

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021319\
 Data File : BG039491.D
 Acq On : 13 Feb 2019 16:39
 Operator : JU/SJ
 Sample : PB117091BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117091BS

Manual Integrations
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Sohil
 2/14/2019 12:43:58 PM

Quant Time: Feb 14 02:59:02 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	8.18	152	49052	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	248638	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	180739	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	428521	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	430778	20.00	ng	-0.01
87) Perylene-d12	25.22	264	413095	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	371612	129.66	ng	0.00
7) Phenol-d6	7.31	99	557951	132.26	ng	0.00
23) Nitrobenzene-d5	9.35	82	319499	80.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	221536	113.83	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	833183	66.13	ng	-0.01
79) Terphenyl-d14	20.13	244	1295985	63.68	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.60	88	28823	22.991	ng	95
3) Pyridine	4.00	79	82289	24.792	ng	97
4) n-Nitrosodimethylamine	3.92	42	53738	32.373	ng	83
6) Aniline	7.49	93	126601	23.958	ng	97
8) 2-Chlorophenol	7.73	128	133640	42.658	ng	96
9) Benzaldehyde	7.31	77	45086	17.910	ng	95
10) Phenol	7.34	94	187759	42.695	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	119987	34.529	ng	95
12) 1,3-Dichlorobenzene	8.06	146	117879	31.060	ng	97
13) 1,4-Dichlorobenzene	8.20	146	121370	32.085	ng	99
14) 1,2-Dichlorobenzene	8.53	146	121528	33.187	ng	97
15) Benzyl Alcohol	8.40	79	131627	39.742	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	230267	29.343	ng	97
17) 2-Methylphenol	8.60	107	121739	42.778	ng	97
18) Hexachloroethane	9.26	117	43130	33.141	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	103575	34.591	ng	# 93
20) 3+4-Methylphenols	8.93	107	169297	43.200	ng	98
22) Acetophenone	9.00	105	198440	29.712	ng	# 95
24) Nitrobenzene	9.39	77	154203	35.863	ng	96
25) Isophorone	9.91	82	308204	34.945	ng	99
26) 2-Nitrophenol	10.10	139	76147	45.969	ng	95
27) 2,4-Dimethylphenol	10.14	122	147097	41.229	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	183672	33.810	ng	98
29) 2,4-Dichlorophenol	10.63	162	155789	39.953	ng	92
30) 1,2,4-Trichlorobenzene	10.85	180	142097	32.459	ng	99
31) Naphthalene	11.04	128	421219	34.149	ng	99
32) Benzoic acid	10.25	122	74963	35.077	ng	95
33) 4-Chloroaniline	11.15	127	99225	17.349	ng	99
34) Hexachlorobutadiene	11.31	225	88392	30.361	ng	97
35) Caprolactam	11.94	113	54493m	33.772	ng	
36) 4-Chloro-3-methylphenol	12.25	107	171567	38.045	ng	95
37) 2-Methylnaphthalene	12.64	142	332838	36.432	ng	95
38) 1-Methylnaphthalene	12.86	142	319619	36.294	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	183042	31.830	ng	99

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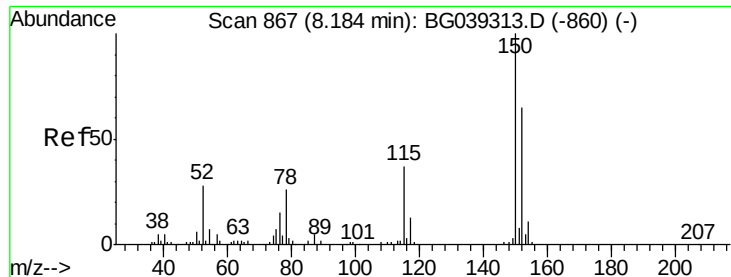
Manual Integrations
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 2/14/2019 12:43:58 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	207453	66.203	nq	98
43) 2,4,6-Trichlorophenol	13.23	196	134342	37.995	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	143637	38.760	nq	99
46) 1,1'-Biphenyl	13.63	154	457323	30.411	nq	99
47) 2-Chloronaphthalene	13.68	162	357102	31.566	nq	98
48) 2-Nitroaniline	13.89	65	121634	39.256	nq	92
49) Acenaphthylene	14.53	152	571160	33.460	nq	99
50) Dimethylphthalate	14.24	163	476025	32.611	nq	99
51) 2,6-Dinitrotoluene	14.37	165	106131	40.145	nq	93
52) Acenaphthene	14.86	154	352594	31.821	nq	100
53) 3-Nitroaniline	14.71	138	75913	28.469	nq	# 89
54) 2,4-Dinitrophenol	14.91	184	61041	58.400	nq	98
55) Dibenzofuran	15.20	168	568742	32.014	nq	99
56) 4-Nitrophenol	14.99	139	176384	67.784	nq	89
57) 2,4-Dinitrotoluene	15.15	165	151017	43.995	nq	# 87
58) Fluorene	15.84	166	454813	34.342	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	142595	41.097	nq	97
60) Diethylphthalate	15.59	149	478243	31.688	nq	98
61) 4-Chlorophenyl-phenylether	15.82	204	241080	32.149	nq	97
62) 4-Nitroaniline	15.87	138	108953	36.680	nq	92
63) Azobenzene	16.12	77	430280	29.169	nq	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	60268	38.849	nq	92
66) n-Nitrosodiphenylamine	16.04	169	414675	31.825	nq	97
67) 4-Bromophenyl-phenylether	16.72	248	158679	33.378	nq	95
68) Hexachlorobenzene	16.83	284	162411	34.051	nq	94
69) Atrazine	16.98	200	164387	34.523	nq	98
70) Pentachlorophenol	17.18	266	295660	89.189	nq	99
71) Phenanthrene	17.59	178	737084	33.233	nq	99
72) Anthracene	17.67	178	737331	33.751	nq	99
73) Carbazole	17.94	167	657272	30.147	nq	98
74) Di-n-butylphthalate	18.48	149	787457	30.959	nq	100
75) Fluoranthene	19.58	202	885707	34.406	nq	99
77) Benzidine	19.76	184	176857	12.522	nq	97
78) Pyrene	19.95	202	887882	33.109	nq	99
80) Butylbenzylphthalate	20.81	149	376592	33.290	nq	97
81) Benzo(a)anthracene	21.81	228	877484	34.473	nq	100
82) 3,3'-Dichlorobenzidine	21.72	252	212234	22.486	nq	100
83) Chrysene	21.88	228	822923	33.962	nq	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	519952	32.218	nq	99
85) Di-n-octyl phthalate	22.95	149	894723	33.557	nq	96
86) Indeno(1,2,3-cd)pyrene	29.11	276	953114	36.661	nq	98
88) Benzo(b)fluoranthene	24.13	252	838950	37.240	nq	99
89) Benzo(k)fluoranthene	24.21	252	825147	36.482	nq	100
90) Benzo(a)pyrene	25.06	252	828488	38.185	nq	99
91) Dibenzo(a,h)anthracene	29.18	278	778597	38.319	nq	98
92) Benzo(g,h,i)perylene	30.33	276	775822	38.308	nq	99

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



#1

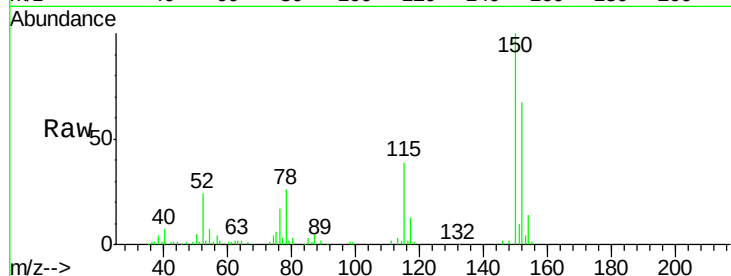
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	123.7	185.5
115	58.9	45.9	68.9

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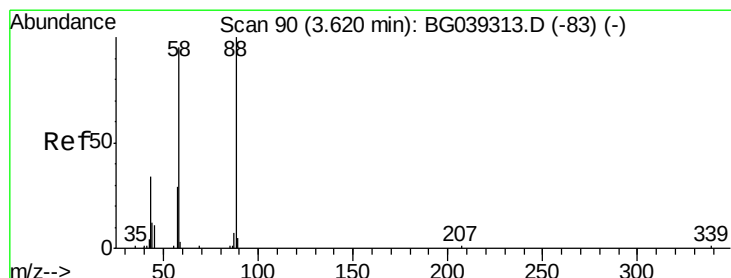
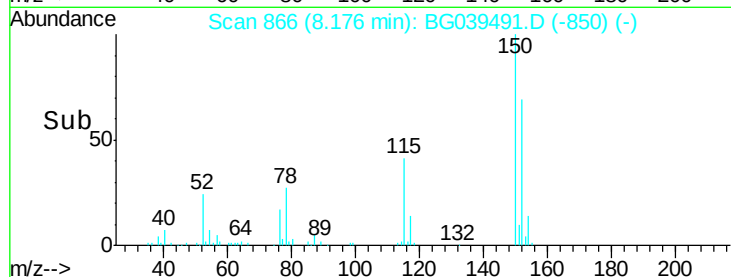
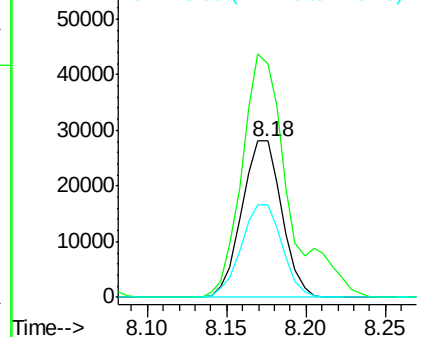


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

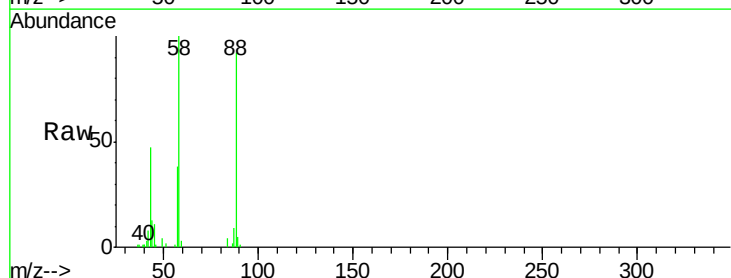
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.991 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.3	81.1	121.7
43	41.1	31.4	47.0

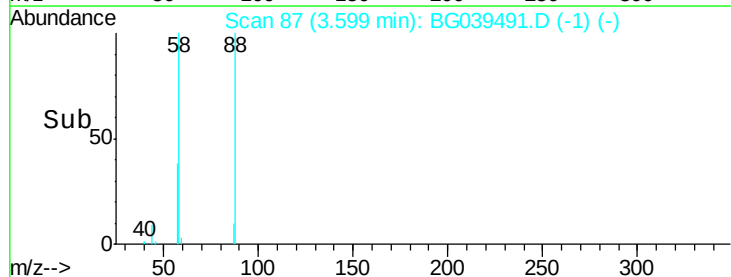
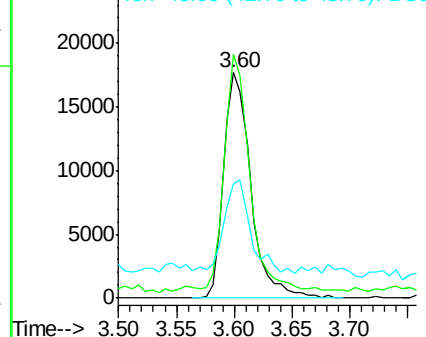


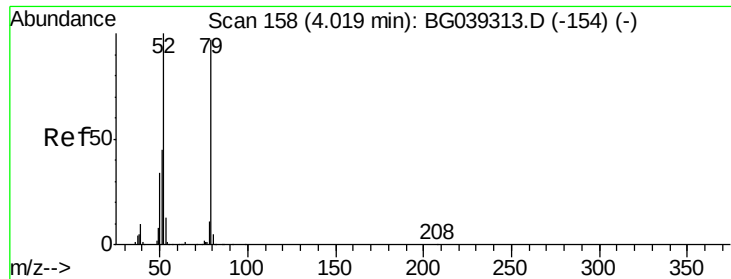
Abundance

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





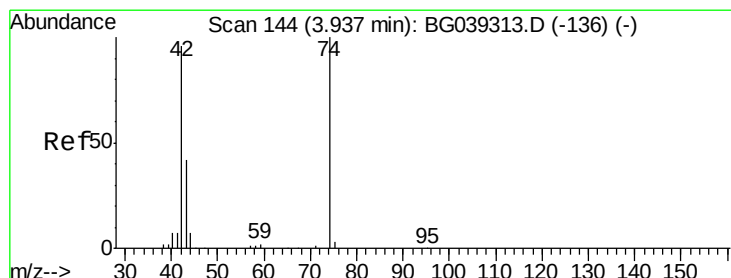
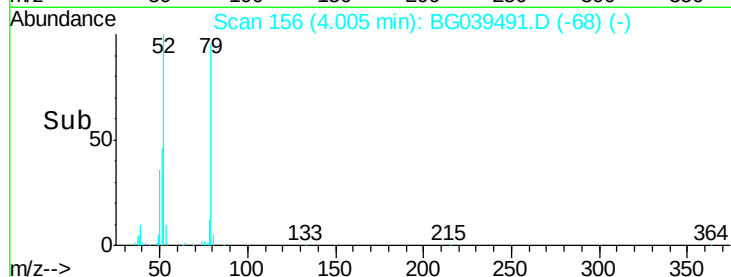
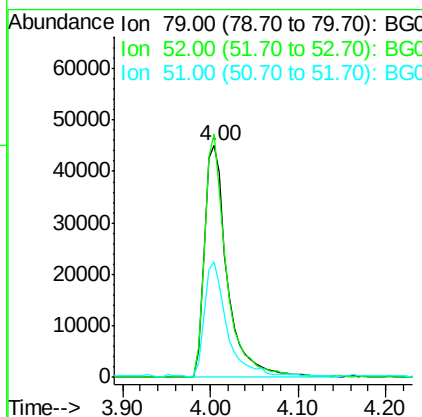
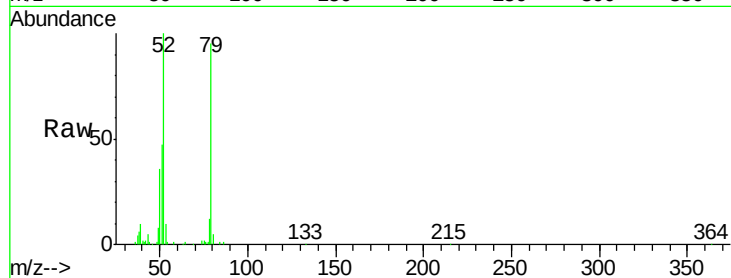
#3
 Pvridine
 Concen: 24.792 ng
 RT: 4.00 min Scan# 156
 Delta R.T. -0.01 min
 Lab File: BG039491.D
 Acq: 13 Feb 2019 16:39

Instrument :
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 ClientSampleId :
 PB117091BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	105.1	82.6	124.0		
51	49.8	37.5	56.3		

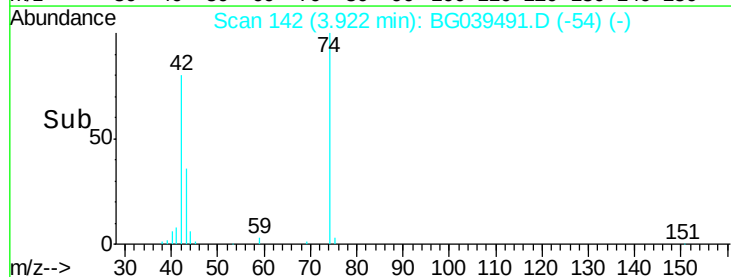
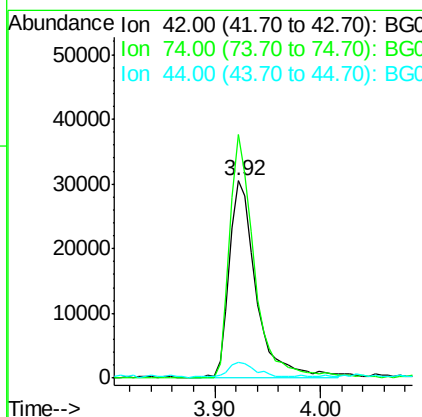
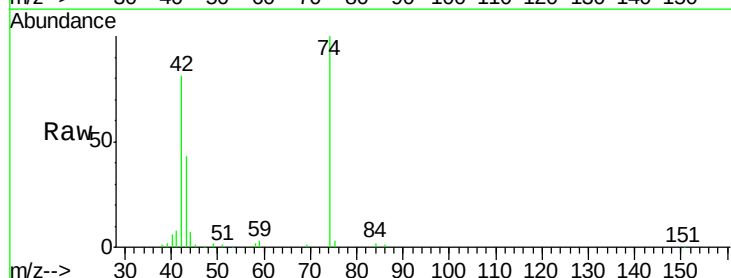
Manual Integrations
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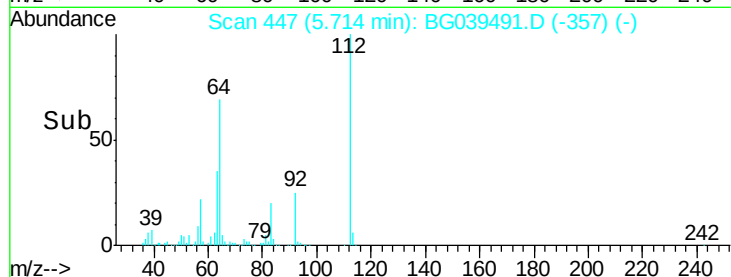
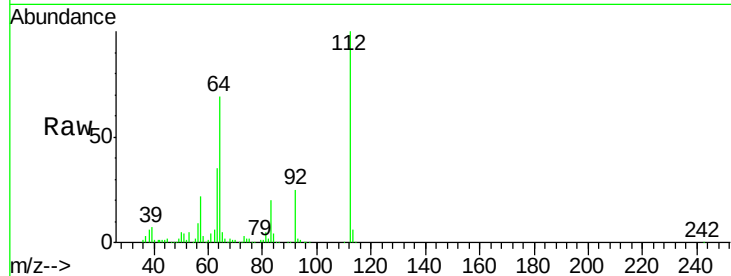
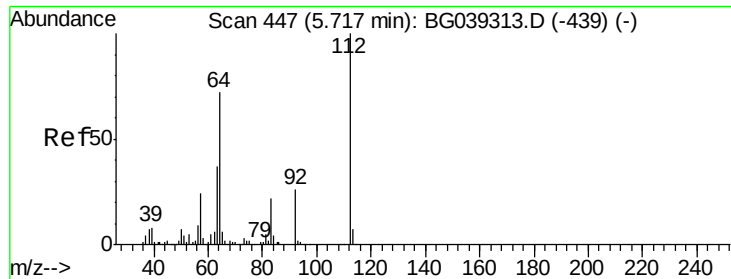
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#4
 n-Nitrosodimethylamine
 Concen: 32.373 ng
 RT: 3.92 min Scan# 142
 Delta R.T. -0.01 min
 Lab File: BG039491.D
 Acq: 13 Feb 2019 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	123.4	83.6	125.4		
44	8.1	6.9	10.3		





#5

2-Fluorophenol

Concen: 129.662 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tot Ion:	112	Resp:	371612
Ion Ratio	Lower	Upper	
112	100		
64	68.6	57.8	86.8
63	35.2	29.8	44.6

Instrument :

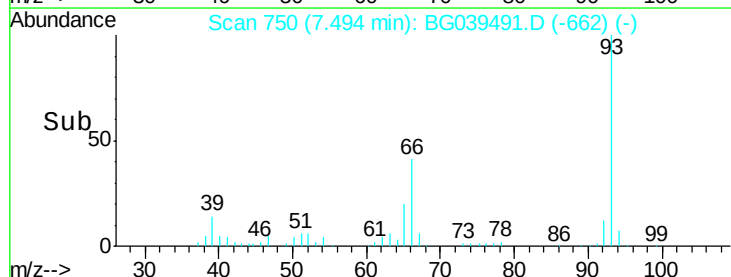
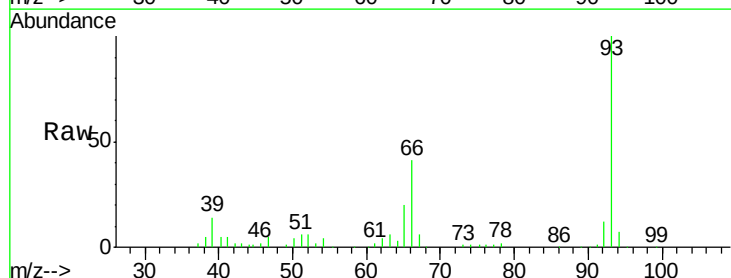
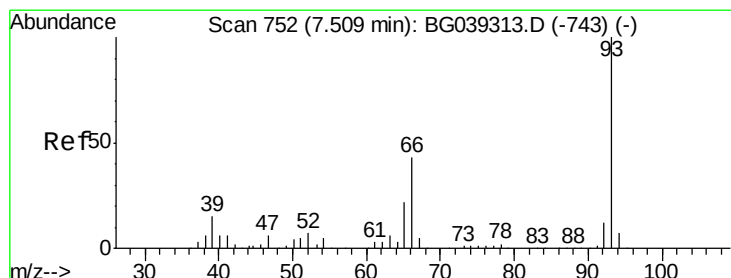
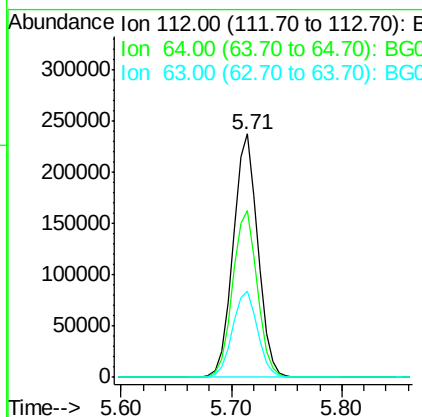
BNA_G

ClientSampleId :

PB117091BS

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#6

Aniline

Concen: 23.958 ng

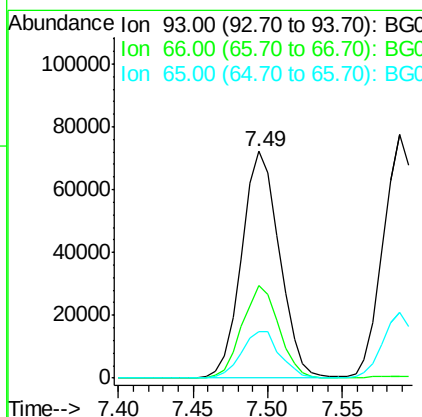
RT: 7.49 min Scan# 750

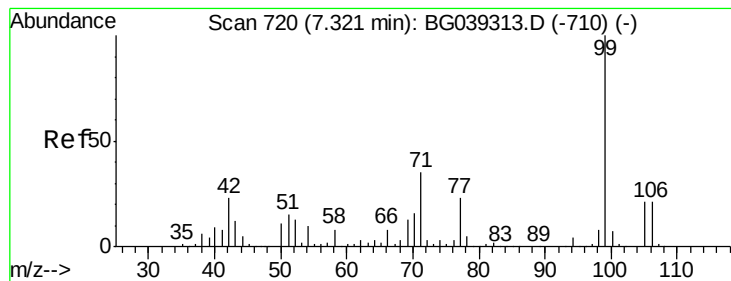
Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion:	93	Resp:	126601
Ion Ratio	Lower	Upper	
93	100		
66	40.8	34.2	51.4
65	20.5	17.7	26.5





#7

Phenol-d6

Concen: 132.257 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

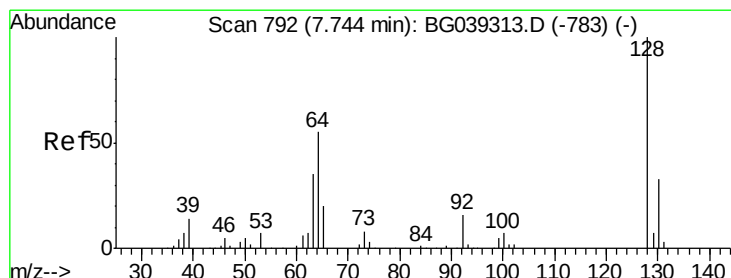
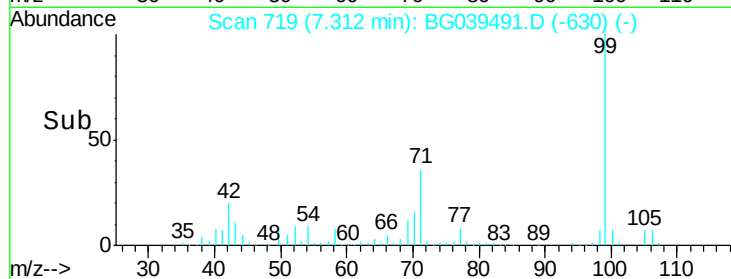
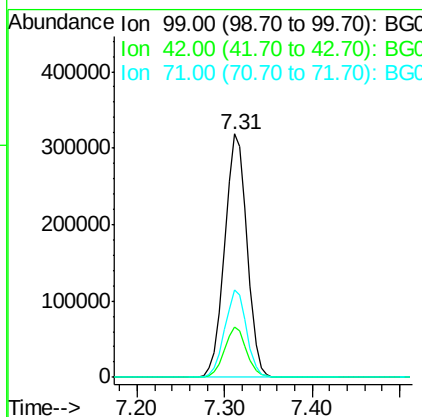
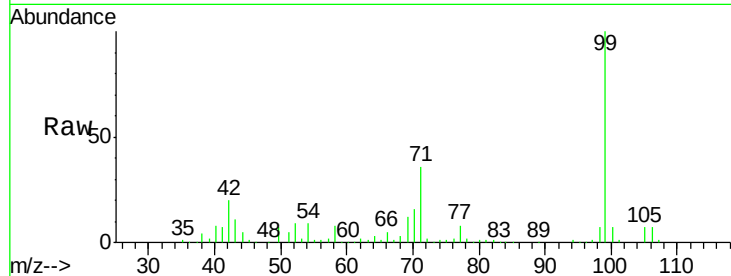
ClientSampleId :

PB117091BS

Tot Ion:	99	Resp:	557951
Ion Ratio		Lower	Upper
99	100		
42	20.4	18.2	27.2
71	35.7	28.0	42.0

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#8

2-Chlorophenol

Concen: 42.658 ng

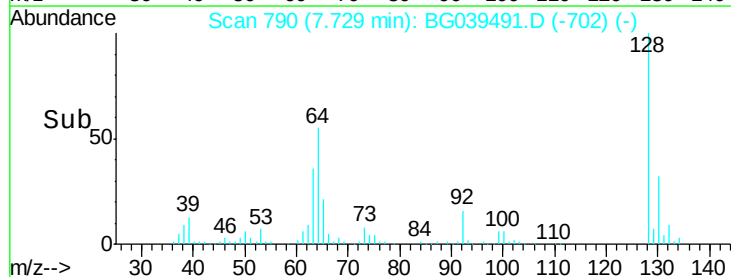
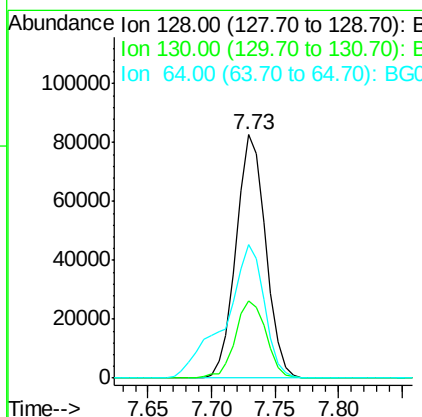
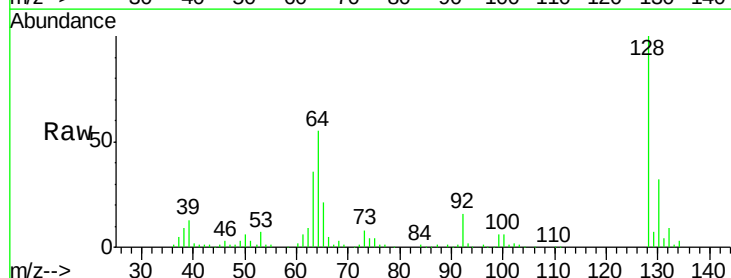
RT: 7.73 min Scan# 790

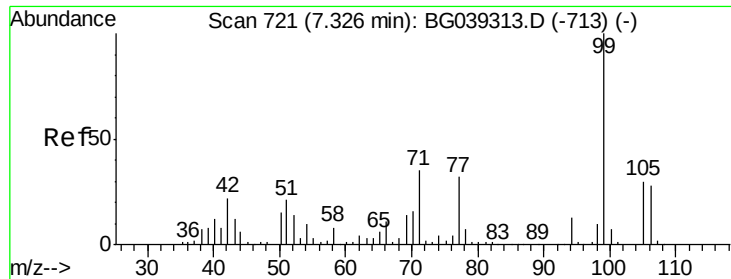
Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion:	128	Resp:	133640
Ion Ratio		Lower	Upper
128	100		
130	32.0	12.9	52.9
64	54.7	38.7	78.7





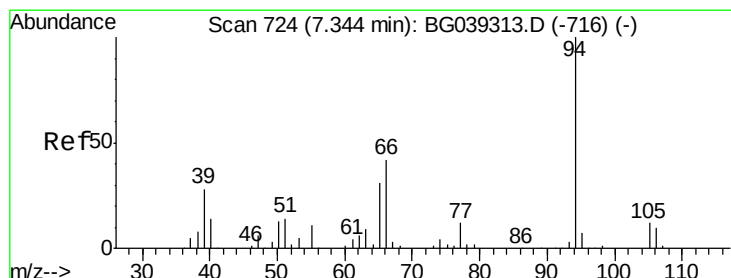
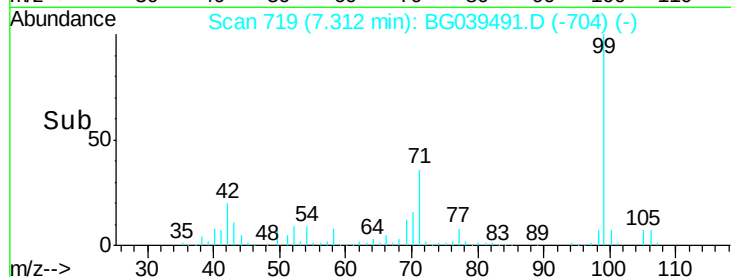
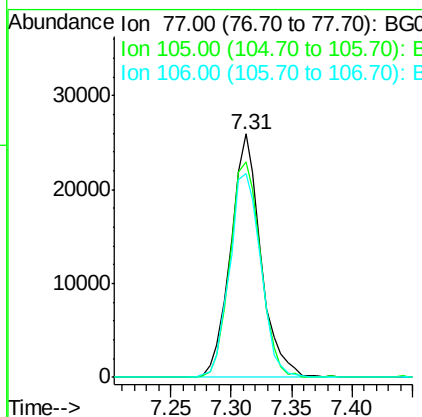
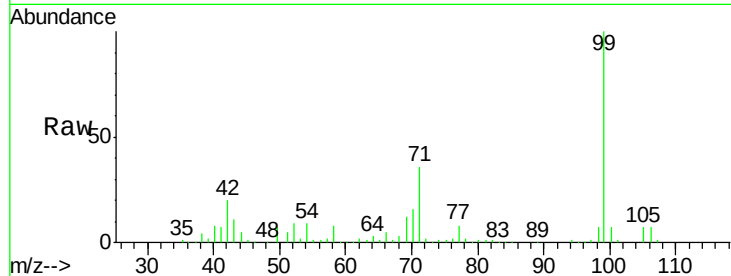
#9
Benzaldehyde
Concen: 17.910 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.3	74.5	114.5
106	83.9	68.0	108.0

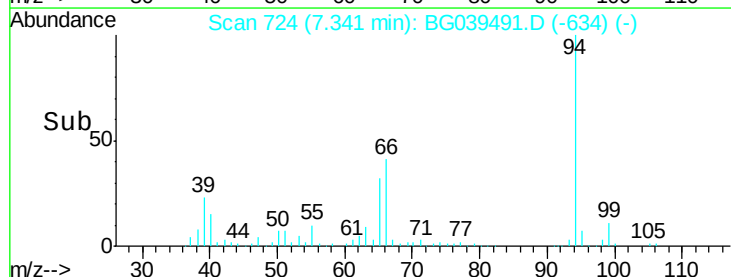
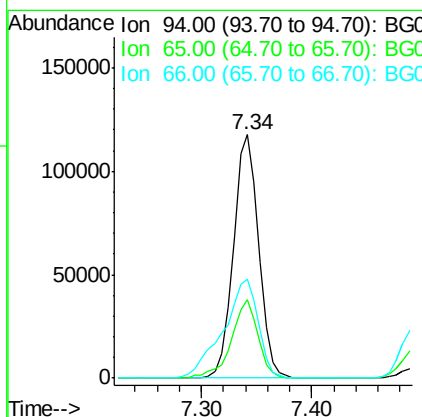
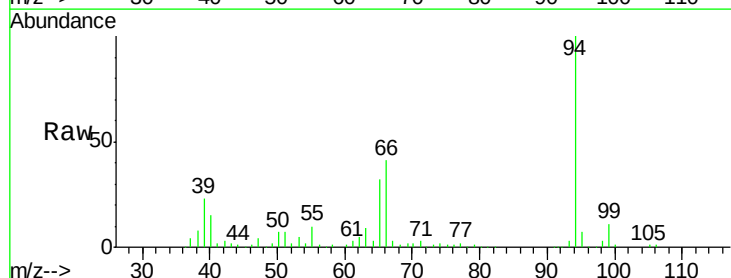
Manual Integrations
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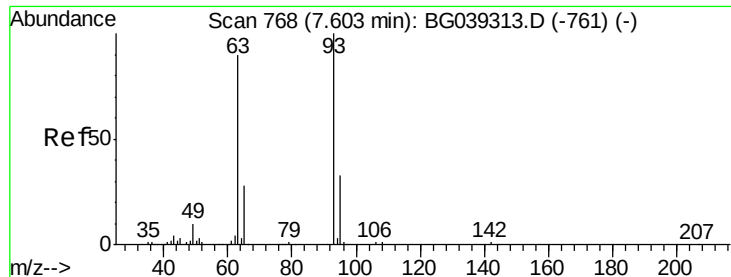
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#10
Phenol
Concen: 42.695 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.7	51.7
66	40.5	23.7	63.7





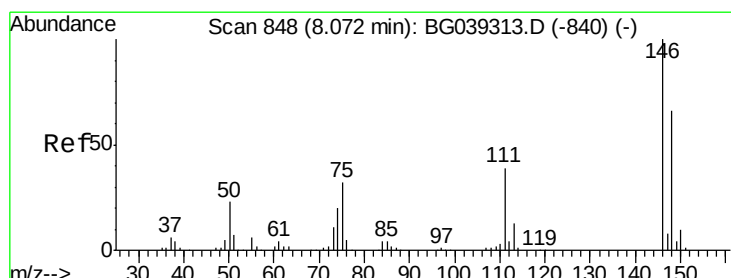
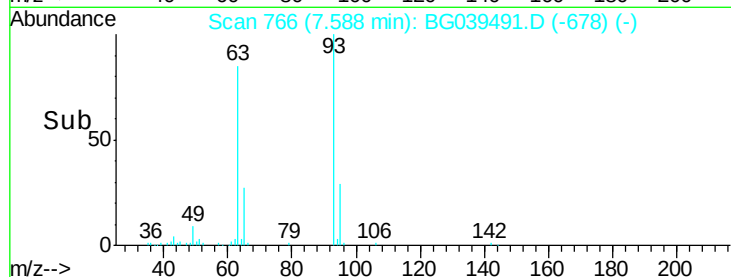
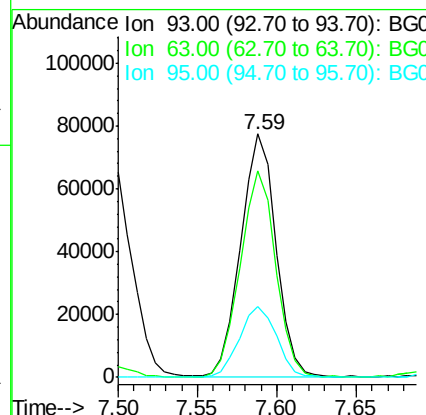
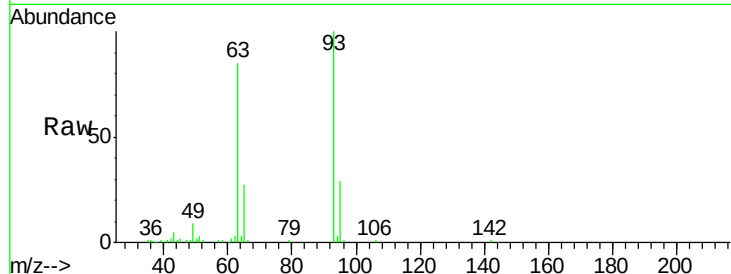
#11
bis(2-Chloroethyl)ether
Concen: 34.529 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampled :
PB117091BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.9	69.5	109.5
95	29.3	12.7	52.7

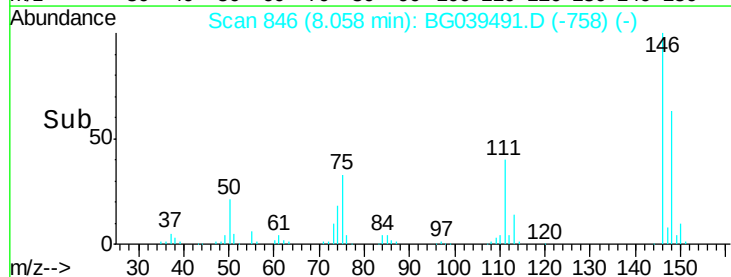
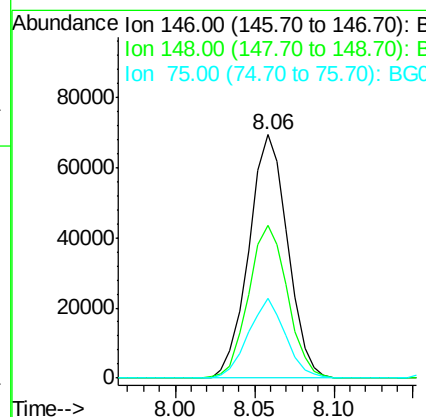
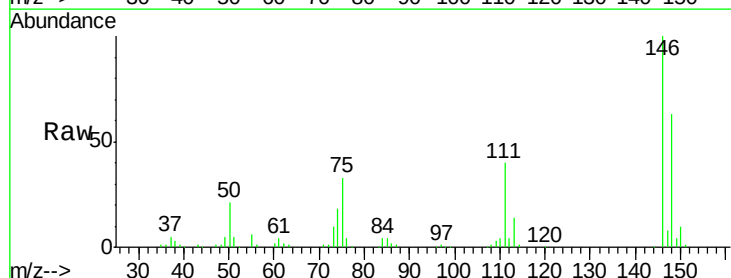
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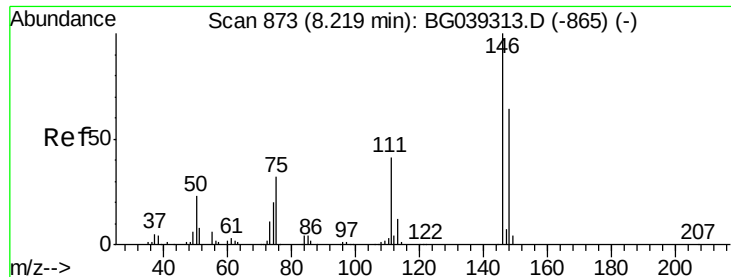
Sohil
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#12
1,3-Dichlorobenzene
Concen: 31.060 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.6	79.0
75	32.6	25.8	38.6





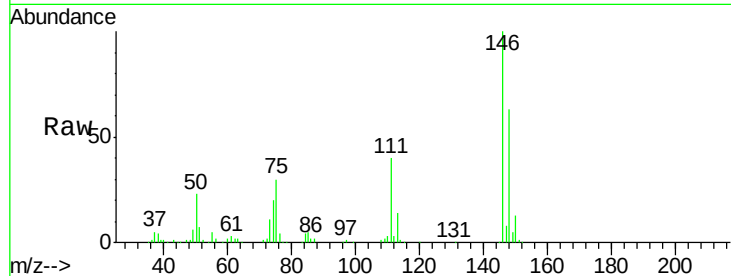
#13
1,4-Dichlorobenzene
Concen: 32.085 ng
RT: 8.20 min Scan# 871
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

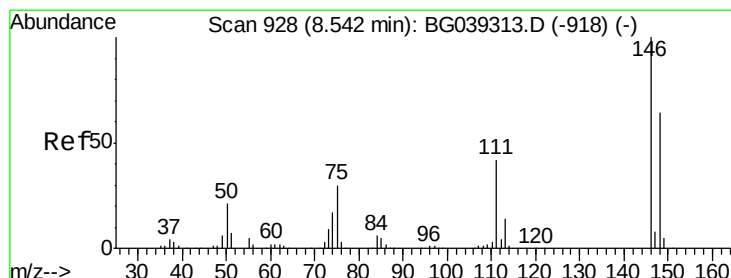
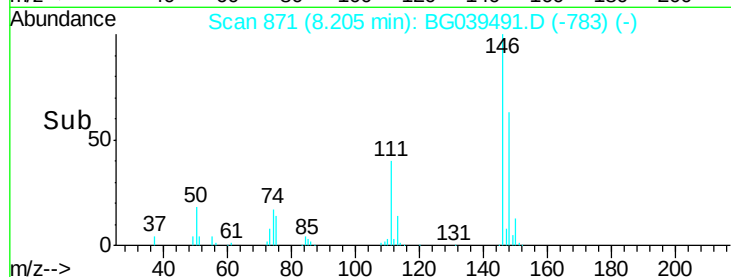
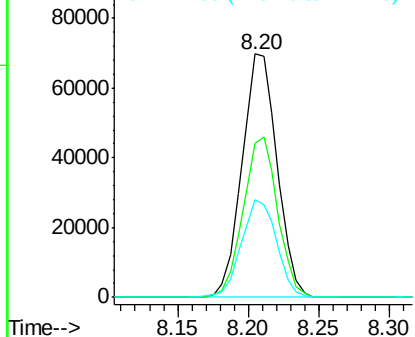
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	40.0	32.6	48.8

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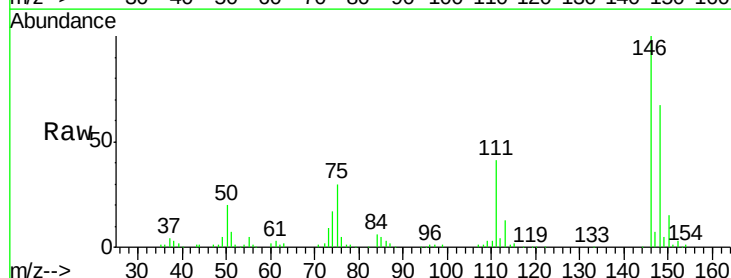


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

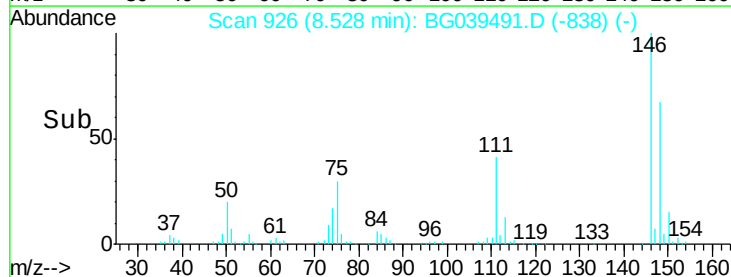
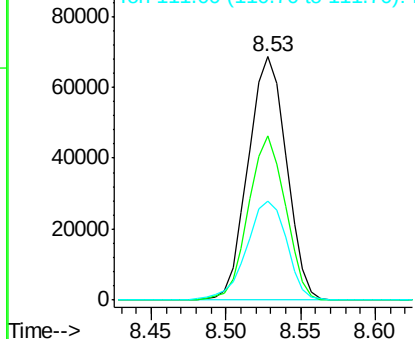


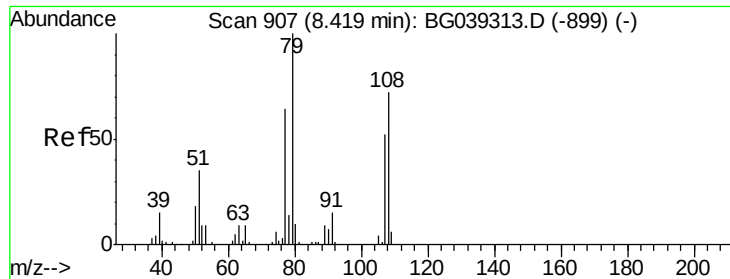
#14
1,2-Dichlorobenzene
Concen: 33.187 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	51.5	77.3
111	40.7	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: 39.742 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

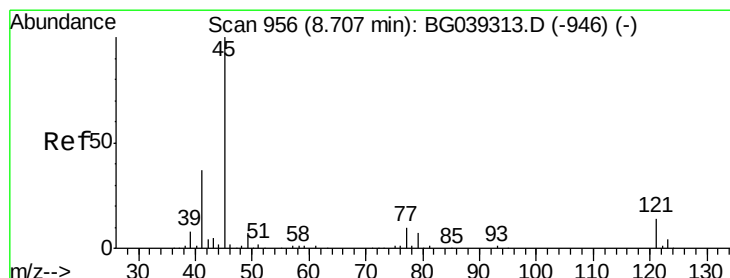
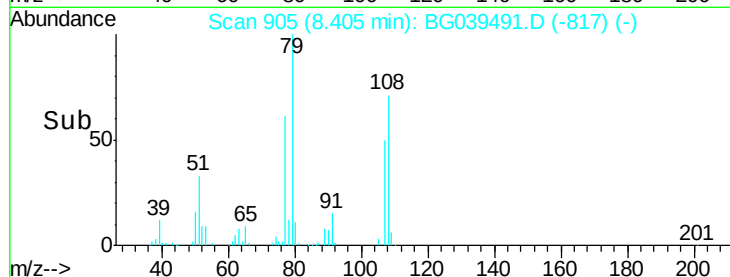
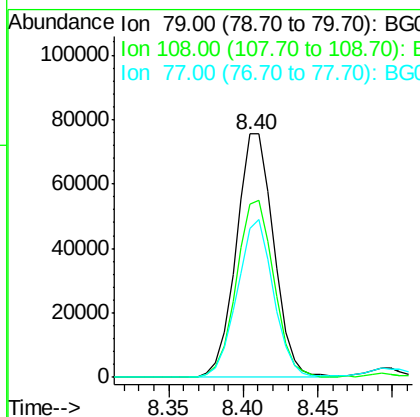
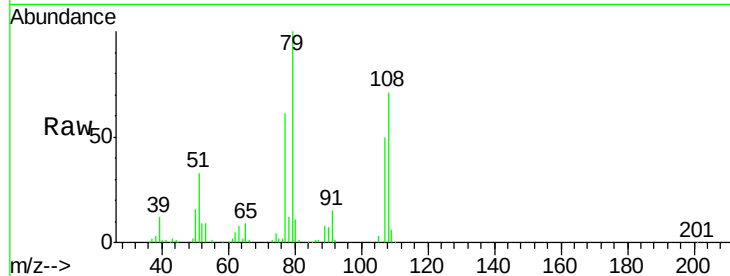
ClientSampled :

PB117091BS

Tot Ion:	79	Resp:	131627
Ion Ratio	Lower	Upper	
79	100		
108	71.1	57.8	86.6
77	61.1	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.343 ng

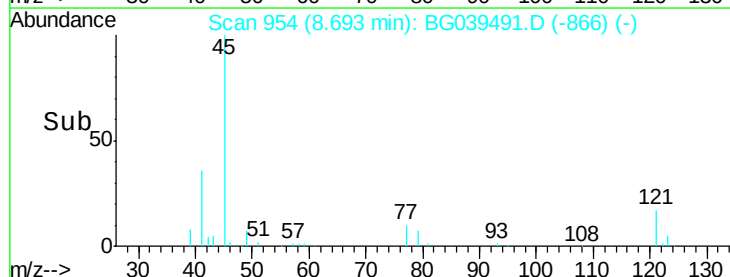
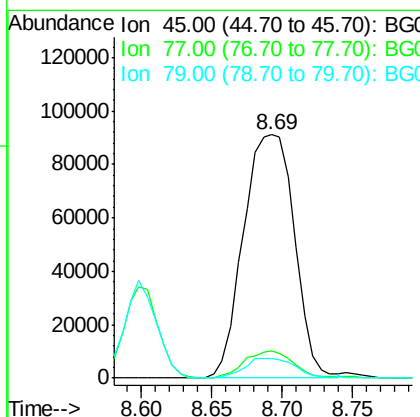
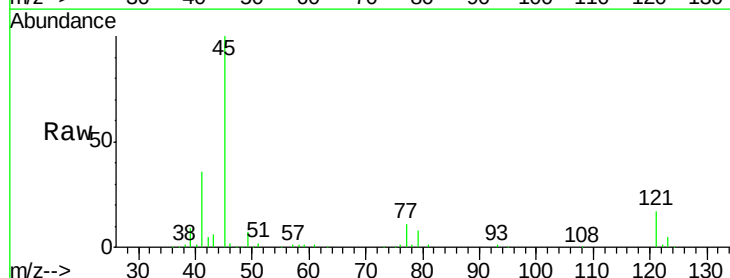
RT: 8.69 min Scan# 954

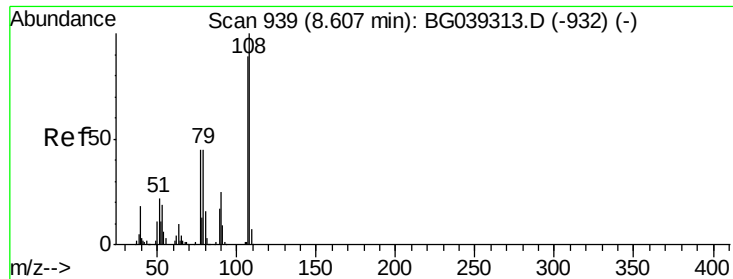
Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion:	45	Resp:	230267
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	30.0
79	7.9	0.0	27.5





#17

2-Methylphenol

Concen: 42.778 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

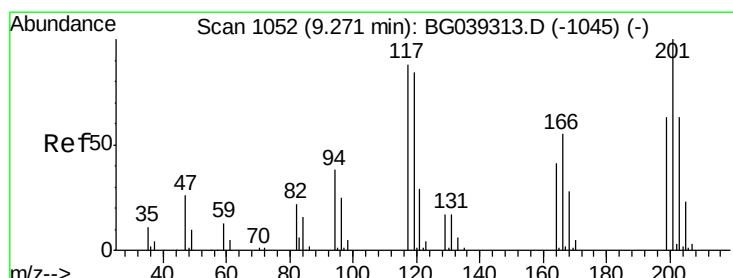
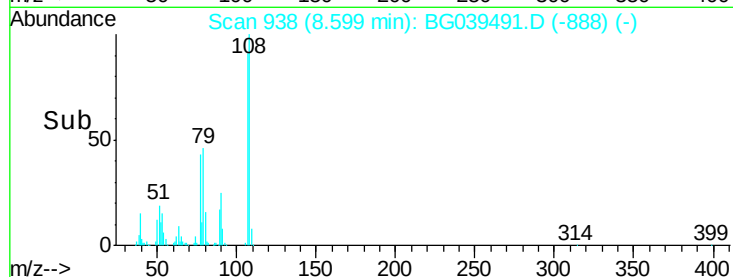
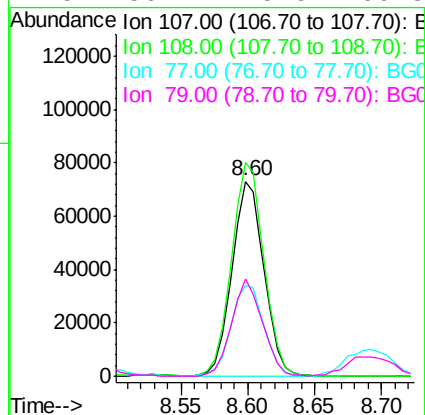
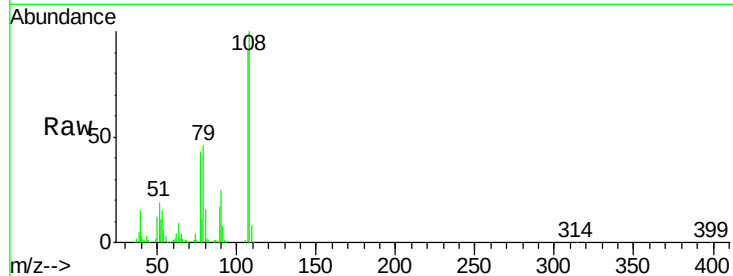
ClientSampleId :

PB117091BS

Tot Ion	107	Resp	121739
Ion Ratio	Lower	Upper	
107	100		
108	109.7	90.8	136.2
77	46.7	40.7	61.1
79	50.2	40.6	60.8

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#18

Hexachloroethane

Concen: 33.141 ng

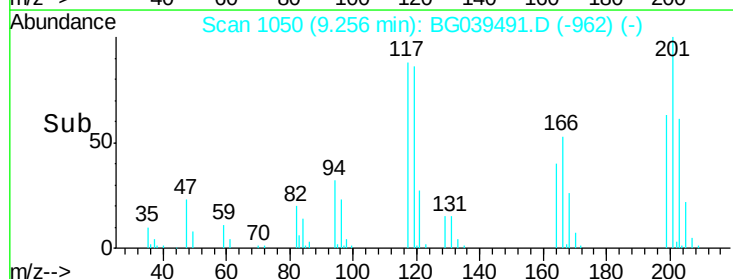
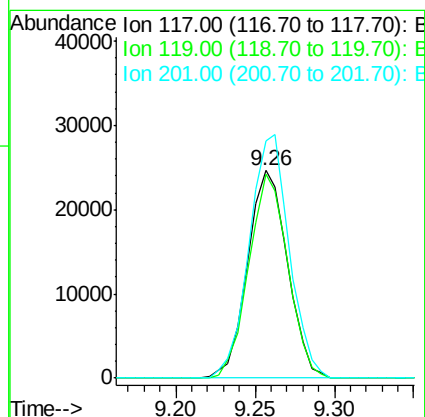
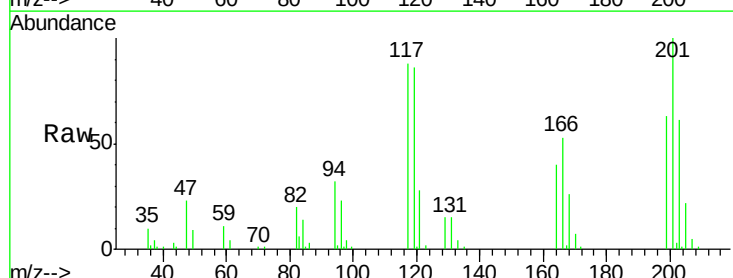
RT: 9.26 min Scan# 1050

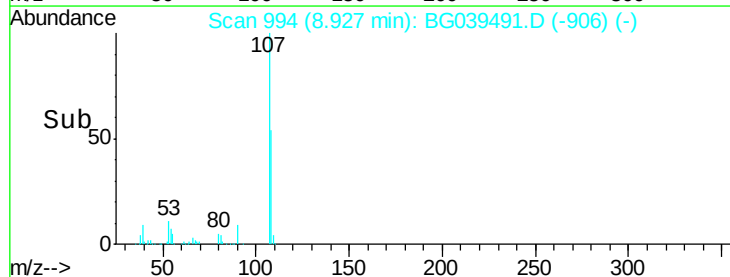
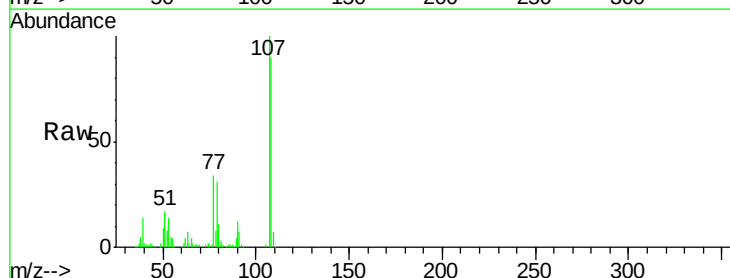
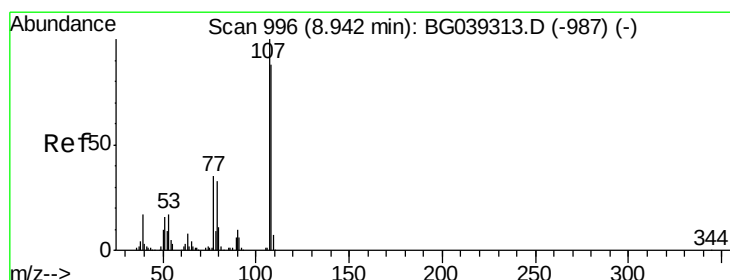
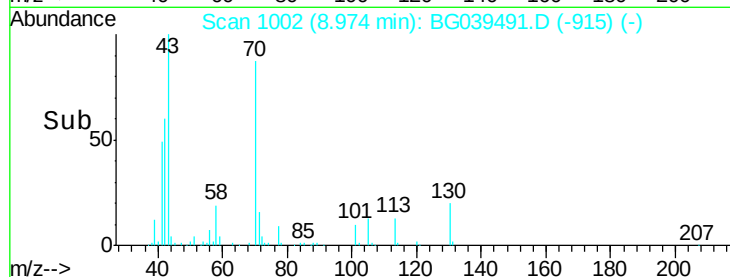
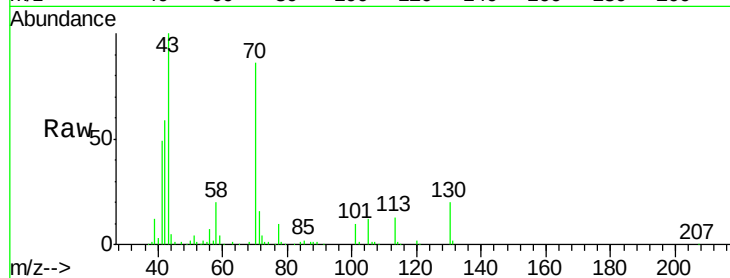
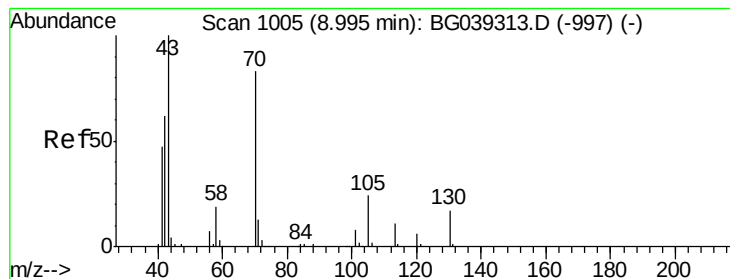
Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion	117	Resp	43130
Ion Ratio	Lower	Upper	
117	100		
119	98.4	76.3	114.5
201	114.2	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 34.591 ng

RT: 8.97 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	68.8	60.4	90.6		
101	11.7	7.5	11.3		
130	23.2	16.9	25.3		

Instrument :

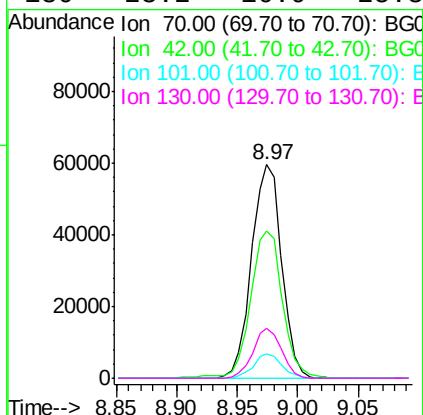
BNA_G

ClientSampleId :

PB117091BS

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#20

3+4-Methylphenols

Concen: 43.200 ng

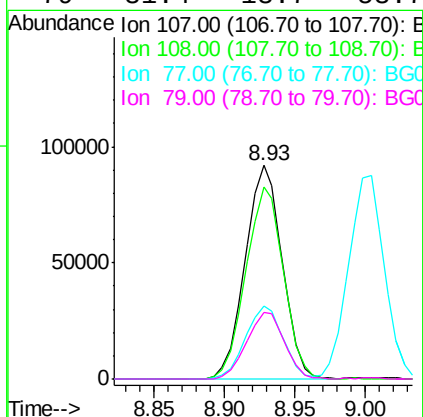
RT: 8.93 min Scan# 994

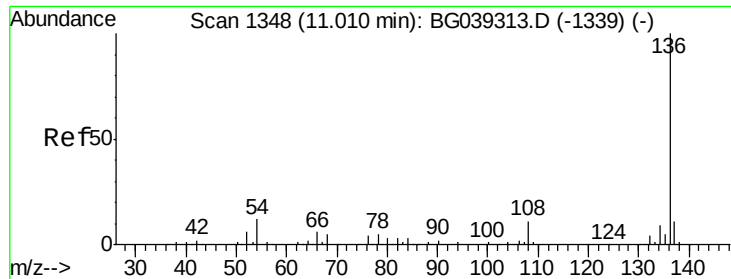
Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.9	67.9	107.9		
77	34.4	15.4	55.4		
79	31.4	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: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

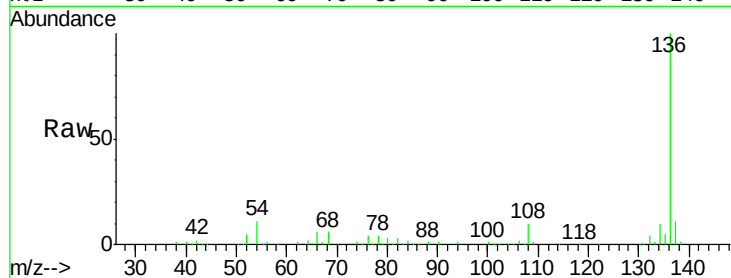
ClientSampleId :

PB117091BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		248638		
137	11.0	9.1	13.7		
54	10.8	9.4	14.2		
68	5.7	4.2	6.4		

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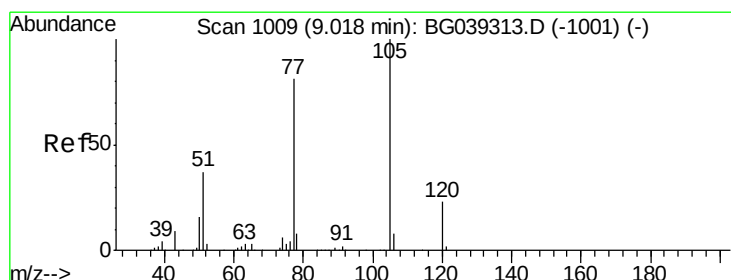
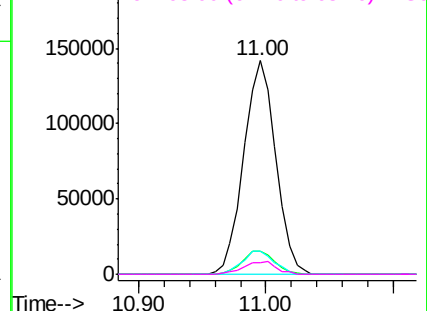
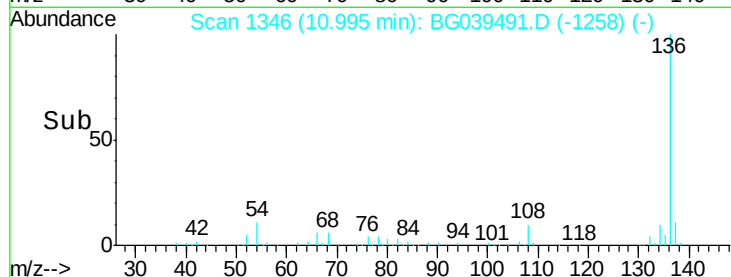
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 29.712 ng

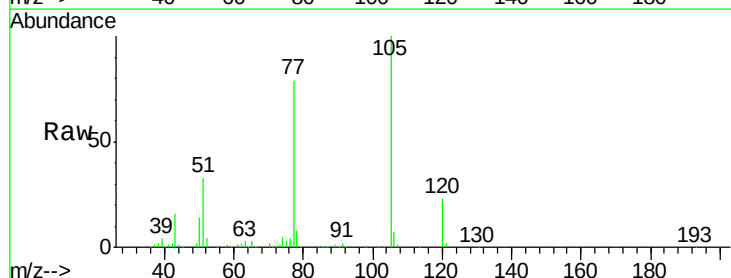
RT: 9.00 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		198440		
71	0.4	0.8	1.2#		
51	32.6	30.2	45.2		
120	22.8	18.0	27.0		



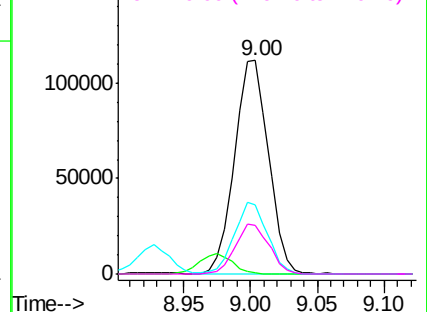
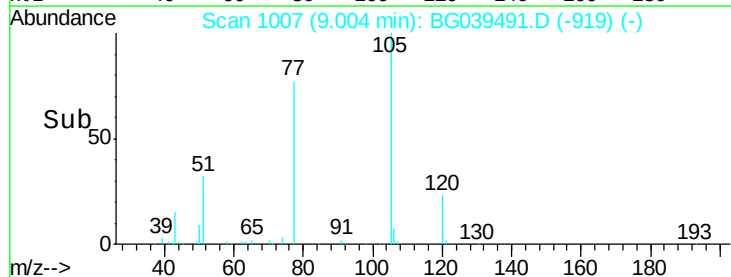
Abundance

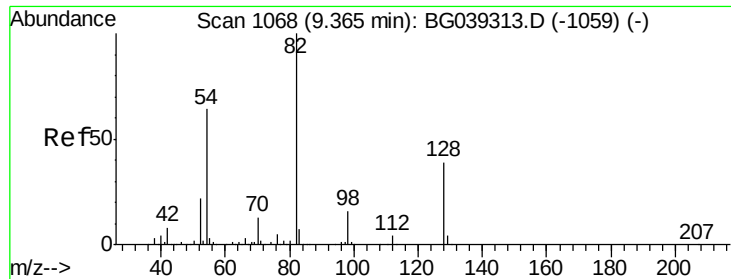
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





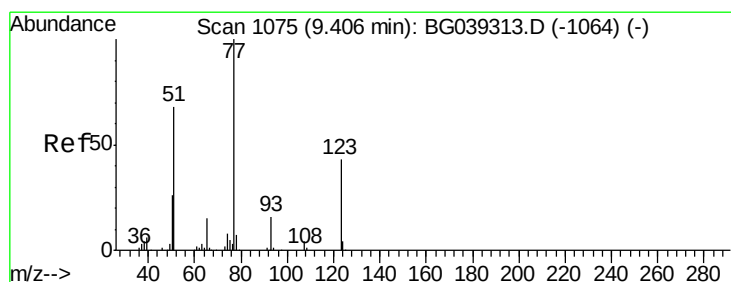
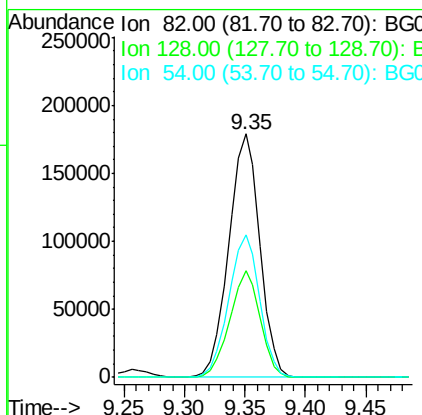
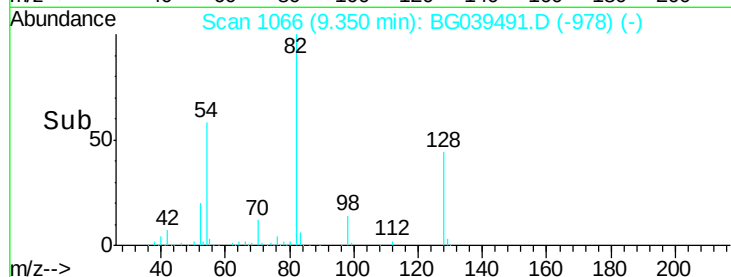
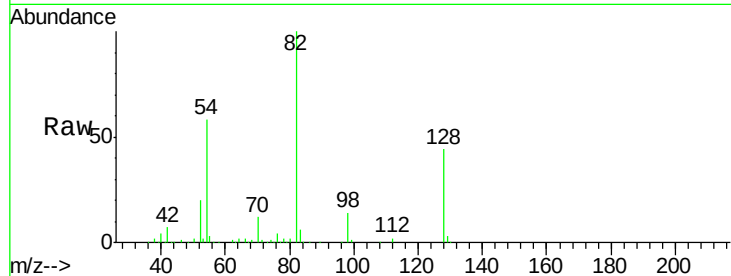
#23
Nitrobenzene-d5
Concen: 80.276 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.8	31.3	46.9	
54	58.3	50.9	76.3	

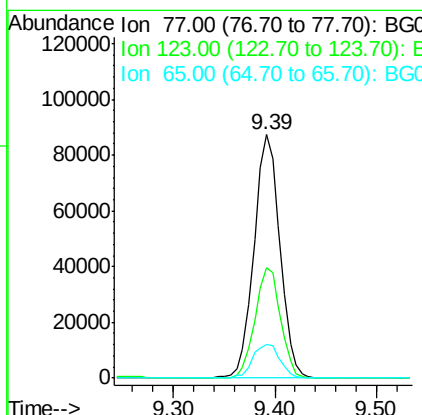
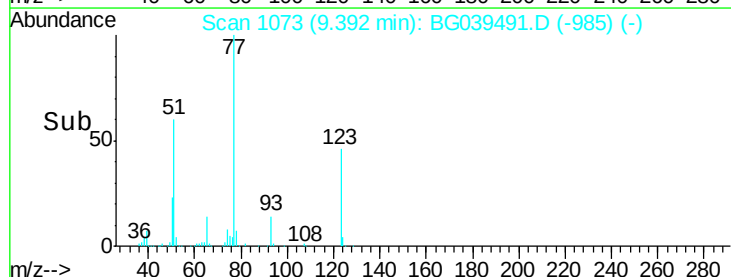
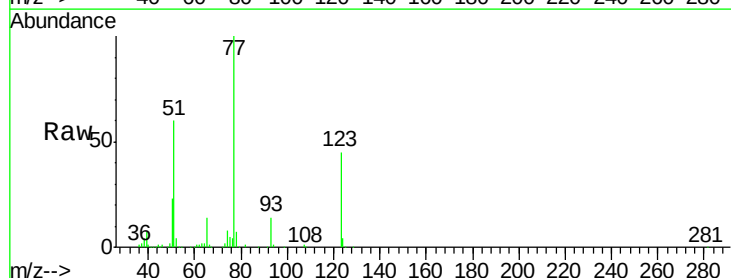
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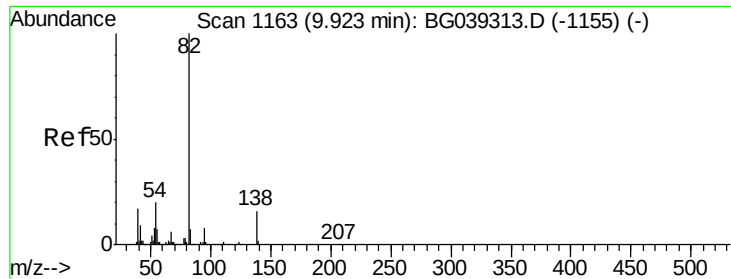
Sohil
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#24
Nitrobenzene
Concen: 35.863 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.4	34.1	51.1	
65	13.9	12.3	18.5	





#25

Isophorone

Concen: 34.945 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

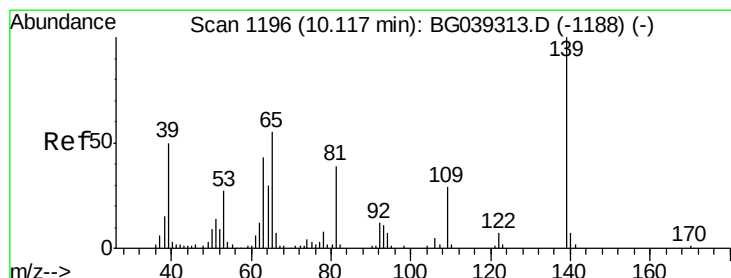
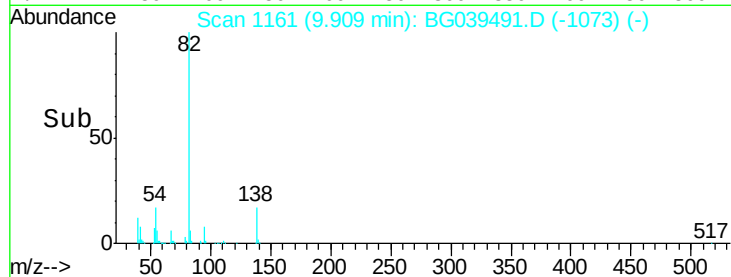
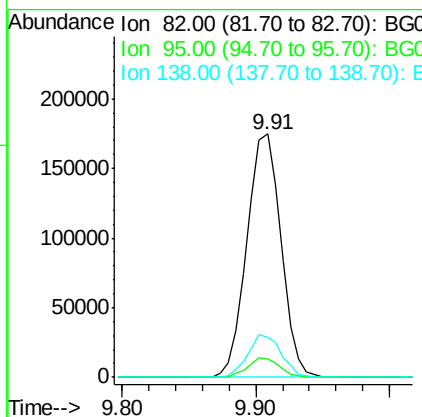
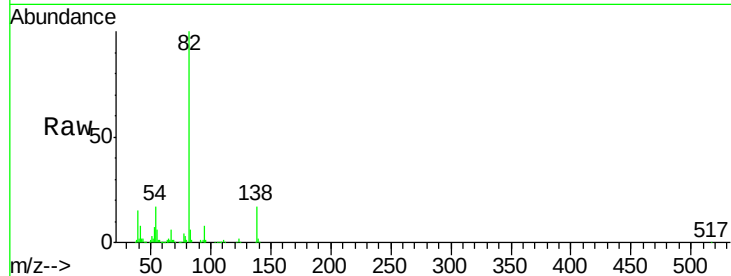
ClientSampleId :

PB117091BS

Tot Ion:	82	Resp:	308204
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.2	9.2
138	16.7	13.0	19.4

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#26

2-Nitrophenol

Concen: 45.969 ng

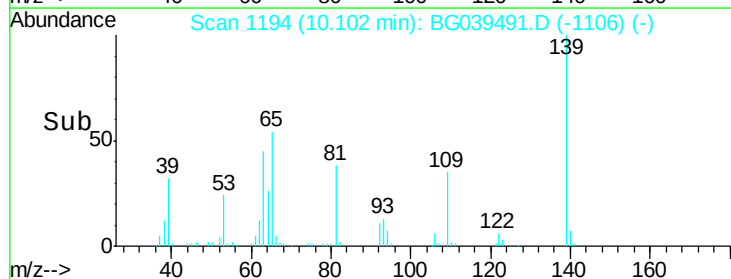
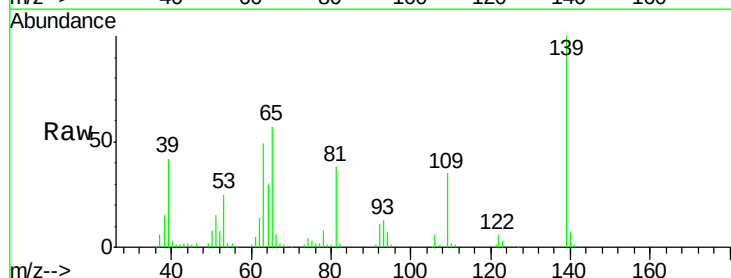
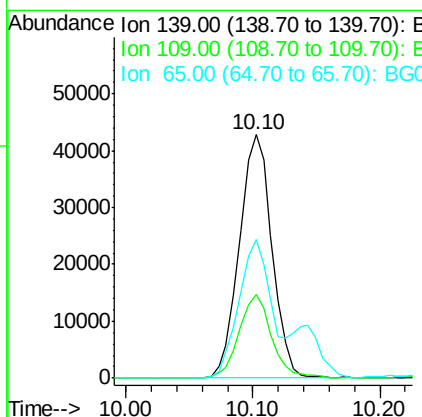
RT: 10.10 min Scan# 1194

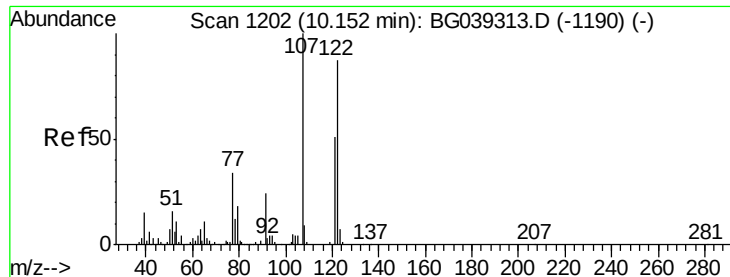
Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion:	139	Resp:	76147
Ion Ratio	Lower	Upper	
139	100		
109	34.6	23.4	35.0
65	57.2	44.3	66.5





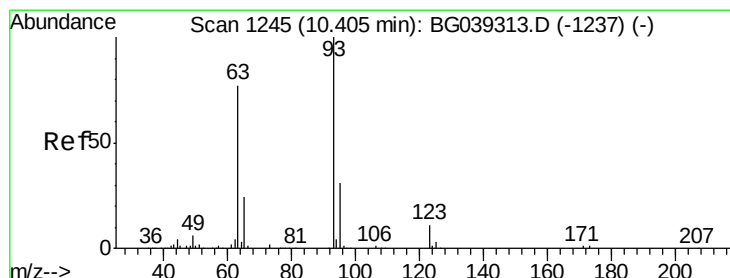
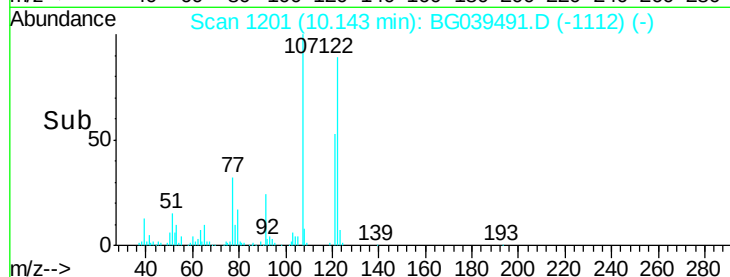
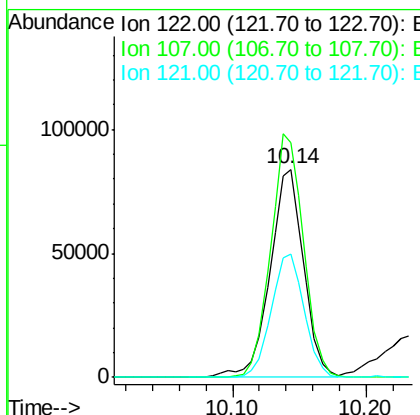
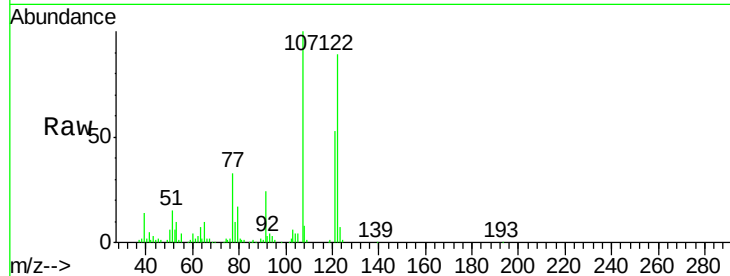
#27
2,4-Dimethylphenol
Concen: 41.229 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampled :
PB117091BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	147097		
107	112.7	91.7	137.5	
121	59.3	46.4	69.6	

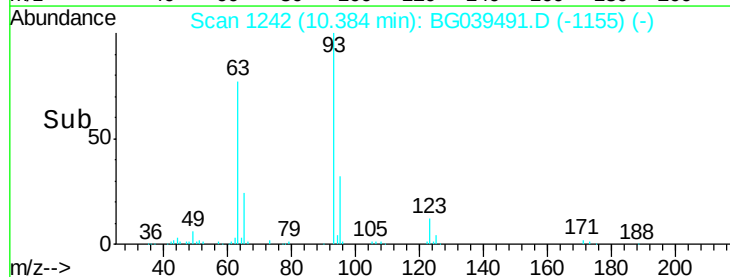
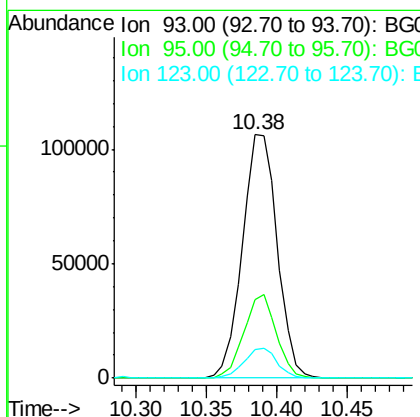
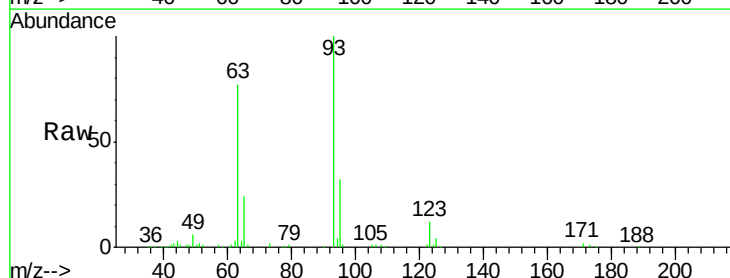
Manual Integrations
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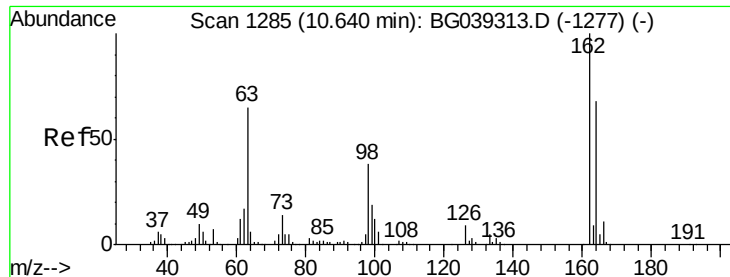
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 33.810 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	183672		
95	32.1	25.0	37.4	
123	11.6	8.6	12.8	





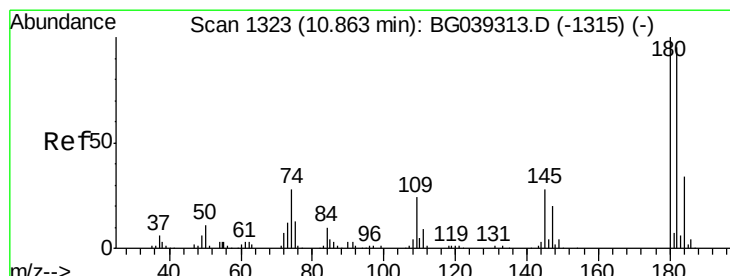
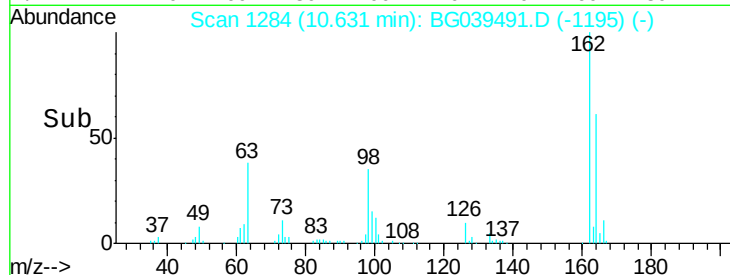
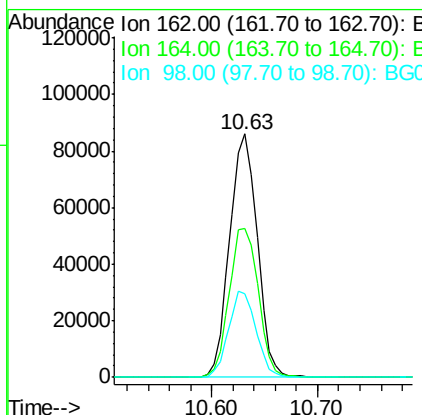
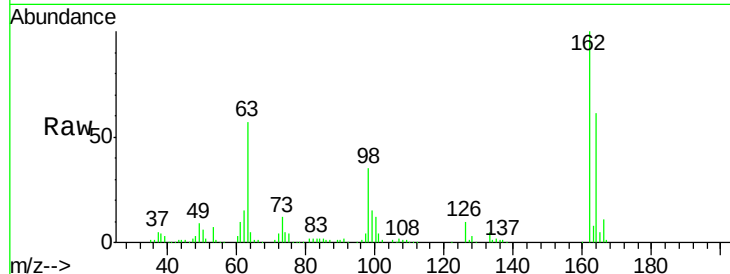
#29
2,4-Dichlorophenol
Concen: 39.953 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	155789		
164	60.9	48.1	88.1	
98	34.5	18.1	58.1	

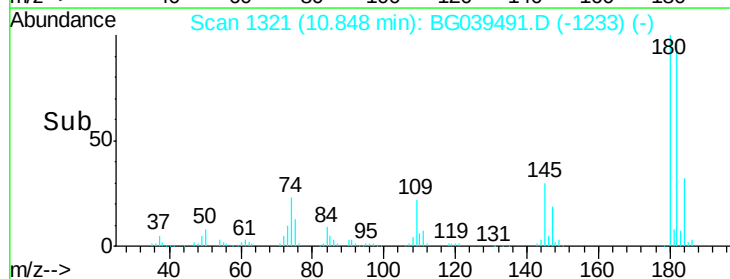
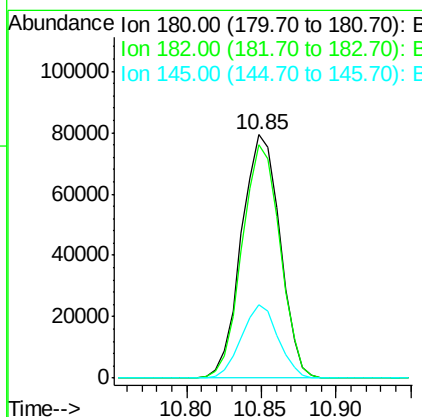
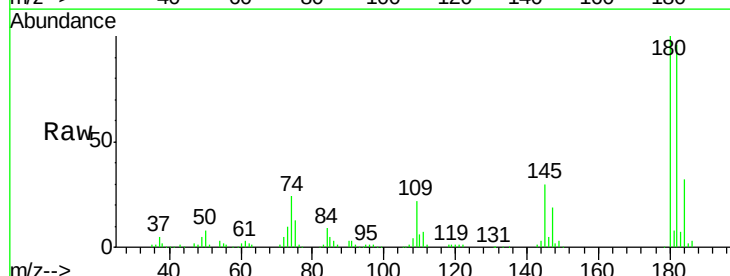
Manual Integrations
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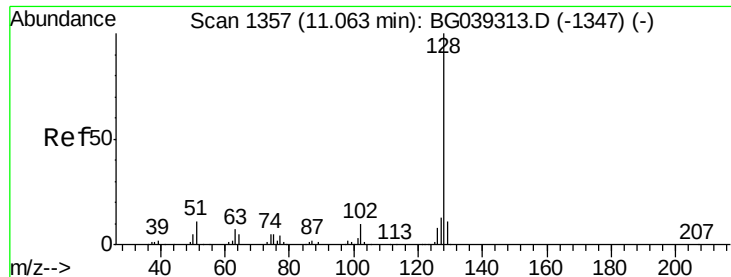
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#30
1,2,4-Trichlorobenzene
Concen: 32.459 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	142097		
182	95.9	76.0	114.0	
145	30.1	22.7	34.1	





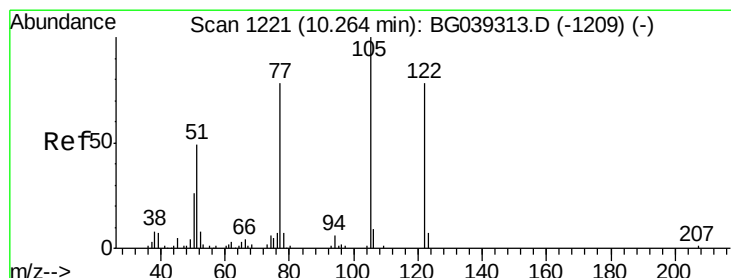
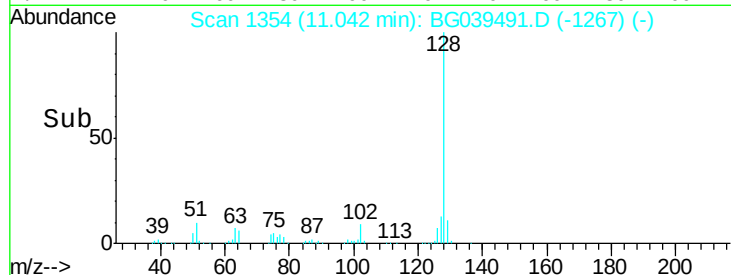
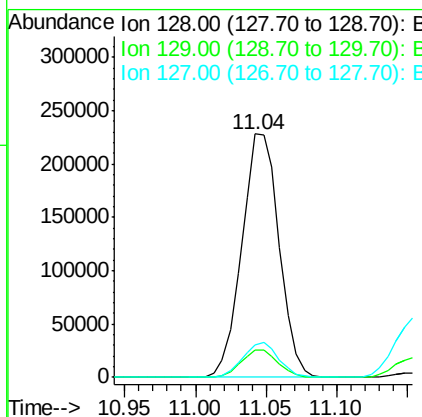
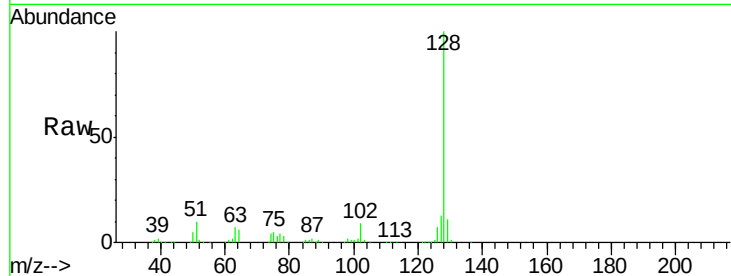
#31
Naphthalene
Concen: 34.149 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	421219		
129	11.2	8.7	13.1	
127	13.3	10.8	16.2	

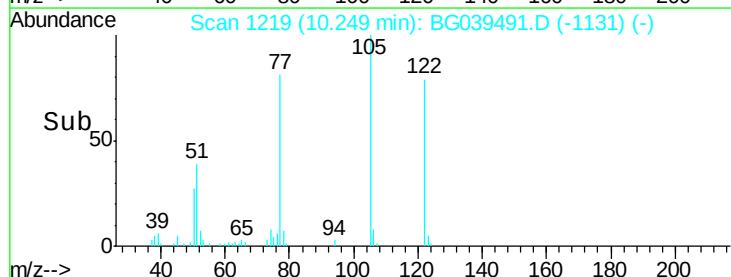
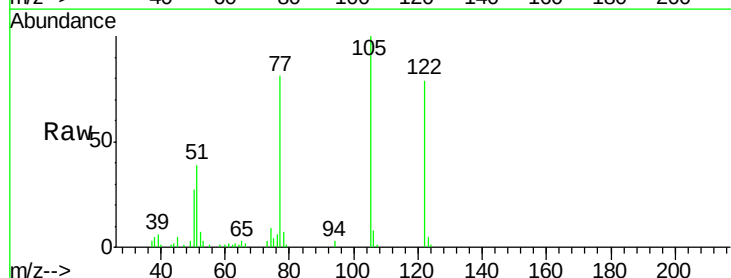
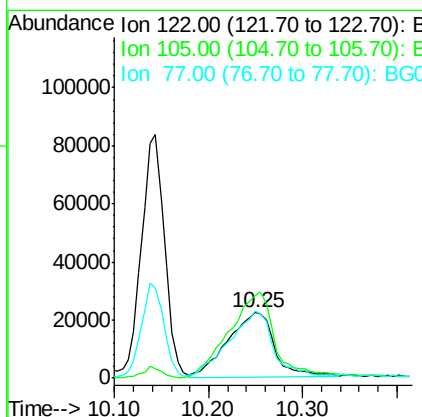
Manual Integrations
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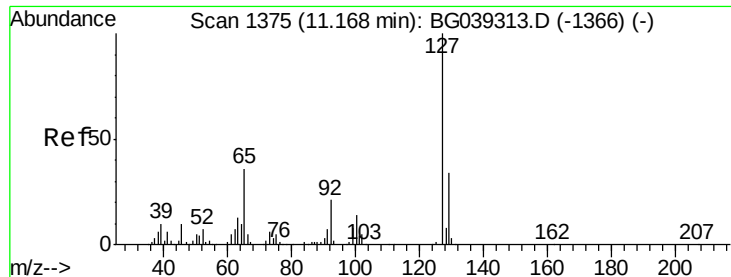
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#32
Benzoic acid
Concen: 35.077 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	74963		
105	126.1	101.8	141.8	
77	102.1	76.3	116.3	





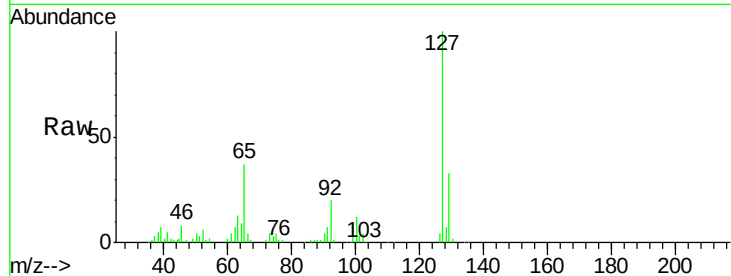
#33
4-Chloroaniline
Concen: 17.349 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

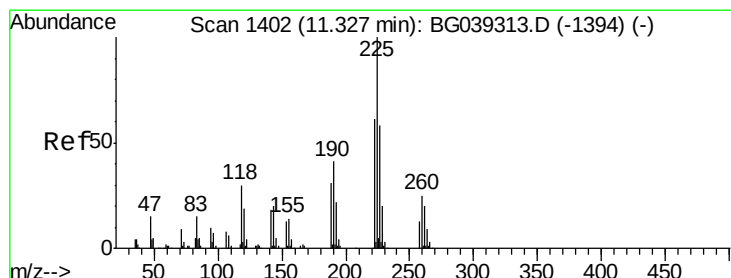
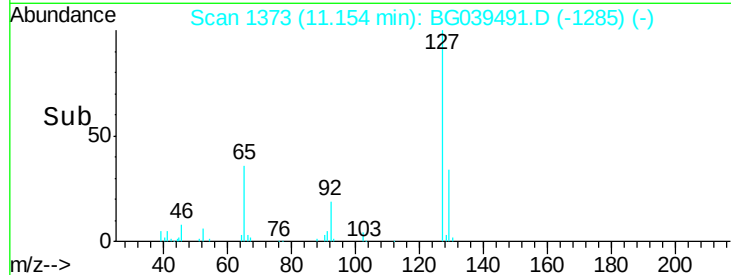
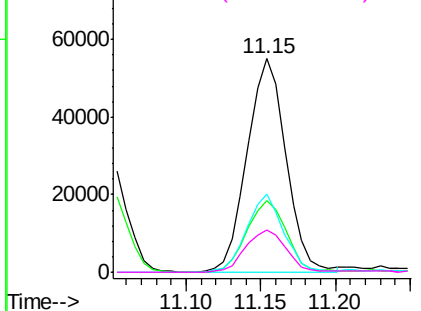
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	27.0	40.4		
65	36.7	28.8	43.2		
92	19.5	16.6	25.0		

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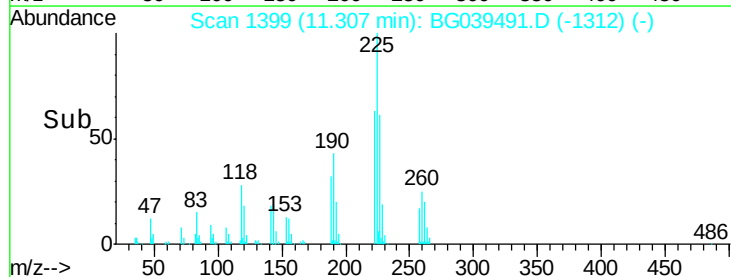
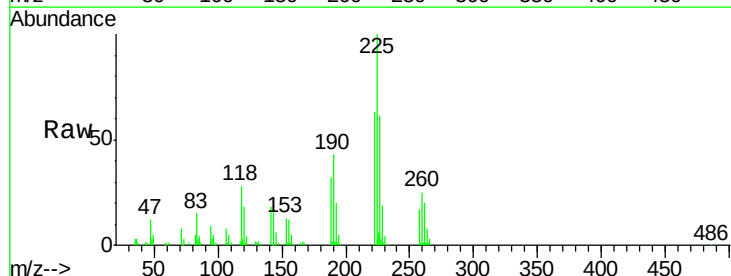
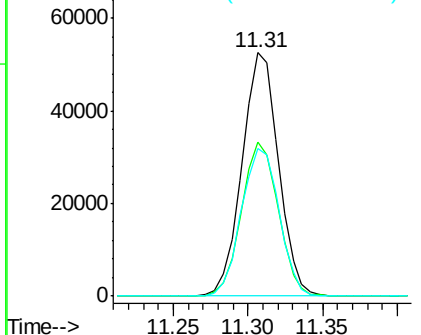
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

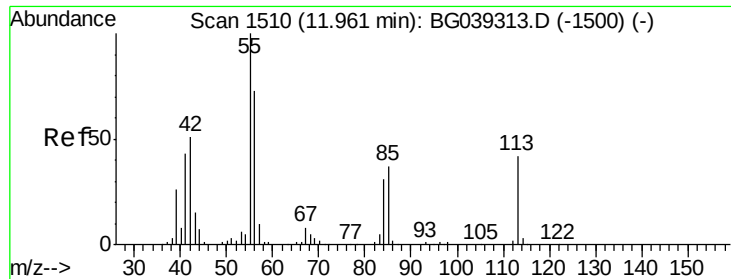


#34
Hexachlorobutadiene
Concen: 30.361 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	49.0	73.6		
227	60.6	46.3	69.5		

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





#35

Caprolactam

Concen: 33.772 ng/ml

RT: 11.94 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

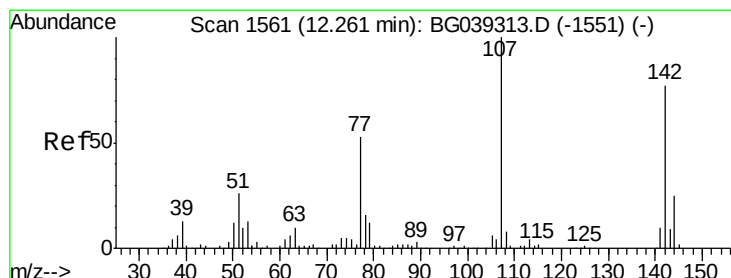
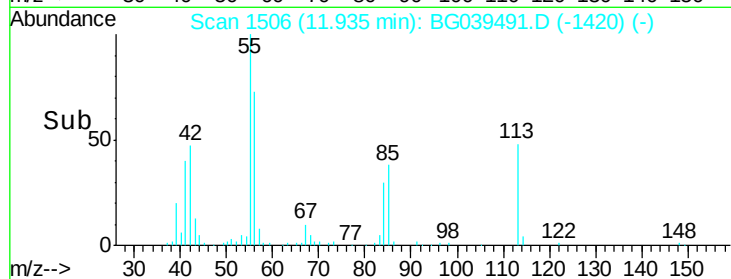
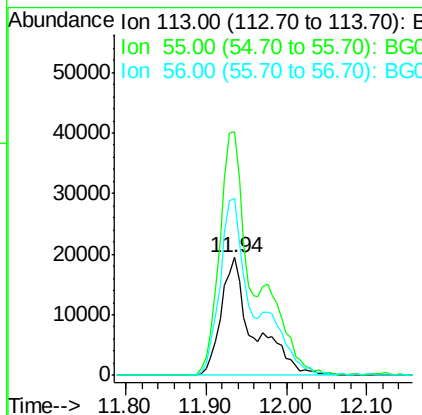
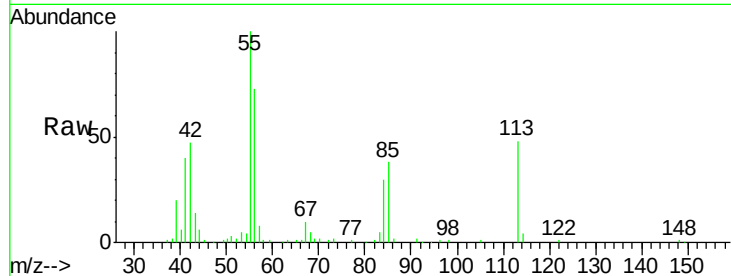
ClientSampled :

PB117091BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	206.6	216.9	256.9#
56	150.2	152.6	192.6#

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#36

4-Chloro-3-methylphenol

Concen: 38.045 ng/ml

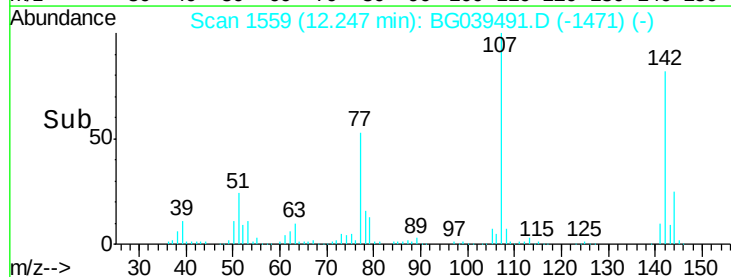
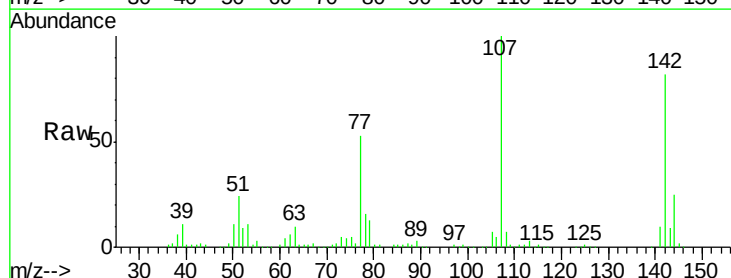
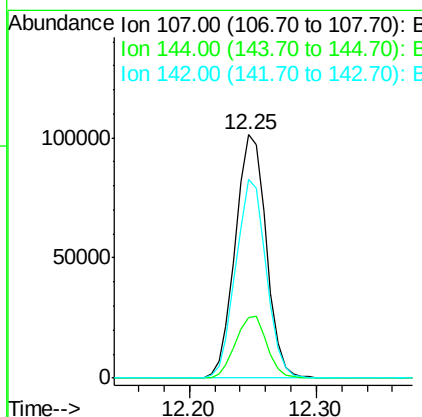
RT: 12.25 min Scan# 1559

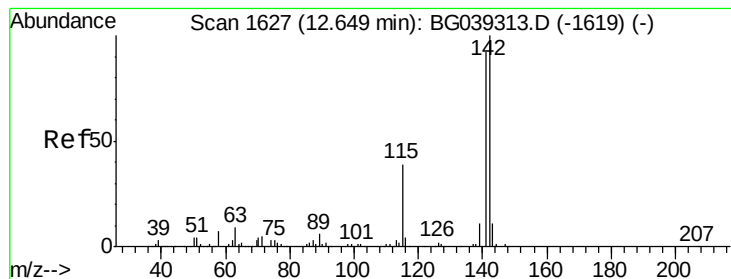
Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.2	30.2
142	81.8	61.4	92.2





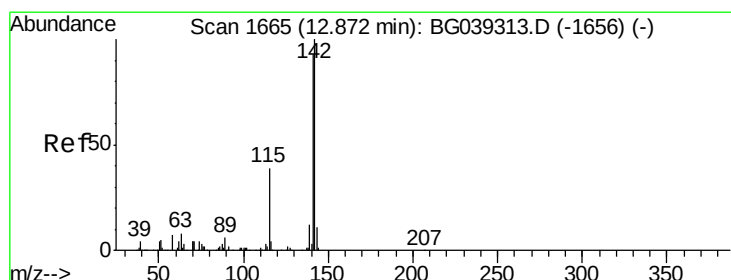
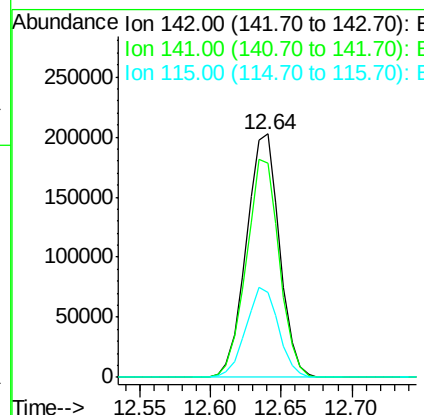
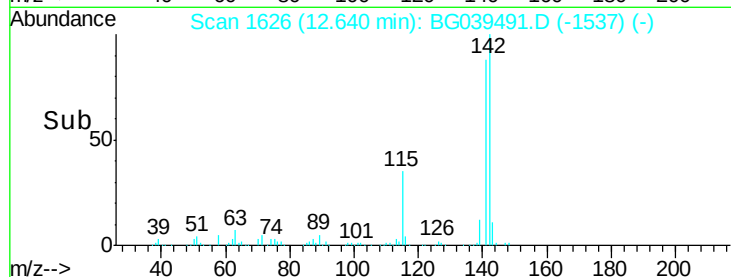
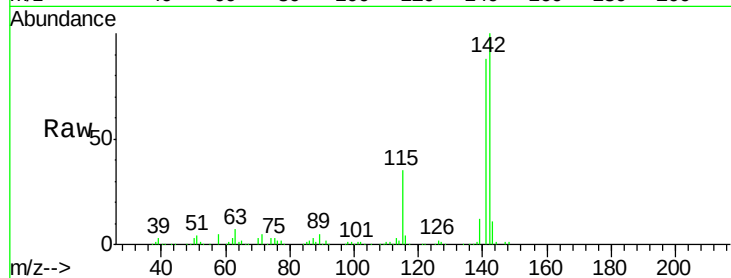
#37
 2-Methylnaphthalene
 Concen: 36.432 ng
 RT: 12.64 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG039491.D
 Acq: 13 Feb 2019 16:39

Instrument :
 BNA_G
 ClientSampled :
 PB117091BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.5	110.3
115	35.0	30.8	46.2

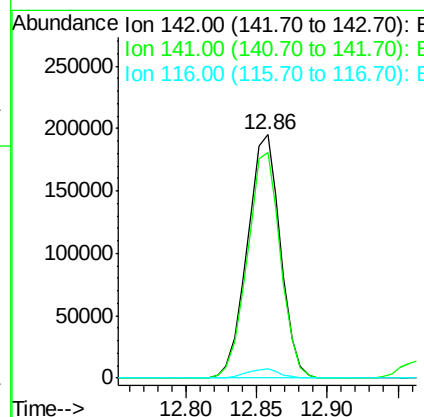
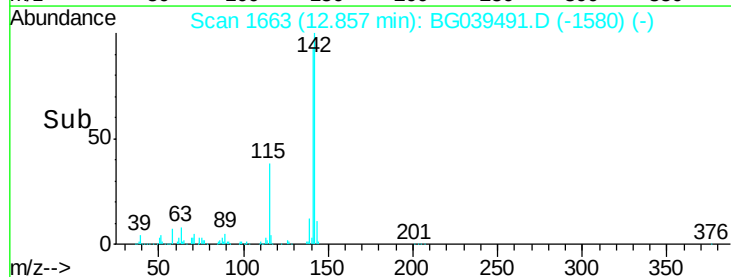
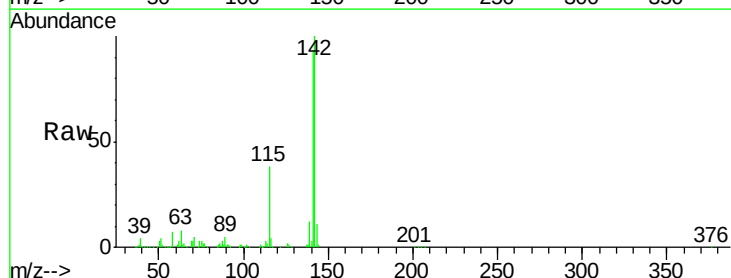
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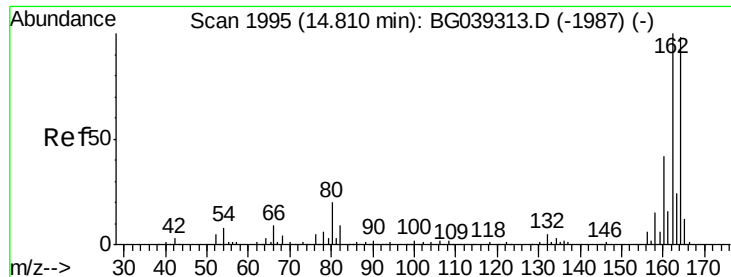
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#38
 1-Methylnaphthalene
 Concen: 36.294 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG039491.D
 Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.2	111.4
116	3.7	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: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

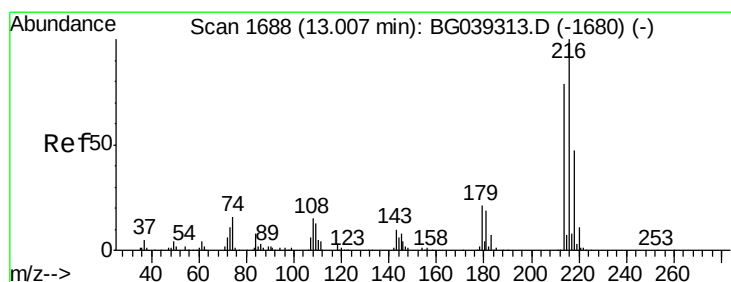
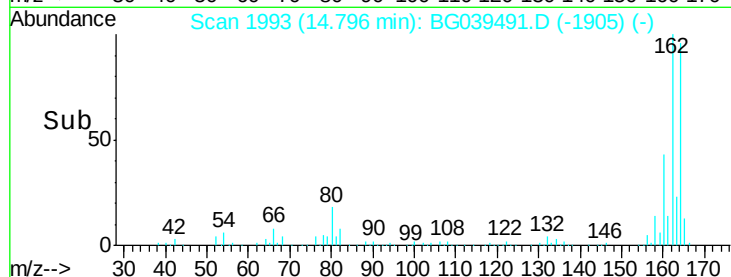
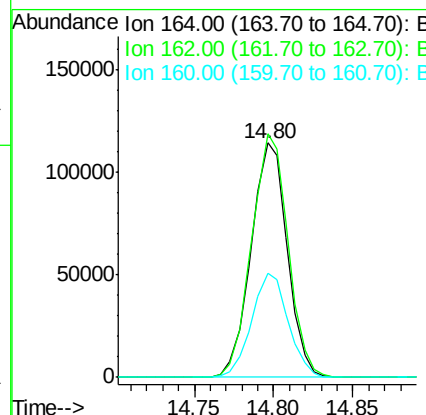
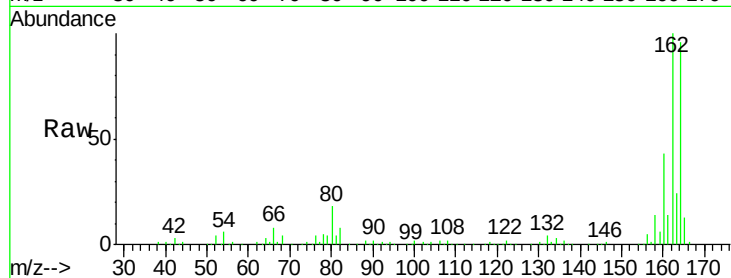
ClientSampleId :

PB117091BS

Tot Ion:	164	Resp:	180739
Ion Ratio	Lower	Upper	
164	100		
162	104.0	81.6	122.4
160	44.6	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 31.830 ng

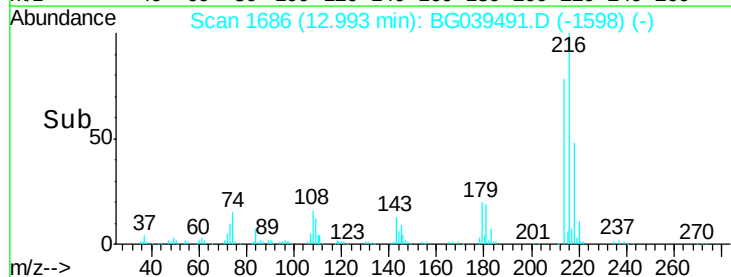
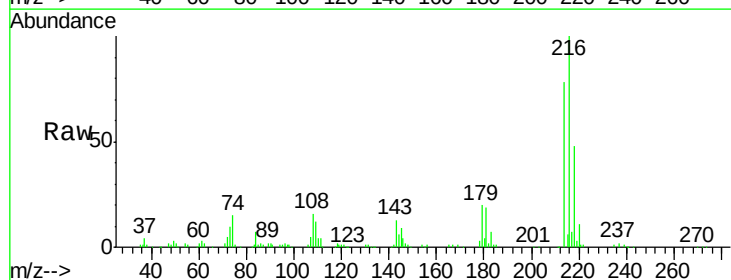
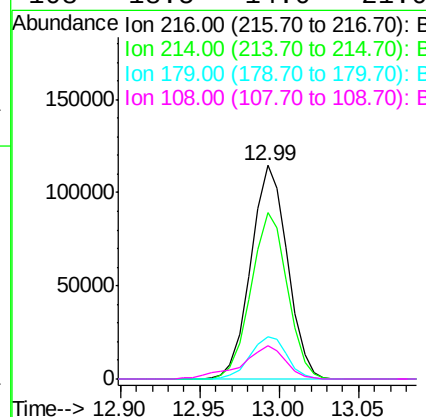
RT: 12.99 min Scan# 1686

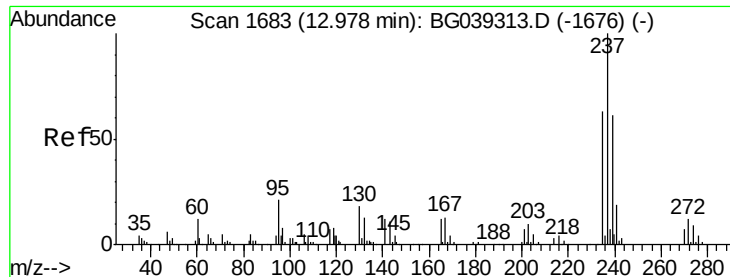
Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion:	216	Resp:	183042
Ion Ratio	Lower	Upper	
216	100		
214	77.5	62.6	94.0
179	20.2	16.6	25.0
108	18.5	14.0	21.0





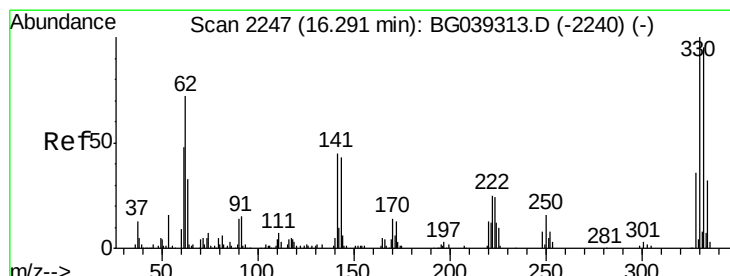
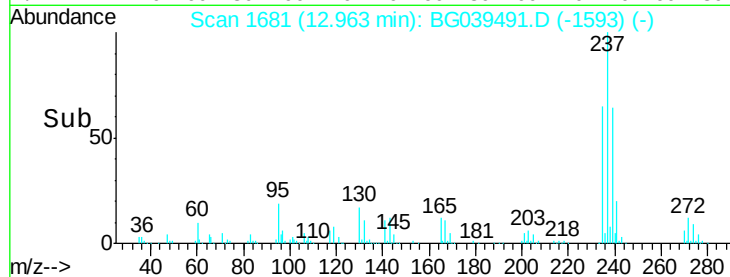
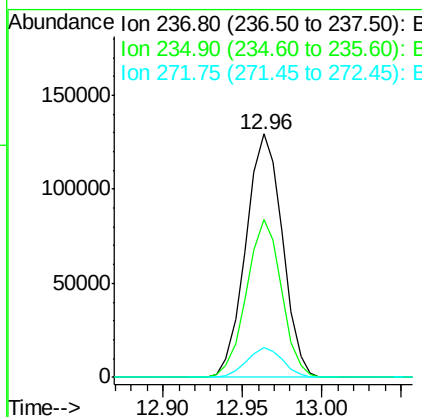
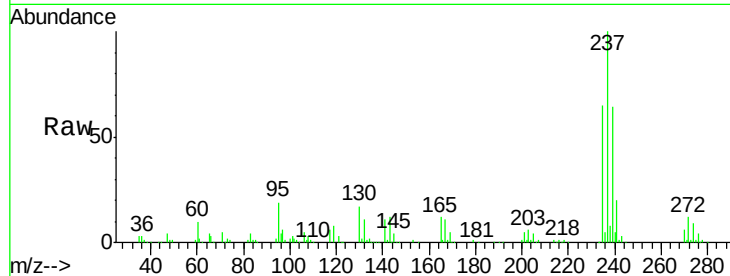
#41
Hexachlorocyclopentadiene
Concen: 66.203 ng
RT: 12.96 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.0	43.3	83.3
272	12.0	0.0	32.3

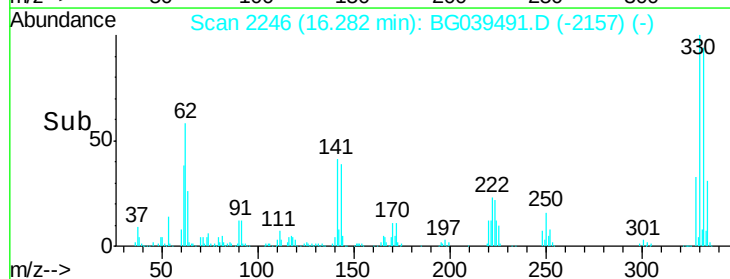
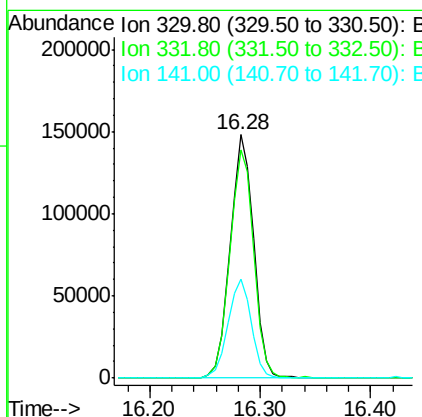
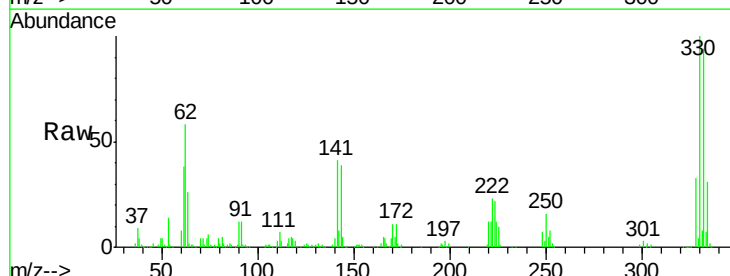
Manual Integrations
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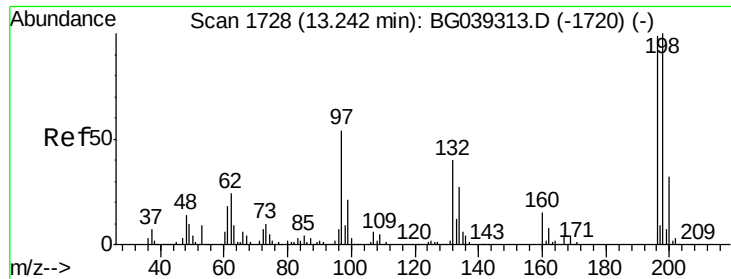
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#42
2,4,6-Tribromophenol
Concen: 113.827 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.4	75.7	113.5
141	40.7	35.6	53.4





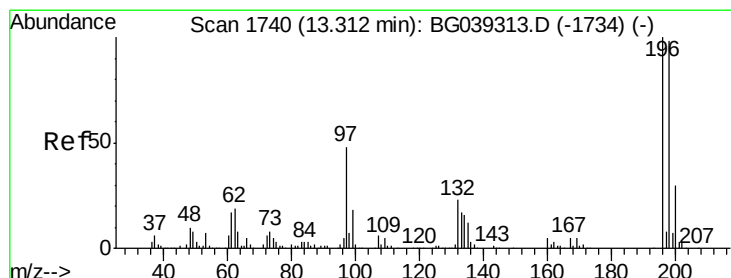
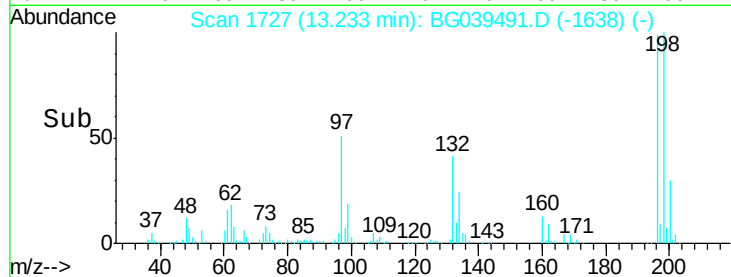
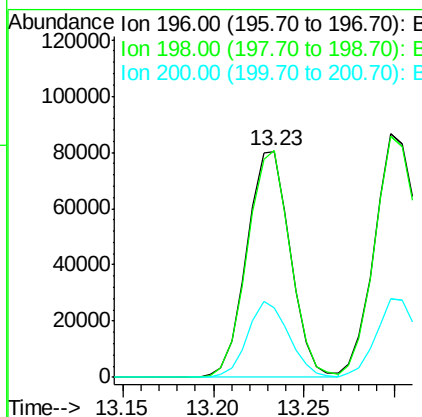
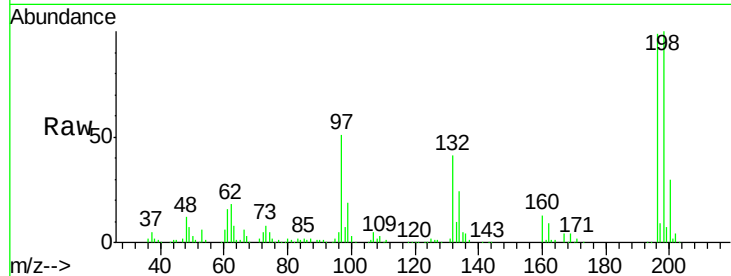
#43
2,4,6-Trichlorophenol
Concen: 37.995 ng
RT: 13.23 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	134342		
198	100.5	80.6	121.0	
200	30.6	26.1	39.1	

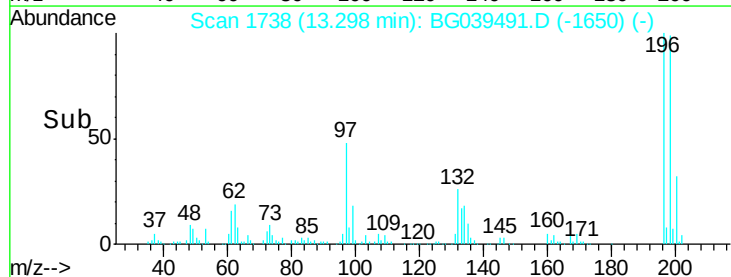
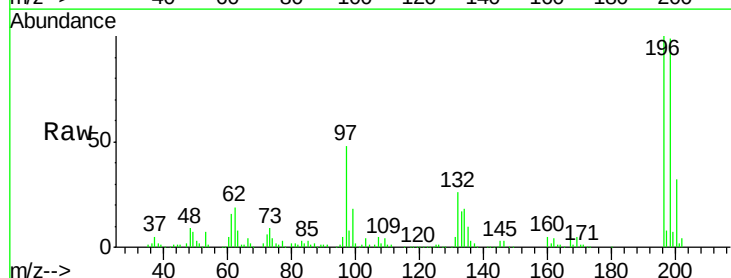
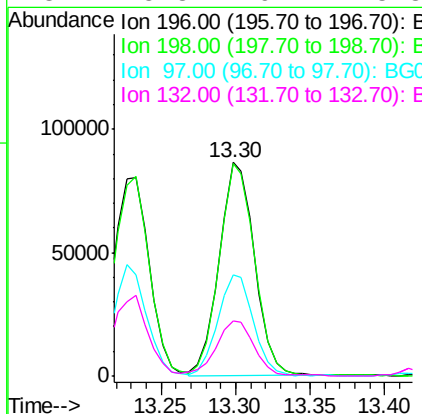
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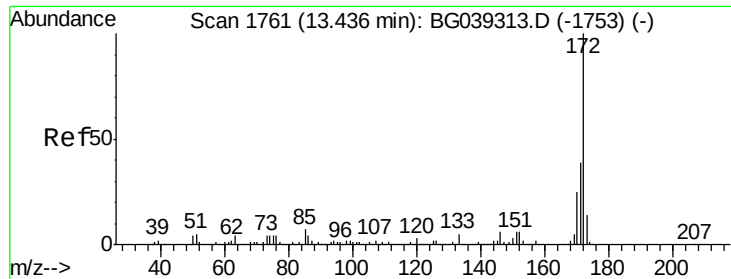
Sohil
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#44
2,4,5-Trichlorophenol
Concen: 38.760 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	143637		
198	99.2	78.5	117.7	
97	47.5	38.4	57.6	
132	25.8	19.2	28.8	





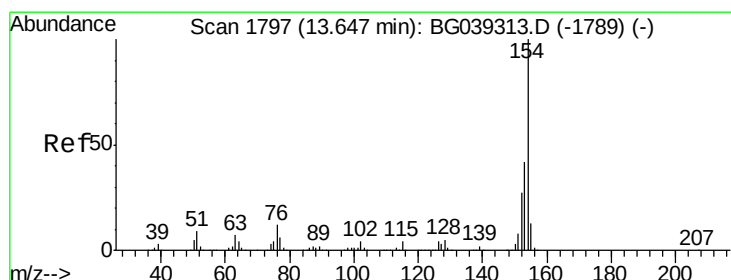
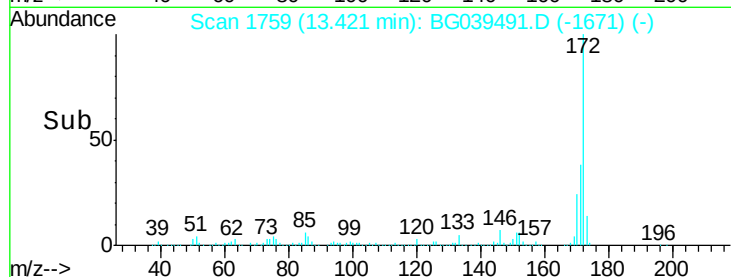
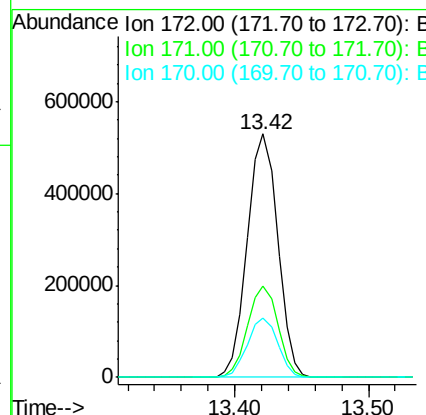
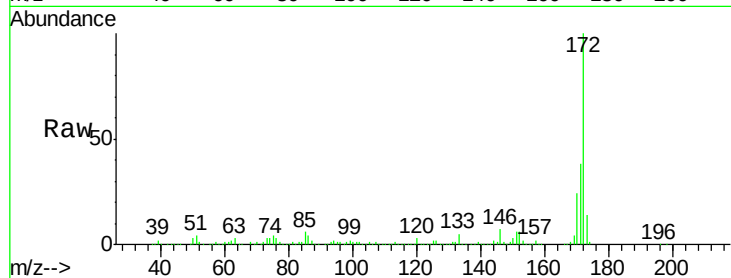
#45
2-Fluorobiphenyl
Concen: 66.131 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	24.4	20.2	30.4

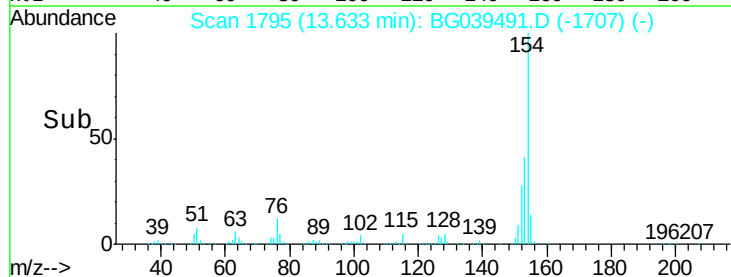
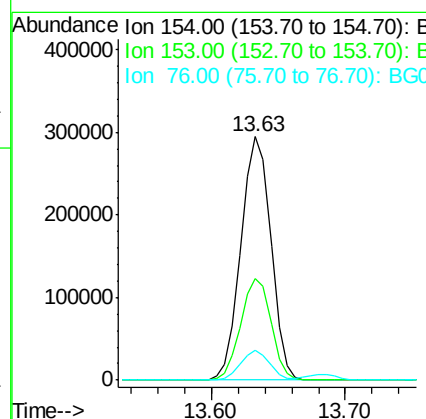
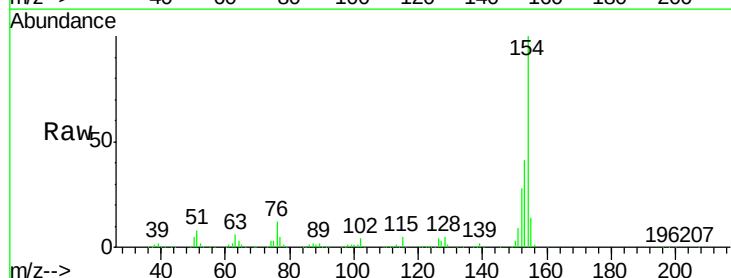
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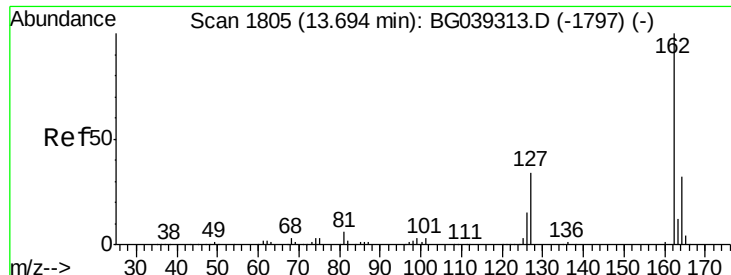
Sohil
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#46
1,1'-Biphenyl
Concen: 30.411 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.1	62.1
76	12.1	0.0	32.4





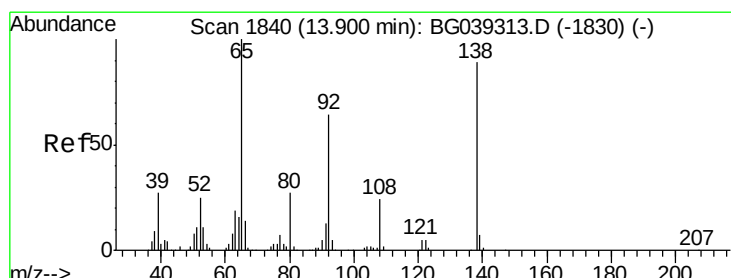
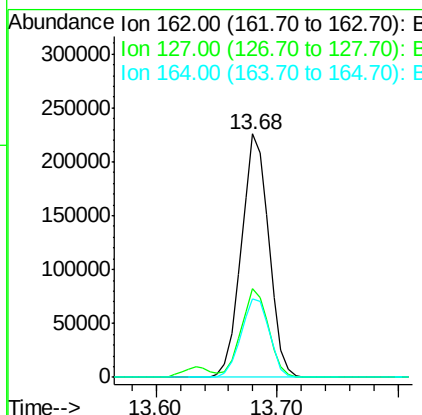
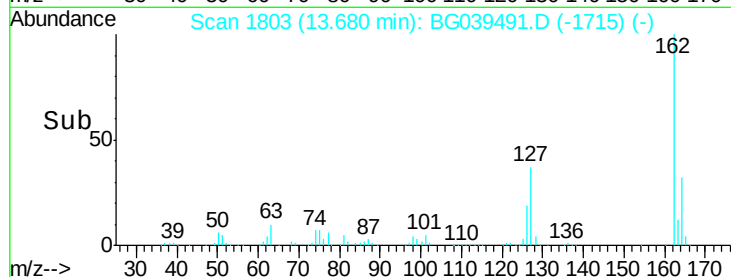
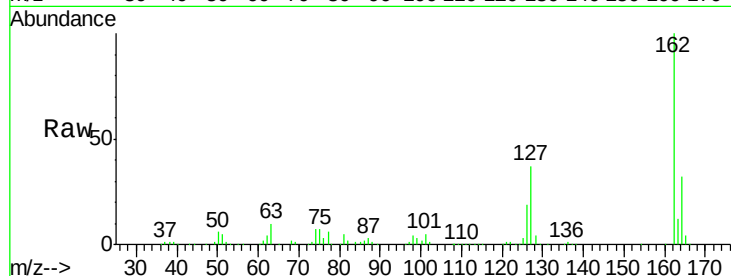
#47
 2-Chloronaphthalene
 Concen: 31.566 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039491.D
 Acq: 13 Feb 2019 16:39

Instrument :
 BNA_G
 ClientSampleId :
 PB117091BS

Tot Ion:	162	Resp:	357102
Ion Ratio	Lower	Upper	
162	100		
127	36.6	31.0	46.6
164	32.1	25.7	38.5

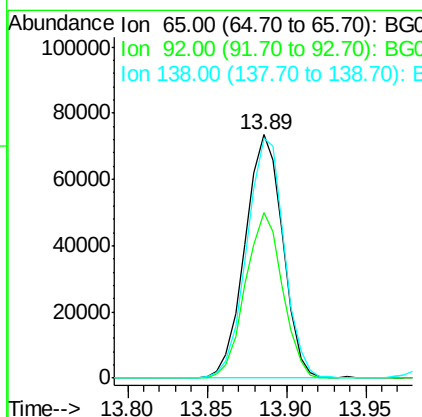
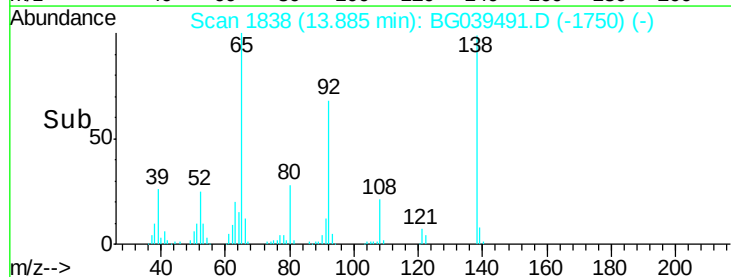
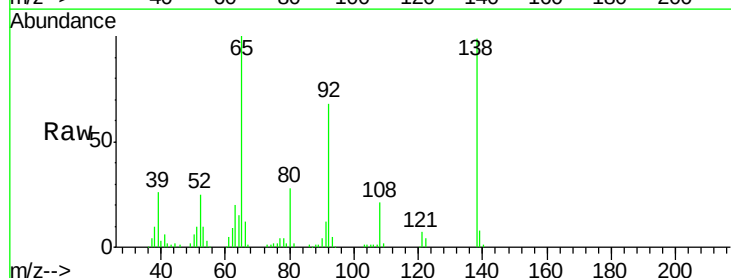
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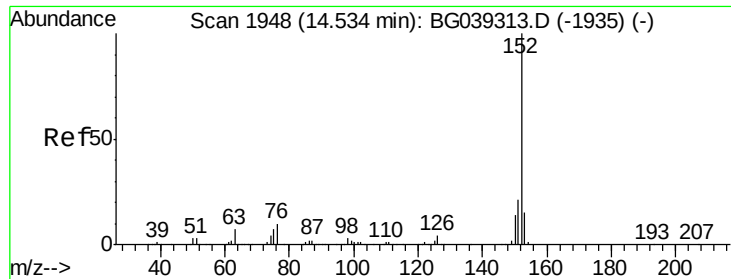
Sohil
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#48
 2-Nitroaniline
 Concen: 39.256 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039491.D
 Acq: 13 Feb 2019 16:39

Tgt Ion:	65	Resp:	121634
Ion Ratio	Lower	Upper	
65	100		
92	67.8	51.4	77.2
138	98.7	71.4	107.2





#49

Acenaphthylene

Concen: 33.460 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

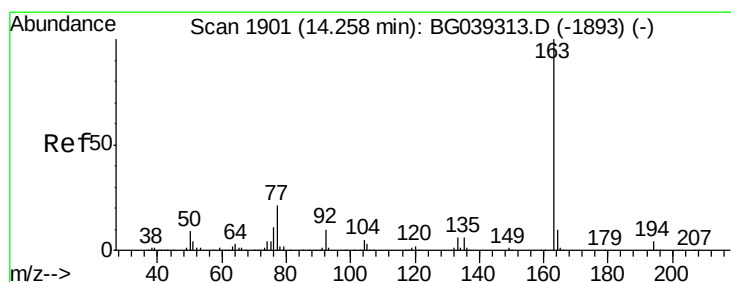
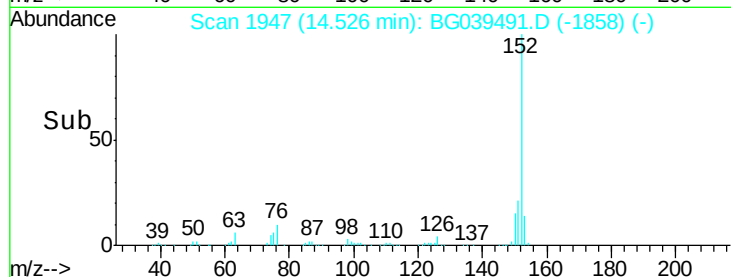
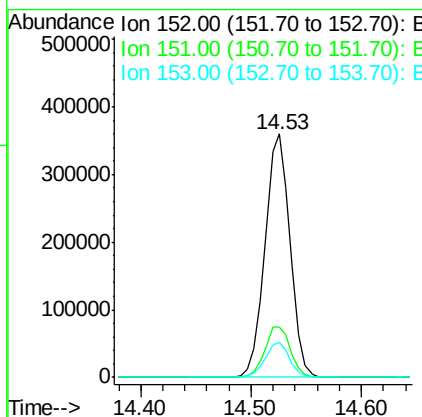
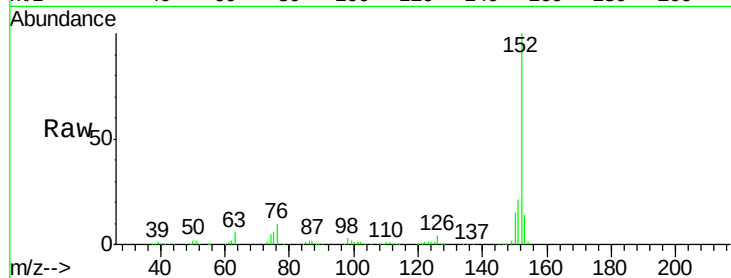
ClientSampleId :

PB117091BS

Tot Ion:	152	Resp:	571160
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	14.3	11.7	17.5

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#50

Dimethylphthalate

Concen: 32.611 ng

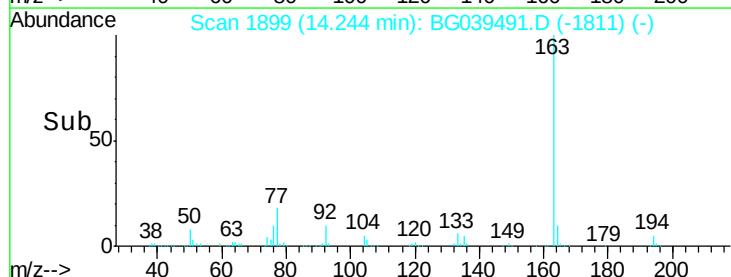
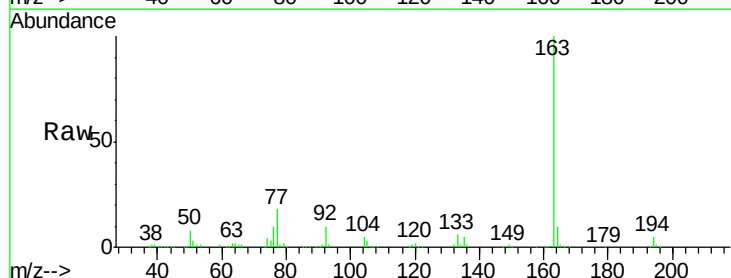
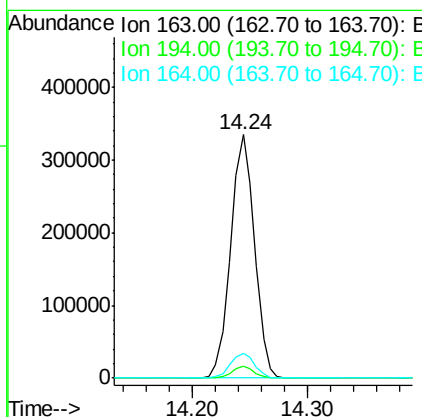
RT: 14.24 min Scan# 1899

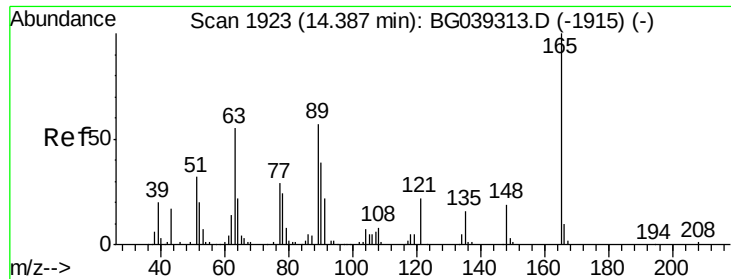
Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion:	163	Resp:	476025
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.6	5.4
164	10.0	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 40.145 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

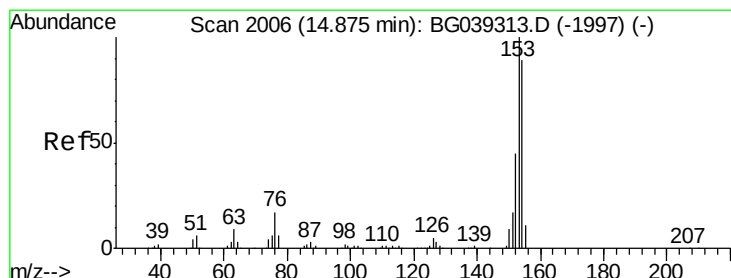
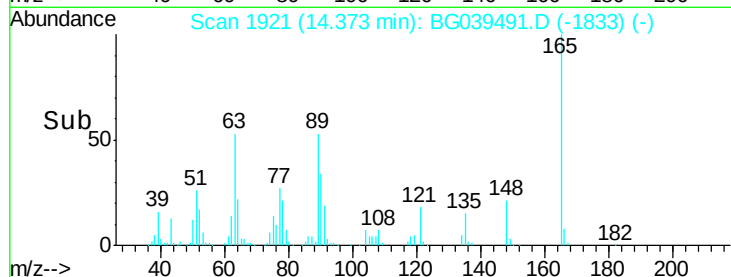
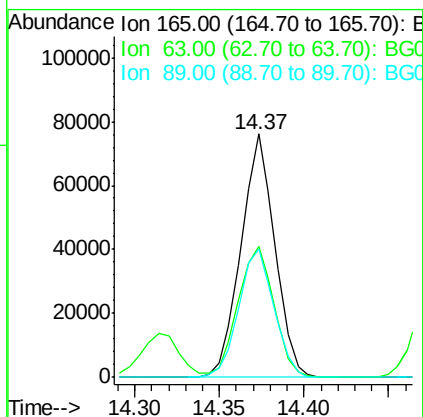
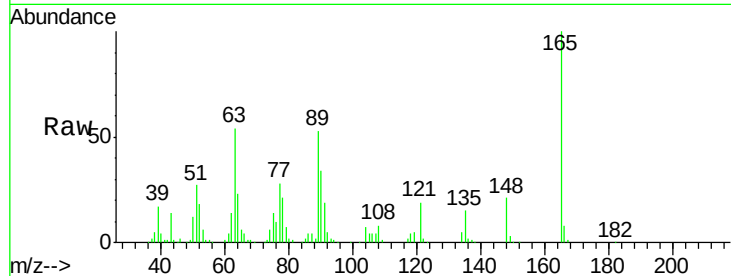
ClientSampled :

PB117091BS

Tot Ion:	165	Resp:	106131
Ion Ratio	Lower	Upper	
165	100		
63	53.6	47.0	70.6
89	52.6	45.8	68.8

Manual Integrations
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#52

Acenaphthene

Concen: 31.821 ng

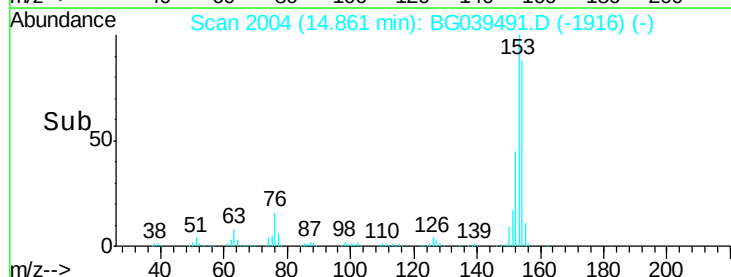
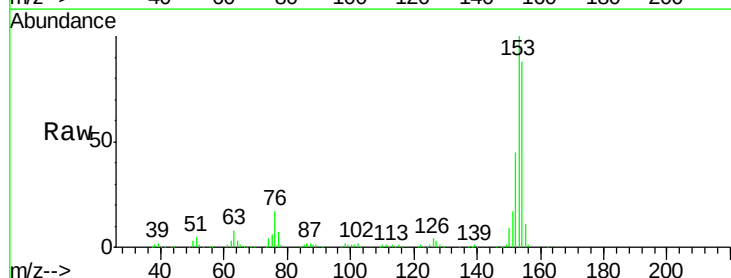
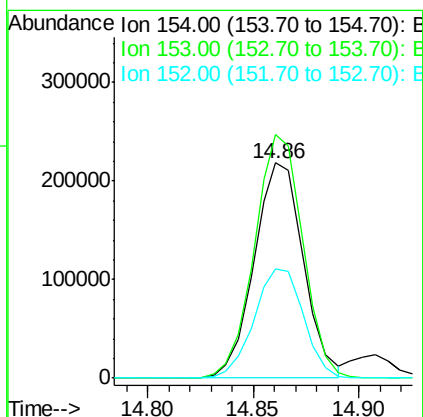
RT: 14.86 min Scan# 2004

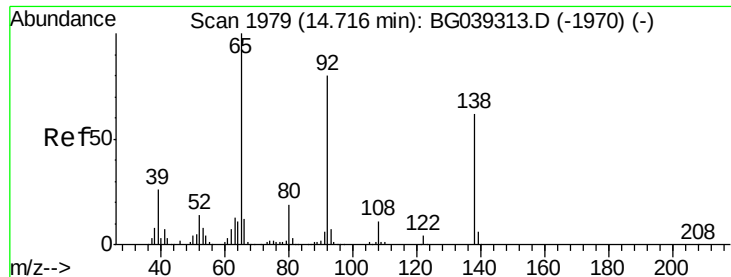
Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion:	154	Resp:	352594
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.1	135.1
152	50.8	40.9	61.3





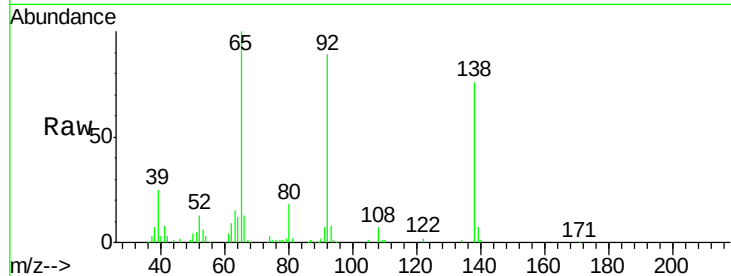
#53
 3-Nitroaniline
 Concen: 28.469 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG039491.D
 Acq: 13 Feb 2019 16:39

Instrument :
 BNA_G
 ClientSampleId :
 PB117091BS

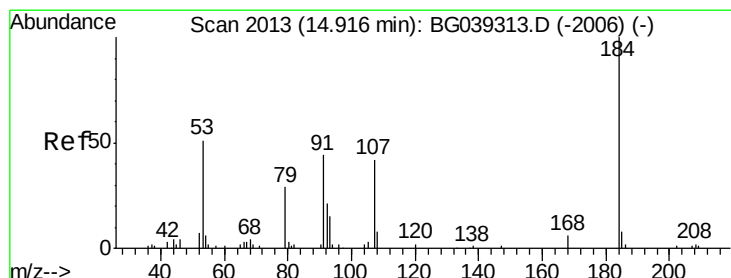
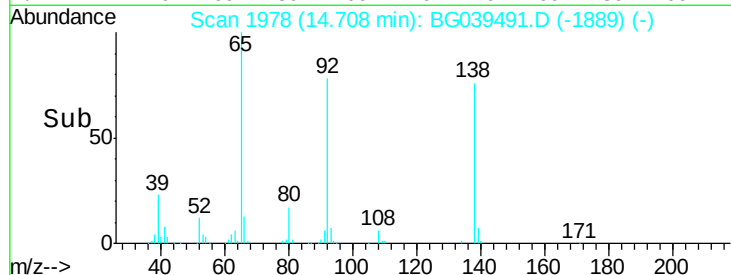
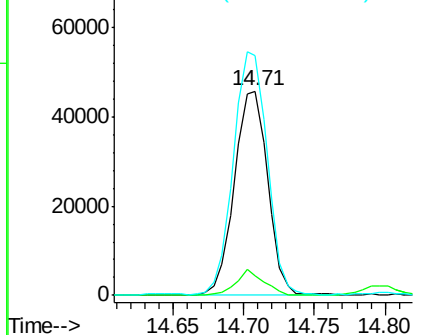
Tot Ion:138 Resp: 75913
 Ion Ratio Lower Upper
 138 100
 108 9.6 13.8 20.8#
 92 117.5 103.7 155.5

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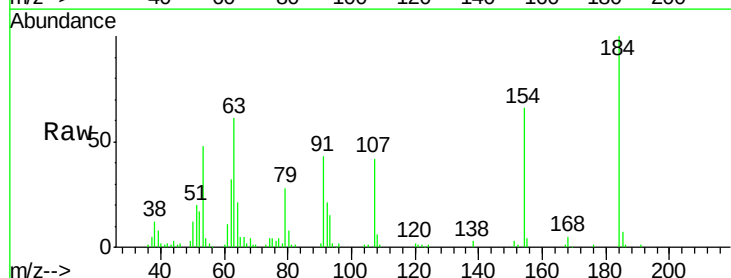


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

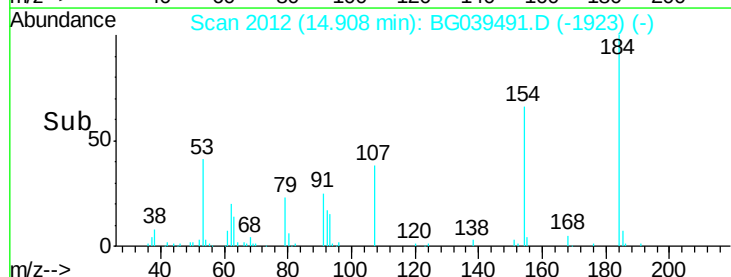
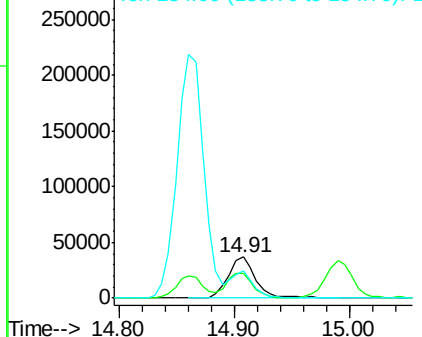


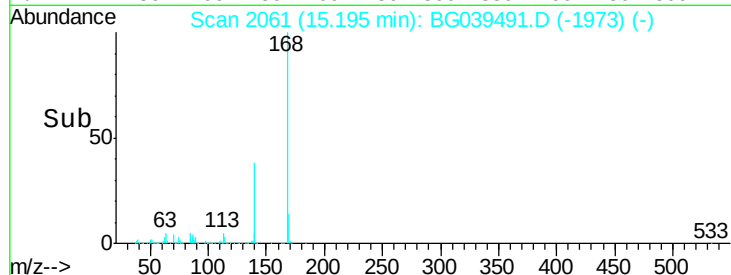
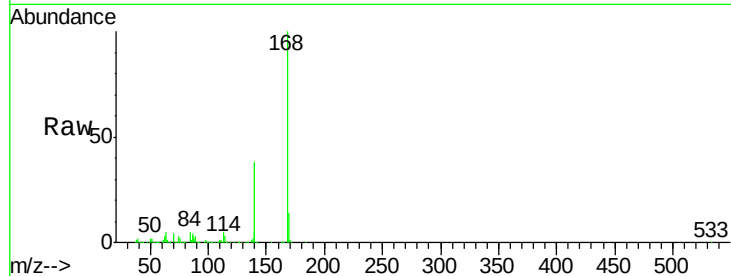
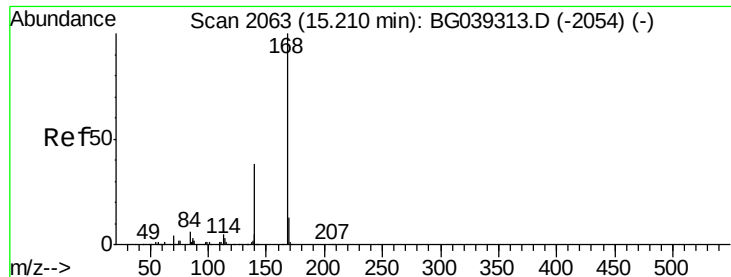
#54
 2,4-Dinitrophenol
 Concen: 58.400 ng
 RT: 14.91 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BG039491.D
 Acq: 13 Feb 2019 16:39

Tgt Ion:184 Resp: 61041
 Ion Ratio Lower Upper
 184 100
 63 61.0 50.9 76.3
 154 66.3 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





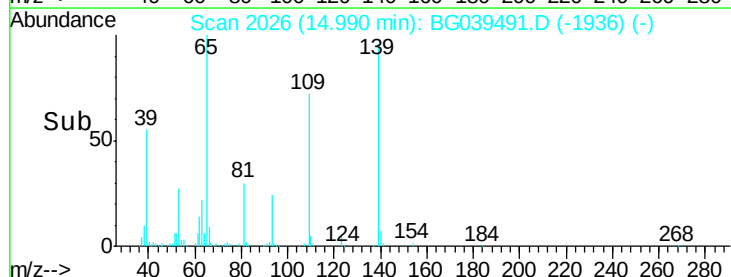
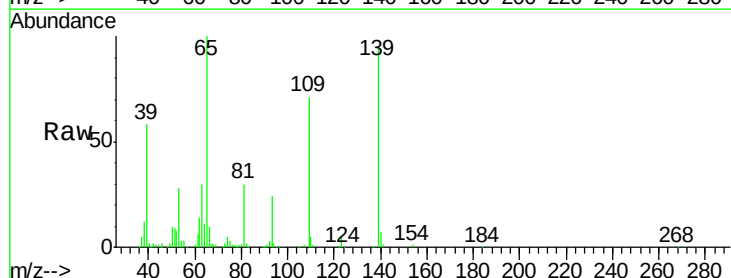
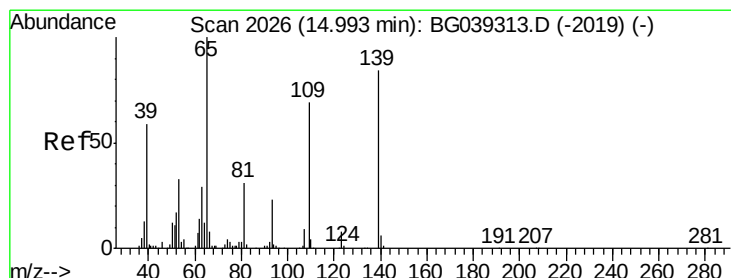
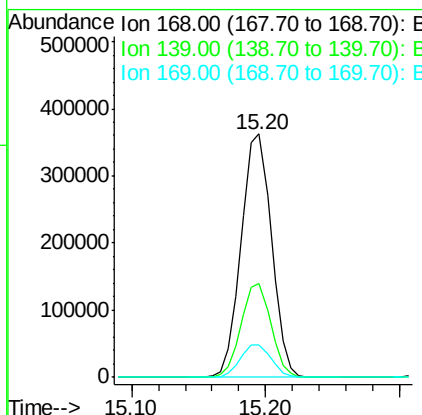
#55
Dibenzofuran
Concen: 32.014 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	13.6	10.6	16.0

Instrument :
BNA_G
ClientSampleID :
PB117091BS

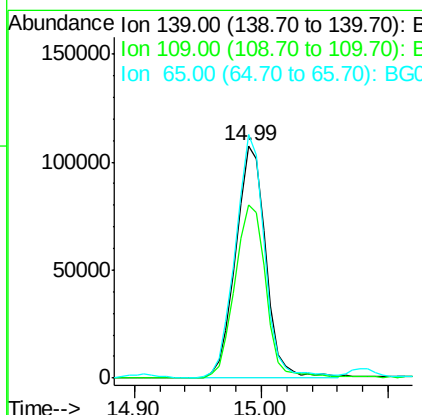
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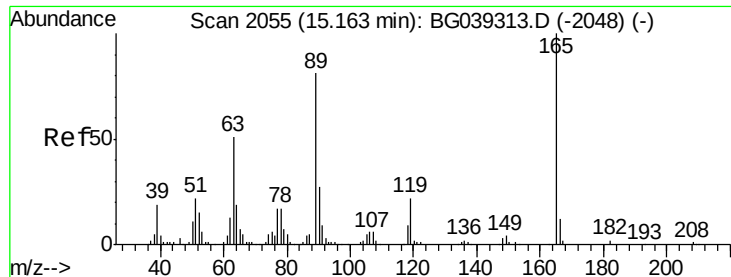
Sohil
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#56
4-Nitrophenol
Concen: 67.784 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.8	61.9	101.9
65	104.9	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 43.995 ng

RT: 15.15 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

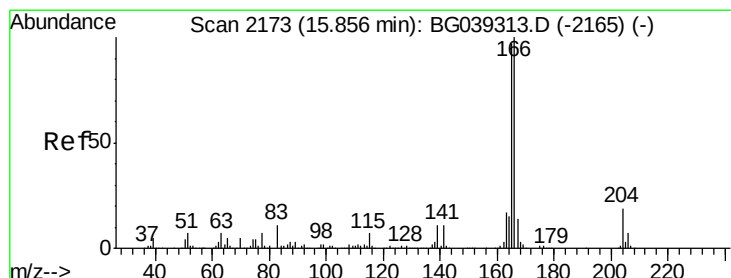
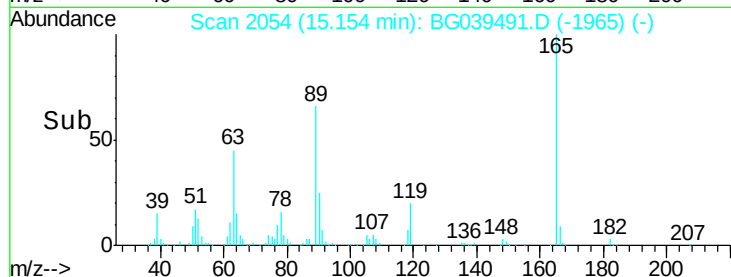
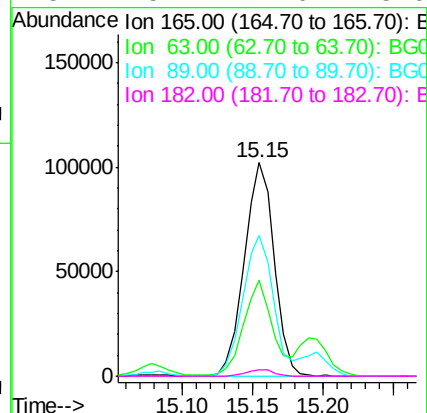
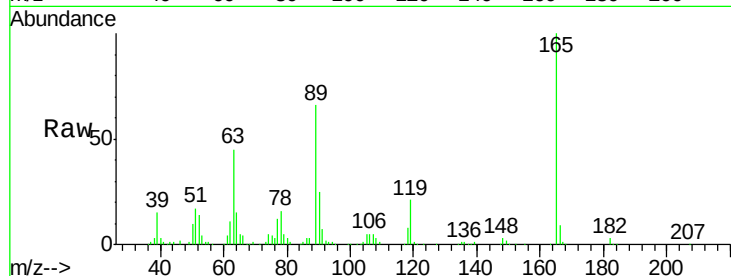
ClientSampleId :

PB117091BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	151017		
63	45.2	41.0	61.6	
89	66.1	64.6	96.8	
182	3.2	2.0	3.0	

Manual Integrations
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#58

Fluorene

Concen: 34.342 ng

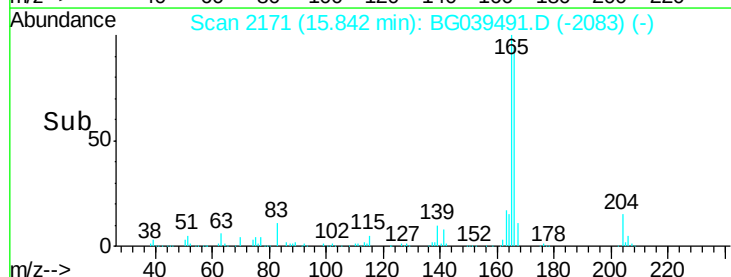
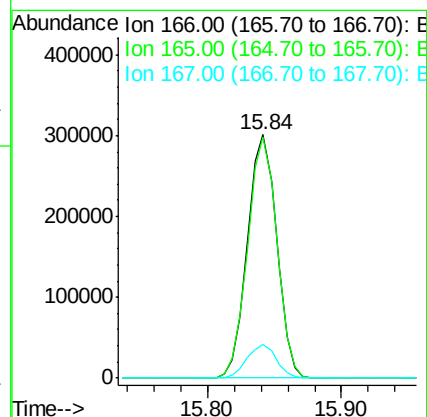
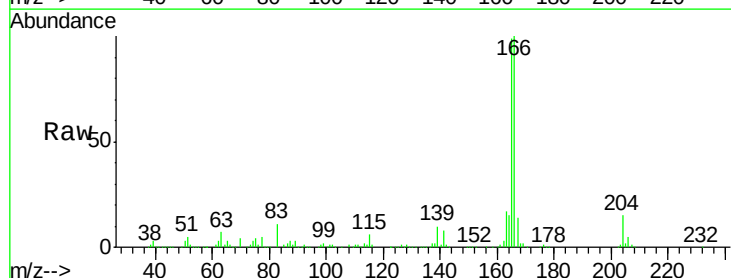
RT: 15.84 min Scan# 2171

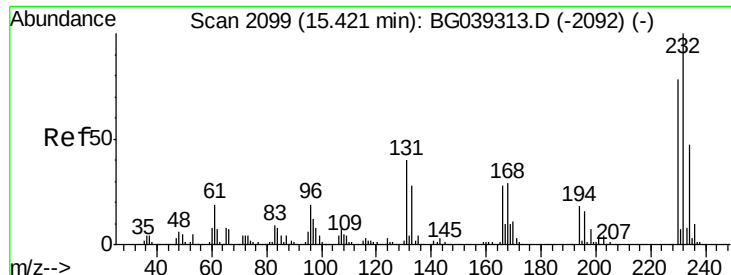
Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	454813		
165	99.1	77.9	116.9	
167	13.8	10.8	16.2	





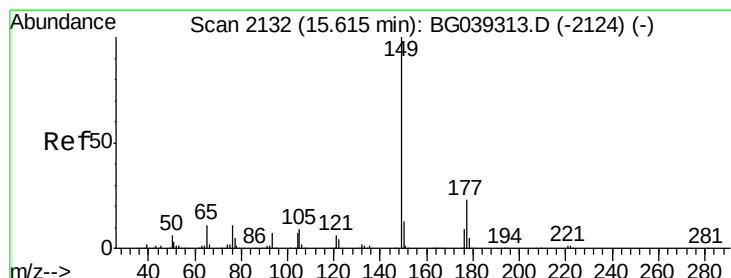
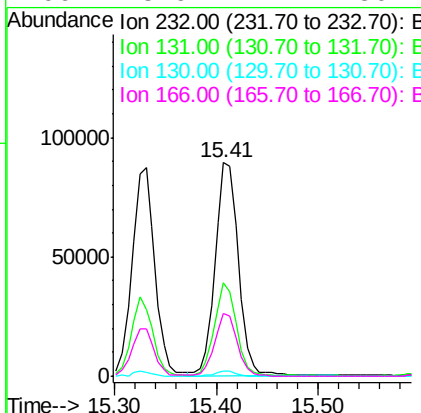
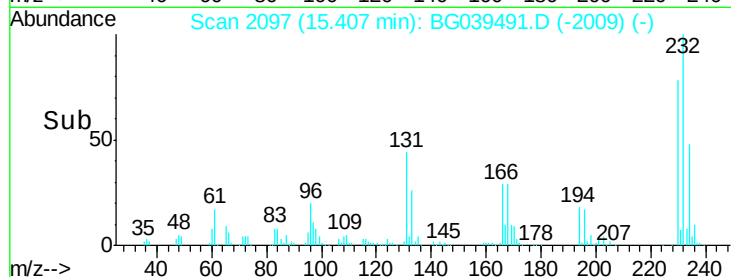
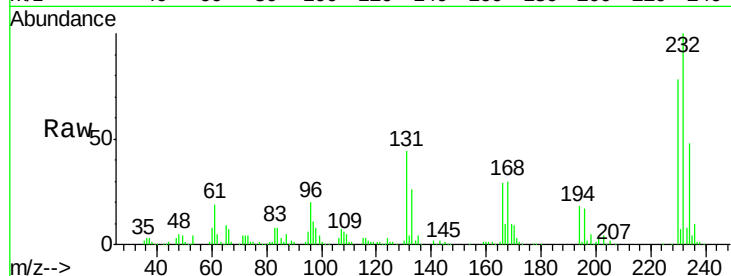
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.097 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039491.D
 Acq: 13 Feb 2019 16:39

Instrument :
 BNA_G
 ClientSampled :
 PB117091BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		142595		
131	40.7		34.9	52.3	
130	2.2		2.0	3.0	
166	28.9		24.1	36.1	

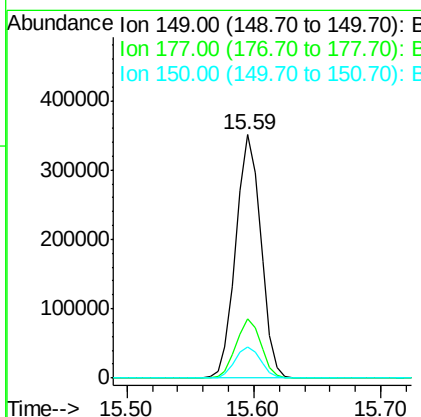
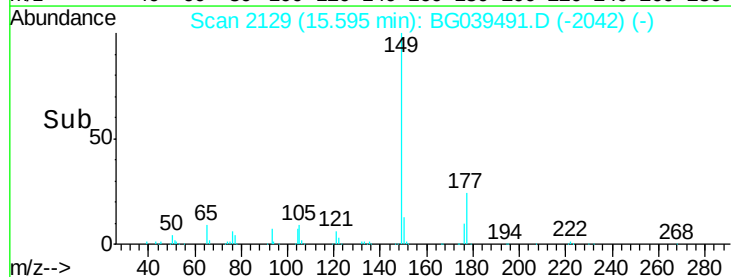
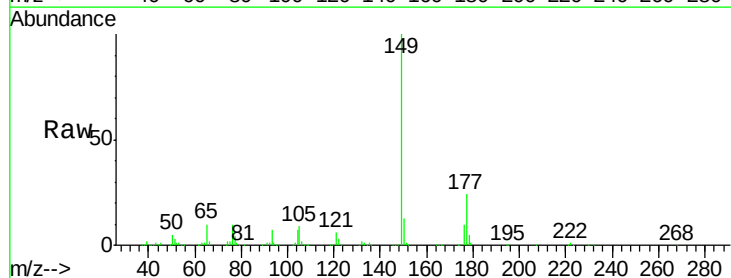
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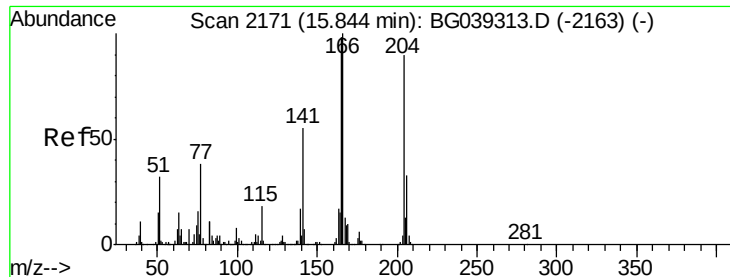
Sohil
 2/14/2019 12:43:58 PM



#60
 Diethylphthalate
 Concen: 31.688 ng
 RT: 15.59 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039491.D
 Acq: 13 Feb 2019 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		478243		
177	24.1		18.3	27.5	
150	12.7		10.2	15.2	





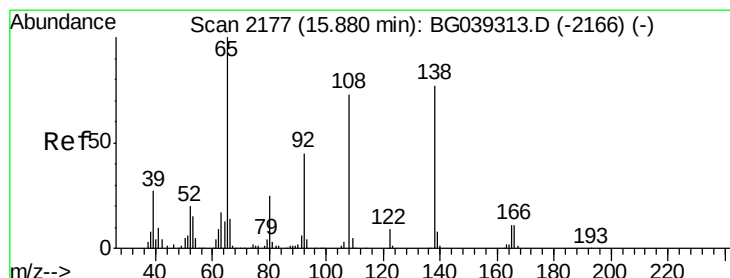
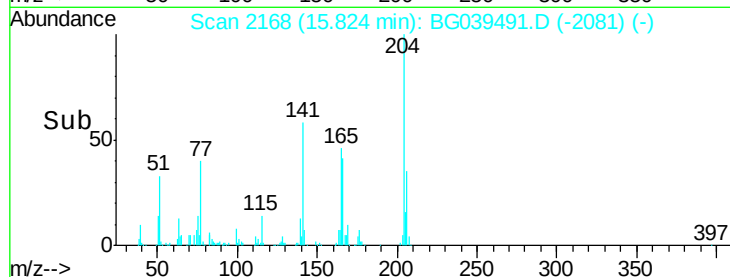
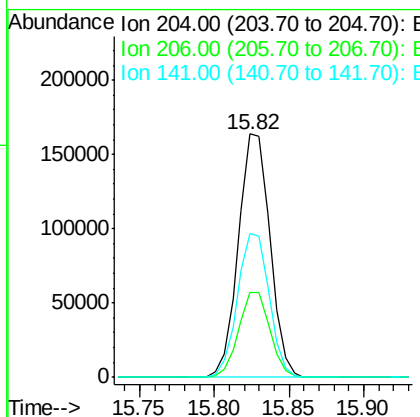
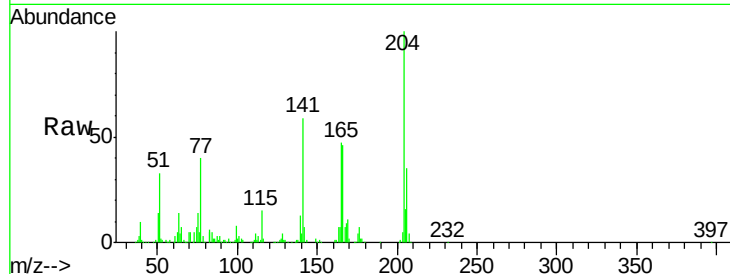
#61
4-Chlorophenyl-phenylether
Concen: 32.149 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampled :
PB117091BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	29.2	43.8
141	58.8	49.0	73.4

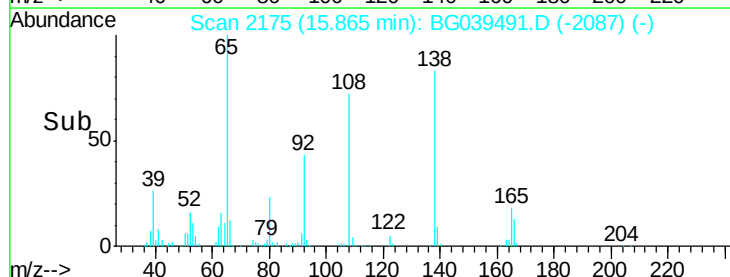
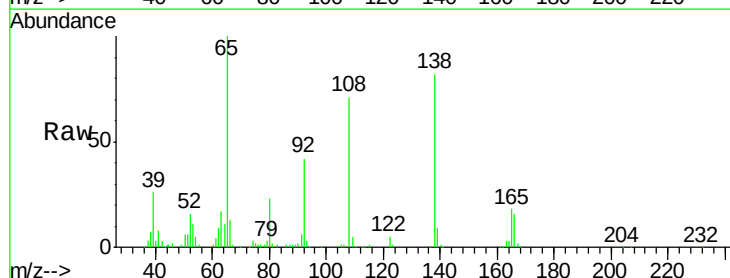
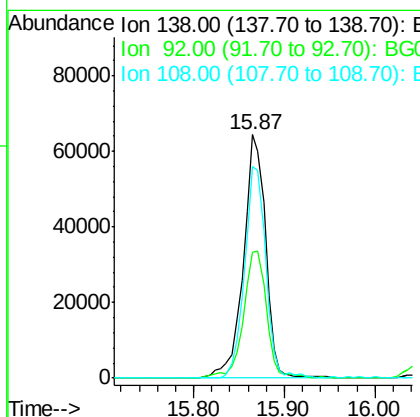
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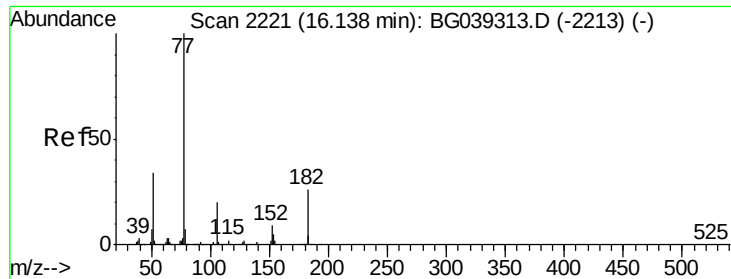
Sohil
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#62
4-Nitroaniline
Concen: 36.680 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	38.7	78.7
108	87.0	74.6	114.6





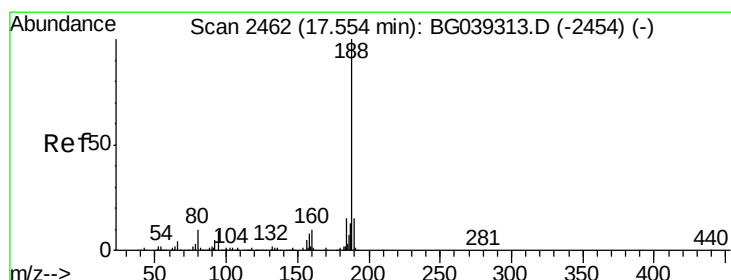
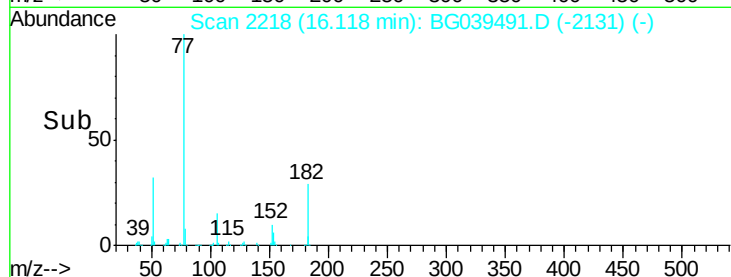
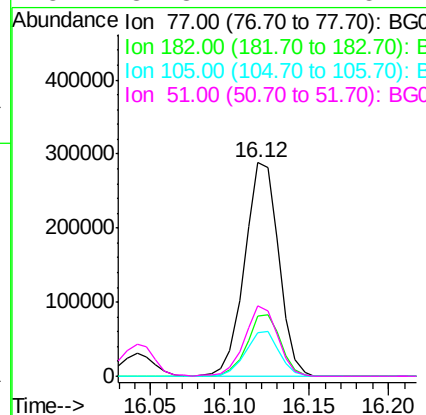
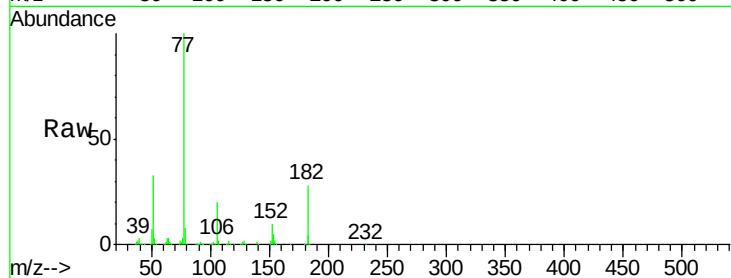
#63
Azobenzene
Concen: 29.169 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.3	6.4	46.4	
105	20.2	0.0	39.8	
51	32.8	14.1	54.1	

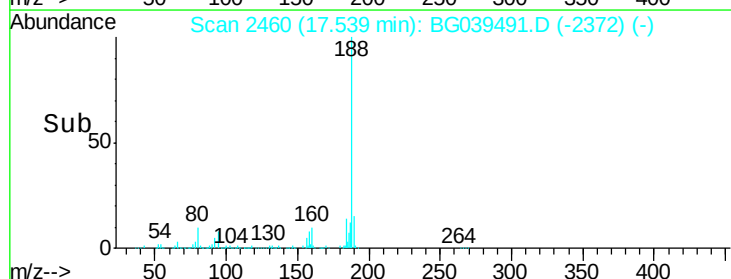
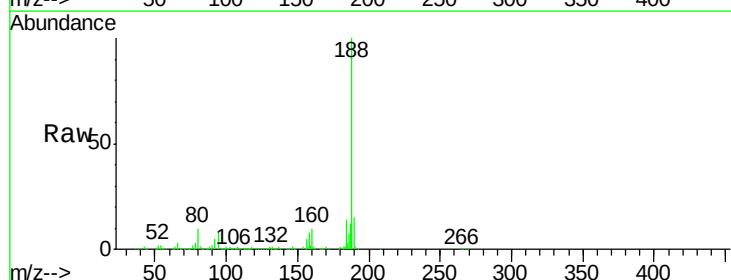
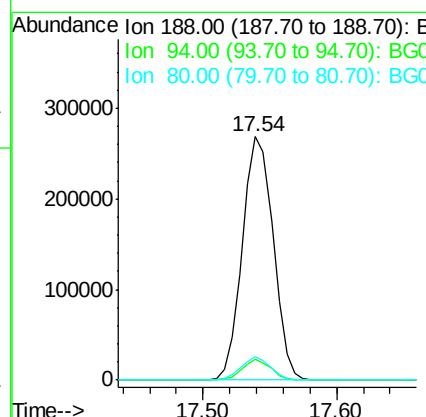
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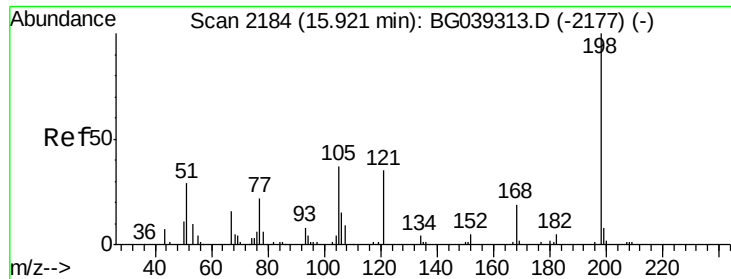
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	6.9	10.3	
80	9.5	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 38.849 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

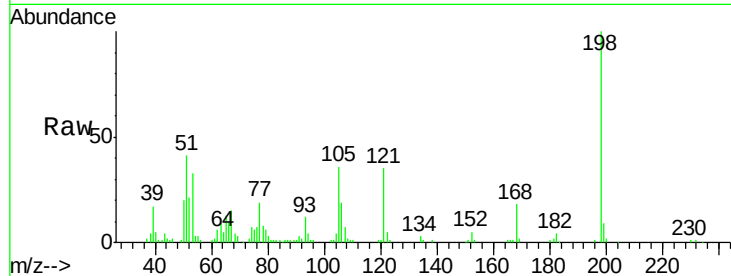
ClientSampleId :

PB117091BS

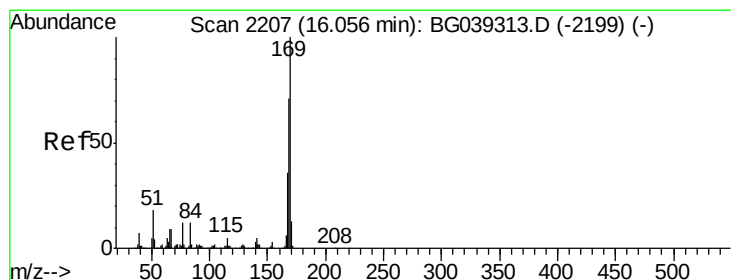
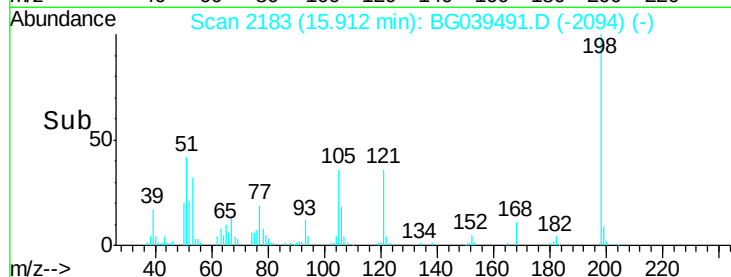
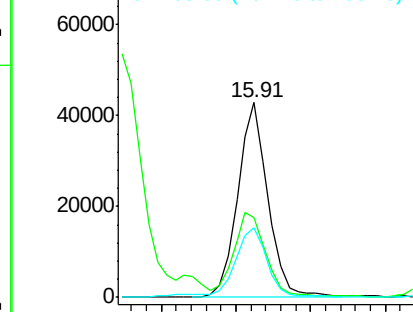
Tot Ion:	198	Resp:	60268
Ion Ratio	Lower	Upper	
198	100		
51	41.4	27.4	67.4
105	36.0	19.7	59.7

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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: 31.825 ng

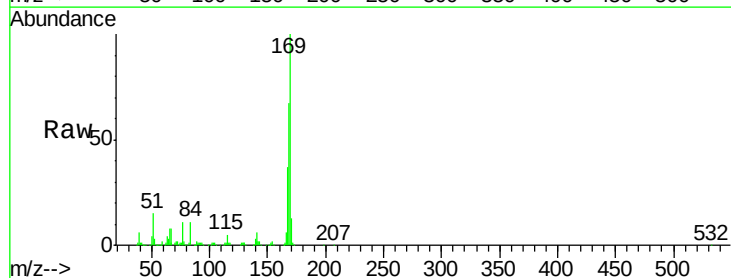
RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

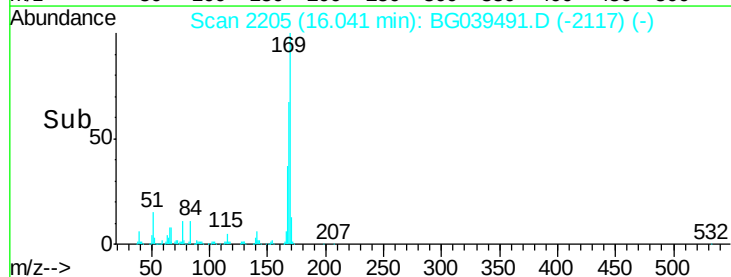
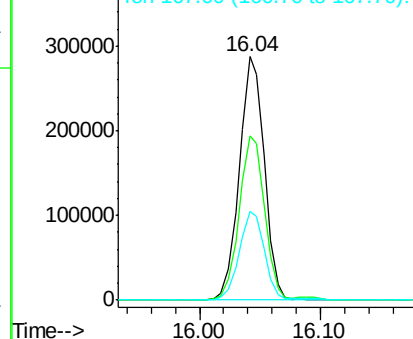
Lab File: BG039491.D

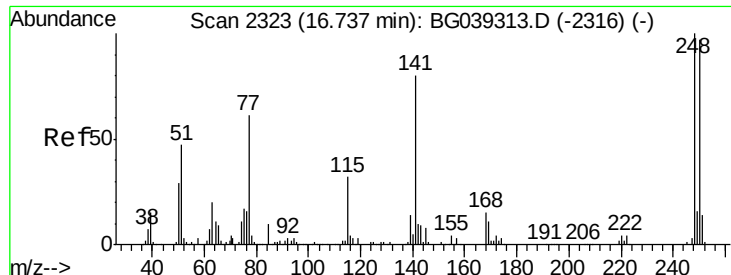
Acq: 13 Feb 2019 16:39

Tgt Ion:	169	Resp:	414675
Ion Ratio	Lower	Upper	
169	100		
168	67.3	56.6	85.0
167	36.7	28.8	43.2



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





#67

4-Bromophenyl-phenylether

Concen: 33.378 ng

RT: 16.72 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

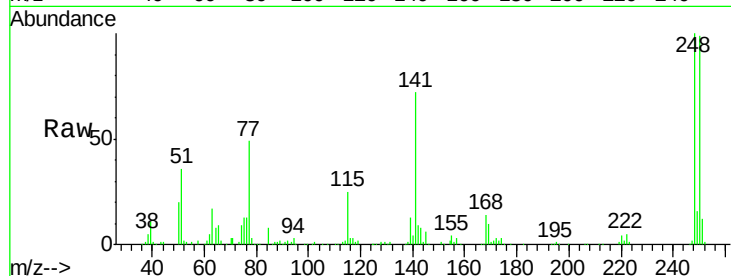
ClientSampleId :

PB117091BS

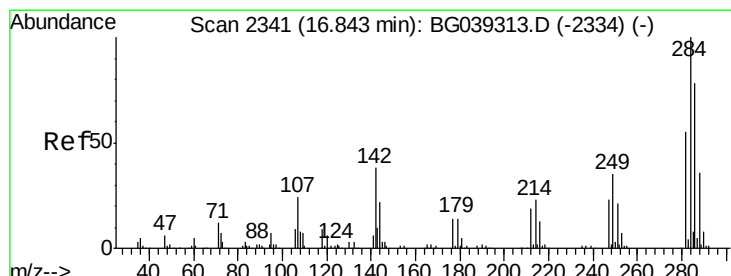
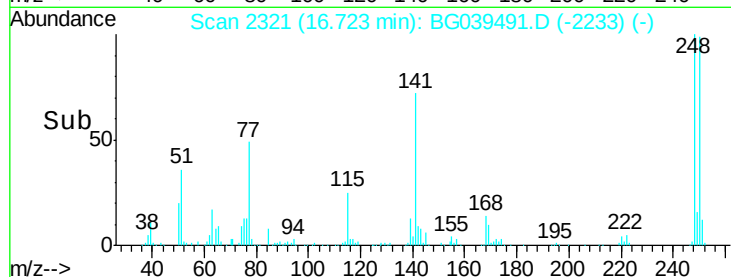
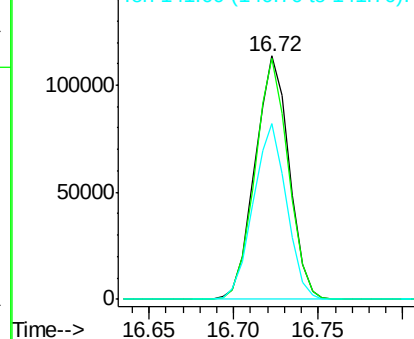
Tot Ion:	248	Resp:	158679
Ion Ratio	Lower	Upper	
248	100		
250	99.2	77.6	116.4
141	72.0	63.9	95.9

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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: 34.051 ng

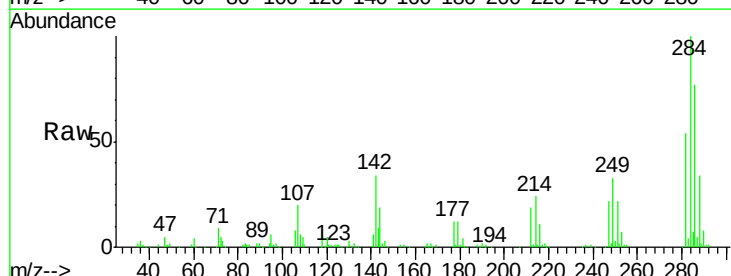
RT: 16.83 min Scan# 2340

Delta R.T. -0.01 min

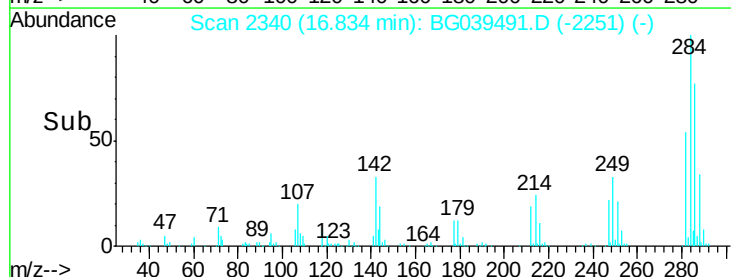
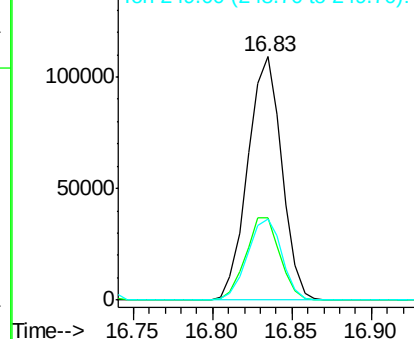
Lab File: BG039491.D

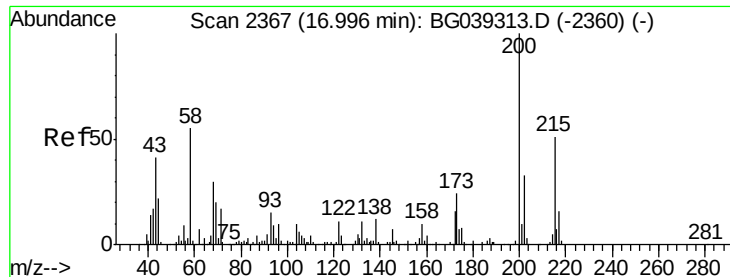
Acq: 13 Feb 2019 16:39

Tgt Ion:	284	Resp:	162411
Ion Ratio	Lower	Upper	
284	100		
142	33.6	30.6	45.8
249	33.2	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: 34.523 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

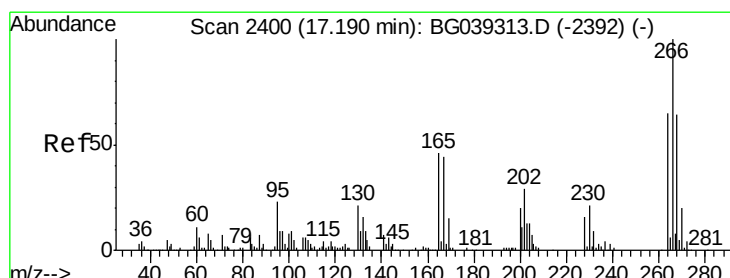
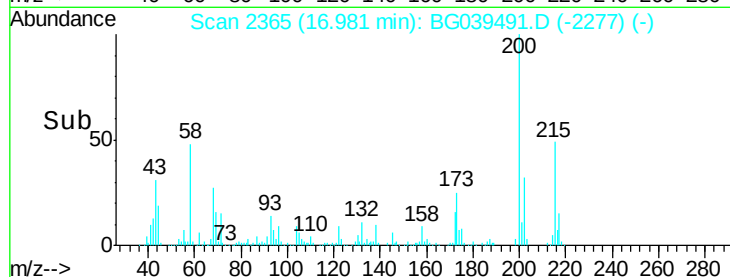
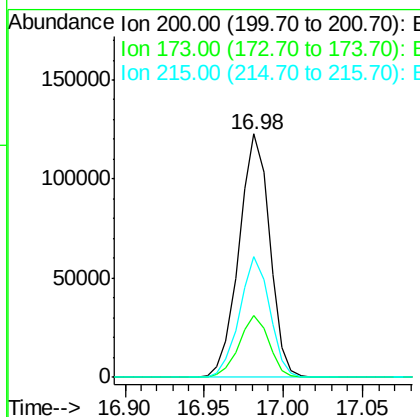
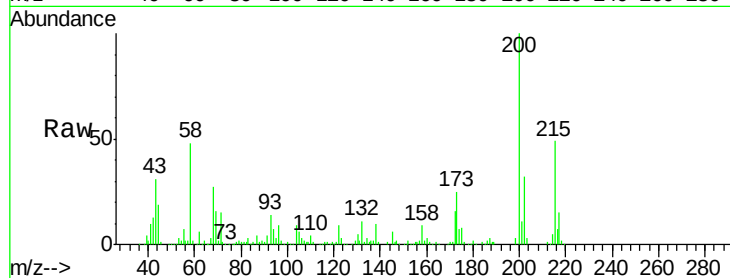
ClientSampleId :

PB117091BS

Tot Ion:	200	Resp:	164387
Ion Ratio		Lower	Upper
200	100		
173	25.3	3.9	43.9
215	49.3	30.9	70.9

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#70

Pentachlorophenol

Concen: 89.189 ng

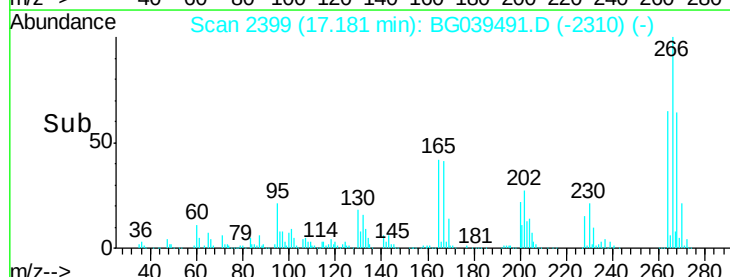
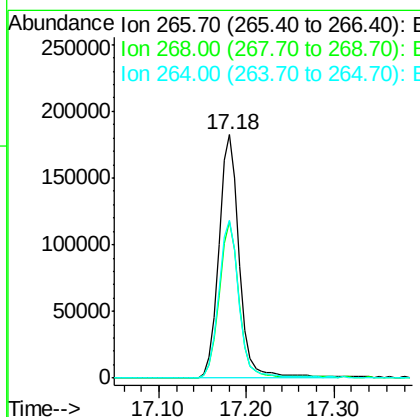
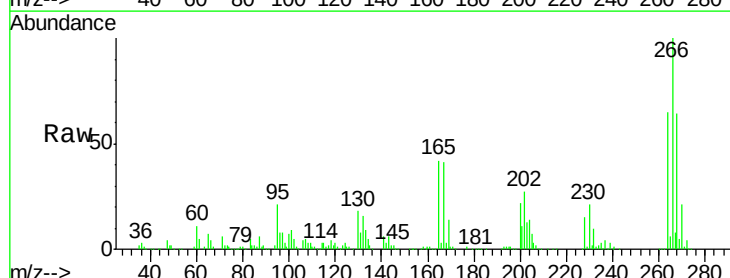
RT: 17.18 min Scan# 2399

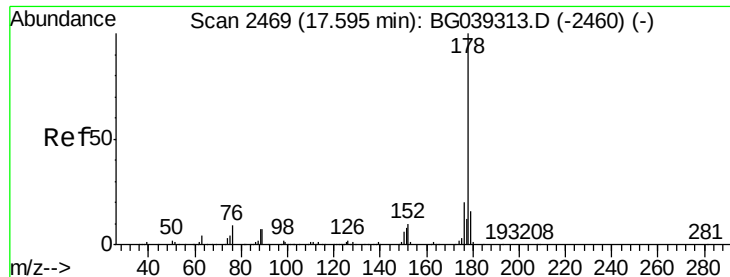
Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion:	266	Resp:	295660
Ion Ratio		Lower	Upper
266	100		
268	64.4	51.1	76.7
264	64.6	52.1	78.1





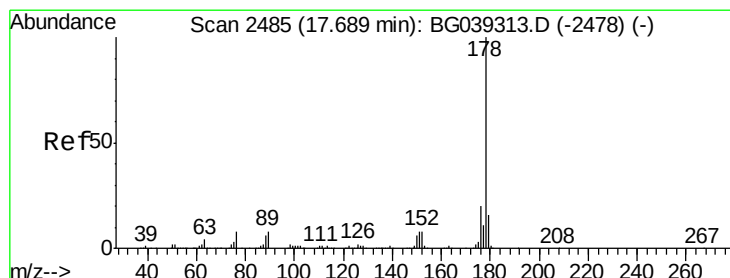
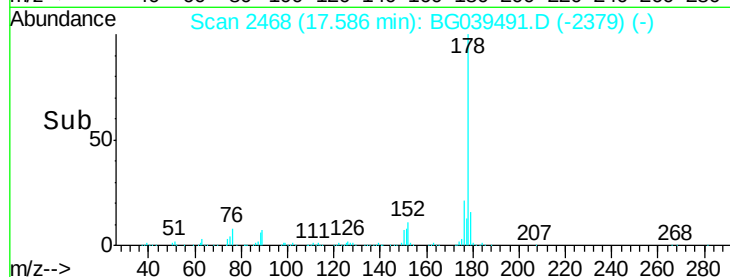
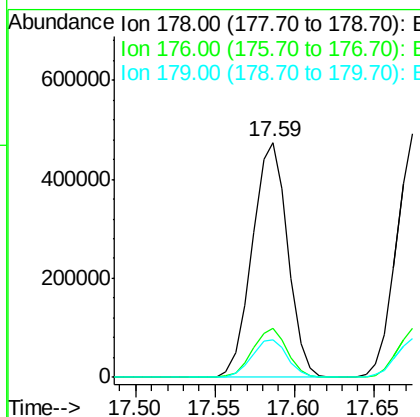
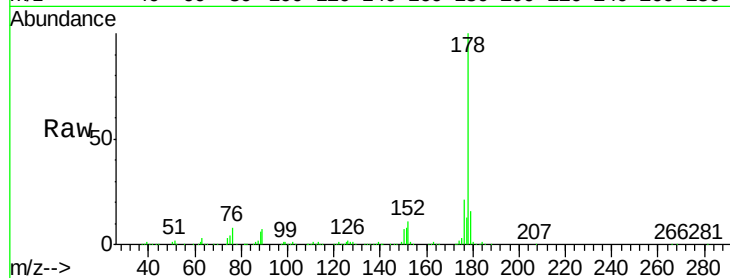
#71
Phenanthrene
Concen: 33.233 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	15.8	12.6	19.0

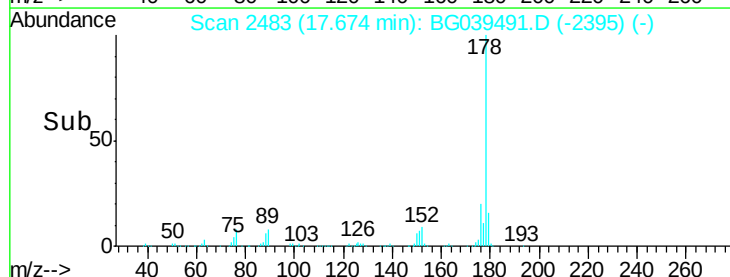
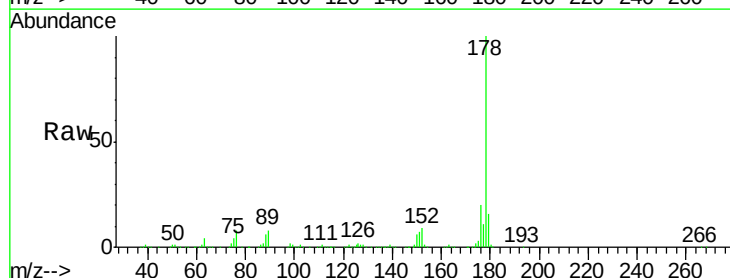
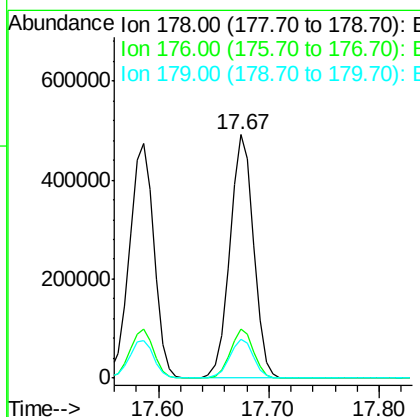
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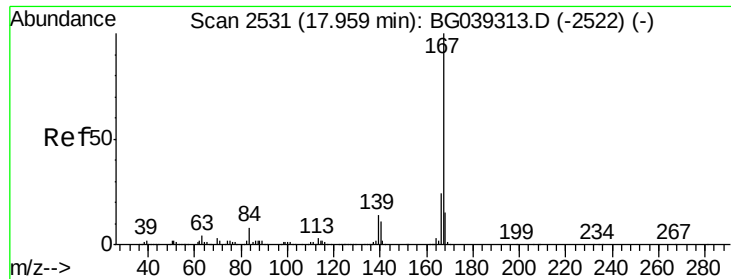
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#72
Anthracene
Concen: 33.751 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	16.2	12.5	18.7





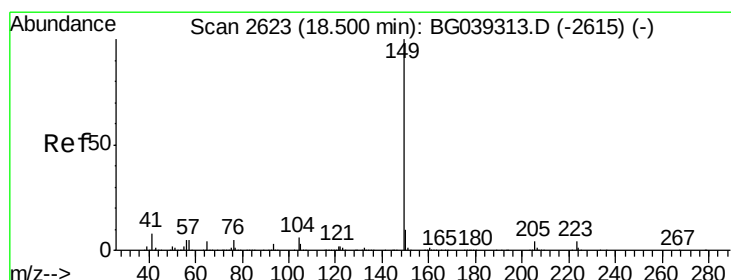
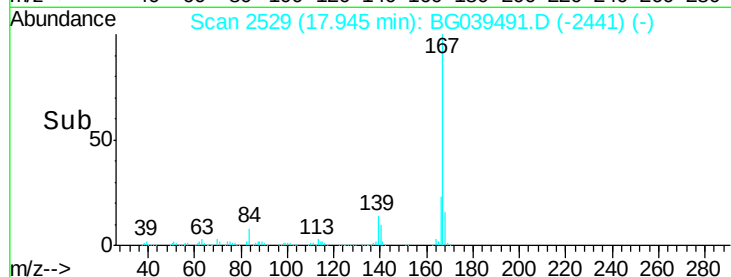
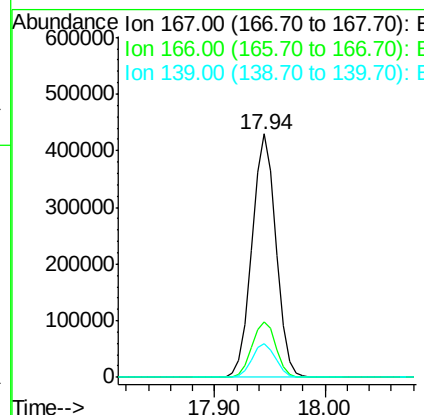
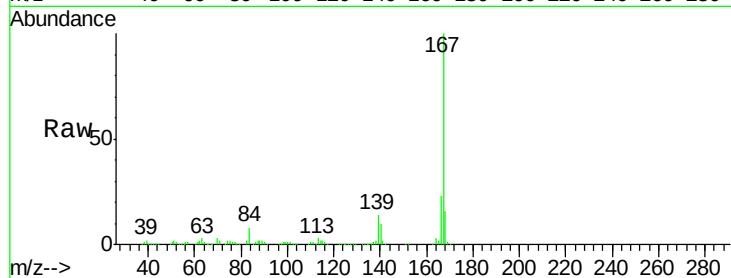
#73
 Carbazole
 Concen: 30.147 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039491.D
 Acq: 13 Feb 2019 16:39

Instrument :
 BNA_G
 ClientSampleId :
 PB117091BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	657272		
166	23.0		19.4	29.2
139	14.1		10.8	16.2

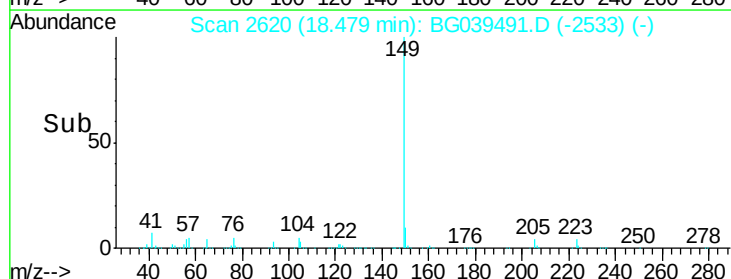
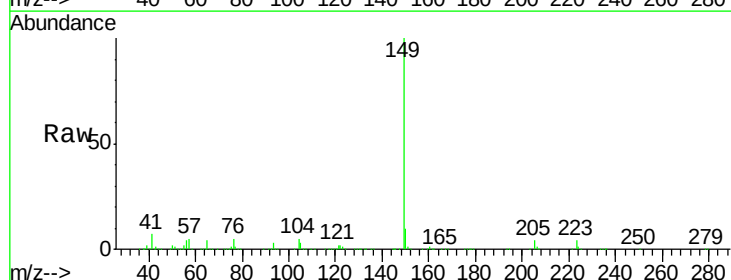
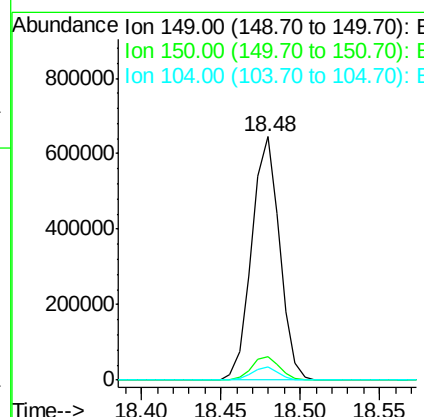
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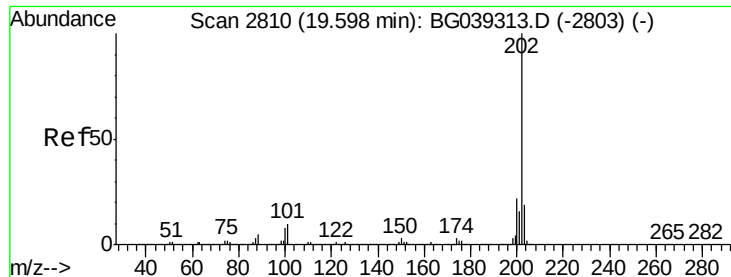
Sohil
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#74
 Di-n-butylphthalate
 Concen: 30.959 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039491.D
 Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	787457		
150	9.7		7.7	11.5
104	5.3		4.5	6.7





#75

Fluoranthene

Concen: 34.406 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

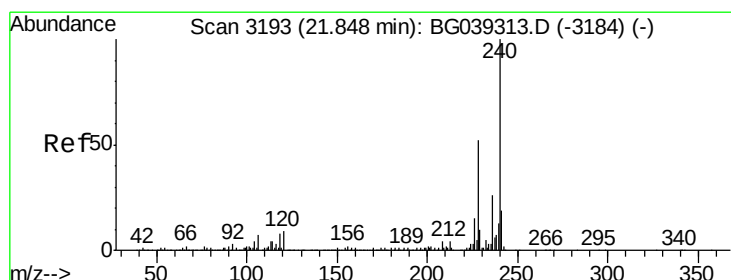
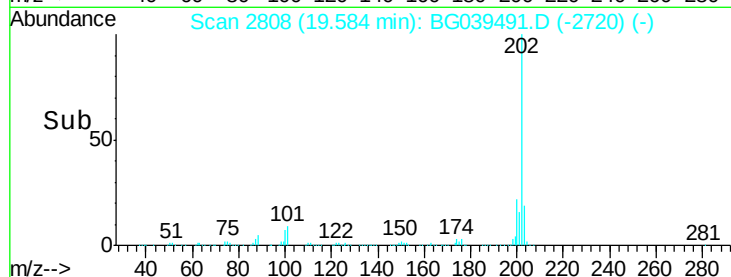
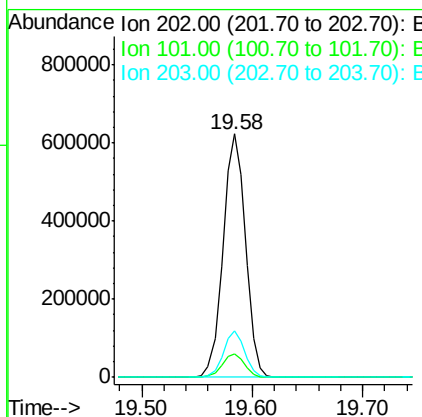
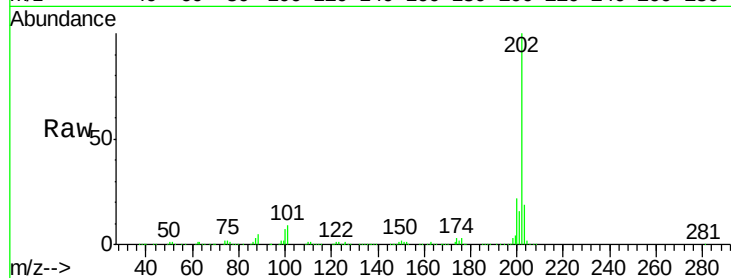
ClientSampleId :

PB117091BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		885707		
101	9.4	0.0	30.0		
203	18.8	0.0	38.9		

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#76

Chrysene-d12

Concen: 20.000 ng

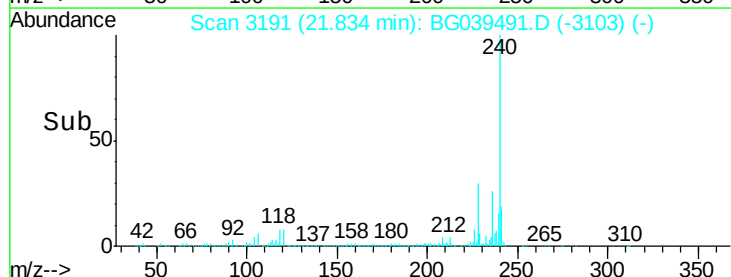
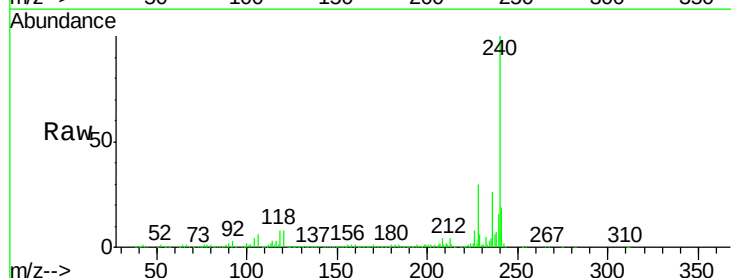
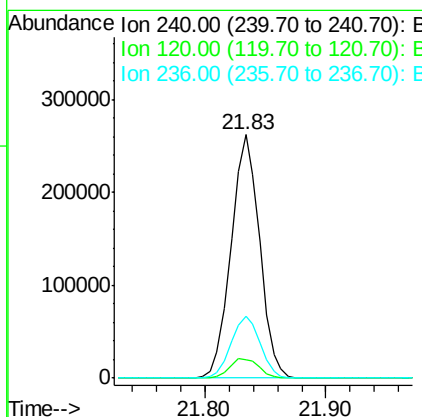
RT: 21.83 min Scan# 3191

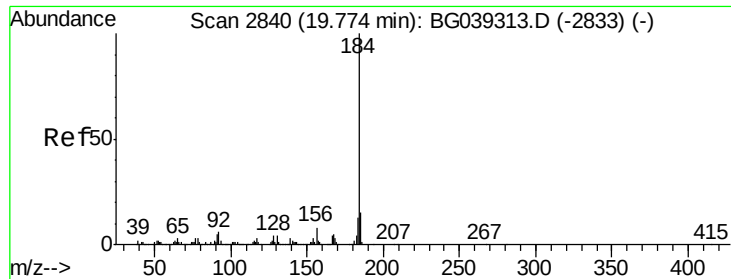
Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		430778		
120	7.8	7.0	10.6		
236	25.5	21.0	31.4		





#77

Benzidine

Concen: 12.522 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

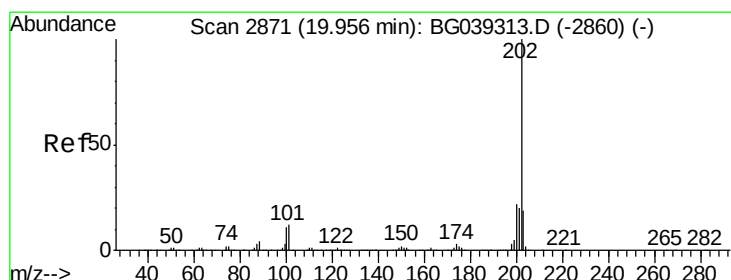
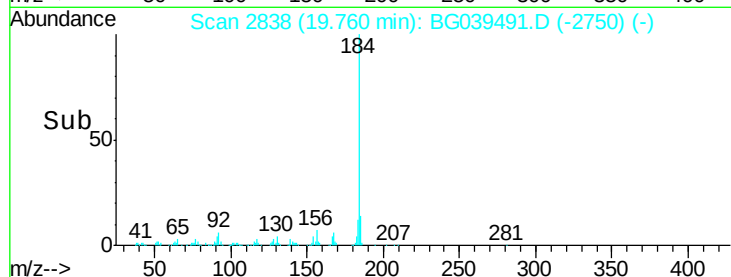
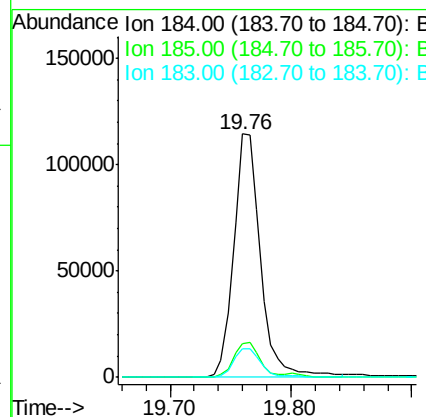
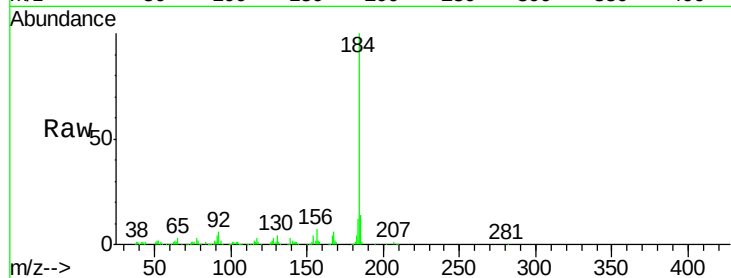
ClientSampleId :

PB117091BS

Tot Ion:	184	Resp:	176857
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.2	18.2
183	12.0	10.6	15.8

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#78

Pyrene

Concen: 33.109 ng

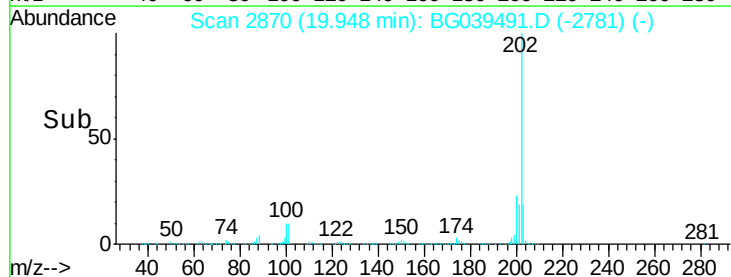
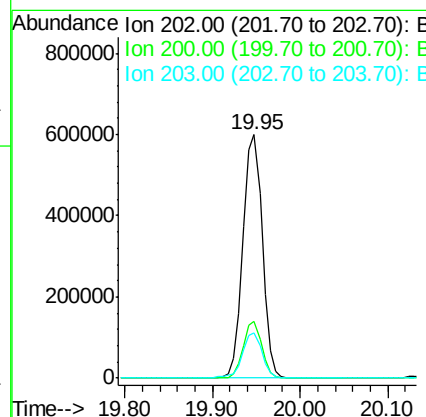
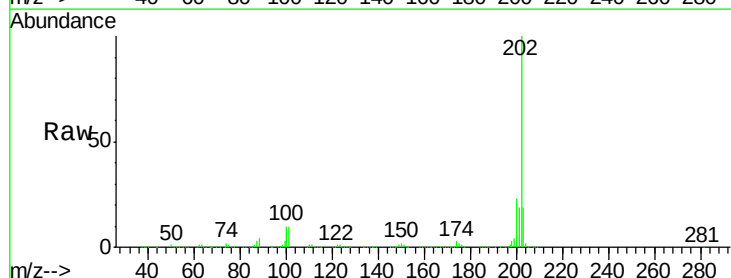
RT: 19.95 min Scan# 2870

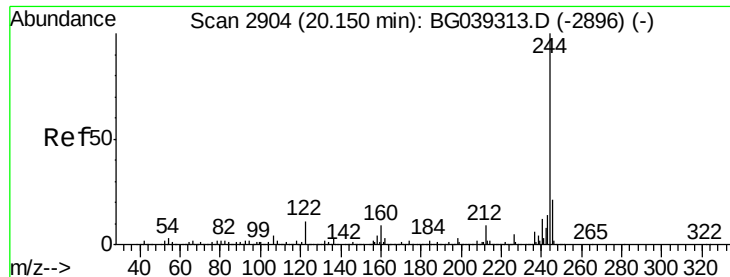
Delta R.T. -0.01 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion:	202	Resp:	887882
Ion Ratio	Lower	Upper	
202	100		
200	23.2	17.8	26.8
203	18.6	15.3	22.9





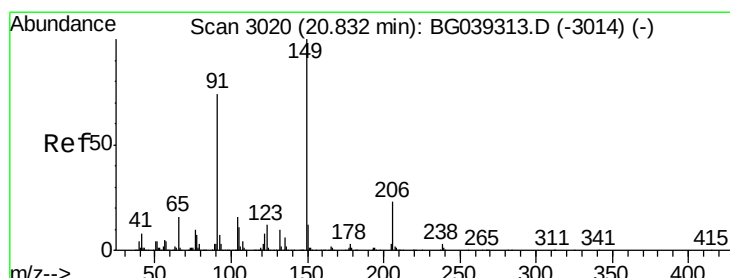
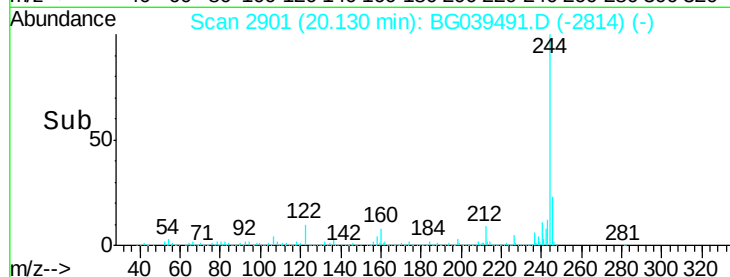
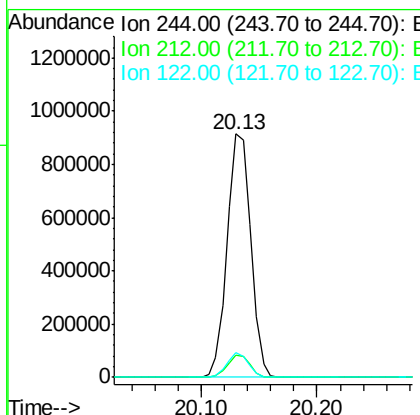
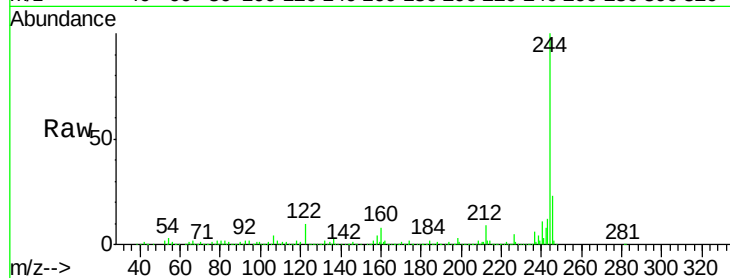
#79
 Terphenyl-d14
 Concen: 63.680 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039491.D
 Acq: 13 Feb 2019 16:39

Instrument :
 BNA_G
 ClientSampleId :
 PB117091BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.0	8.4	12.6

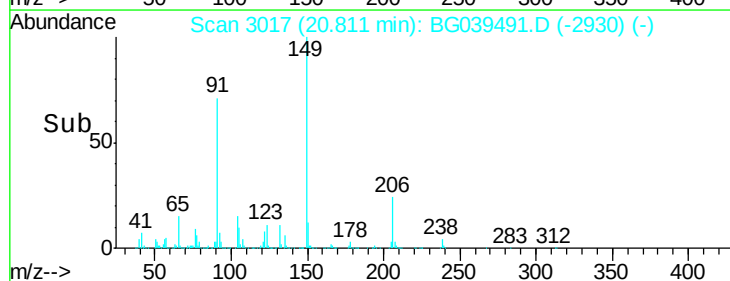
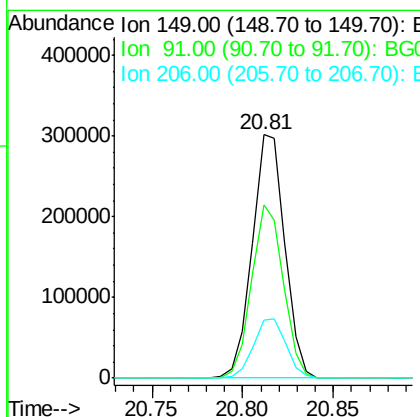
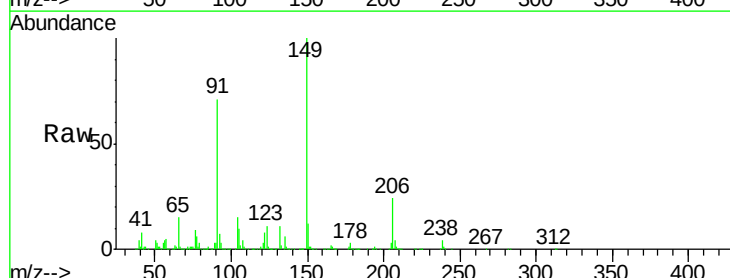
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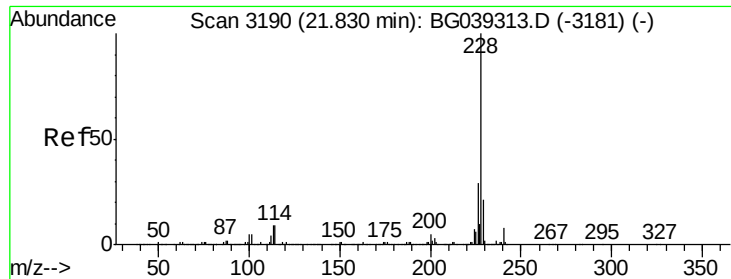
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#80
 Butylbenzylphthalate
 Concen: 33.290 ng
 RT: 20.81 min Scan# 3017
 Delta R.T. -0.02 min
 Lab File: BG039491.D
 Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.3	59.5	89.3
206	23.7	18.6	27.8





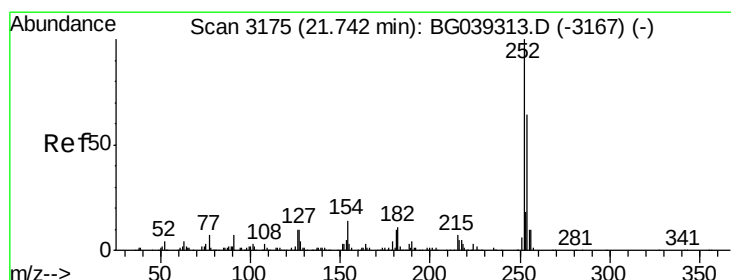
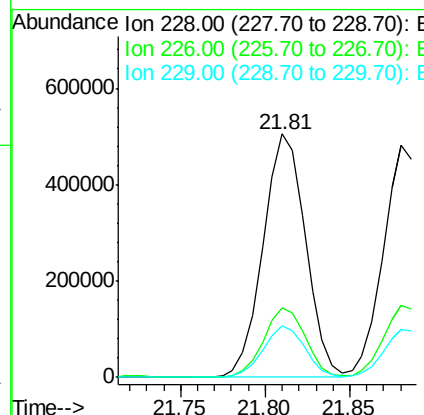
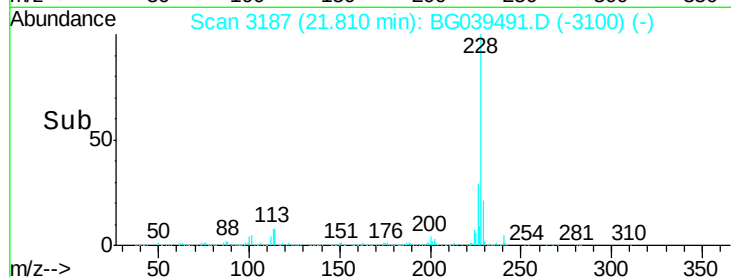
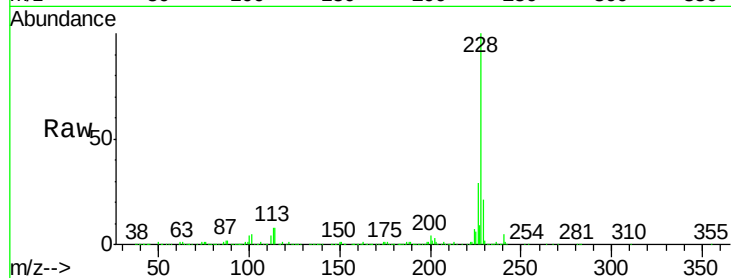
#81
Benzo(a)anthracene
Concen: 34.473 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	21.1	16.9	25.3

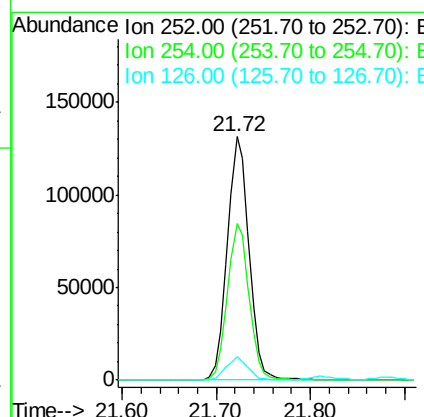
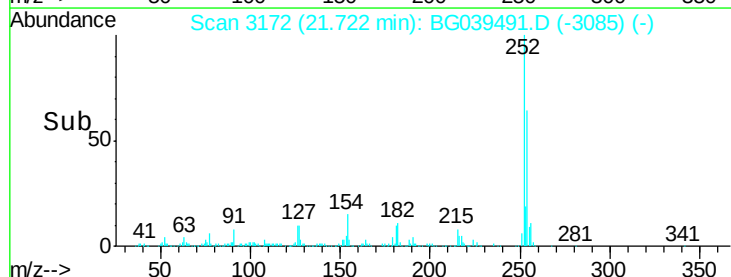
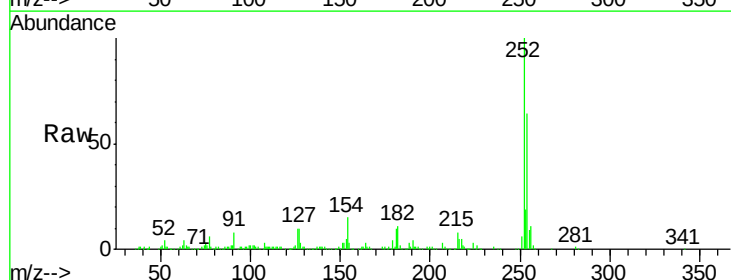
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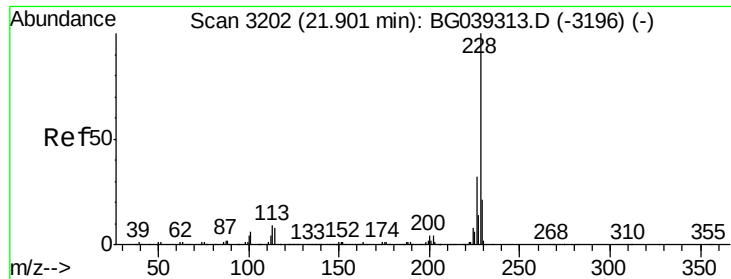
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#82
3,3'-Dichlorobenzidine
Concen: 22.486 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.02 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.3	76.9
126	9.7	8.0	12.0





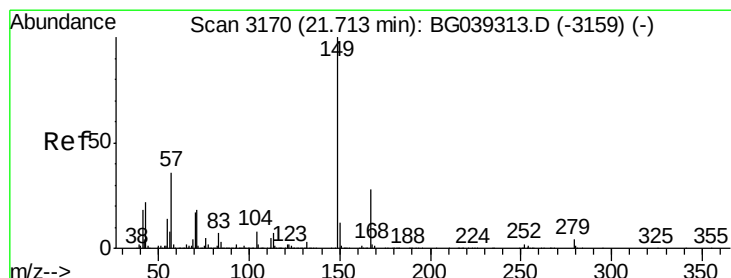
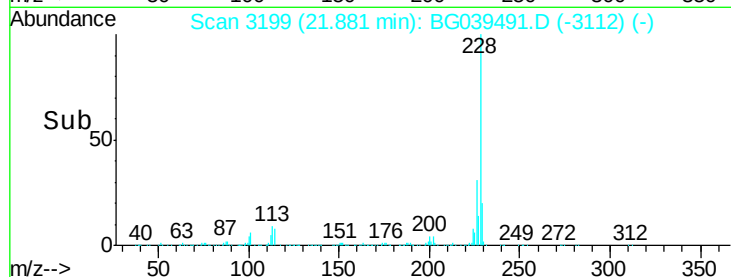
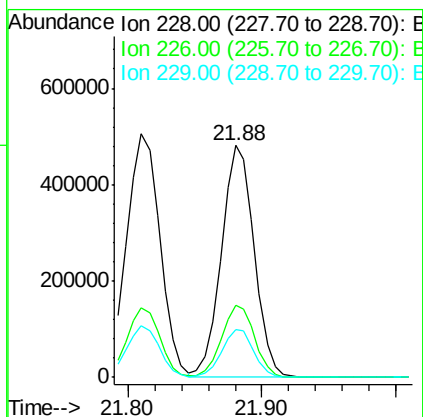
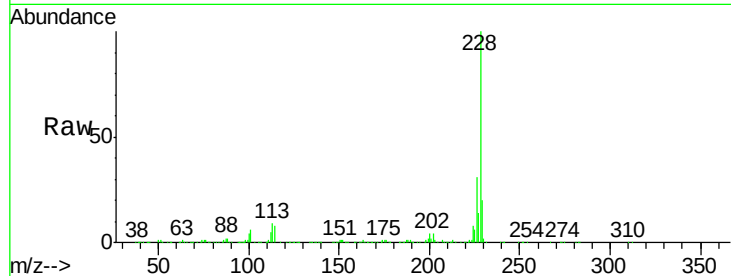
#83
Chrysene
Concen: 33.962 ng
RT: 21.88 min Scan# 3199
Delta R.T. -0.02 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.8	38.6
229	20.4	16.6	25.0

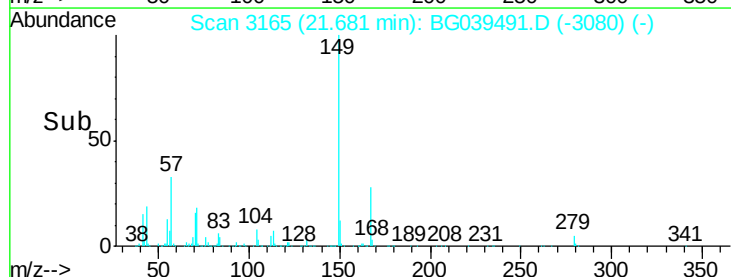
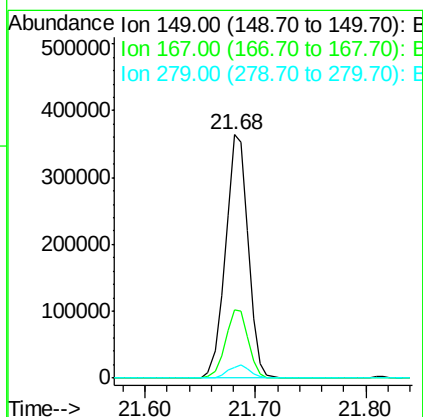
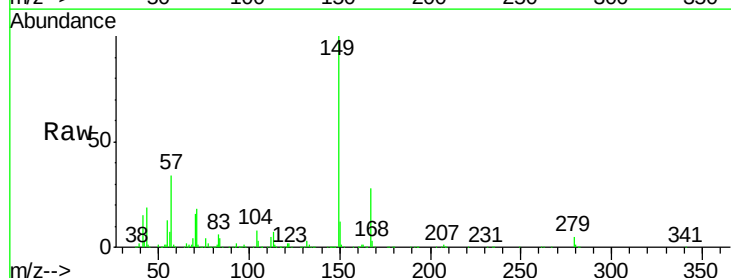
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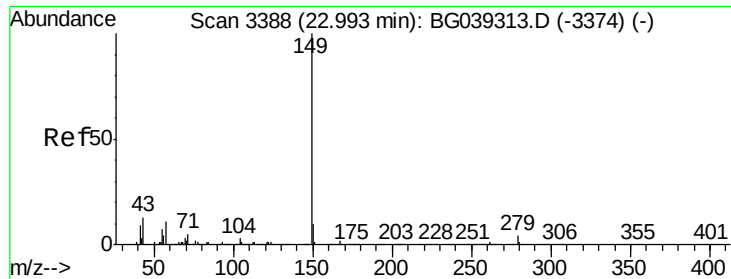
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#84
Bis(2-ethylhexyl)phthalate
Concen: 32.218 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.6	34.0
279	4.6	3.5	5.3





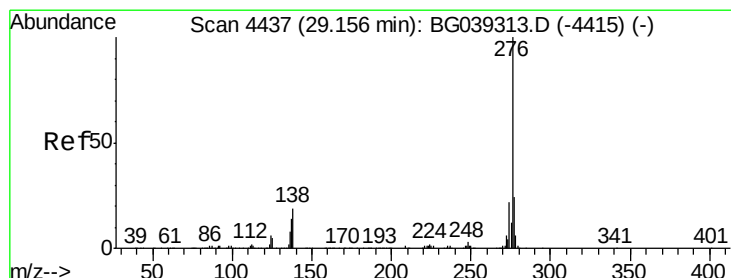
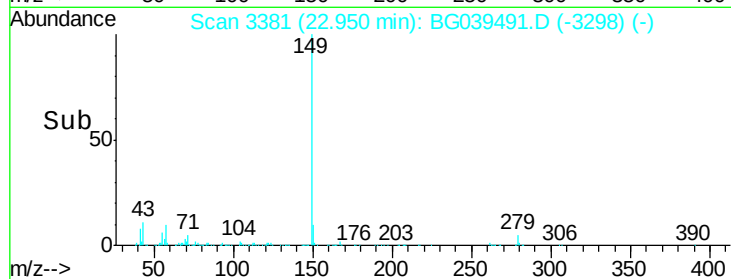
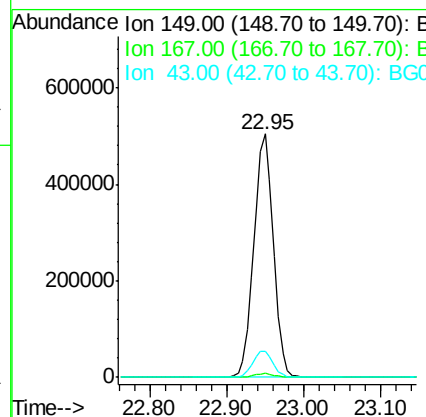
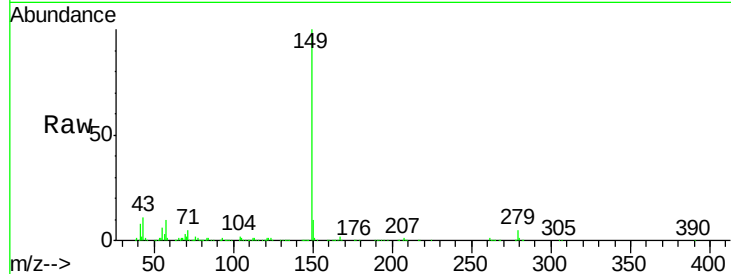
#85
Di-n-octyl phthalate
Concen: 33.557 ng
RT: 22.95 min Scan# 3381
Delta R.T. -0.04 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	894723		
167	1.6		1.3	1.9
43	11.0		10.2	15.4

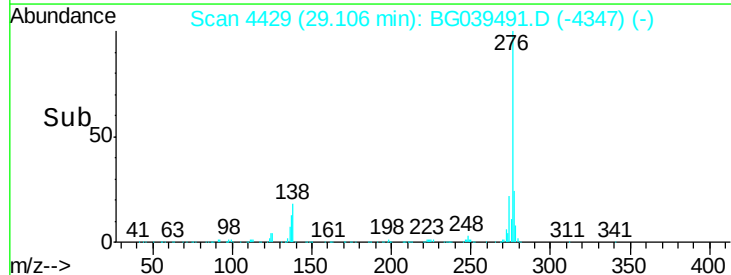
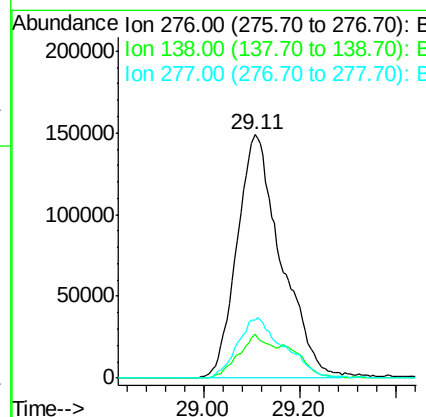
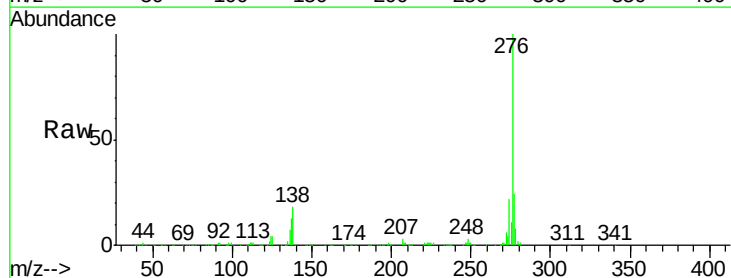
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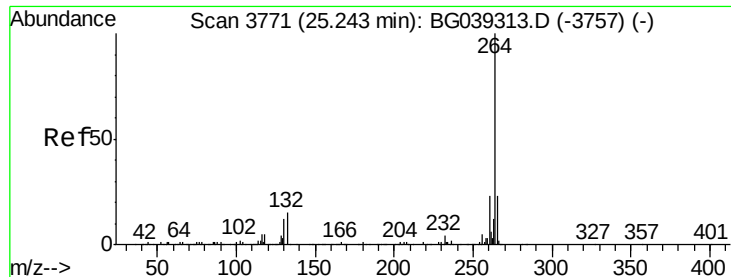
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.661 ng
RT: 29.11 min Scan# 4429
Delta R.T. -0.05 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	953114		
138	13.4		12.6	19.0
277	26.1		20.8	31.2





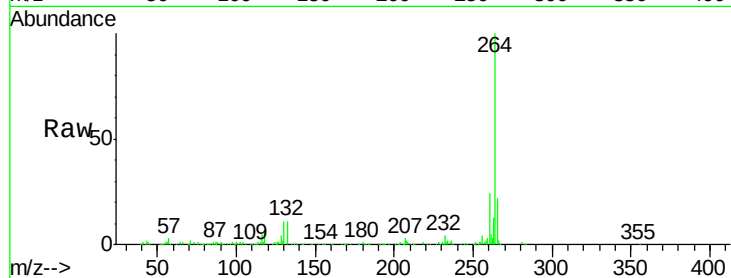
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3768
Delta R.T. -0.02 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

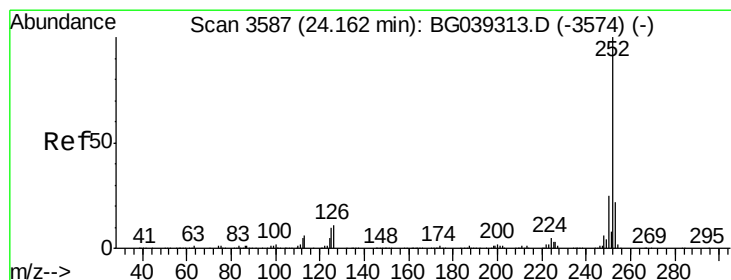
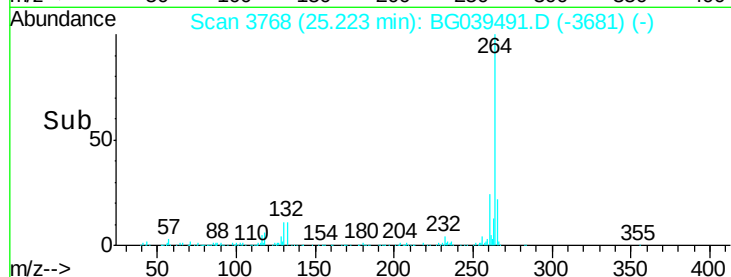
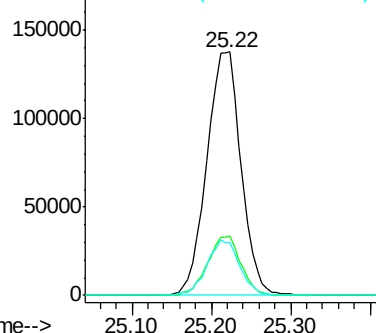
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.6	18.5	27.7

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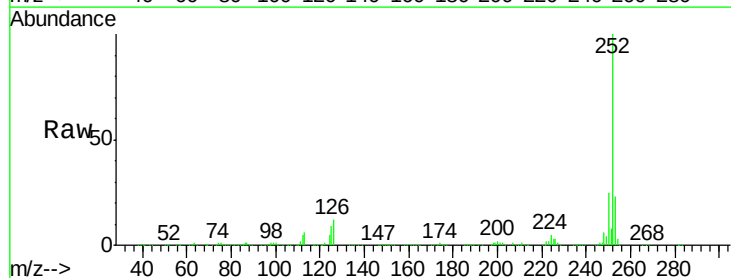


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

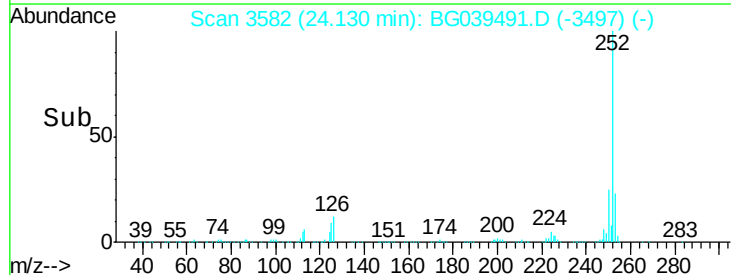
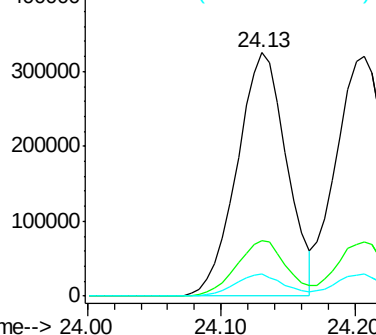


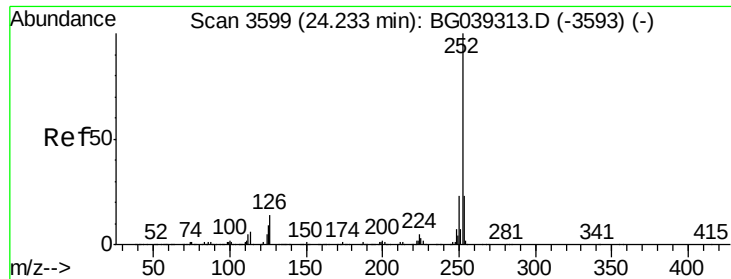
#88
Benzo(b)fluoranthene
Concen: 37.240 ng
RT: 24.13 min Scan# 3582
Delta R.T. -0.03 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	9.0	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





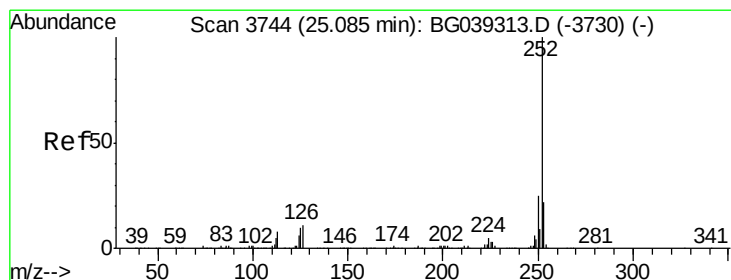
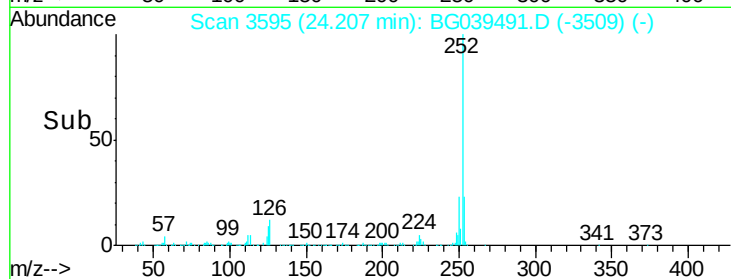
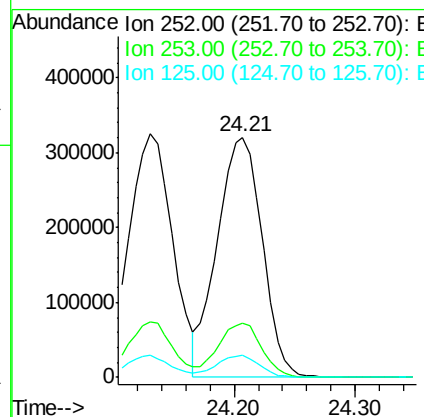
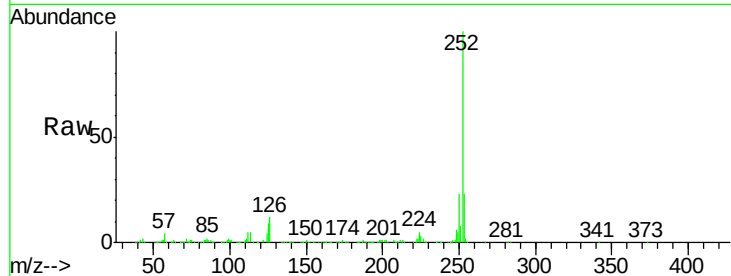
#89
Benzo(k)fluoranthene
Concen: 36.482 ng
RT: 24.21 min Scan# 3595
Delta R.T. -0.03 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
PB117091BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.1	7.4	11.2

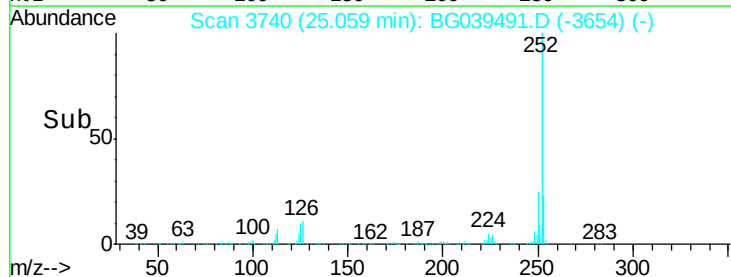
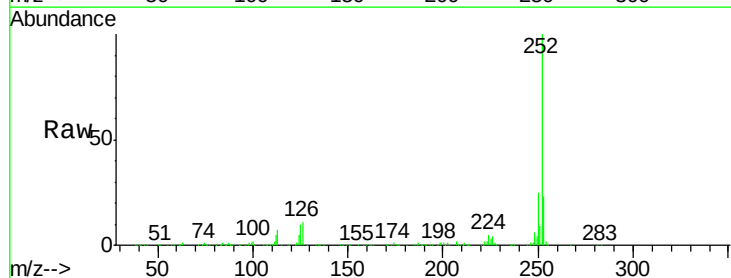
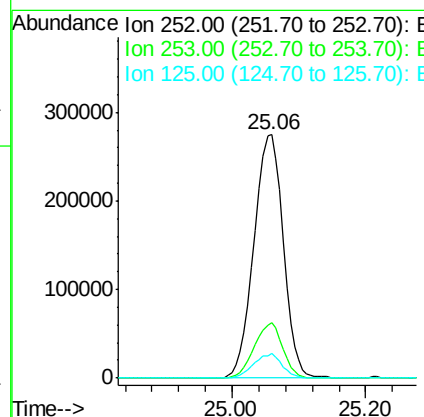
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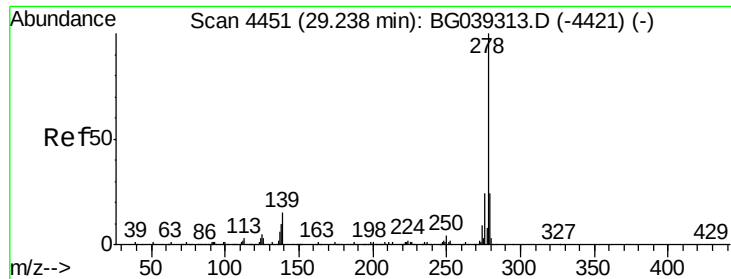
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#90
Benzo(a)pyrene
Concen: 38.185 ng
RT: 25.06 min Scan# 3740
Delta R.T. -0.03 min
Lab File: BG039491.D
Acq: 13 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.0	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 38.319 ng

RT: 29.18 min Scan# 4442

Delta R.T. -0.06 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Instrument :

BNA_G

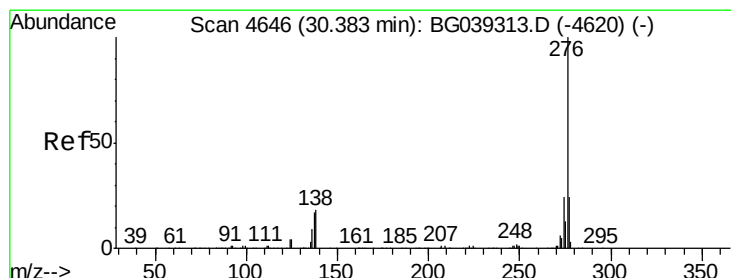
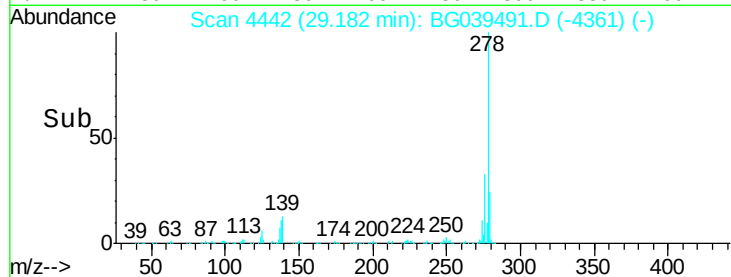
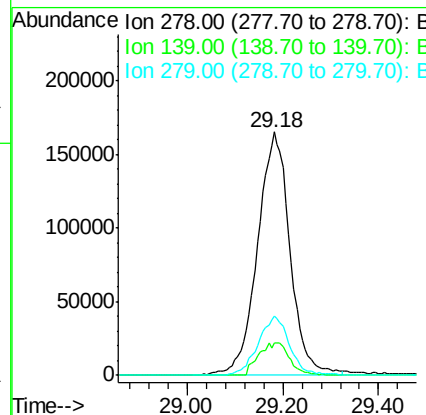
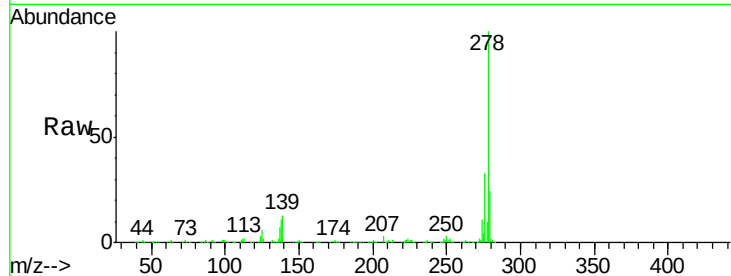
ClientSampleId :

PB117091BS

Tot Ion:	278	Resp:	778597
Ion Ratio	Lower	Upper	
278	100		
139	13.3	11.7	17.5
279	24.3	19.1	28.7

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 38.308 ng

RT: 30.33 min Scan# 4638

Delta R.T. -0.05 min

Lab File: BG039491.D

Acq: 13 Feb 2019 16:39

Tgt Ion:	276	Resp:	775822
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.6	29.4
138	17.7	14.7	22.1

