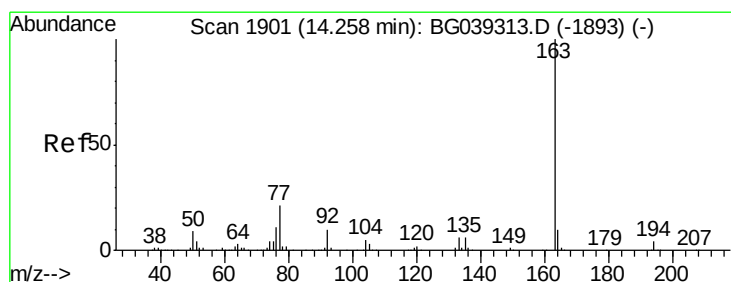
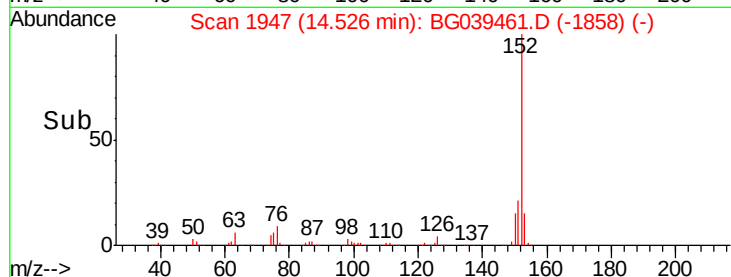
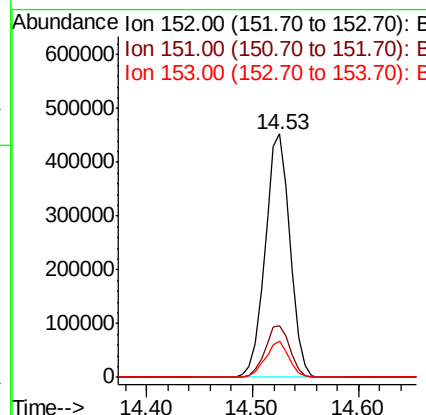
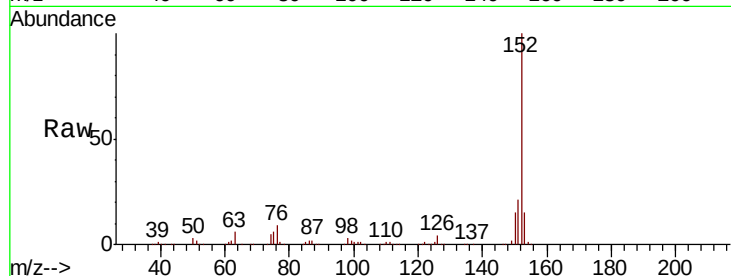
#49
Acenaphthylene
Concen: 41.996 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	14.7	11.7	17.5

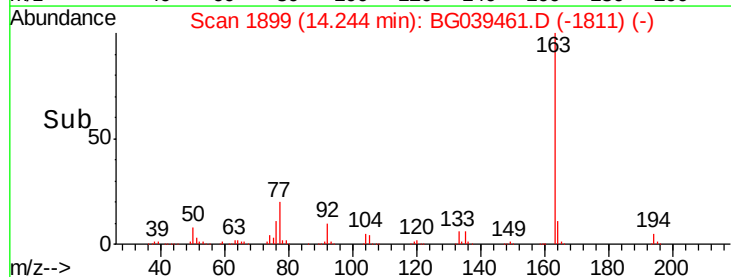
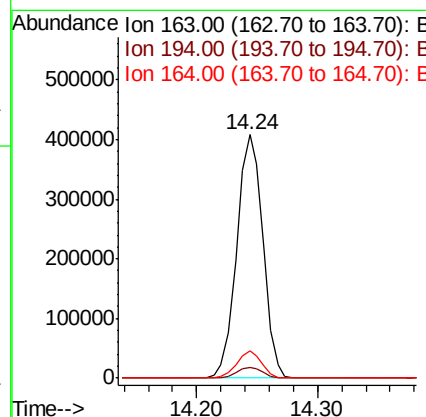
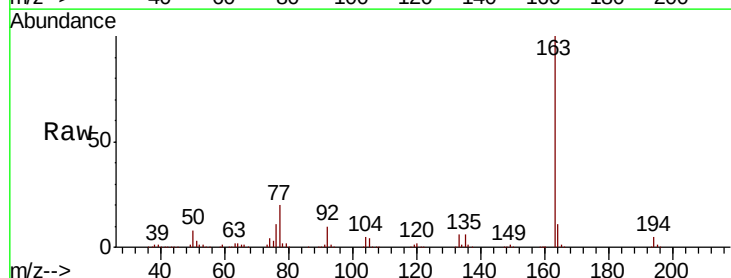
Manual Integrations
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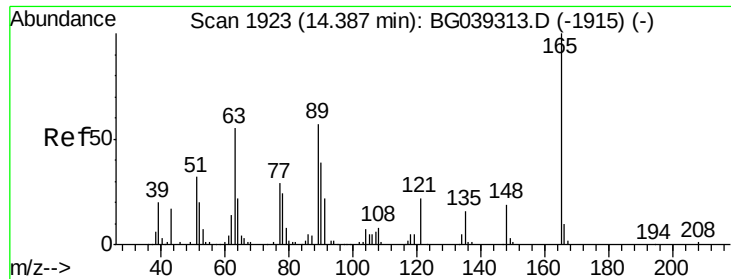
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#50
Dimethylphthalate
Concen: 40.905 ng
RT: 14.24 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	11.0	8.4	12.6





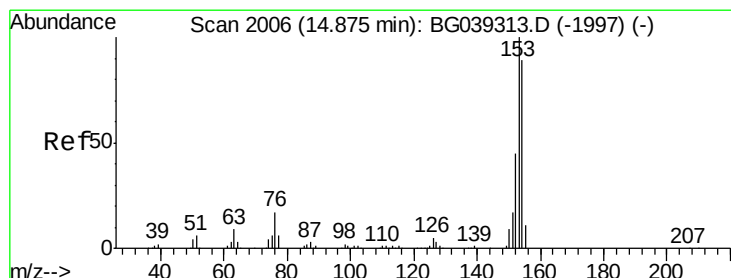
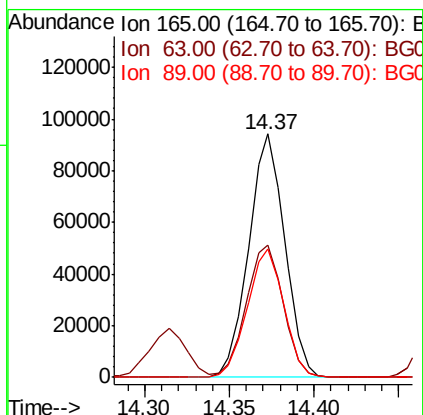
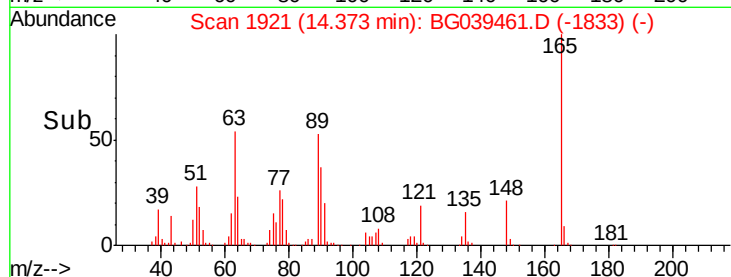
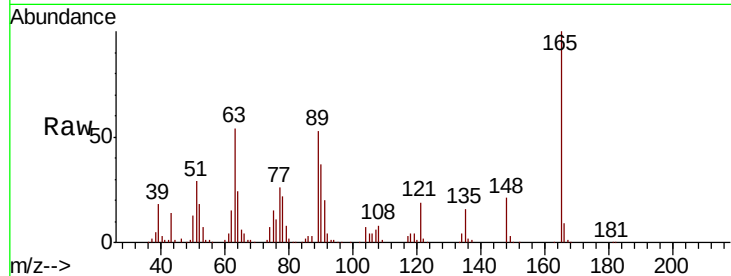
#51
2,6-Dinitrotoluene
Concen: 49.518 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	139550		
63	54.4	47.0	70.6	
89	52.8	45.8	68.8	

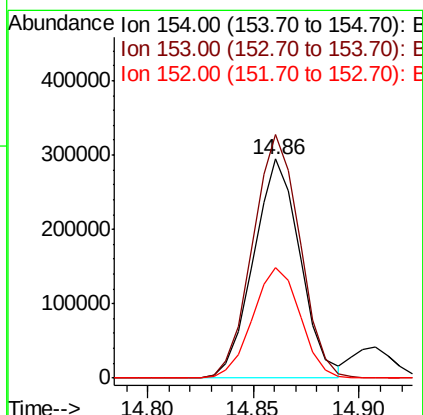
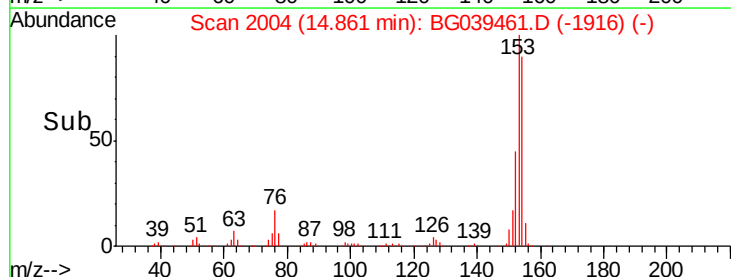
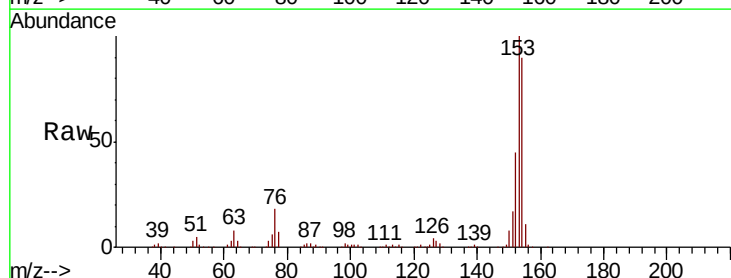
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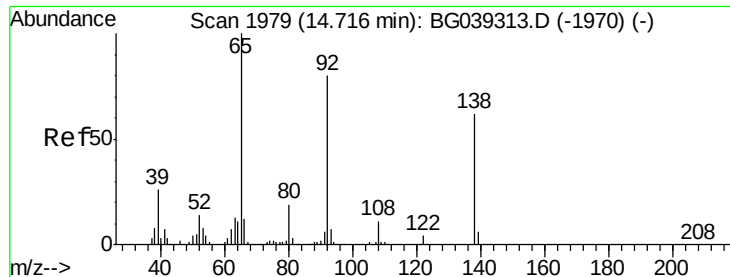
Sohil
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#52
Acenaphthene
Concen: 39.802 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	453376		
153	111.3	90.1	135.1	
152	50.6	40.9	61.3	





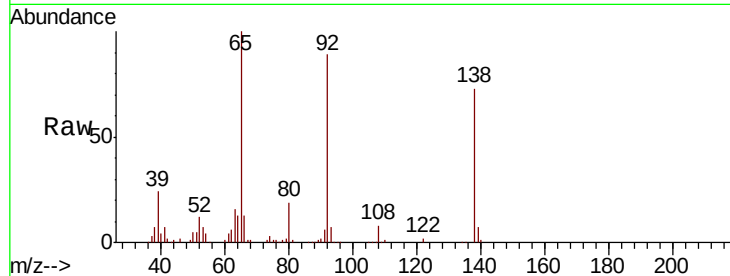
#53
3-Nitroaniline
Concen: 32.429 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

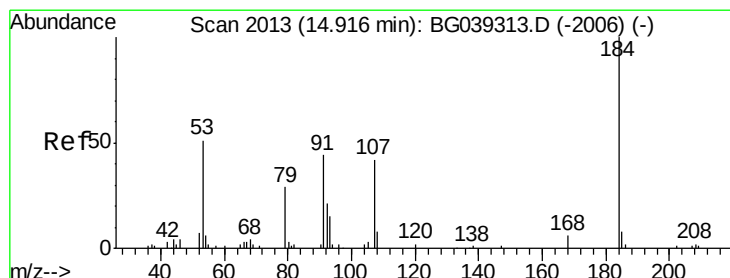
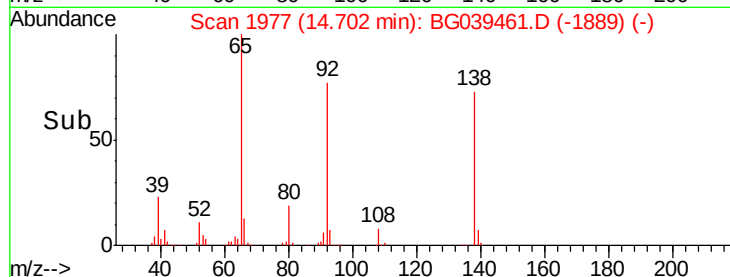
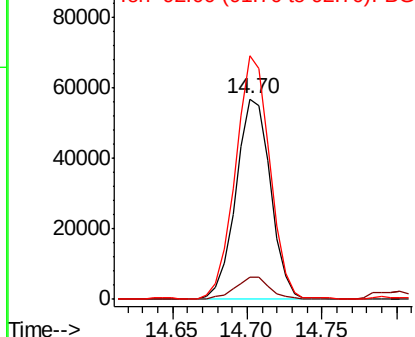
Tot Ion:138 Resp: 91668
Ion Ratio Lower Upper
138 100
108 11.1 13.8 20.8#
92 121.6 103.7 155.5

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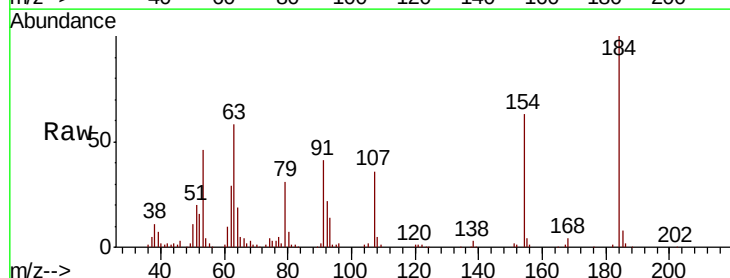


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

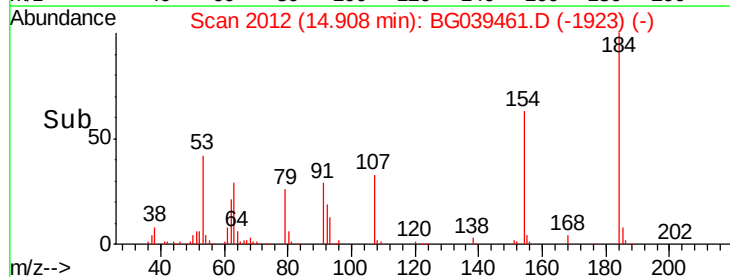
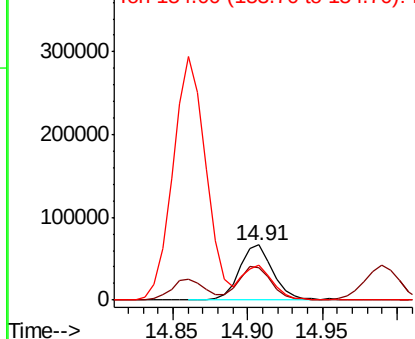


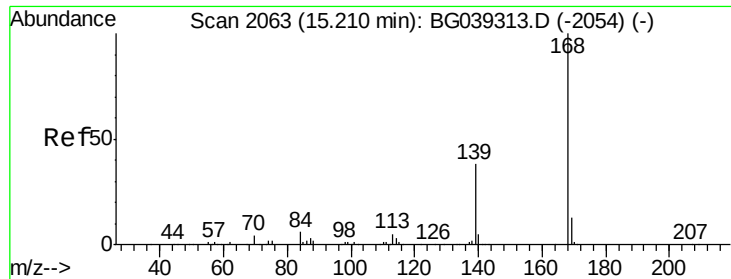
#54
2,4-Dinitrophenol
Concen: 81.972 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion:184 Resp: 102921
Ion Ratio Lower Upper
184 100
63 58.0 50.9 76.3
154 63.0 53.0 79.6



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





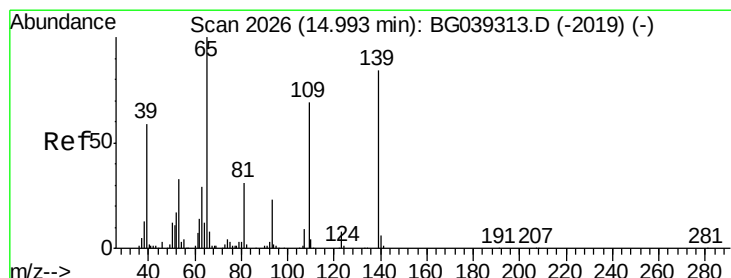
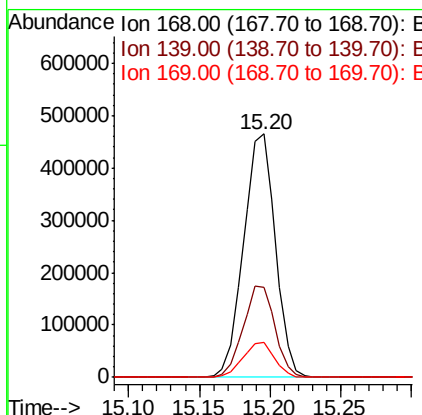
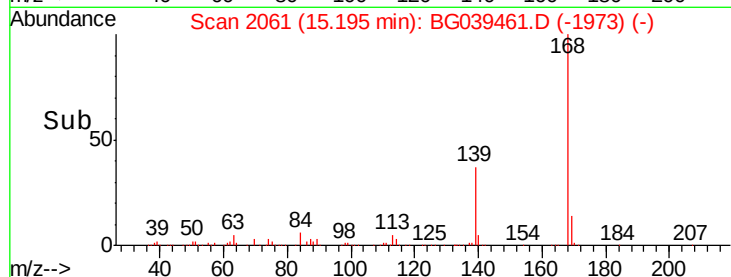
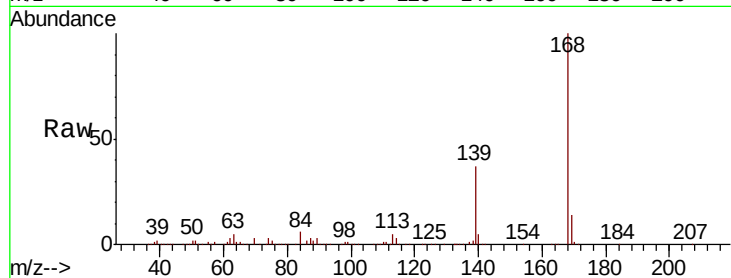
#55
Dibenzofuran
Concen: 40.121 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	14.3	10.6	16.0

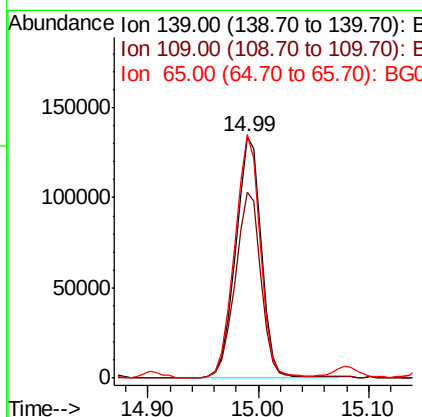
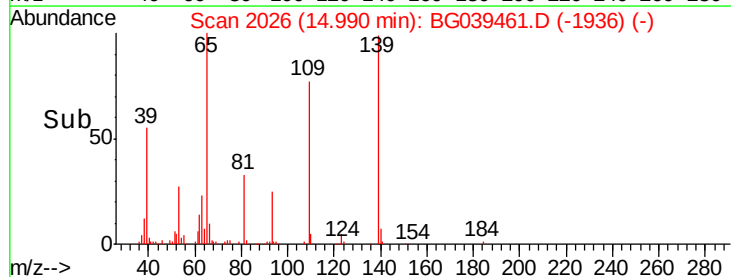
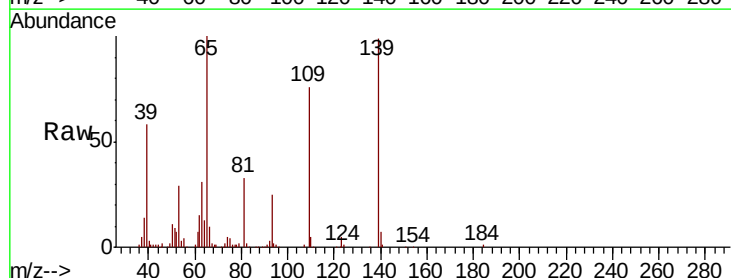
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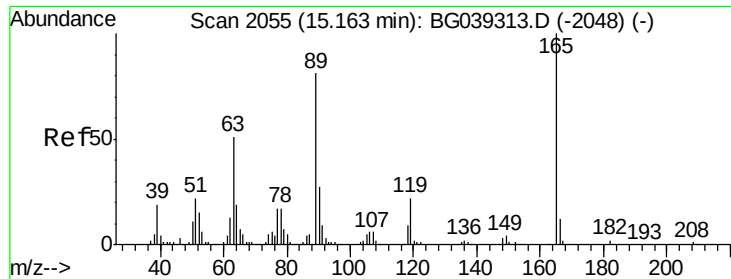
Sohil
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#56
4-Nitrophenol
Concen: 80.932 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.1	61.9	101.9
65	100.9	99.1	139.1





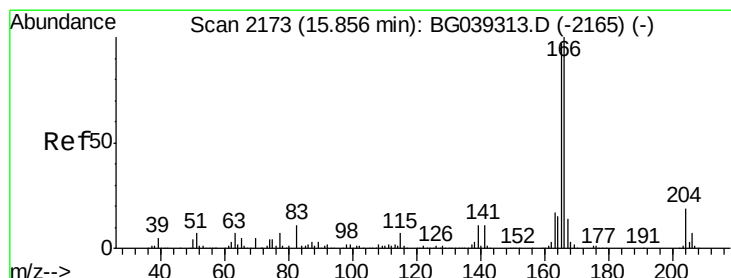
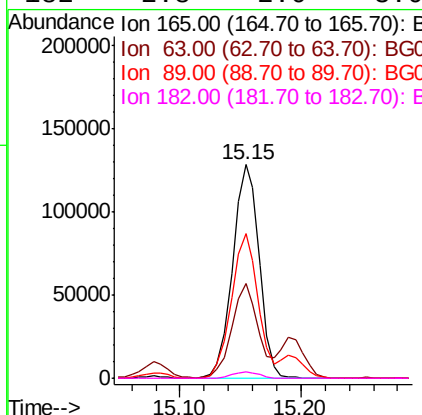
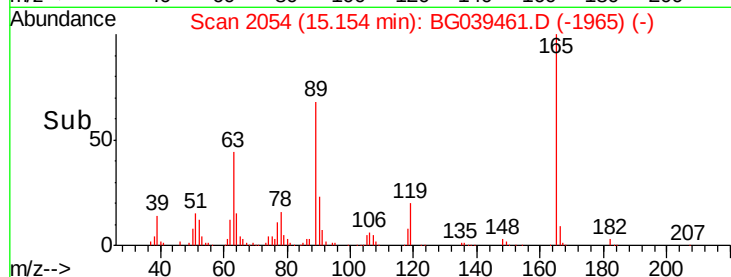
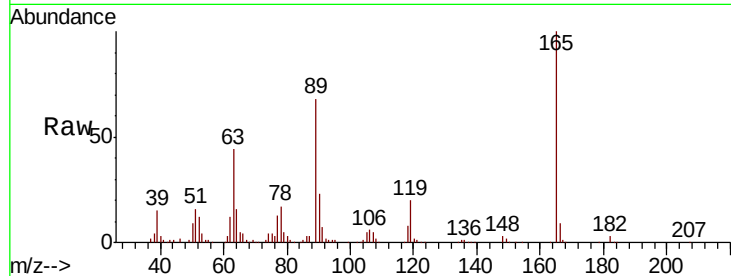
#57
2,4-Dinitrotoluene
Concen: 53.377 ng
RT: 15.15 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	44.3	41.0	61.6
89	67.9	64.6	96.8
182	2.8	2.0	3.0

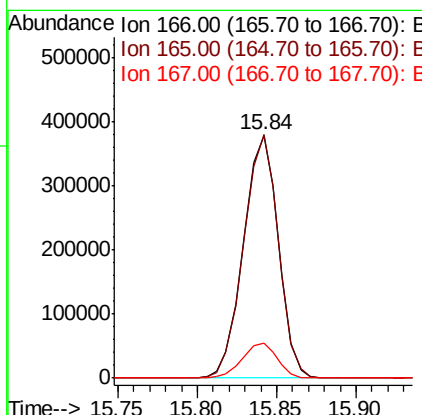
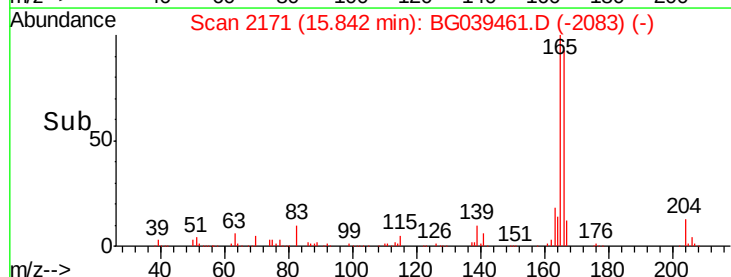
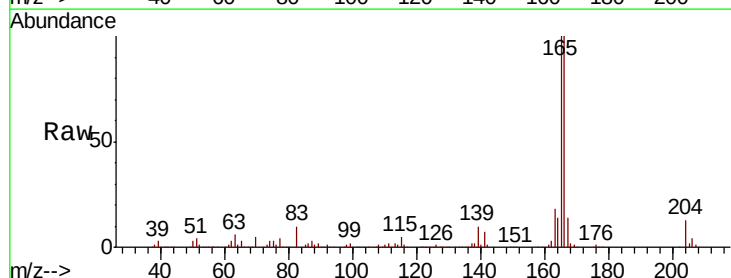
Manual Integrations
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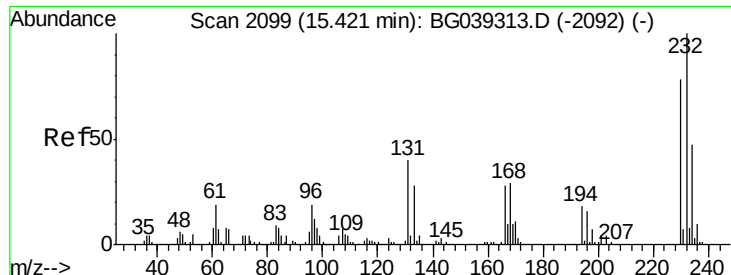
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#58
Fluorene
Concen: 42.553 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	100.3	77.9	116.9
167	14.5	10.8	16.2





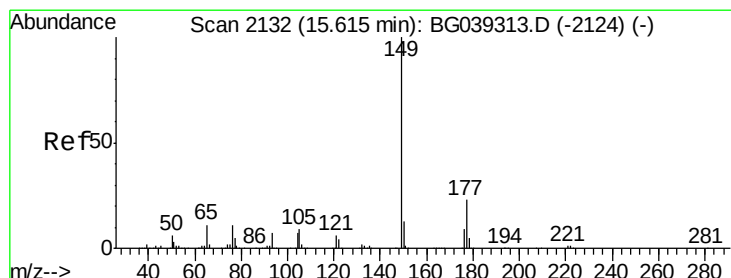
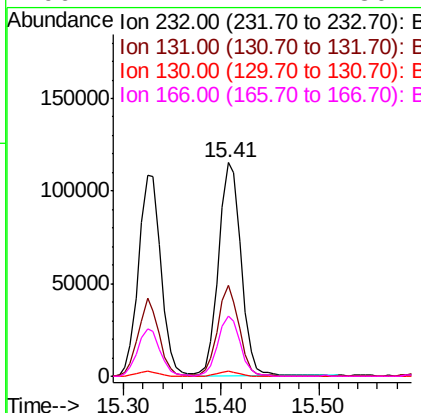
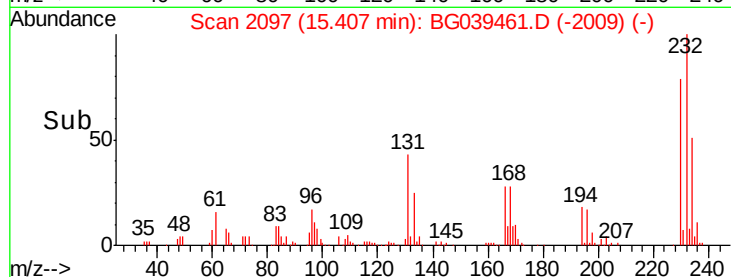
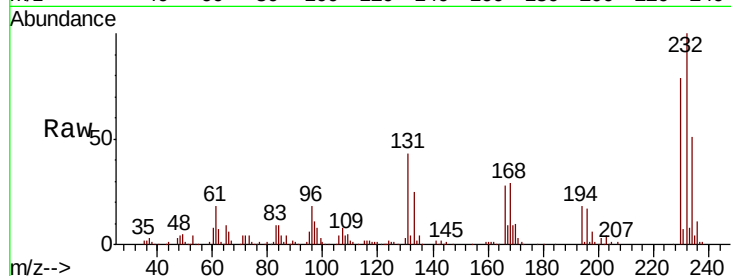
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.724 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		184497		
131	40.6	34.9	52.3		
130	2.3	2.0	3.0		
166	27.7	24.1	36.1		

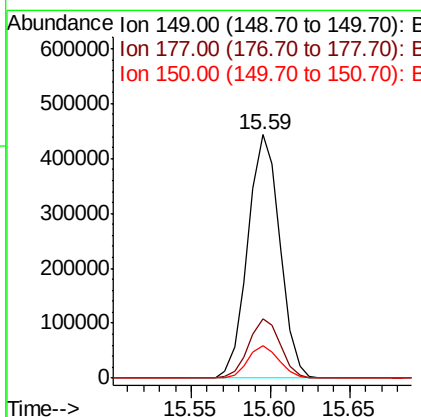
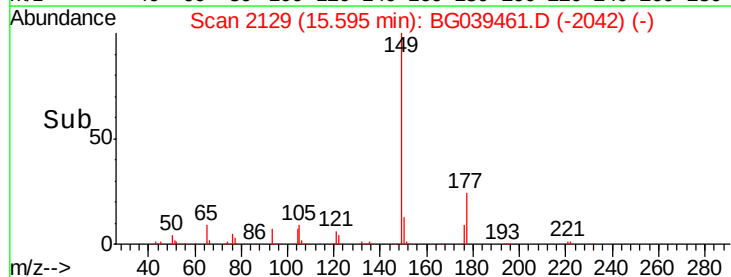
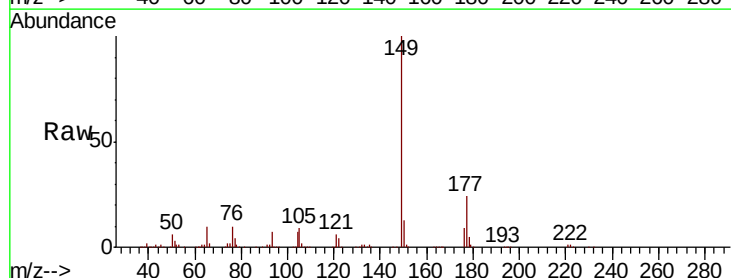
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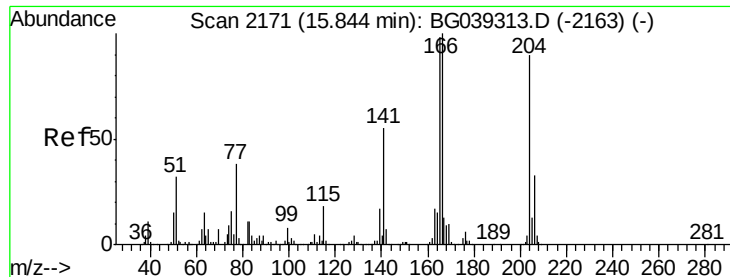
Sohil
 2/13/2019 9:56:45 AM



#60
 Diethylphthalate
 Concen: 40.177 ng
 RT: 15.59 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		623363		
177	24.5	18.3	27.5		
150	13.1	10.2	15.2		





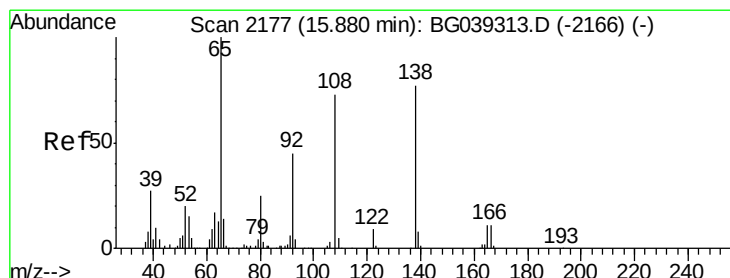
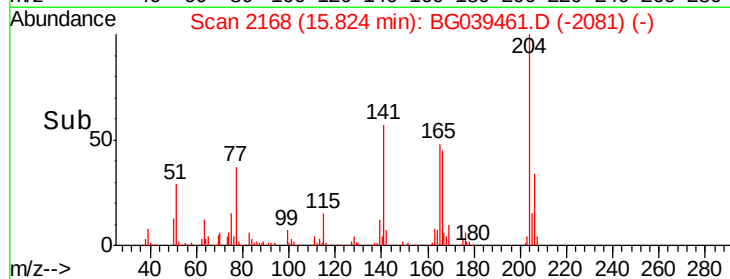
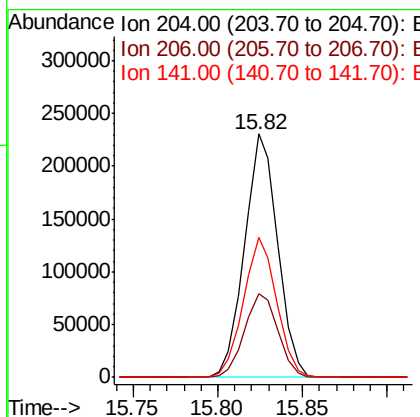
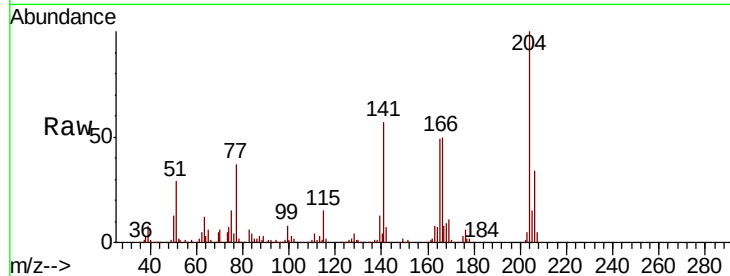
#61
4-Chlorophenyl-phenylether
Concen: 40.772 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	29.2	43.8
141	57.4	49.0	73.4

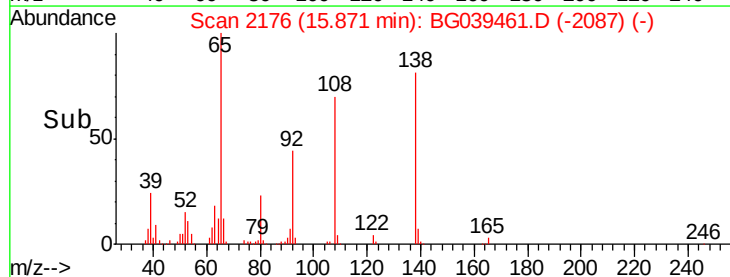
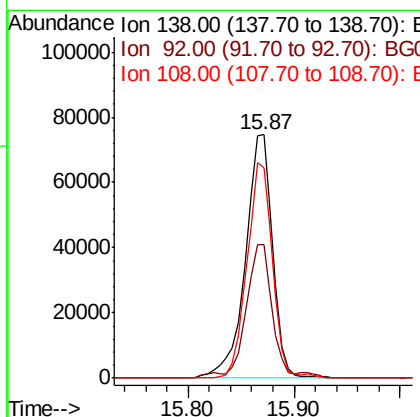
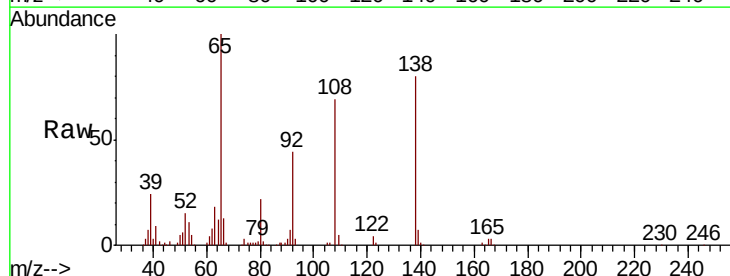
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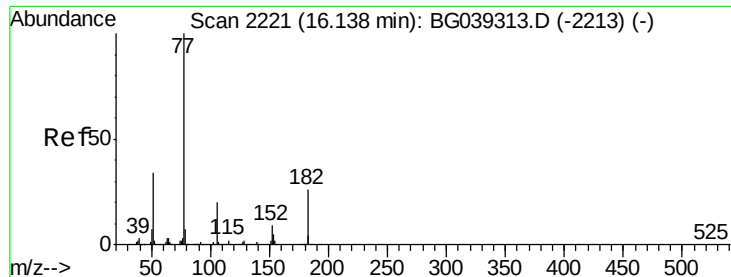
Sohil
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#62
4-Nitroaniline
Concen: 42.936 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.9	38.7	78.7
108	86.6	74.6	114.6





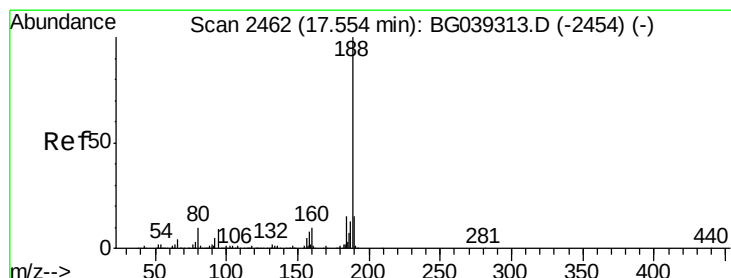
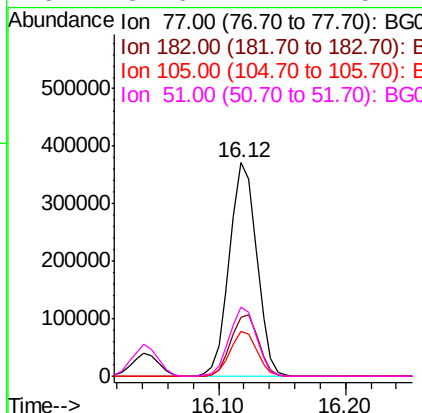
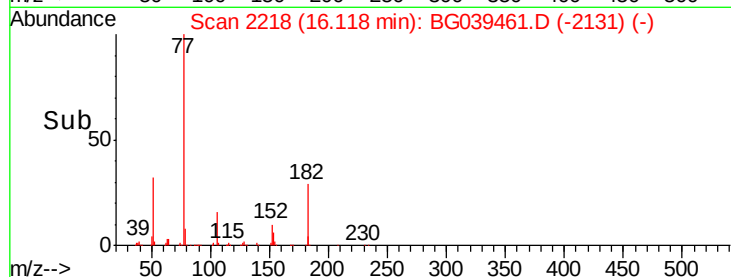
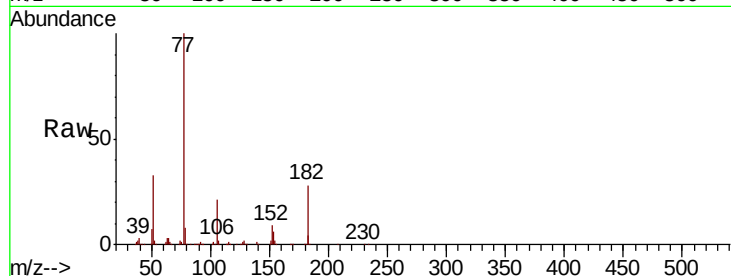
#63
Azobenzene
Concen: 36.457 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	6.4	46.4
105	21.1	0.0	39.8
51	32.6	14.1	54.1

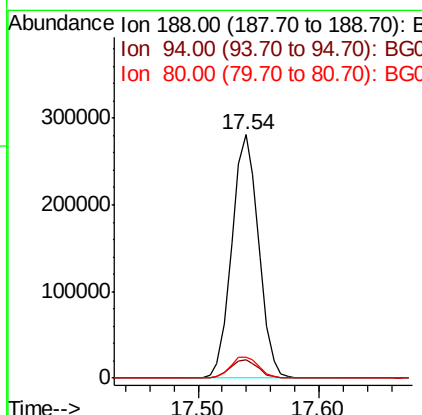
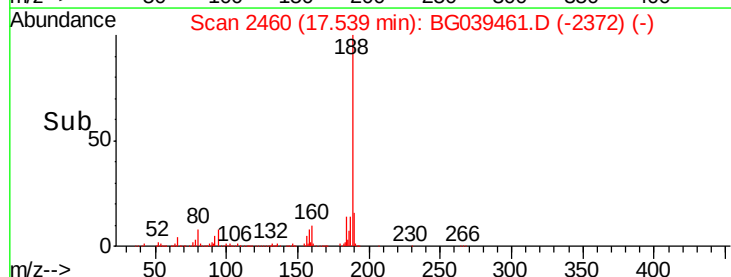
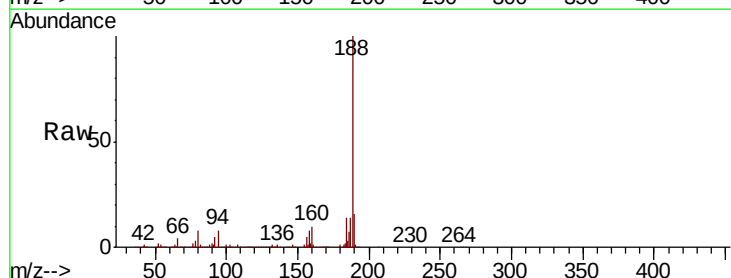
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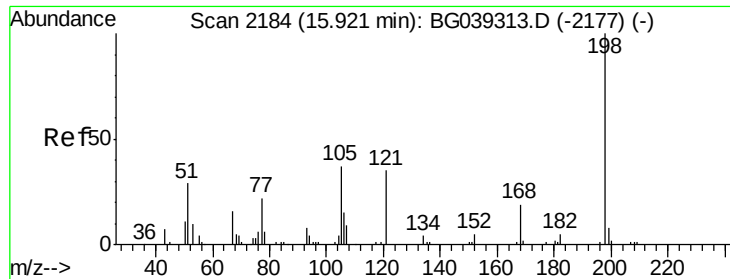
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.5	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 52.531 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

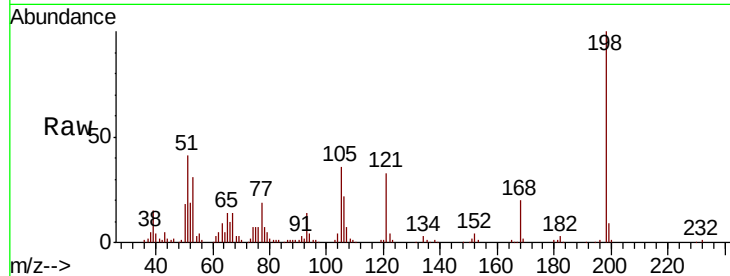
ClientSampleId :

PB116987BS

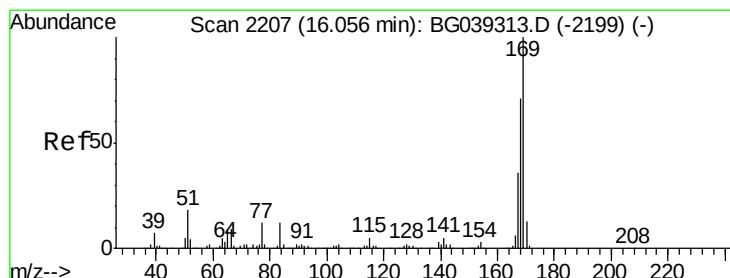
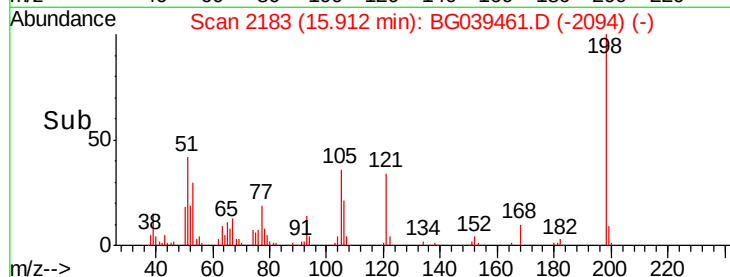
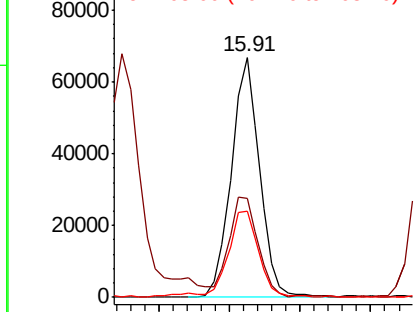
Tot Ion:	198	Resp:	93106
Ion Ratio	Lower	Upper	
198	100		
51	41.4	27.4	67.4
105	35.8	19.7	59.7

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.046 ng

RT: 16.04 min Scan# 2205

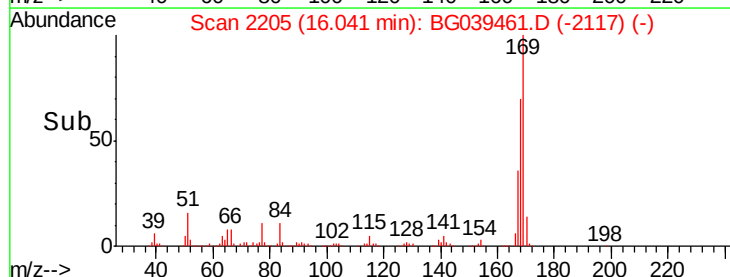
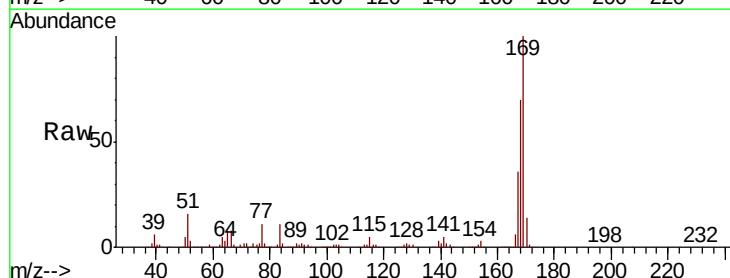
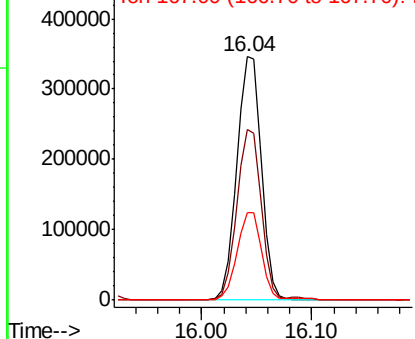
Delta R.T. -0.01 min

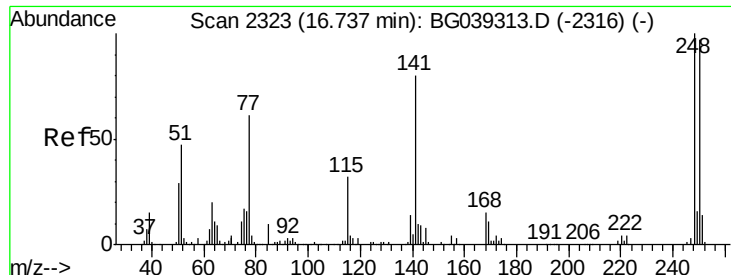
Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:	169	Resp:	540862
Ion Ratio	Lower	Upper	
169	100		
168	70.2	56.6	85.0
167	36.0	28.8	43.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





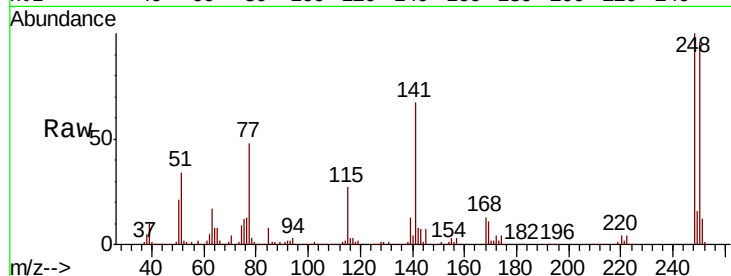
#67
 4-Bromophenyl-phenylether
 Concen: 42.901 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Instrument :
 BNA_G
 ClientSampled :
 PB116987BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.6	116.4
141	67.3	63.9	95.9

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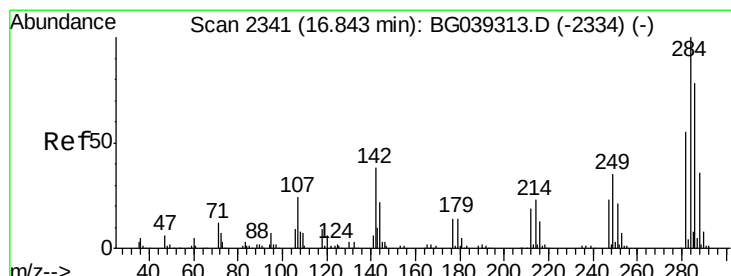
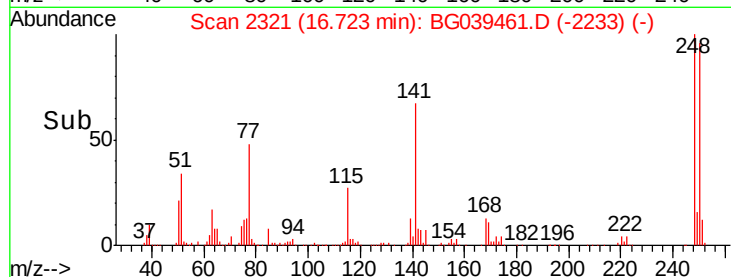
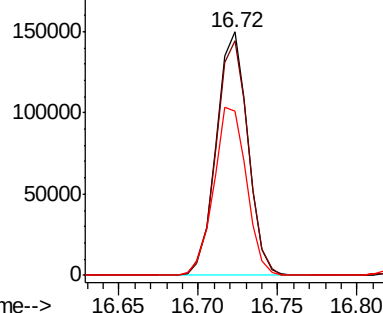


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.074 ng
 RT: 16.83 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

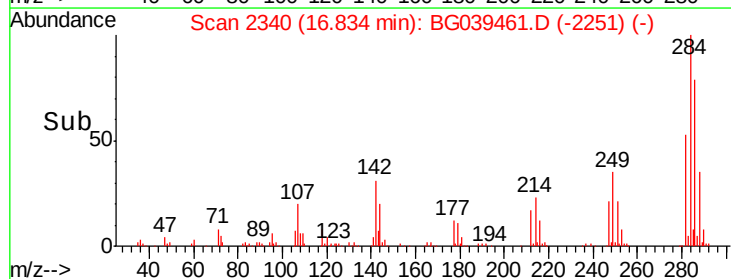
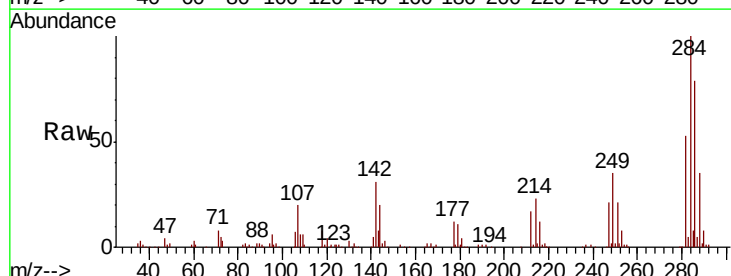
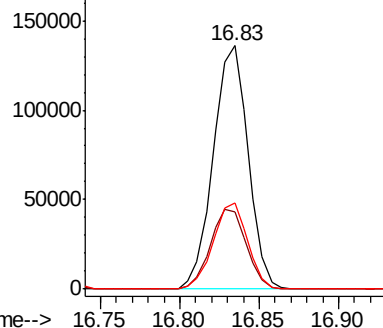
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	30.6	45.8
249	35.4	28.2	42.2

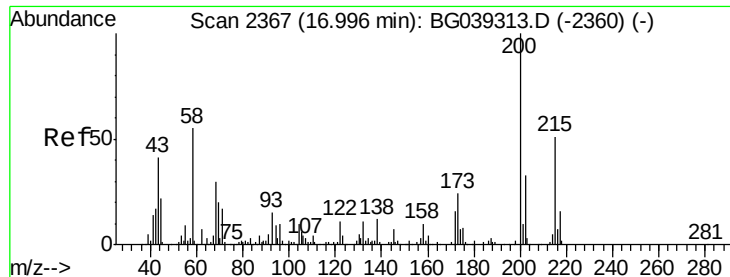
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.947 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

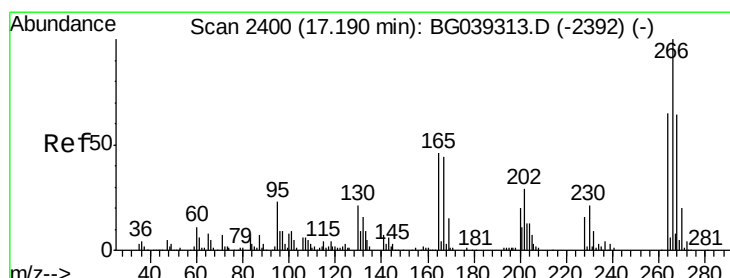
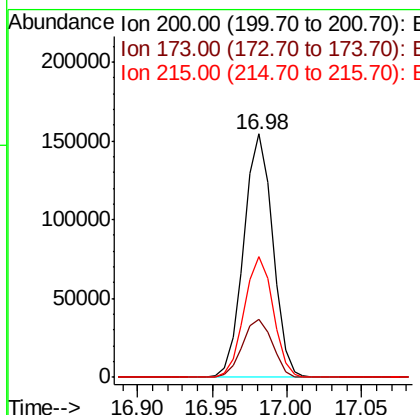
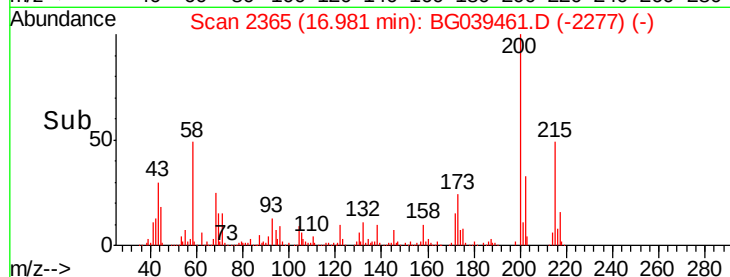
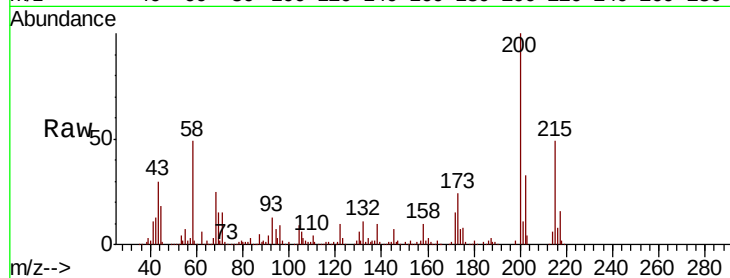
ClientSampled :

PB116987BS

Tot Ion:	200	Resp:	206811
Ion Ratio	Lower	Upper	
200	100		
173	23.7	3.9	43.9
215	49.3	30.9	70.9

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#70

Pentachlorophenol

Concen: 70.601 ng

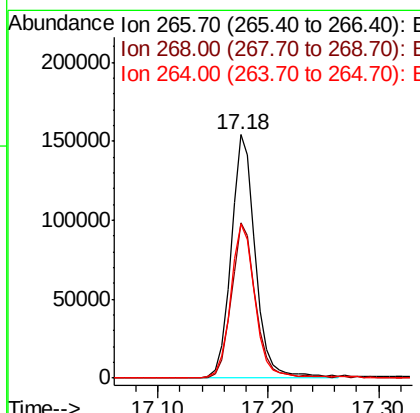
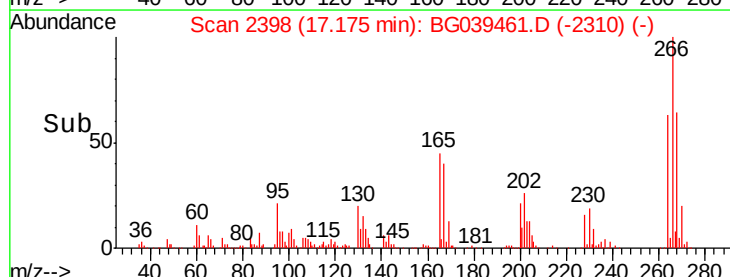
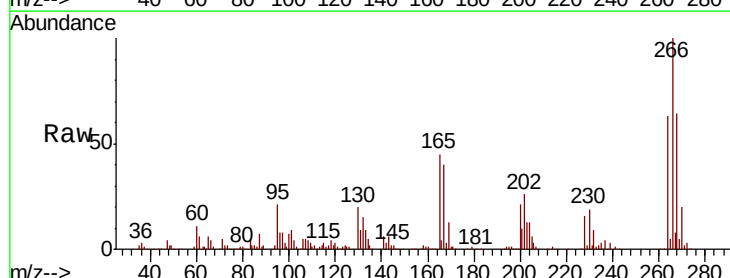
RT: 17.18 min Scan# 2398

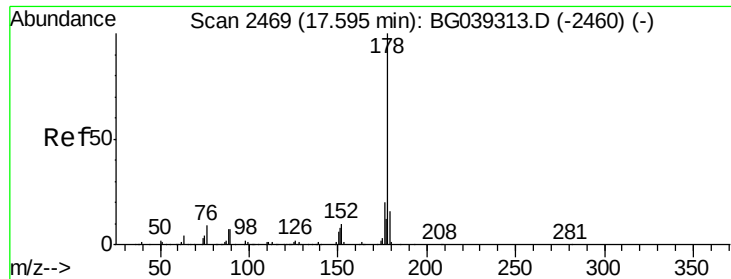
Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:	266	Resp:	236687
Ion Ratio	Lower	Upper	
266	100		
268	63.7	51.1	76.7
264	63.0	52.1	78.1





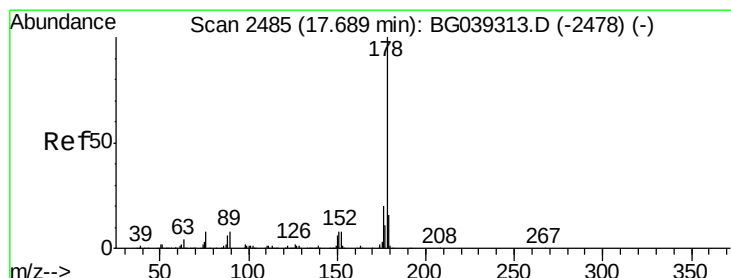
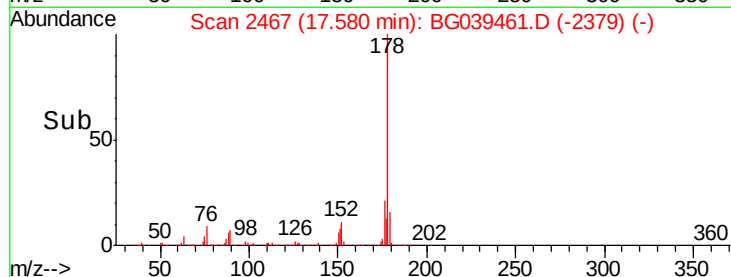
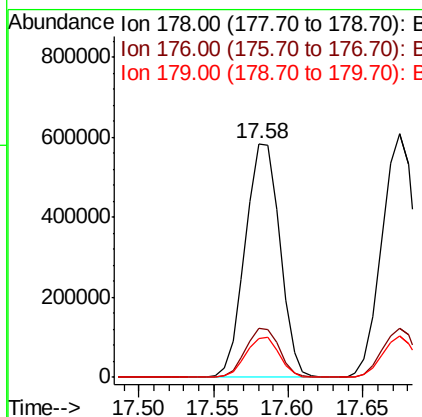
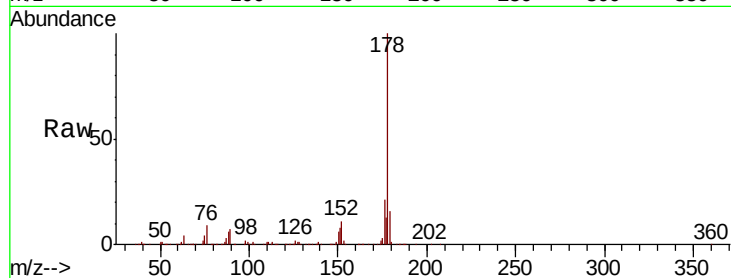
#71
Phenanthrene
Concen: 41.912 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.2	24.4
179	16.4	12.6	19.0

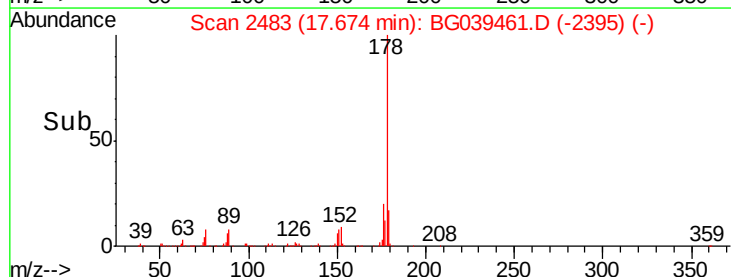
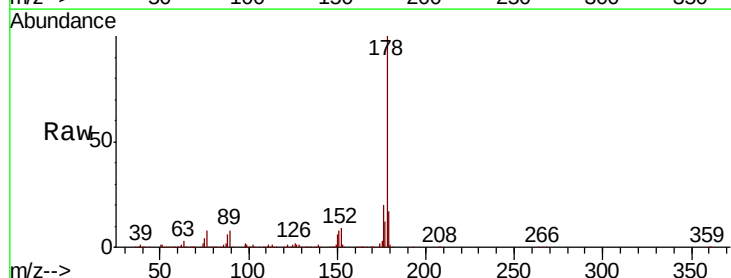
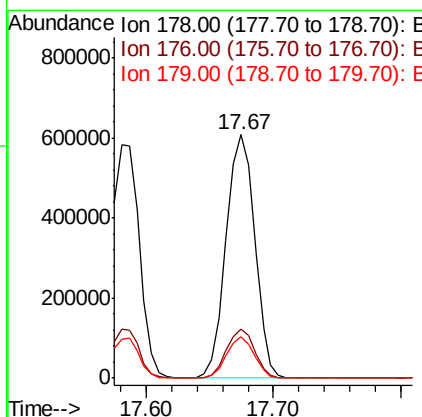
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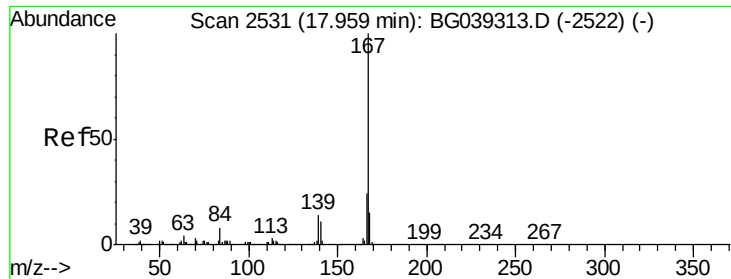
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#72
Anthracene
Concen: 43.139 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	17.0	12.5	18.7





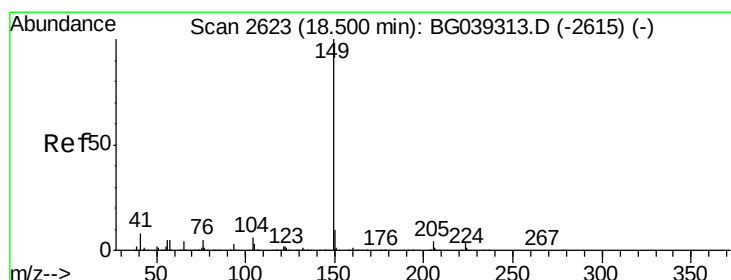
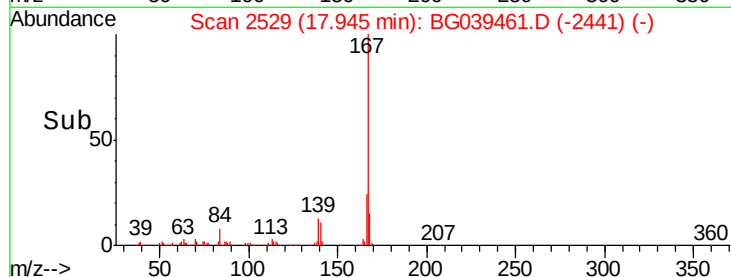
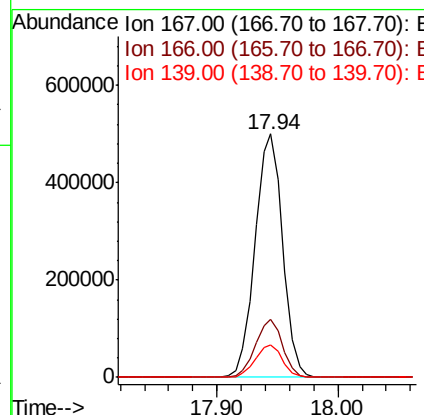
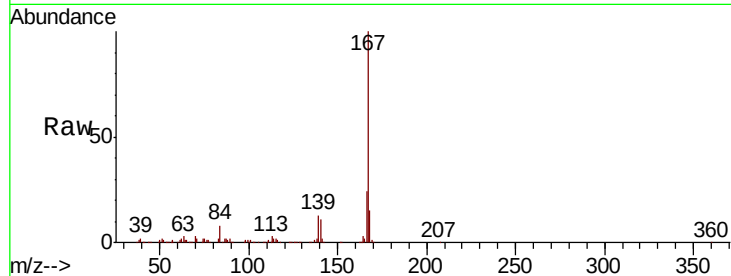
#73
 Carbazole
 Concen: 35.821 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.4	29.2
139	13.2	10.8	16.2

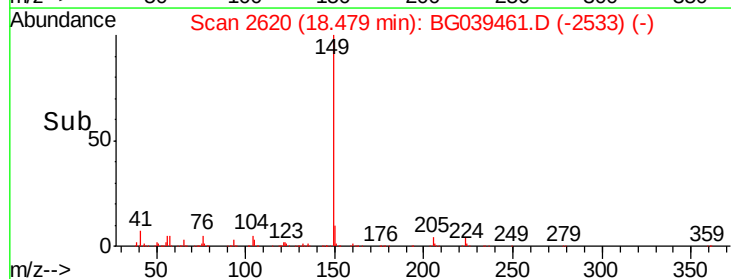
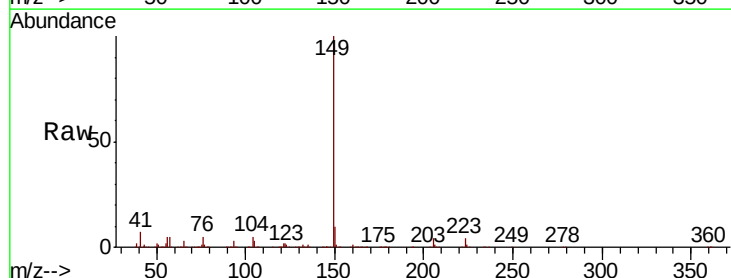
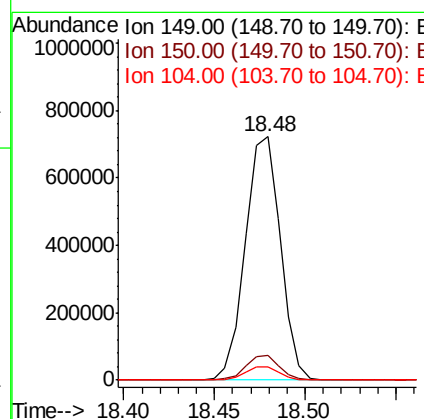
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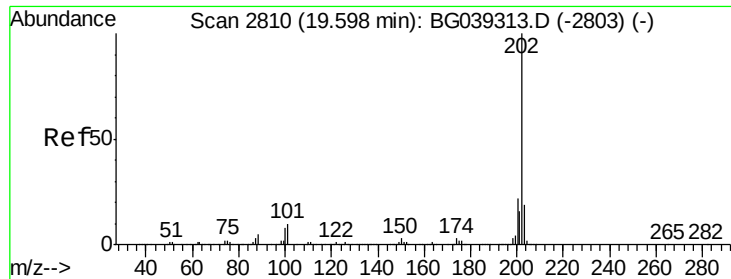
Sohil
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#74
 Di-n-butylphthalate
 Concen: 37.949 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 38.574 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

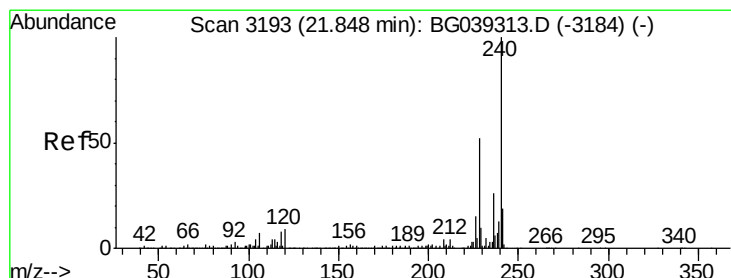
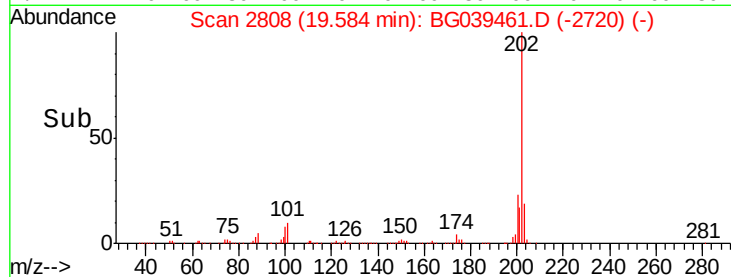
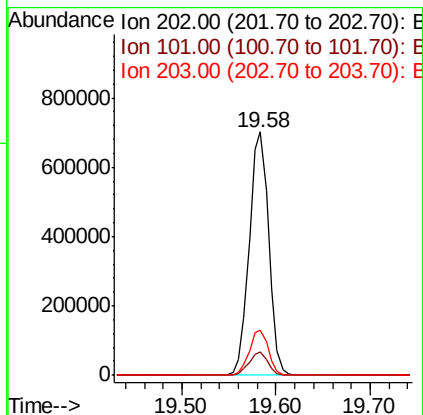
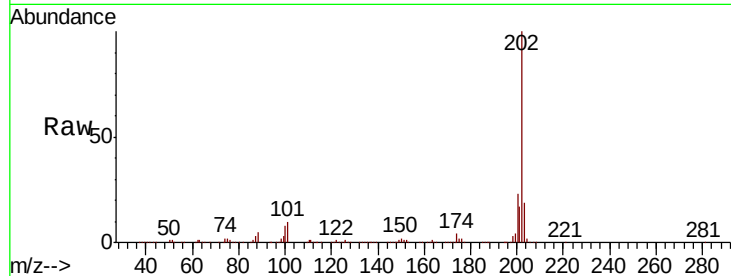
ClientSampleId :

PB116987BS

Tot Ion:	202	Resp:	1004231
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.0
203	18.8	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

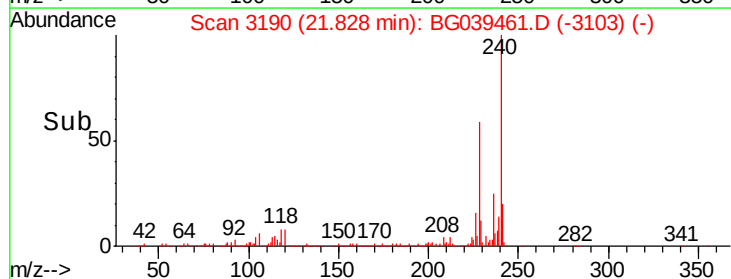
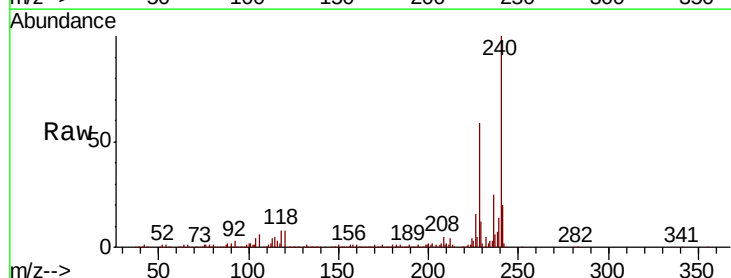
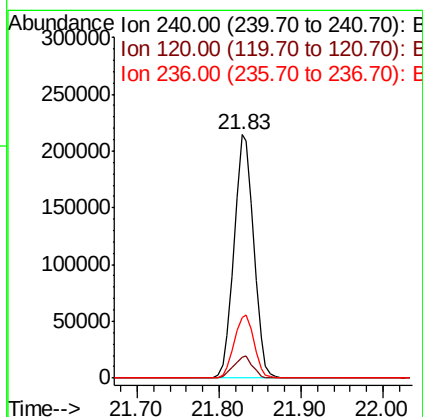
RT: 21.83 min Scan# 3190

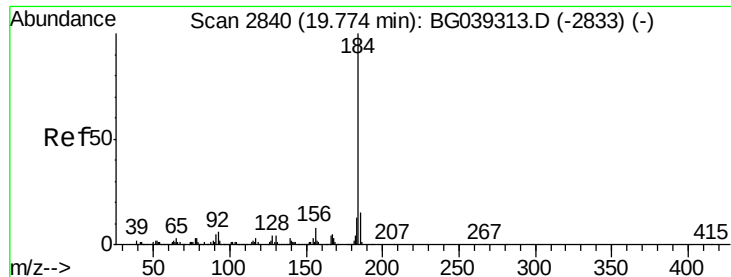
Delta R.T. -0.02 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:	240	Resp:	359149
Ion Ratio	Lower	Upper	
240	100		
120	8.4	7.0	10.6
236	25.1	21.0	31.4





#77

Benzidine

Concen: 30.136 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

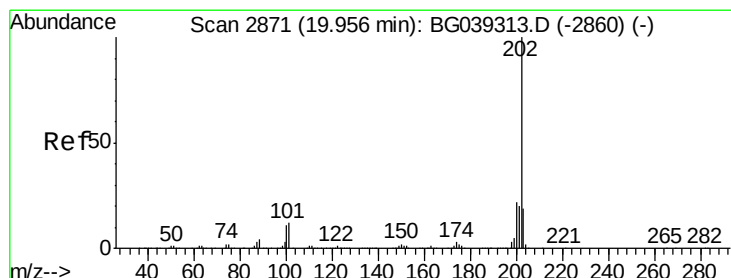
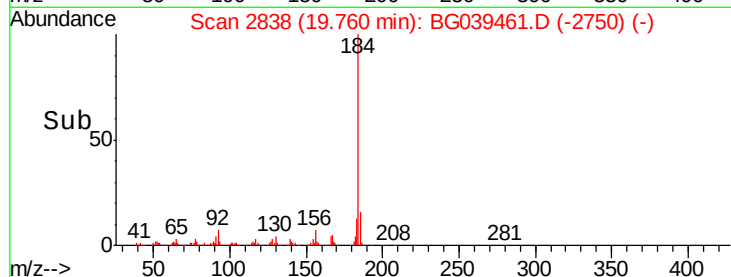
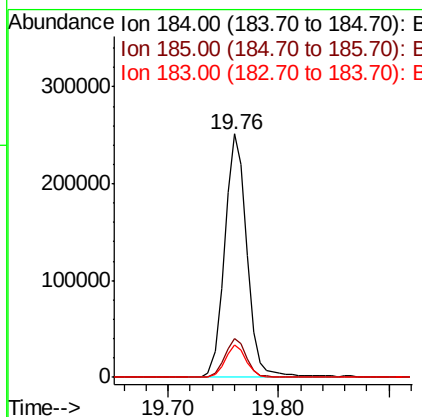
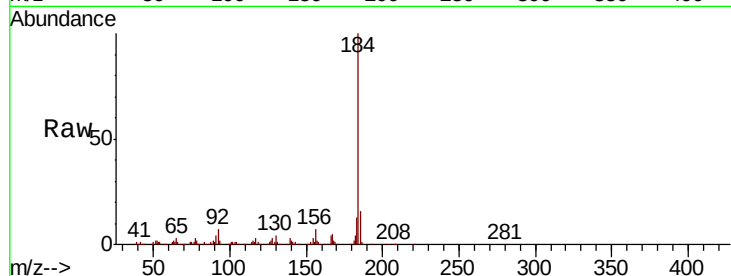
ClientSampleId :

PB116987BS

Tot Ion:	184	Resp:	354854
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.2	18.2
183	13.1	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 43.689 ng

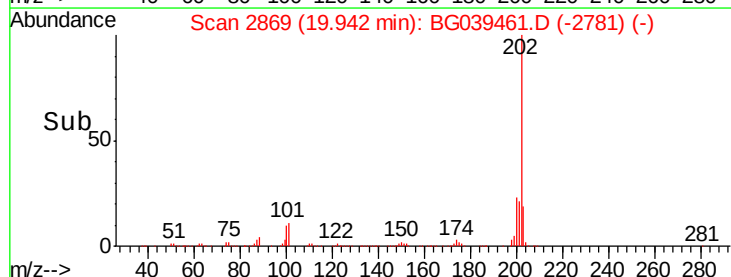
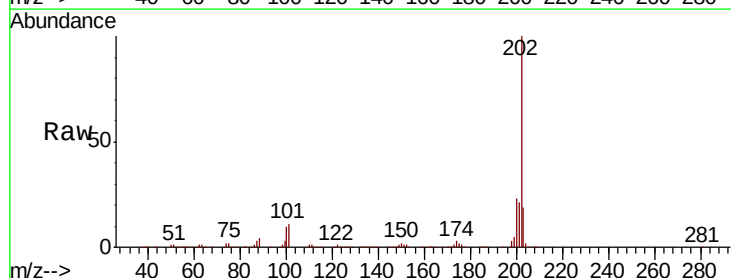
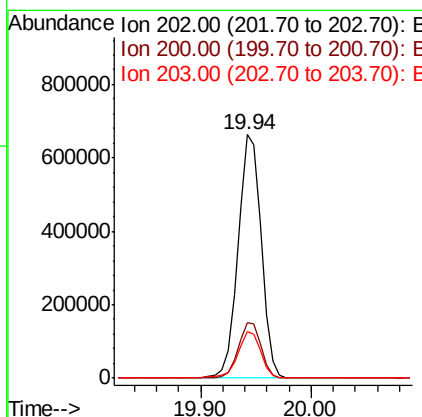
RT: 19.94 min Scan# 2869

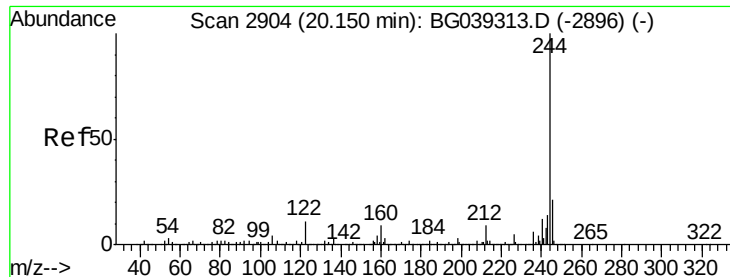
Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:	202	Resp:	976794
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.8	26.8
203	19.4	15.3	22.9





#79

Terphenyl-d14

Concen: 82.596 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

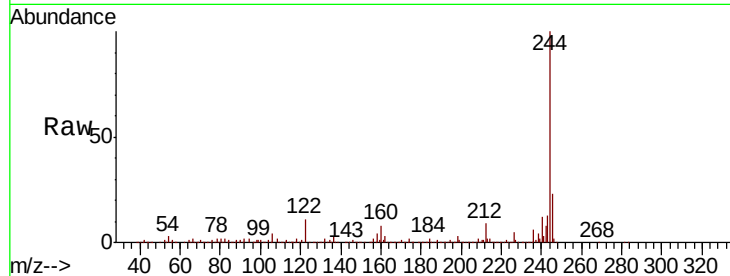
ClientSampled :

PB116987BS

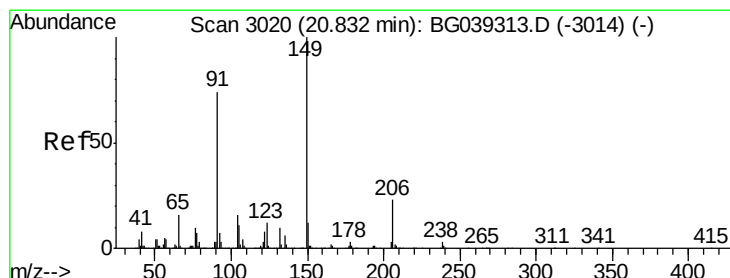
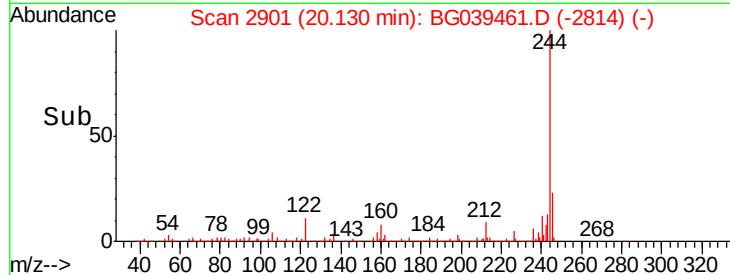
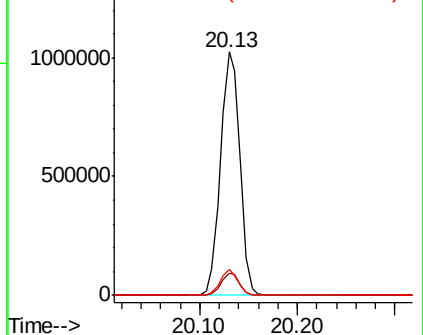
Tot Ion:	244	Resp:	1401455
Ion Ratio	Lower	Upper	
244	100		
212	9.3	7.3	10.9
122	10.8	8.4	12.6

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



#80

Butylbenzylphthalate

Concen: 41.178 ng

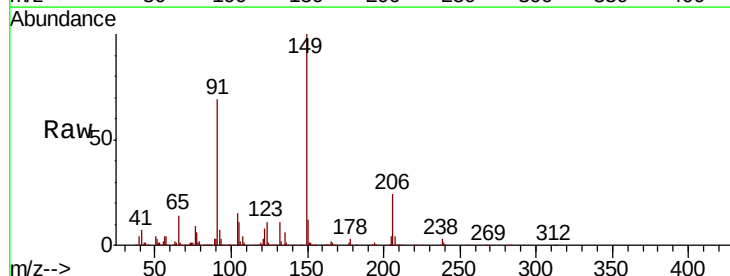
RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

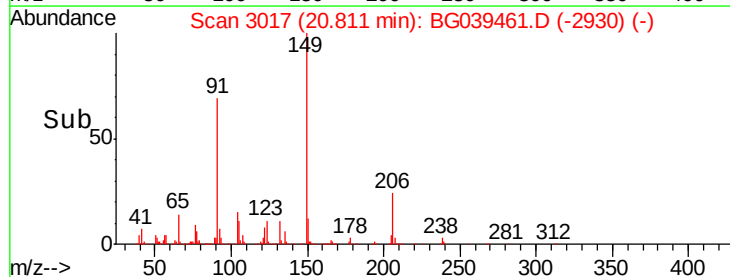
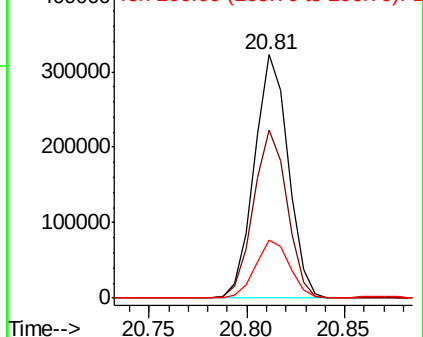
Lab File: BG039461.D

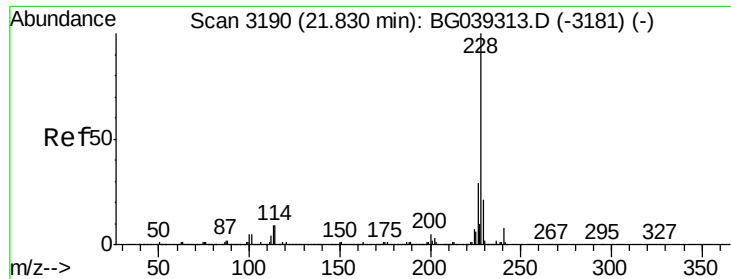
Acq: 12 Feb 2019 13:13

Tgt Ion:	149	Resp:	388367
Ion Ratio	Lower	Upper	
149	100		
91	68.8	59.5	89.3
206	23.6	18.6	27.8



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





#81

Benzo(a)anthracene

Concen: 42.767 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

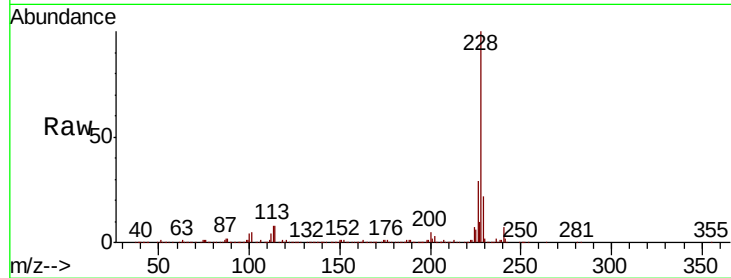
ClientSampled :

PB116987BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		907596		
226	29.3		23.0	34.6	
229	21.8		16.9	25.3	

Manual Integrations
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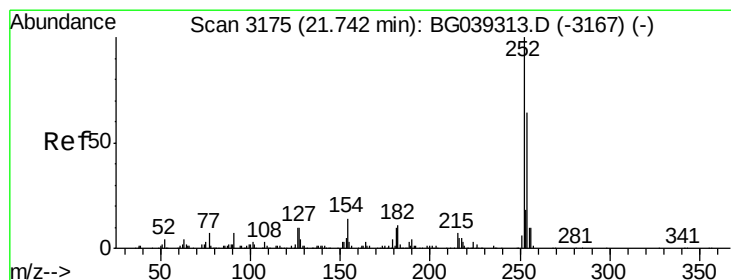
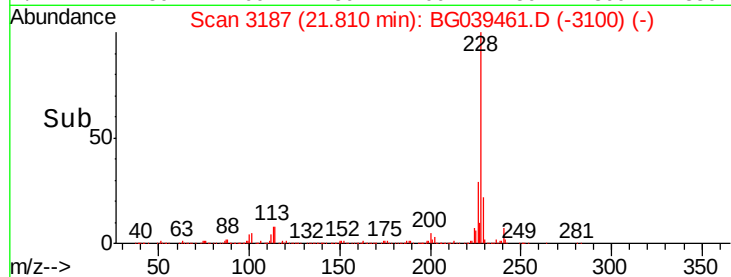
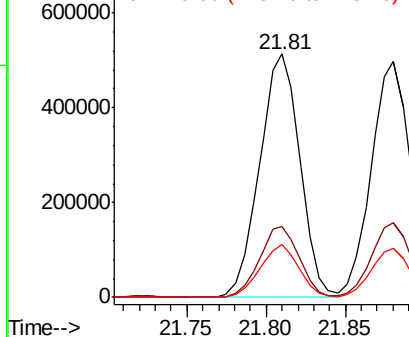


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.153 ng

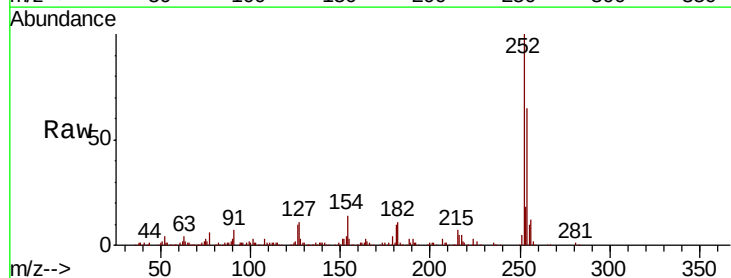
RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		213665		
254	65.0		51.3	76.9	
126	9.9		8.0	12.0	

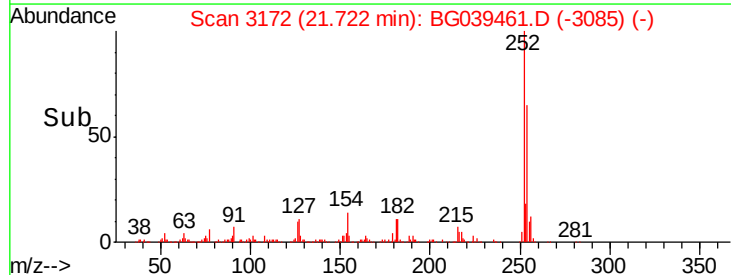
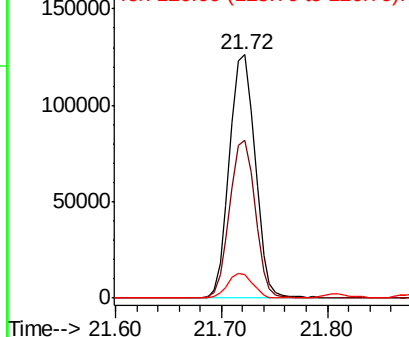


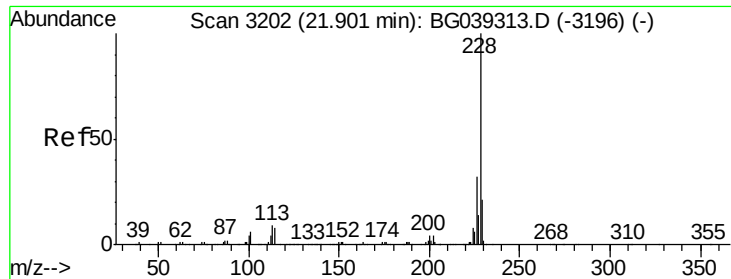
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





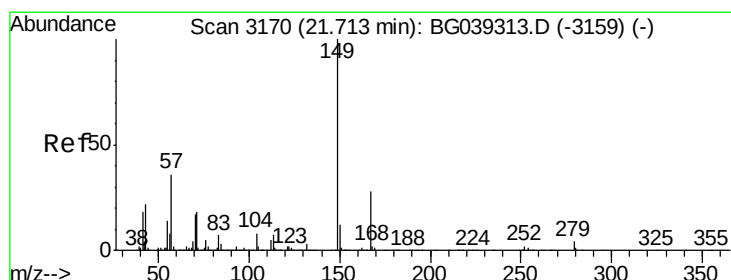
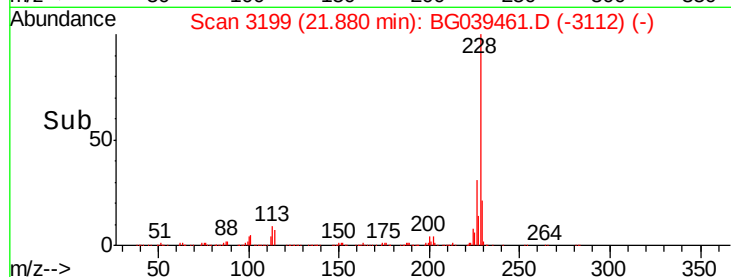
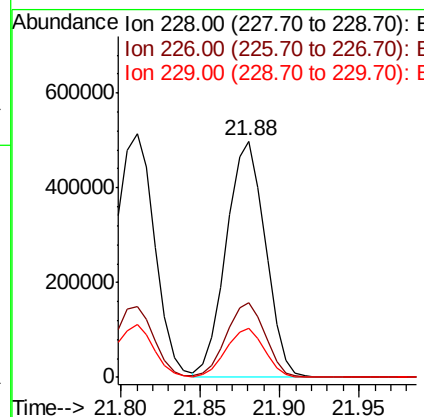
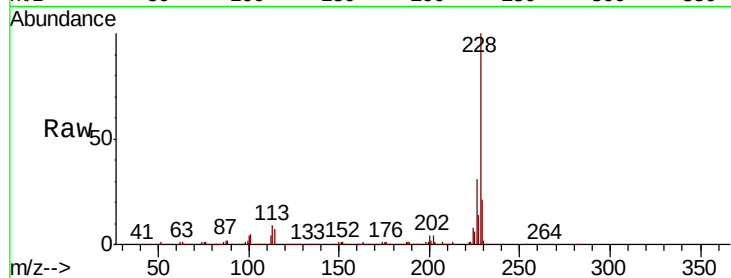
#83
Chrysene
Concen: 42.087 ng
RT: 21.88 min Scan# 3199
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.8	38.6
229	20.7	16.6	25.0

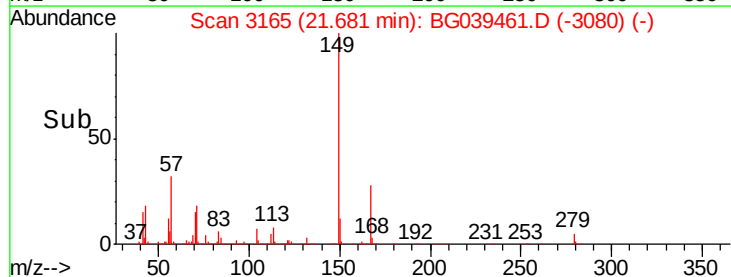
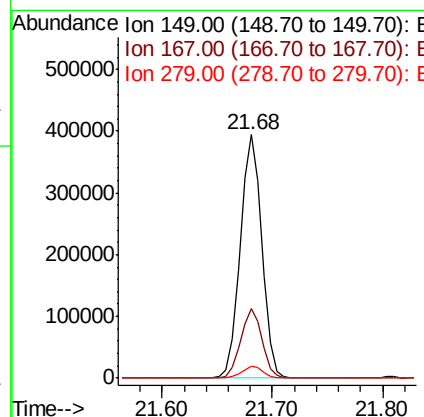
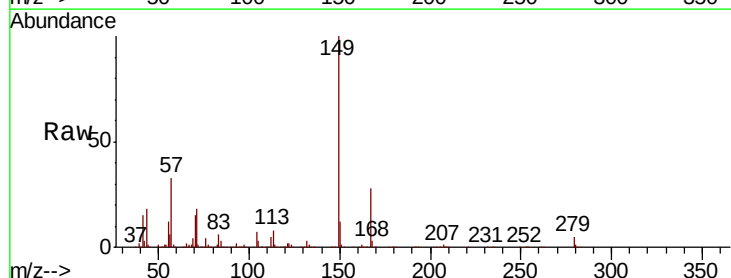
Manual Integrations
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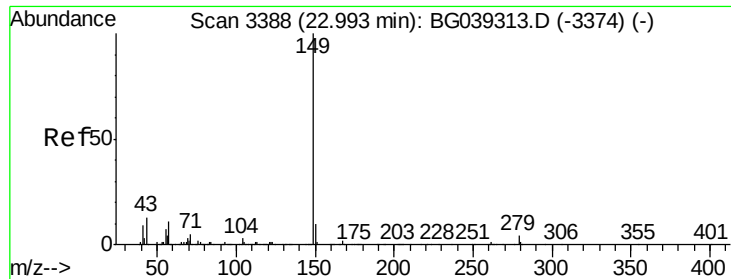
Sohil
2/13/2019 9:56:45 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.241 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	34.0
279	5.0	3.5	5.3





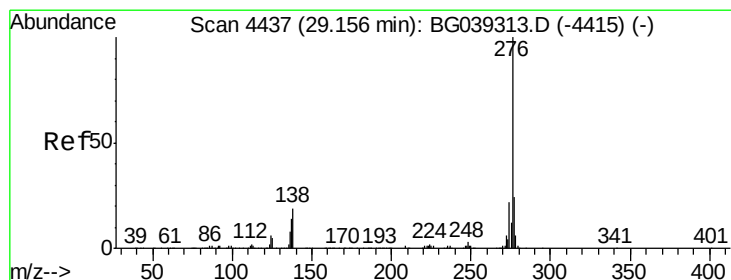
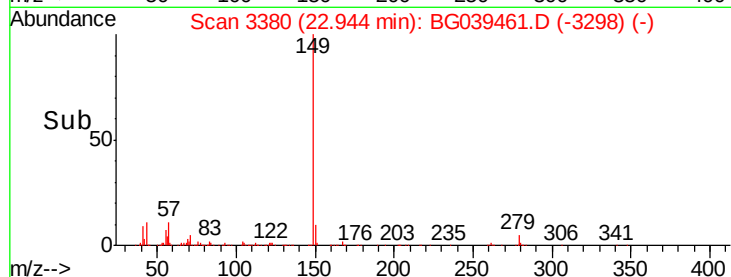
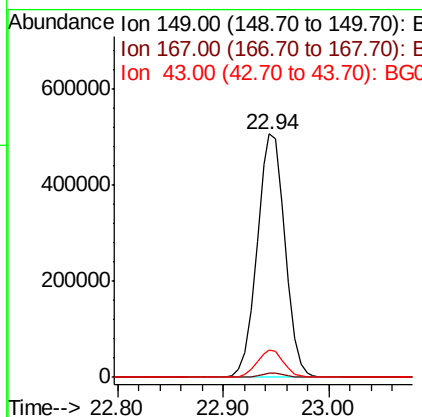
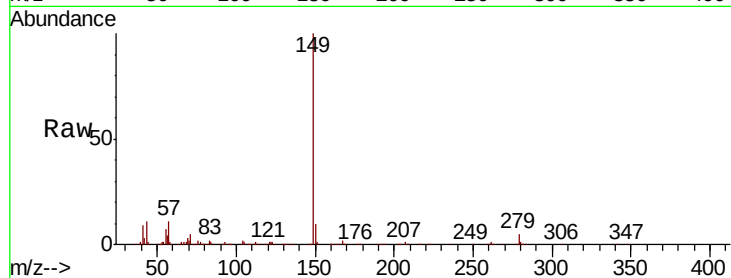
#85
Di-n-octyl phthalate
Concen: 41.575 ng
RT: 22.94 min Scan# 3380
Delta R.T. -0.05 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	924190		
167	1.6		1.3	1.9
43	10.7		10.2	15.4

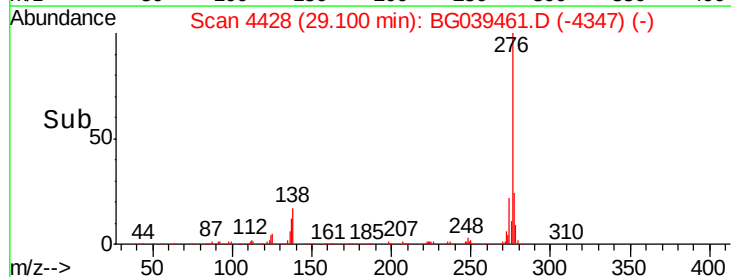
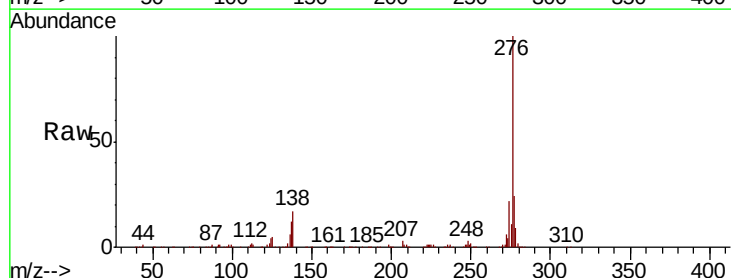
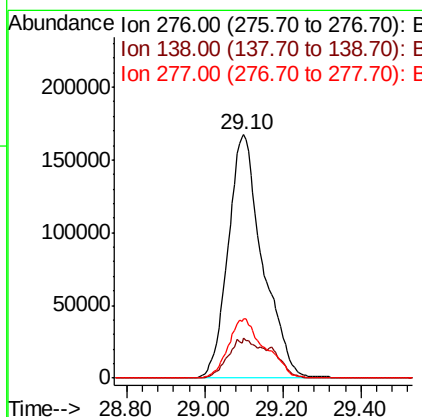
Manual Integrations
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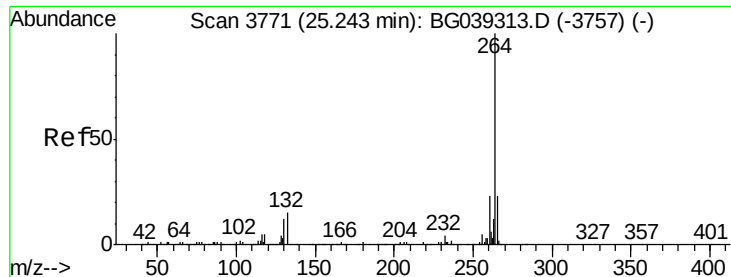
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.372 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.06 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1026793		
138	15.5		12.6	19.0
277	25.9		20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

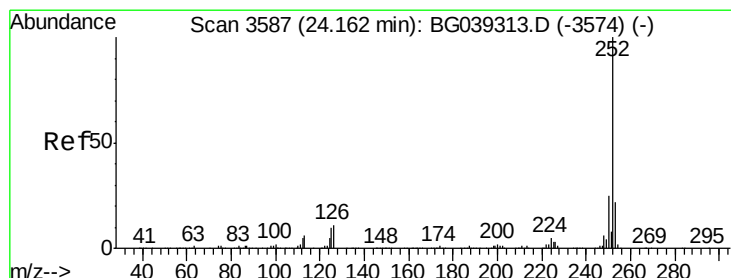
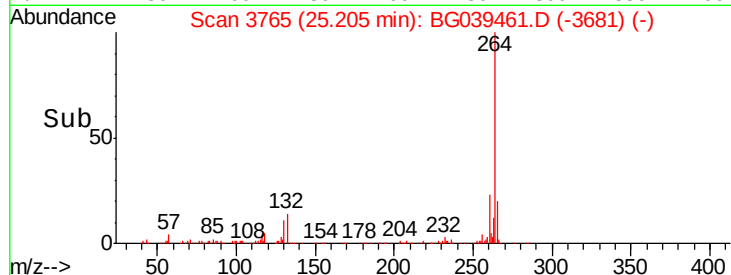
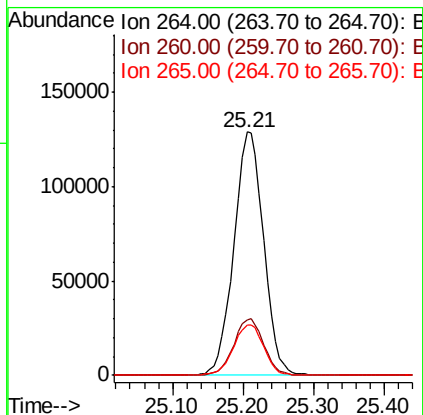
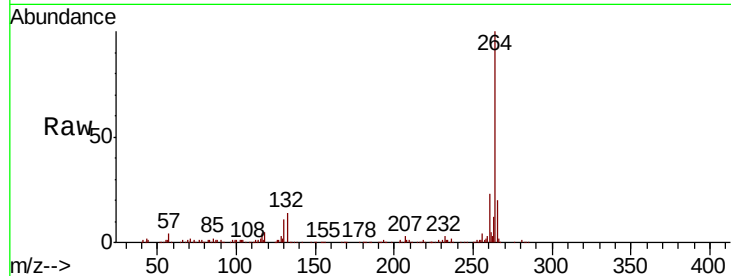
ClientSampleId :

PB116987BS

Tot Ion:	264	Resp:	376774
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.2	27.4
265	20.4	18.5	27.7

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#88

Benzo(b)fluoranthene

Concen: 43.090 ng

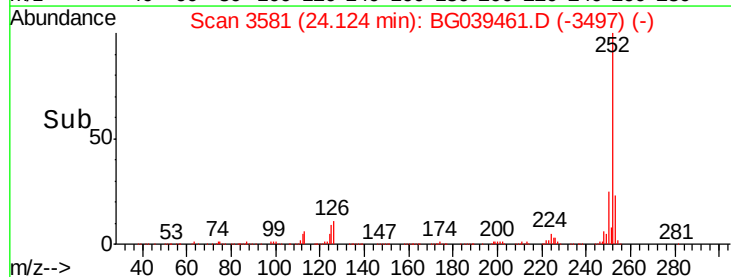
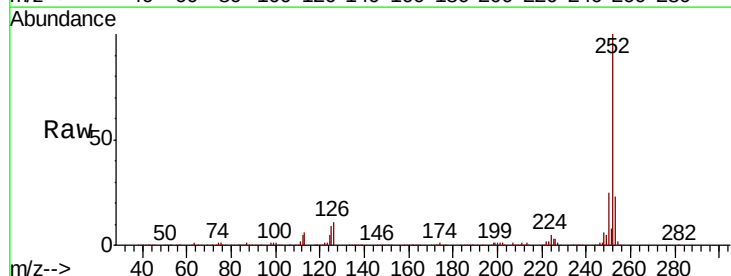
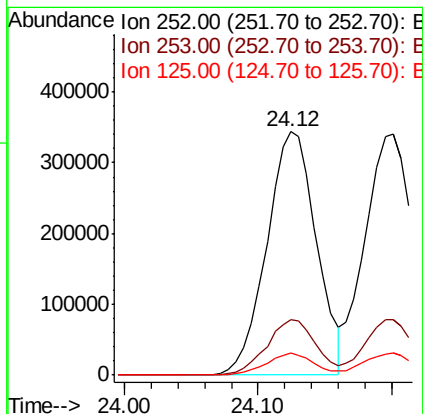
RT: 24.12 min Scan# 3581

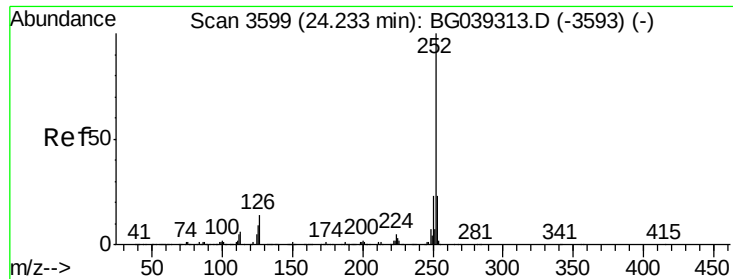
Delta R.T. -0.04 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:	252	Resp:	885396
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.8
125	8.9	7.8	11.6





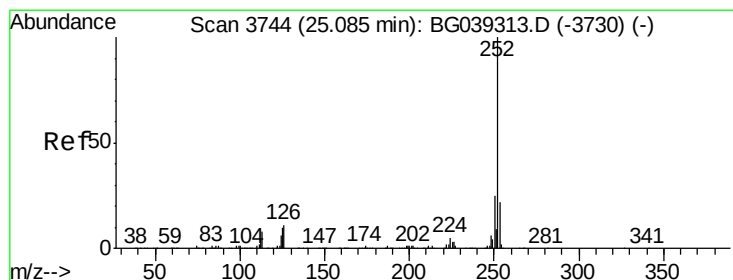
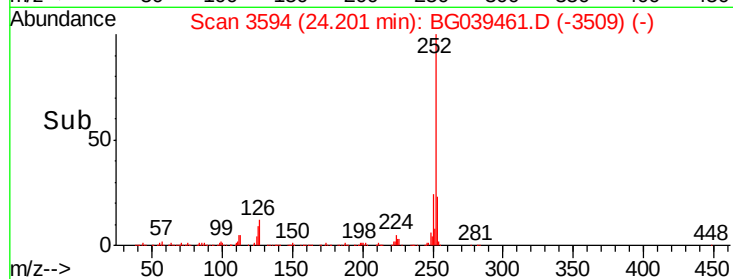
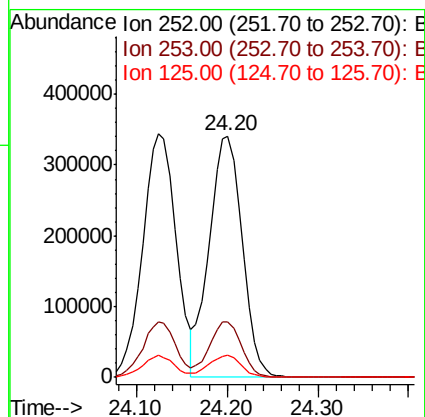
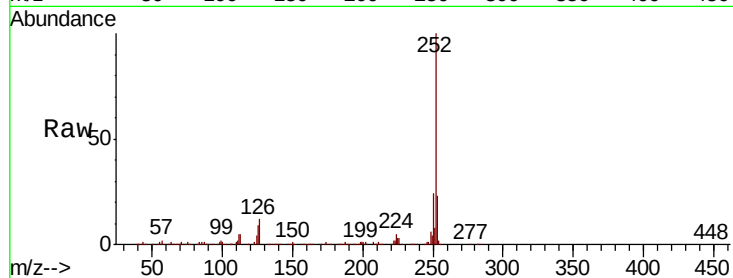
#89
Benzo(k)fluoranthene
Concen: 41.868 ng
RT: 24.20 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	9.1	7.4	11.2

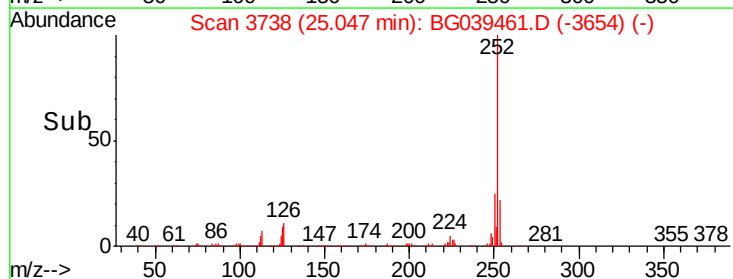
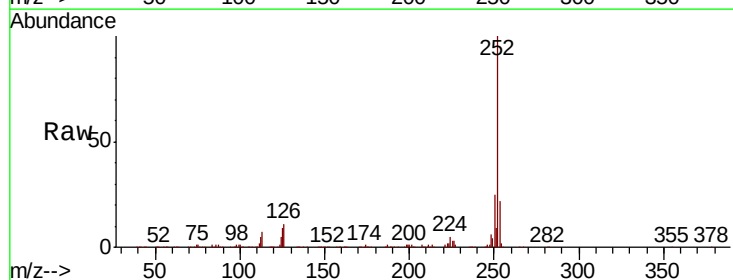
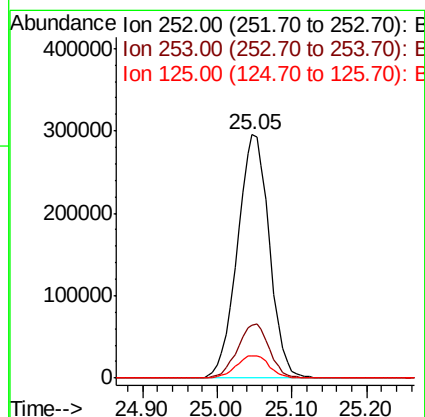
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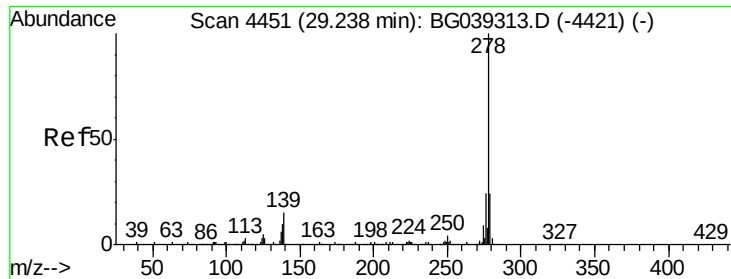
Sohil
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#90
Benzo(a)pyrene
Concen: 44.176 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.3	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.007 ng

RT: 29.17 min Scan# 4440

Delta R.T. -0.07 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

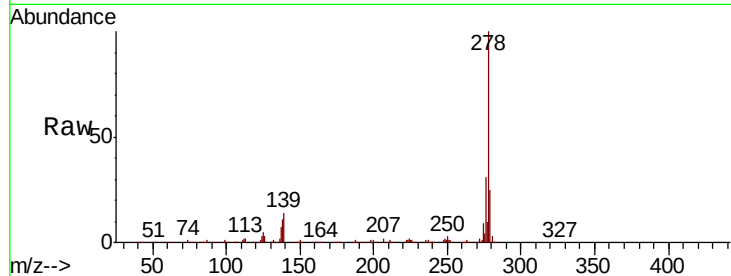
ClientSampleId :

PB116987BS

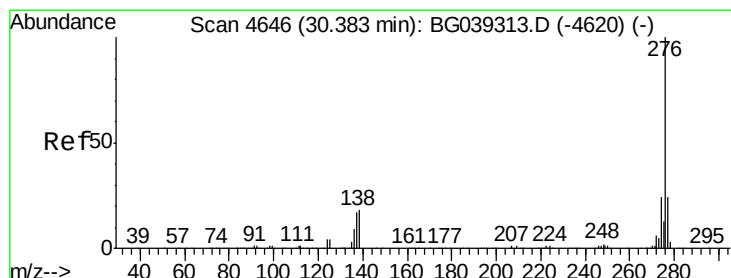
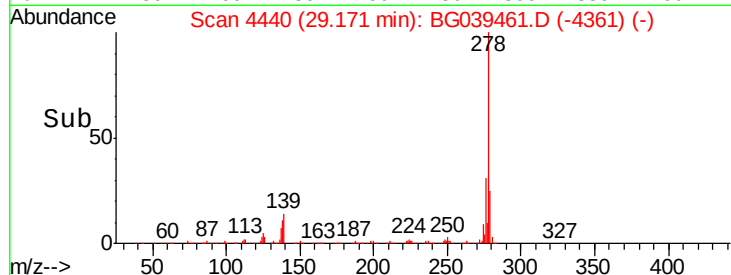
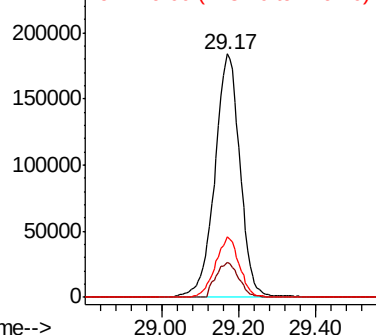
Tot Ion:	278	Resp:	834080
Ion Ratio	Lower	Upper	
278	100		
139	14.2	11.7	17.5
279	25.0	19.1	28.7

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.710 ng

RT: 30.33 min Scan# 4637

Delta R.T. -0.06 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:	276	Resp:	844330
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.6	29.4
138	17.8	14.7	22.1

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

