

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039638.D
 Acq On : 27 Feb 2019 17:18
 Operator : JU/SJ
 Sample : PB117428BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BS

Manual Integrations
 APPROVED

Sohil
 2/28/2019 1:32:05 PM

Quant Time: Feb 28 01:20:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	69678	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	298814	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	197622	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	493721	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	498853	20.00	ng	-0.02
87) Perylene-d12	25.20	264	487253	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	560787	137.75	ng	0.00
7) Phenol-d6	7.31	99	826777	137.97	ng	0.00
23) Nitrobenzene-d5	9.35	82	401825	84.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	354914	166.78	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	943088	68.46	ng	-0.02
79) Terphenyl-d14	20.13	244	1638380	69.52	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	71025	39.883	ng	95
3) Pyridine	4.01	79	208470	44.215	ng	96
4) n-Nitrosodimethylamine	3.93	42	101817	43.180	ng	85
6) Aniline	7.50	93	316109	42.113	ng	97
8) 2-Chlorophenol	7.73	128	190543	42.817	ng	98
9) Benzaldehyde	7.31	77	117611	39.025	ng	98
10) Phenol	7.34	94	263028	42.106	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	200742	40.668	ng	95
12) 1,3-Dichlorobenzene	8.05	146	220159	40.838	ng	95
13) 1,4-Dichlorobenzene	8.20	146	225250	41.920	ng	99
14) 1,2-Dichlorobenzene	8.52	146	213413	41.027	ng	99
15) Benzyl Alcohol	8.41	79	193213	41.068	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	391298	35.103	ng	99
17) 2-Methylphenol	8.60	107	173029	42.802	ng	93
18) Hexachloroethane	9.25	117	79565	43.040	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	161629	38.001	ng	91
20) 3+4-Methylphenols	8.93	107	239520	43.027	ng	98
22) Acetophenone	8.99	105	313696	39.082	ng	96
24) Nitrobenzene	9.39	77	242508	46.930	ng	95
25) Isophorone	9.91	82	469158	44.262	ng	99
26) 2-Nitrophenol	10.10	139	120418	56.307	ng	96
27) 2,4-Dimethylphenol	10.14	122	191774	44.726	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	276399	42.336	ng	97
29) 2,4-Dichlorophenol	10.63	162	211250	45.079	ng	97
30) 1,2,4-Trichlorobenzene	10.85	180	228813	43.490	ng	99
31) Naphthalene	11.04	128	645695	43.557	ng	99
32) Benzoic acid	10.28	122	133510	47.635	ng	96
33) 4-Chloroaniline	11.15	127	285925	41.599	ng	96
34) Hexachlorobutadiene	11.30	225	150109	42.902	ng	98
35) Caprolactam	11.94	113	78837m	40.654	ng	
36) 4-Chloro-3-methylphenol	12.25	107	234052	43.186	ng	99
37) 2-Methylnaphthalene	12.63	142	493138	44.915	ng	97
38) 1-Methylnaphthalene	12.85	142	459825	43.447	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	270194	42.971	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	323822	94.511	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	182808	47.286	nq	95
44) 2,4,5-Trichlorophenol	13.30	196	192903	47.608	nq	98
46) 1,1'-Biphenyl	13.63	154	636932	38.737	nq	98
47) 2-Chloronaphthalene	13.68	162	495000	40.018	nq	98
48) 2-Nitroaniline	13.88	65	176499	49.383	nq	96
49) Acenaphthylene	14.52	152	790456	42.351	nq	99
50) Dimethylphthalate	14.24	163	663743	41.586	nq	100
51) 2,6-Dinitrotoluene	14.37	165	152756	50.770	nq	98
52) Acenaphthene	14.86	154	488621	40.330	nq	97
53) 3-Nitroaniline	14.71	138	155629	48.309	nq	# 88
54) 2,4-Dinitrophenol	14.91	184	179430	113.120	nq	96
55) Dibenzofuran	15.19	168	790902	40.715	nq	98
56) 4-Nitrophenol	15.00	139	264963	90.959	nq	91
57) 2,4-Dinitrotoluene	15.16	165	218629	55.715	nq	# 86
58) Fluorene	15.84	166	637076	43.995	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	195205	51.453	nq	96
60) Diethylphthalate	15.59	149	683061	41.392	nq	98
61) 4-Chlorophenyl-phenylether	15.82	204	335170	40.877	nq	98
62) 4-Nitroaniline	15.87	138	170994	50.819	nq	94
63) Azobenzene	16.11	77	608798	37.745	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	132055	61.221	nq	91
66) n-Nitrosodiphenylamine	16.04	169	586157	39.045	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	227744	41.580	nq	93
68) Hexachlorobenzene	16.83	284	236973	43.122	nq	94
69) Atrazine	16.98	200	138195	25.190	nq	98
70) Pentachlorophenol	17.18	266	300748	78.743	nq	98
71) Phenanthrene	17.58	178	1069064	41.836	nq	98
72) Anthracene	17.67	178	1084084	43.070	nq	97
73) Carbazole	17.94	167	959618	38.202	nq	99
74) Di-n-butylphthalate	18.47	149	1163548	39.704	nq	99
75) Fluoranthene	19.58	202	1281705	43.214	nq	99
77) Benzidine	19.76	184	903411	55.237	nq	99
78) Pyrene	19.94	202	1280011	41.218	nq	98
80) Butylbenzylphthalate	20.81	149	560088	42.754	nq	95
81) Benzo(a)anthracene	21.81	228	1264399	42.895	nq	98
82) 3,3'-Dichlorobenzidine	21.72	252	465771	42.615	nq	99
83) Chrysene	21.88	228	1186336	42.278	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	773723	41.400	nq	100
85) Di-n-octyl phthalate	22.93	149	1314009	42.557	nq	97
86) Indeno(1,2,3-cd)pyrene	29.09	276	1445524	48.014	nq	99
88) Benzo(b)fluoranthene	24.12	252	1248216	46.974	nq	99
89) Benzo(k)fluoranthene	24.20	252	1209707	45.344	nq	99
90) Benzo(a)pyrene	25.05	252	1229280	48.035	nq	99
91) Dibenzo(a,h)anthracene	29.17	278	1172578	48.926	nq	99
92) Benzo(g,h,i)perylene	30.34	276	1197423	50.127	nq	98

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

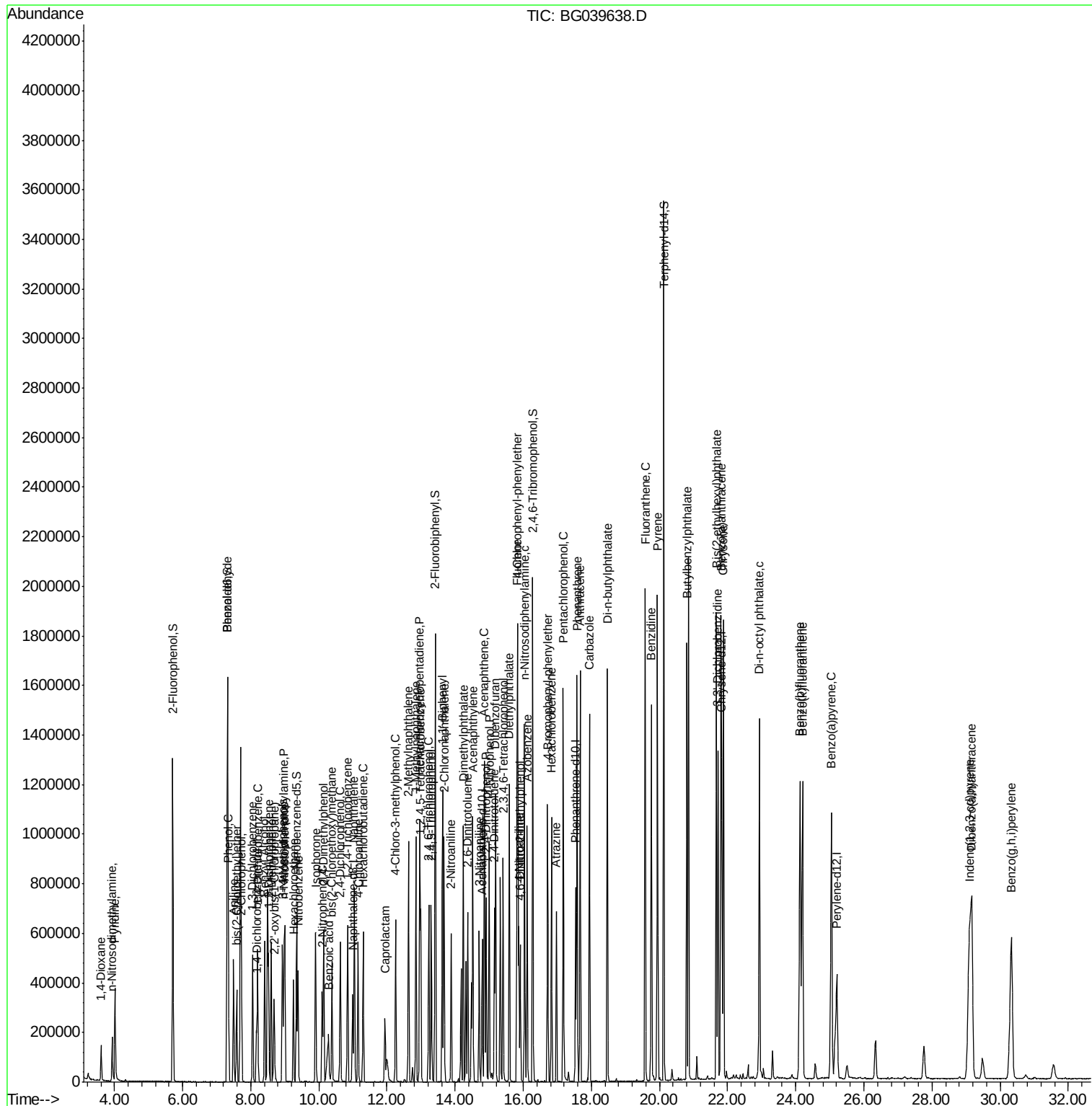
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Data File : BG039638.D
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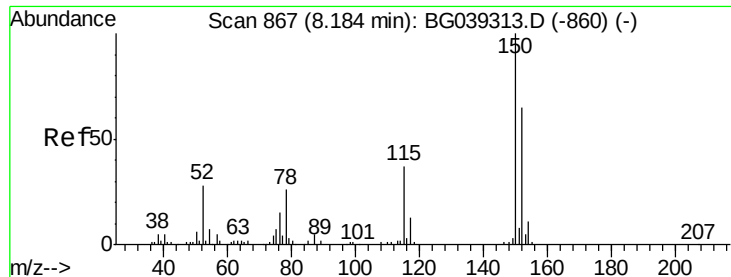
Instrument :
BNA_G
ClientSampled :
PB117428BS

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#1

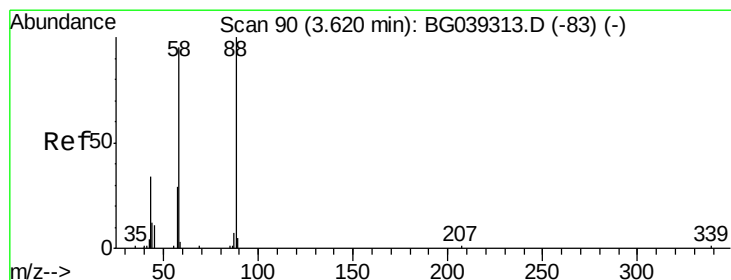
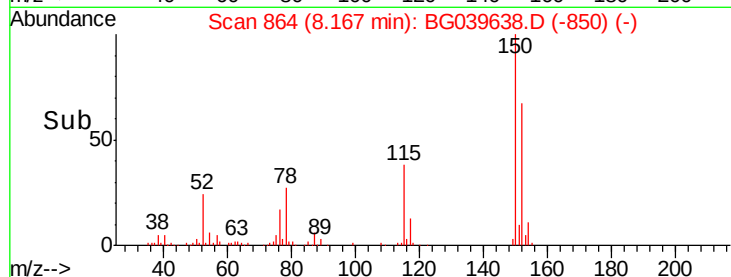
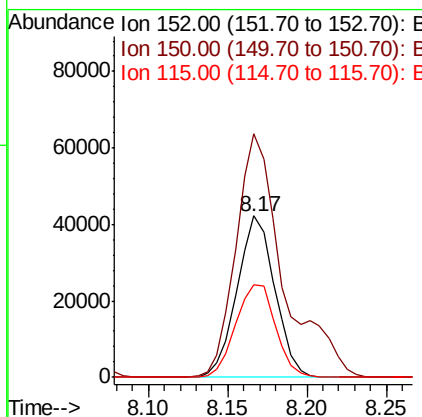
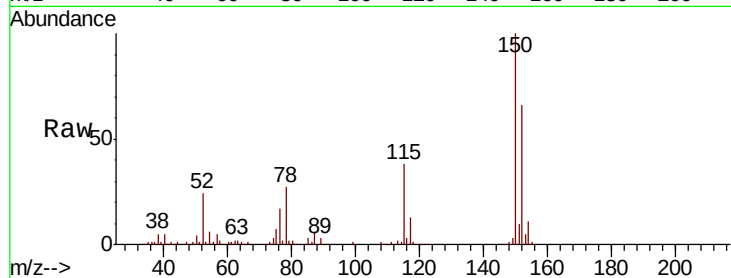
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	123.7	185.5
115	57.2	45.9	68.9

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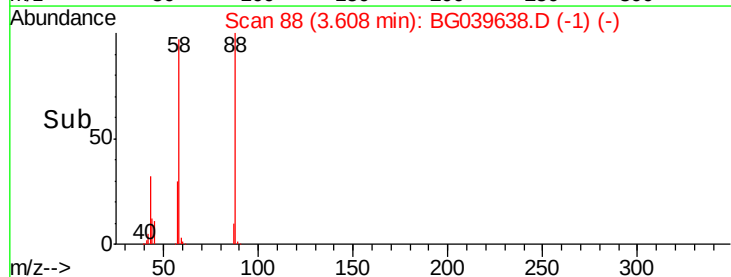
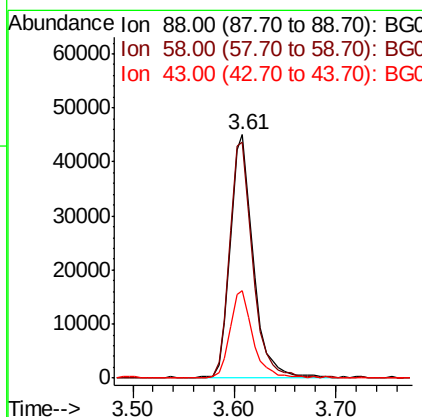
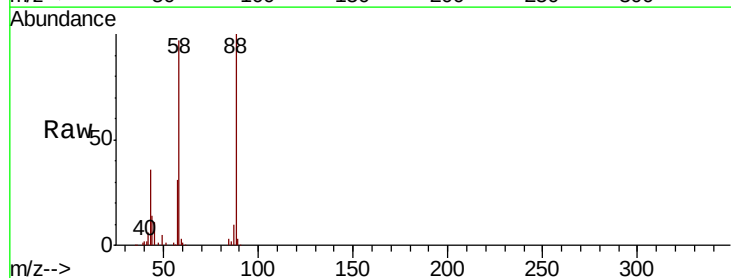
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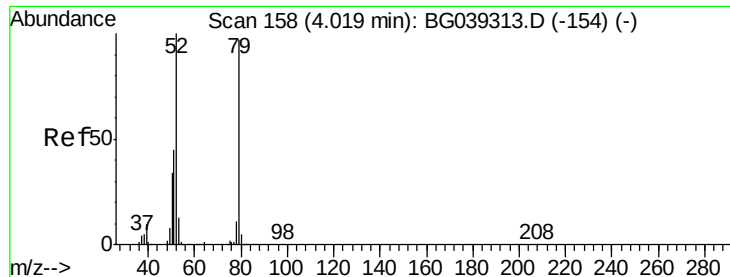


#2

1,4-Dioxane
Concen: 39.883 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.8	81.1	121.7
43	35.8	31.4	47.0





#3

Pvridine

Concen: 44.215 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Instrument :

BNA_G

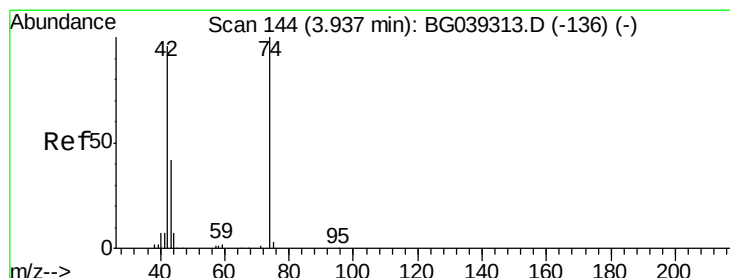
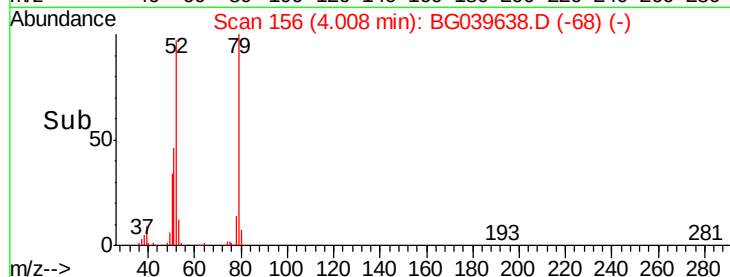
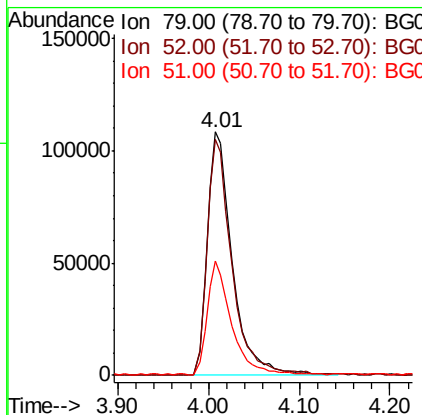
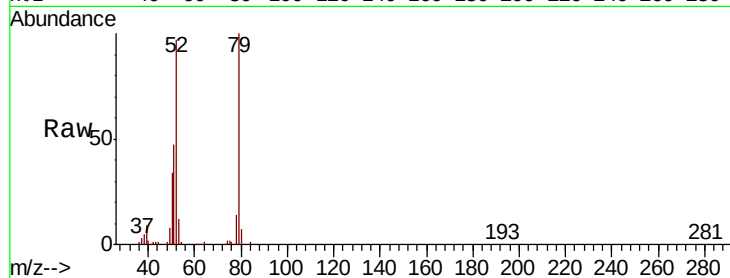
ClientSampled :

PB117428BS

Tot Ion:	79	Resp:	208470
Ion	Ratio	Lower	Upper
79	100		
52	97.1	82.6	124.0
51	46.7	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 43.180 ng

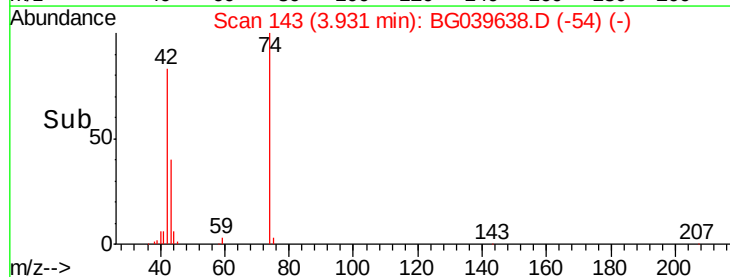
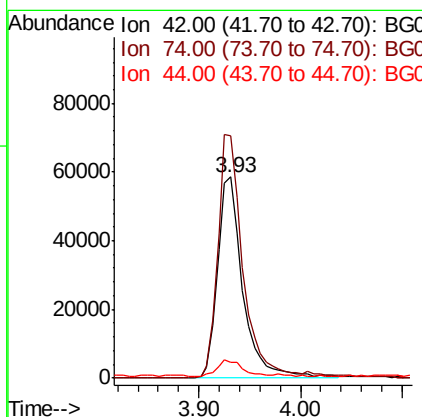
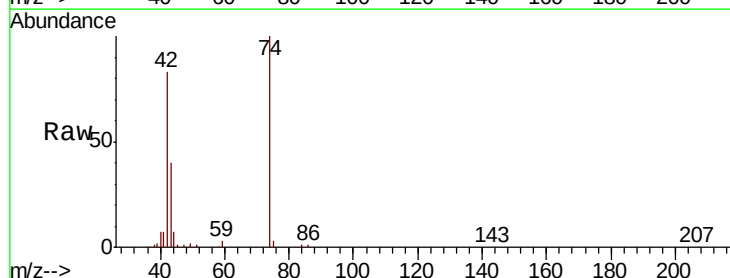
RT: 3.93 min Scan# 143

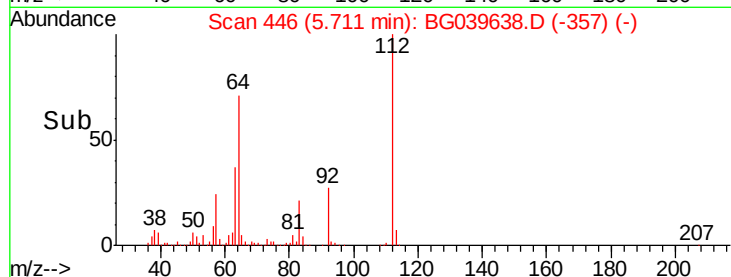
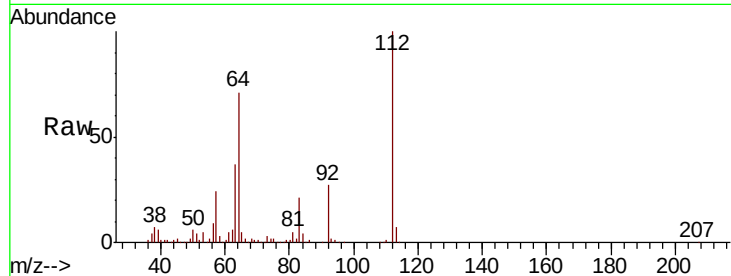
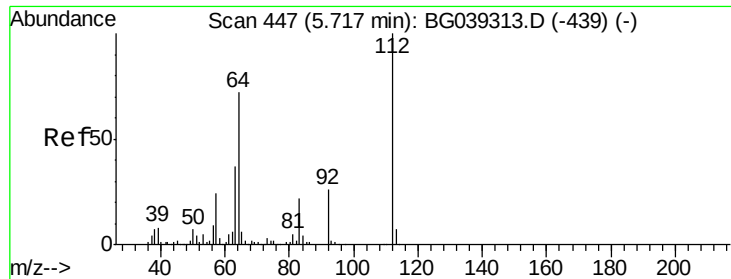
Delta R.T. -0.01 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Tgt Ion:	42	Resp:	101817
Ion	Ratio	Lower	Upper
42	100		
74	120.9	83.6	125.4
44	8.2	6.9	10.3





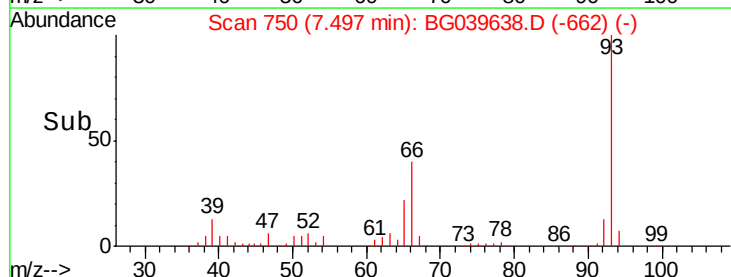
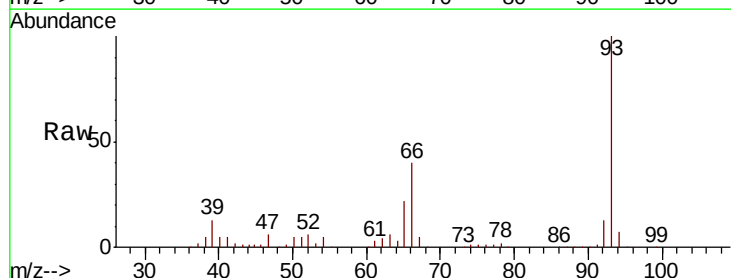
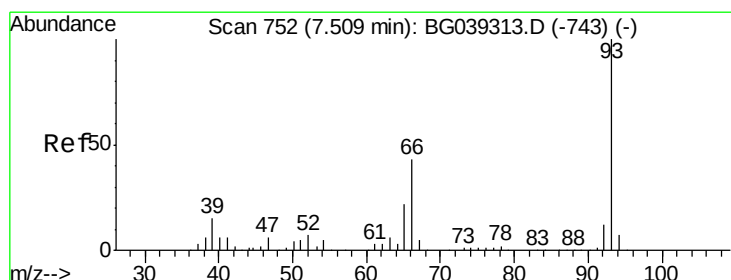
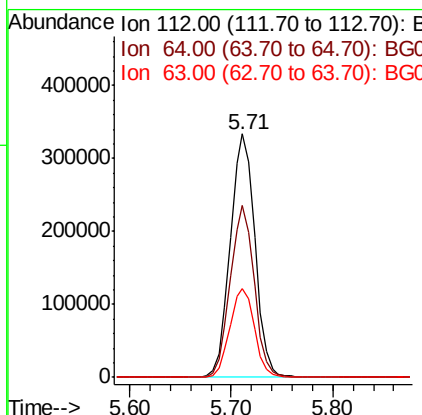
#5
2-Fluorophenol
Concen: 137.747 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tot Ion	Ratio	Resp	Lower	Upper
112	100	560787		
64	70.7		57.8	86.8
63	36.7		29.8	44.6

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BNA_G
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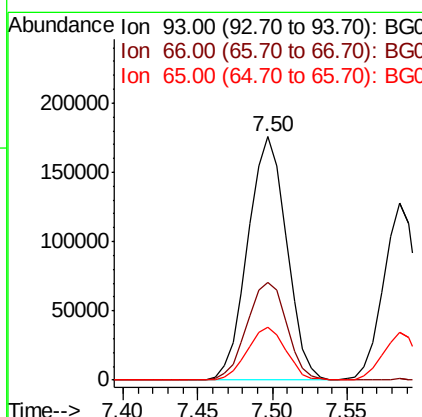
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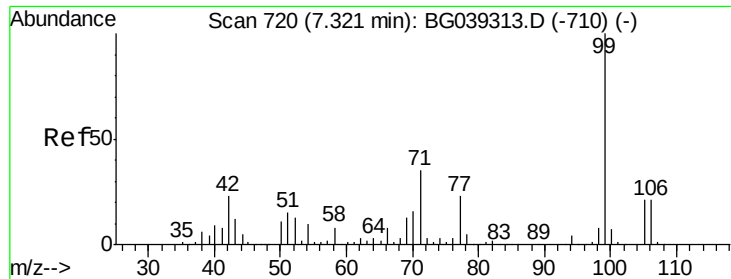
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#6
Aniline
Concen: 42.113 ng
RT: 7.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	316109		
66	40.4		34.2	51.4
65	21.8		17.7	26.5





#7

Phenol-d6

Concen: 137.966 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Instrument :

BNA_G

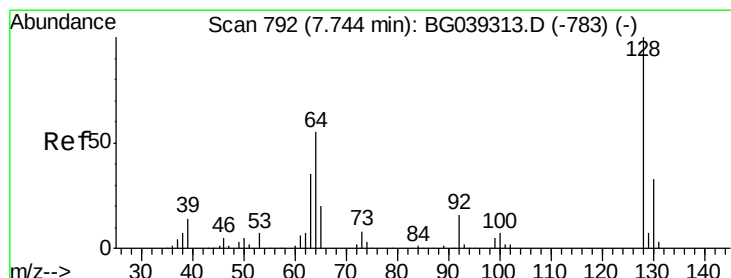
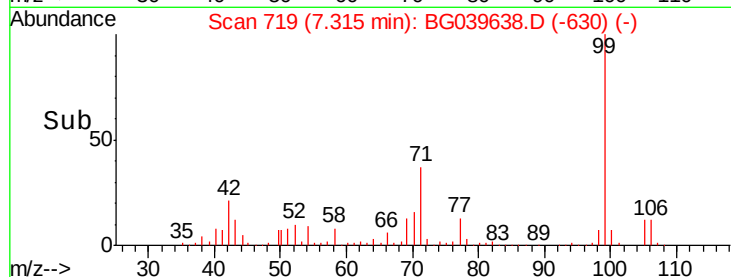
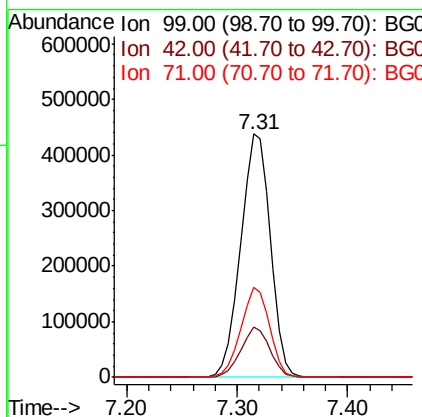
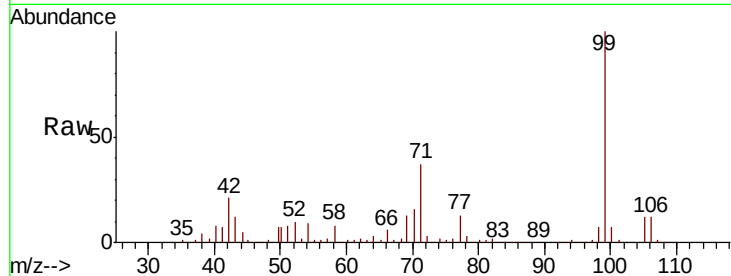
ClientSampled :

PB117428BS

Tot Ion:	99	Resp:	826777
Ion Ratio	Lower	Upper	
99	100		
42	20.7	18.2	27.2
71	36.7	28.0	42.0

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#8

2-Chlorophenol

Concen: 42.817 ng

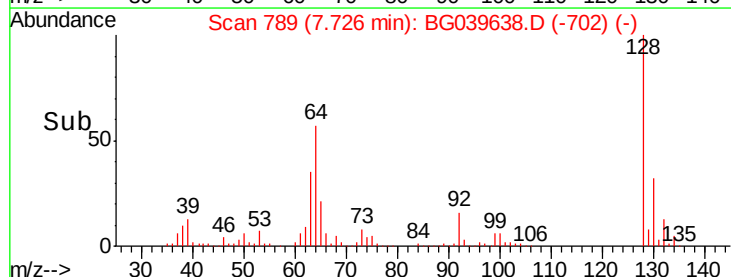
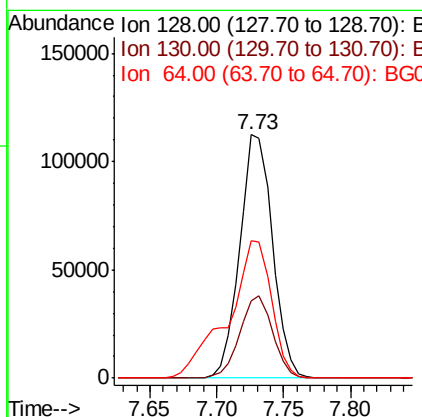
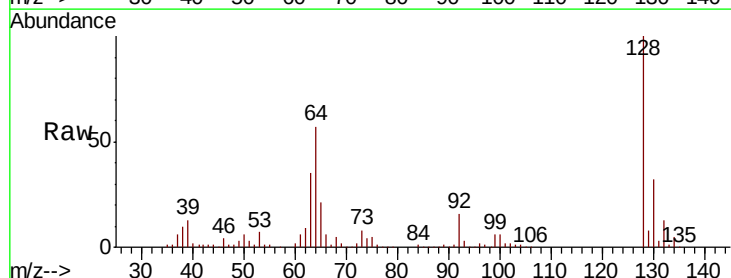
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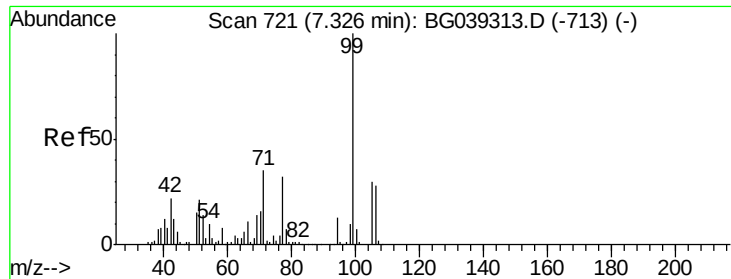
Delta R.T. -0.02 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Tgt Ion:	128	Resp:	190543
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.9	52.9
64	56.6	38.7	78.7





#9

Benzaldehyde

Concen: 39.025 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Instrument :

BNA_G

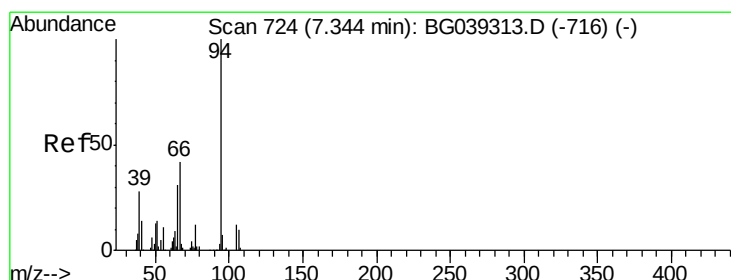
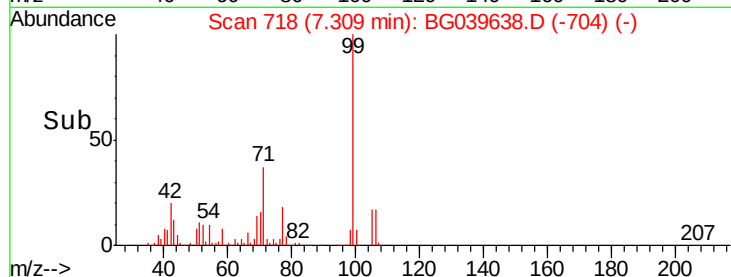
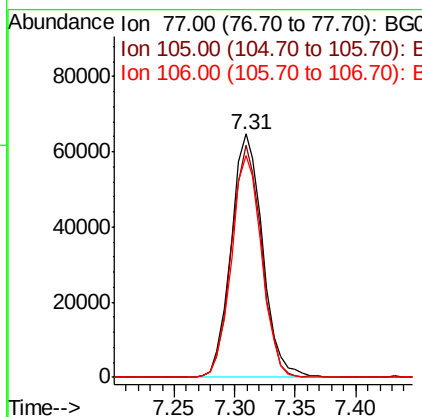
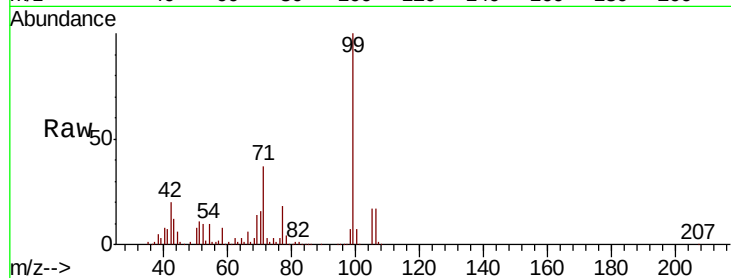
ClientSampled :

PB117428BS

Tot Ion:	77	Resp:	117611
Ion	Ratio	Lower	Upper
77	100		
105	95.3	74.5	114.5
106	91.2	68.0	108.0

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#10

Phenol

Concen: 42.106 ng

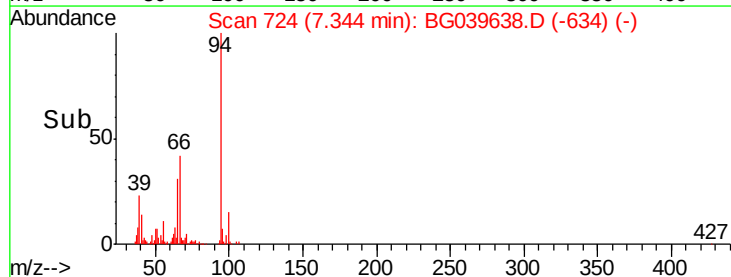
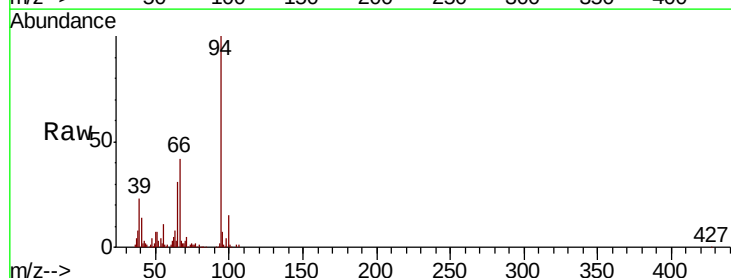
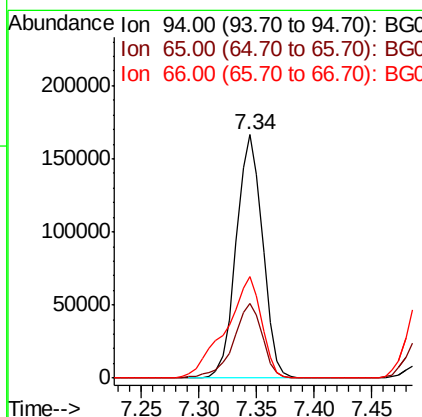
RT: 7.34 min Scan# 724

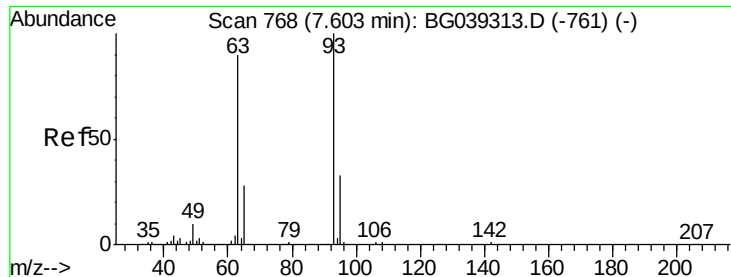
Delta R.T. 0.00 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Tgt Ion:	94	Resp:	263028
Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.7	51.7
66	41.7	23.7	63.7





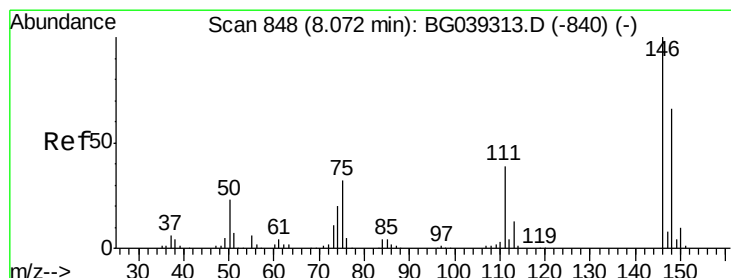
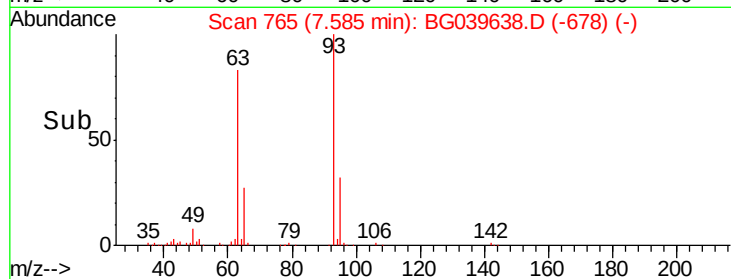
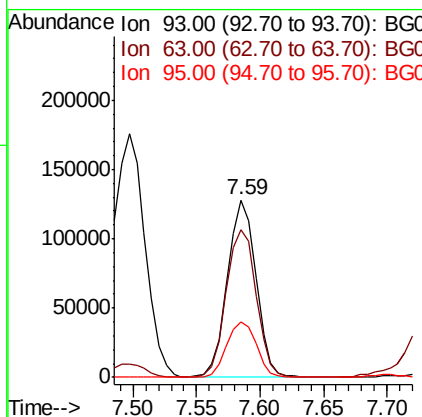
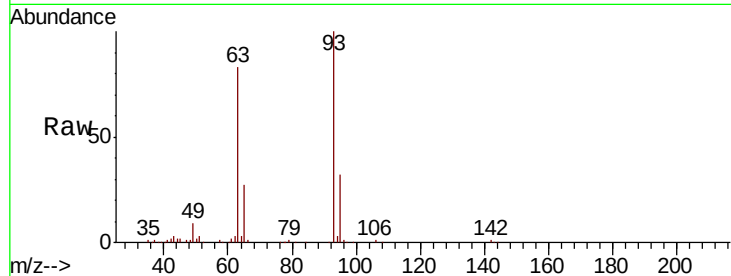
#11
bis(2-Chloroethyl)ether
Concen: 40.668 ng
RT: 7.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion:	93	Resp:	200742
Ion Ratio	Lower	Upper	
93	100		
63	83.5	69.5	109.5
95	31.6	12.7	52.7

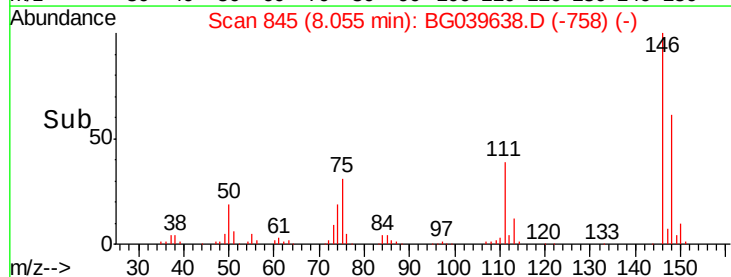
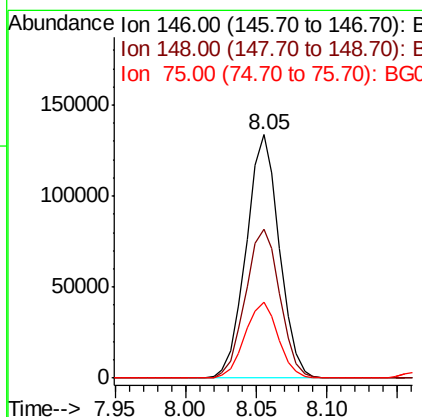
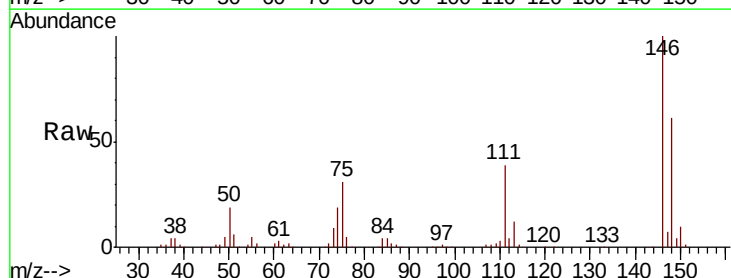
Manual Integrations
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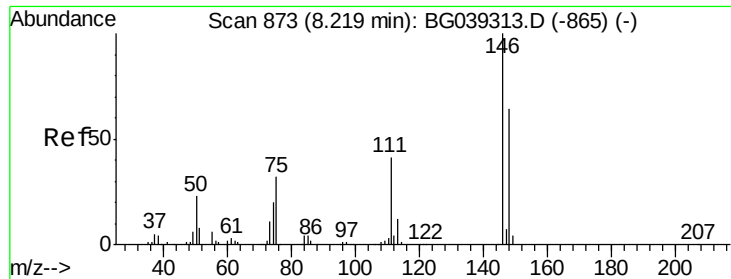
Sohil
2/28/2019 1:32:05 PM



#12
1,3-Dichlorobenzene
Concen: 40.838 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion:	146	Resp:	220159
Ion Ratio	Lower	Upper	
146	100		
148	61.0	52.6	79.0
75	31.3	25.8	38.6





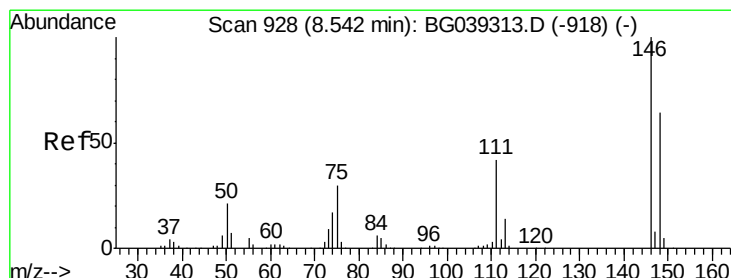
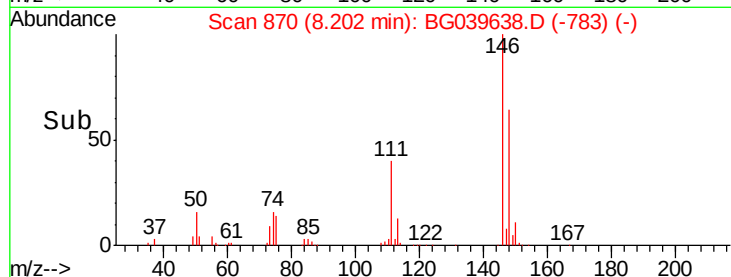
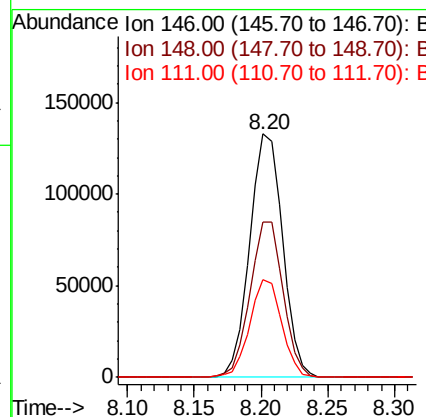
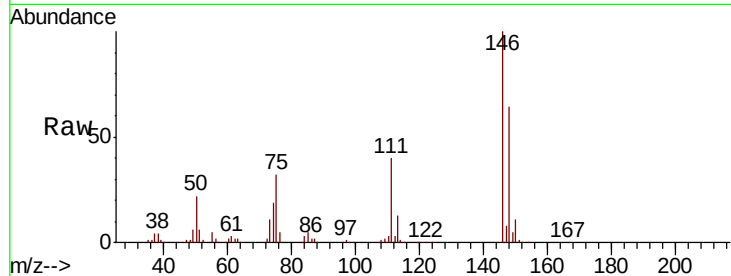
#13
 1,4-Dichlorobenzene
 Concen: 41.920 ng
 RT: 8.20 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	40.1	32.6	48.8

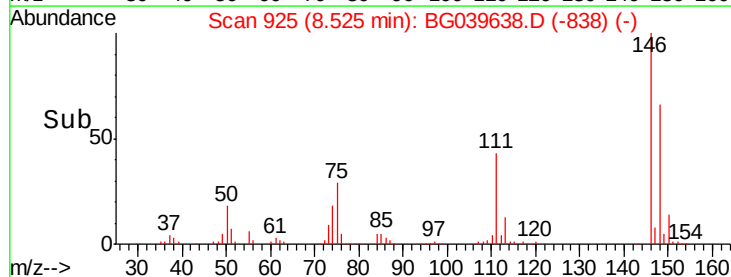
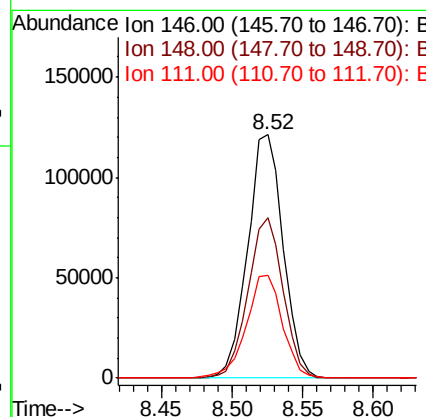
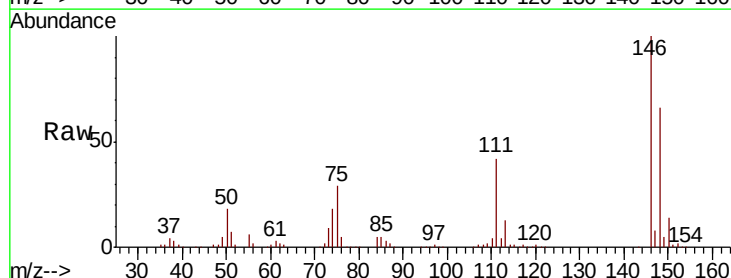
Manual Integrations
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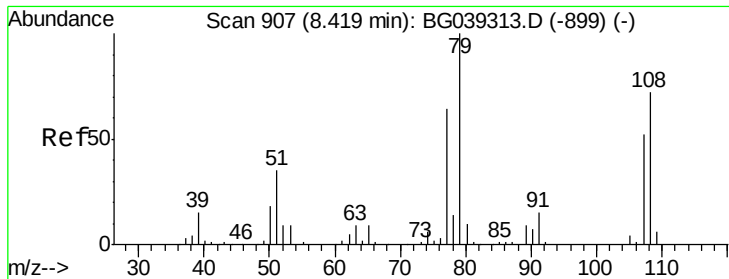
Sohil
 2/28/2019 1:32:05 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.027 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.5	77.3
111	42.4	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.068 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Instrument :

BNA_G

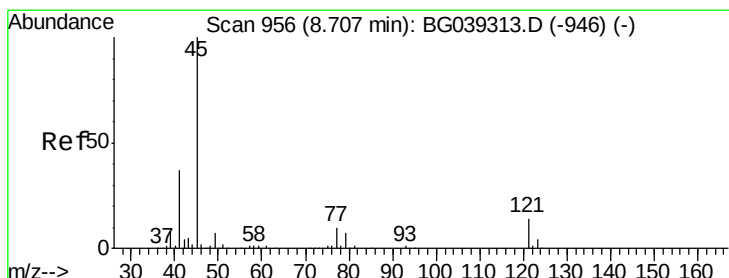
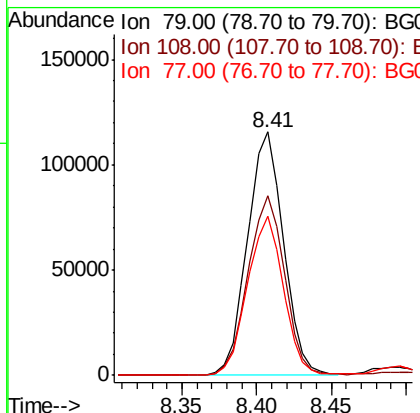
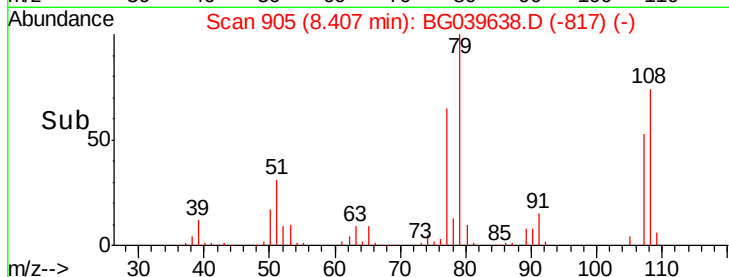
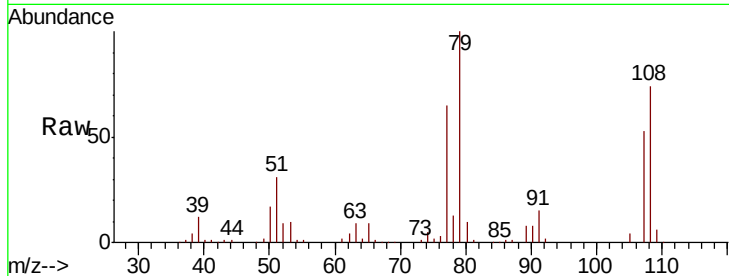
ClientSampled :

PB117428BS

Tot Ion:	79	Resp:	193213
Ion Ratio	Lower	Upper	
79	100		
108	74.0	57.8	86.6
77	65.5	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.103 ng

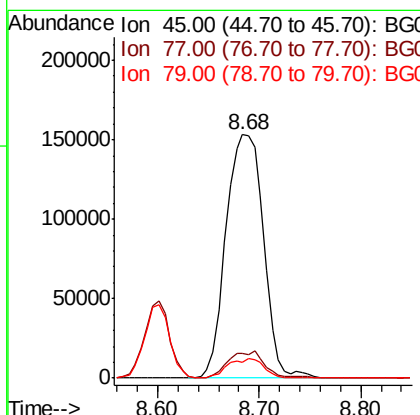
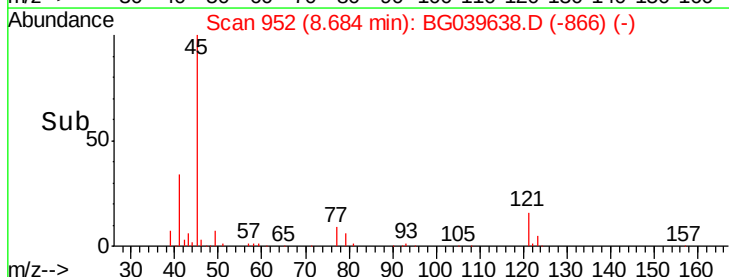
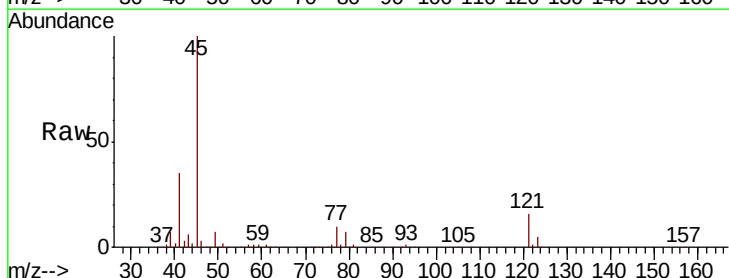
RT: 8.68 min Scan# 952

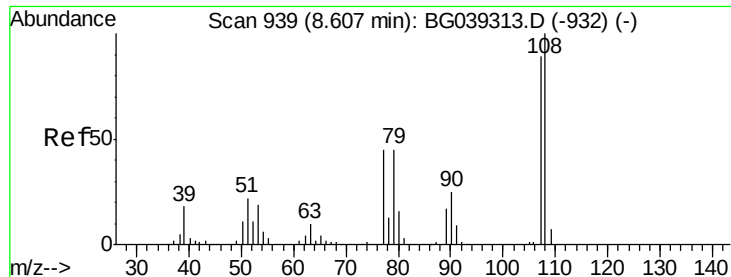
Delta R.T. -0.02 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Tgt Ion:	45	Resp:	391298
Ion Ratio	Lower	Upper	
45	100		
77	9.9	0.0	30.0
79	6.6	0.0	27.5





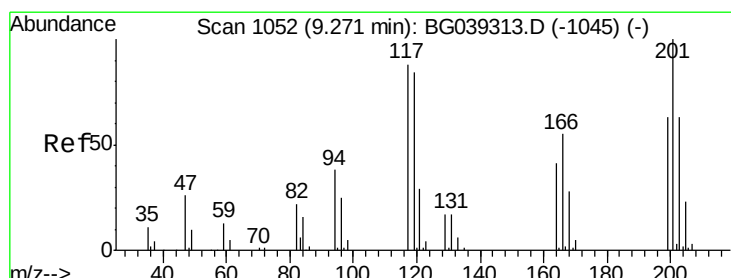
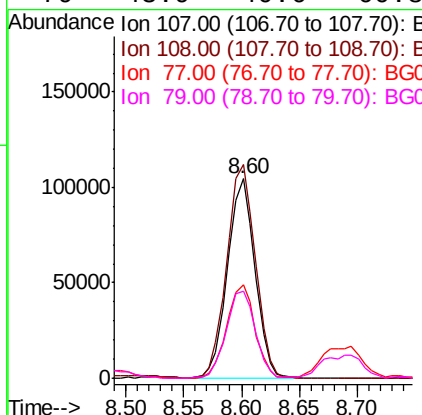
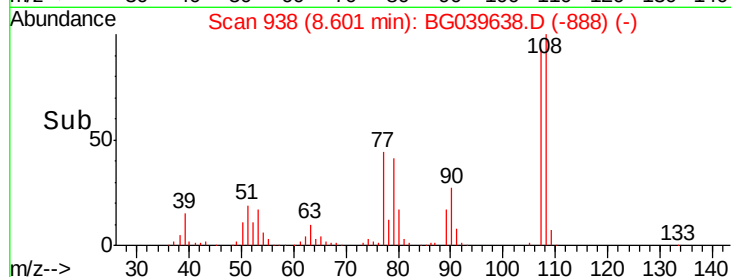
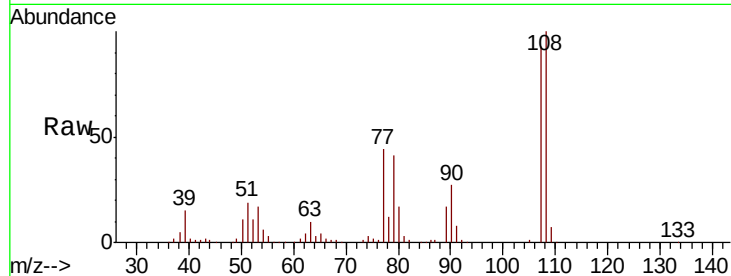
#17
2-Methylphenol
Concen: 42.802 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.2	90.8	136.2
77	46.9	40.7	61.1
79	43.9	40.6	60.8

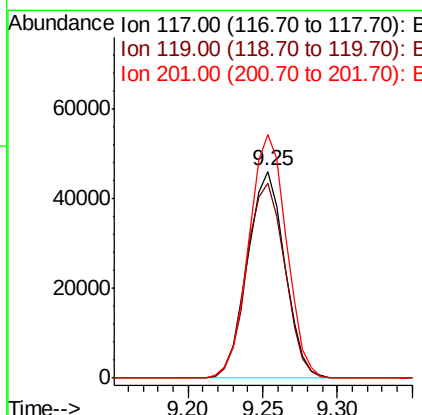
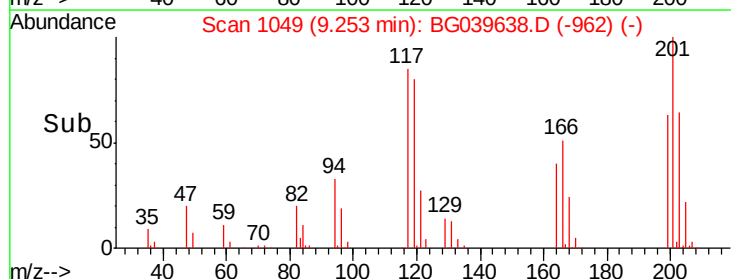
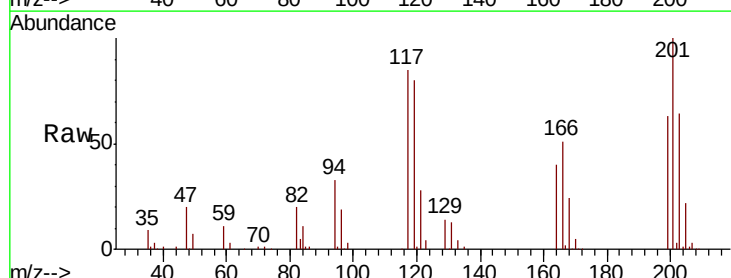
Manual Integrations
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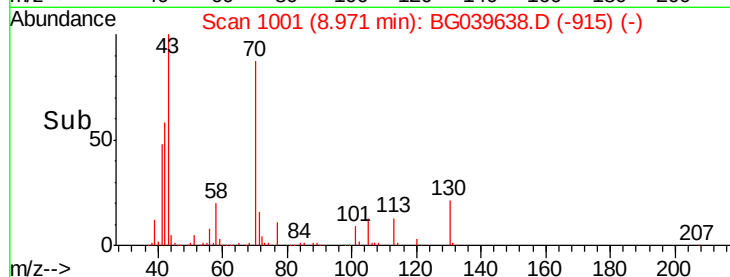
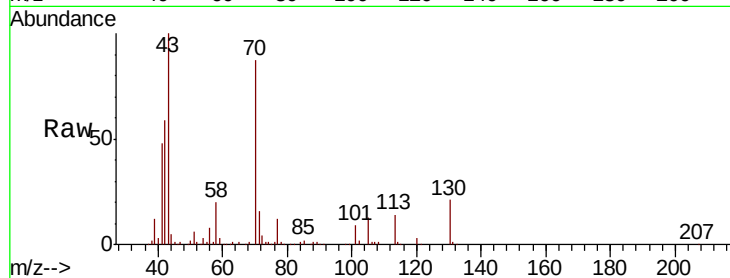
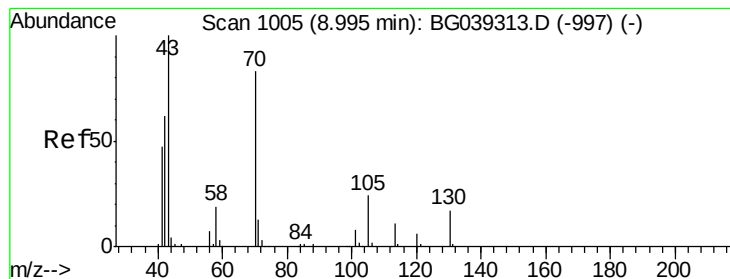
Sohil
2/28/2019 1:32:05 PM



#18
Hexachloroethane
Concen: 43.040 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.3	114.5
201	117.7	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 38.001 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Tot Ion:	70	Resp:	161629
Ion Ratio	Lower	Upper	
70	100		
42	67.1	60.4	90.6
101	10.4	7.5	11.3
130	24.1	16.9	25.3

Instrument :

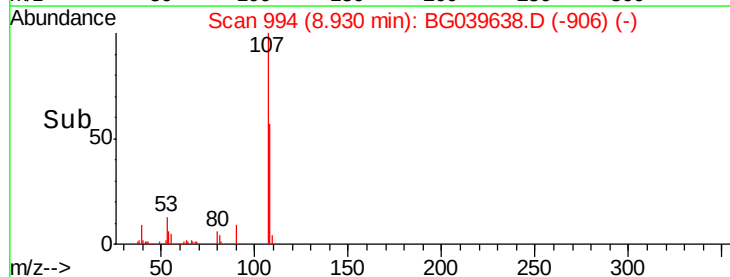
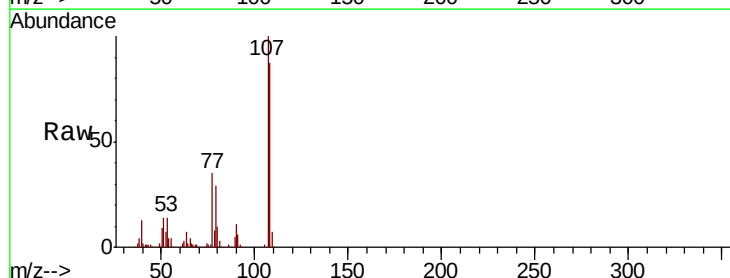
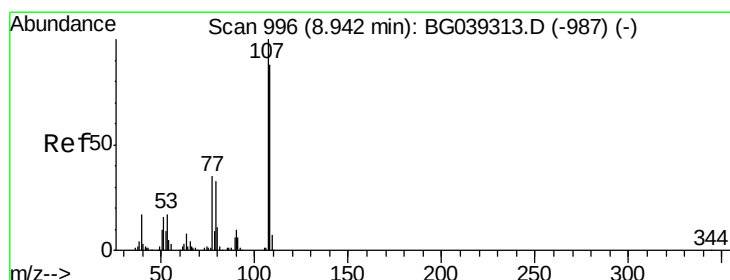
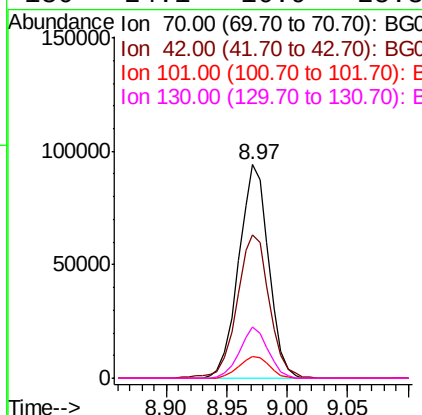
BNA_G

ClientSampleId :

PB117428BS

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#20

3+4-Methylphenols

Concen: 43.027 ng

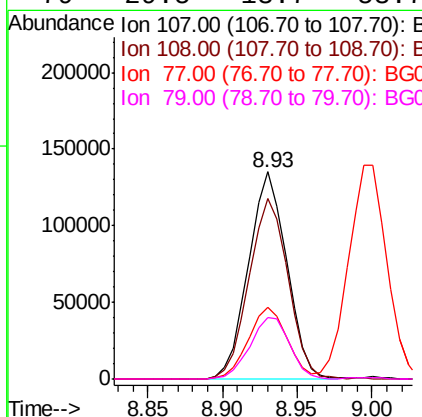
RT: 8.93 min Scan# 994

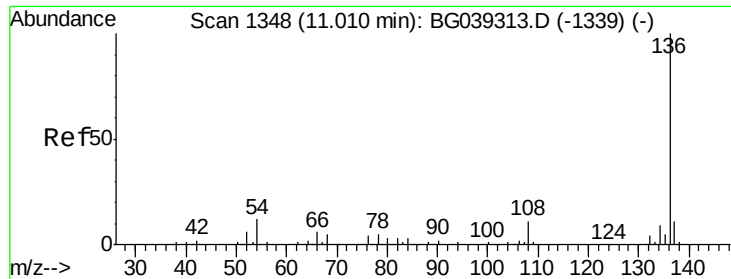
Delta R.T. -0.01 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Tgt Ion:	107	Resp:	239520
Ion Ratio	Lower	Upper	
107	100		
108	87.1	67.9	107.9
77	34.7	15.4	55.4
79	29.5	13.7	53.7





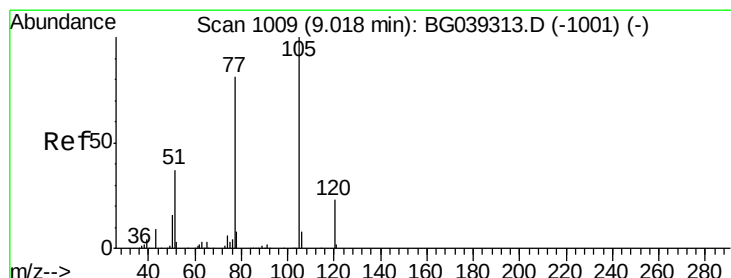
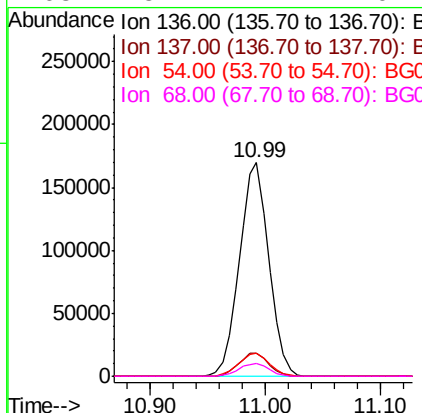
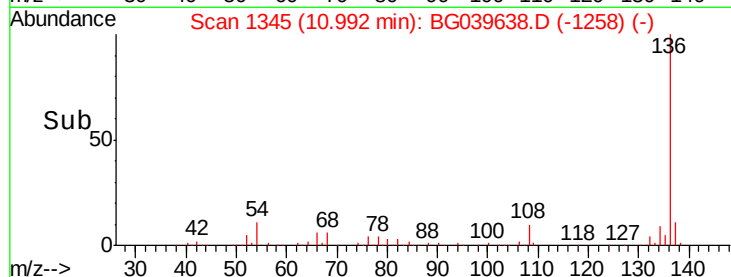
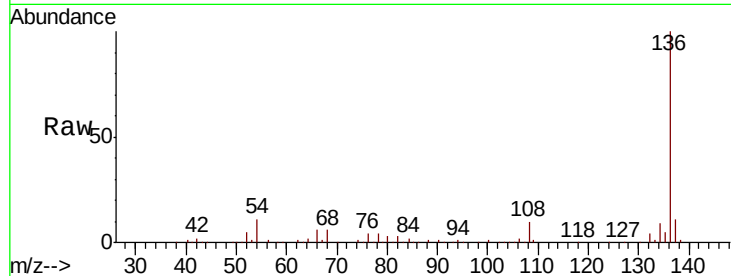
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampled :
PB117428BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	298814		
137	11.0		9.1	13.7
54	10.8		9.4	14.2
68	5.7		4.2	6.4

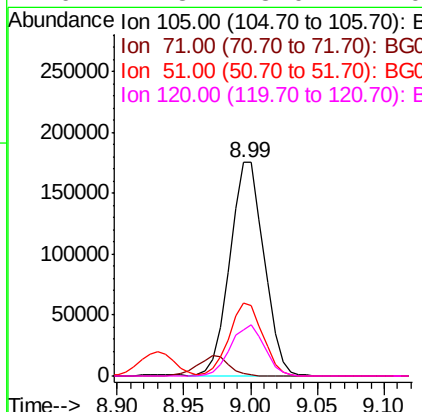
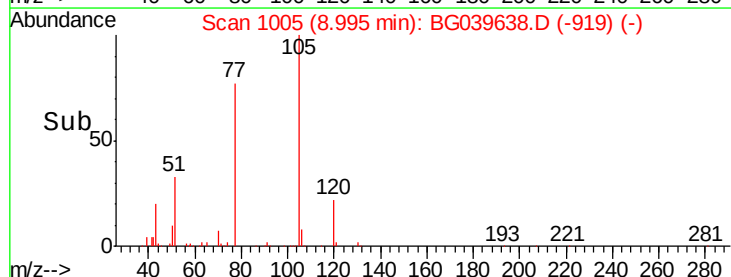
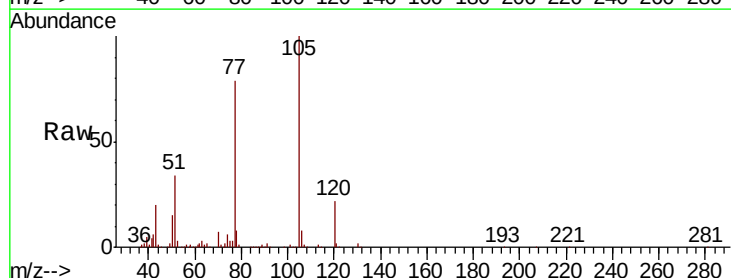
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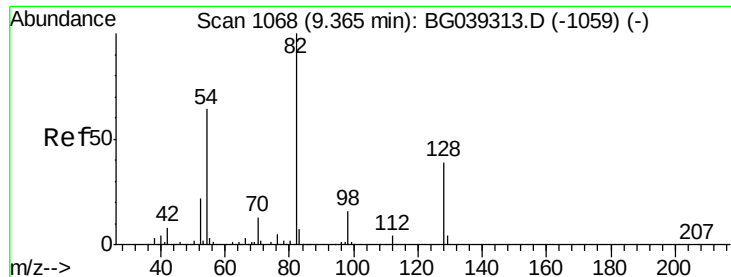
Sohil
2/28/2019 1:32:05 PM



#22
Acetophenone
Concen: 39.082 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	313696		
71	1.0		0.8	1.2
51	34.1		30.2	45.2
120	21.8		18.0	27.0





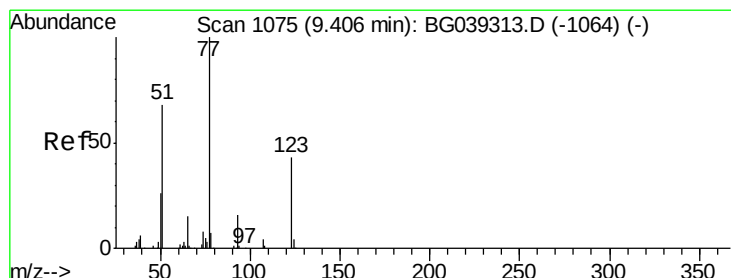
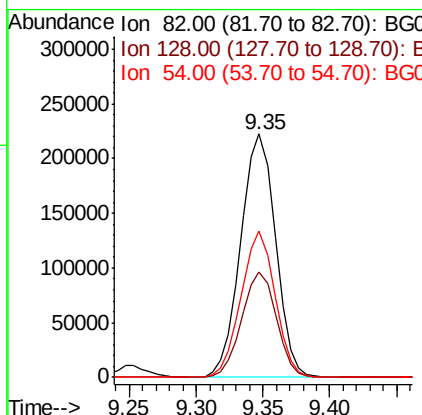
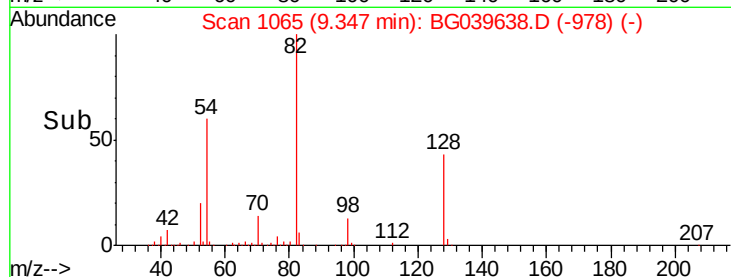
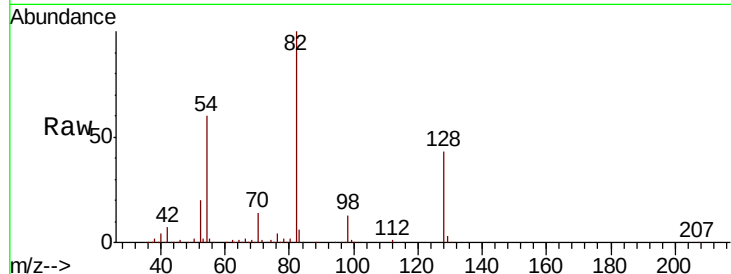
#23
Nitrobenzene-d5
Concen: 84.008 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.5	31.3	46.9	
54	59.9	50.9	76.3	

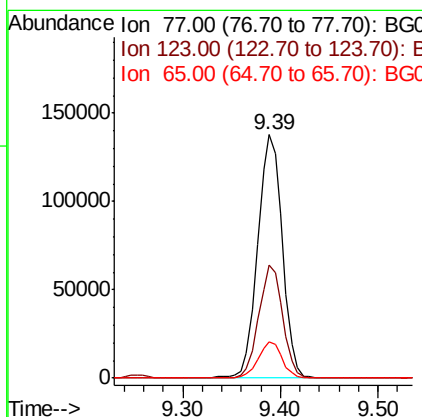
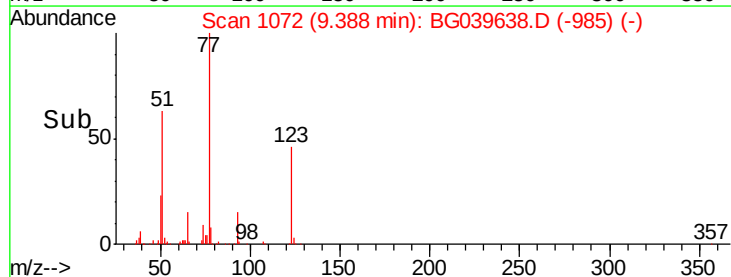
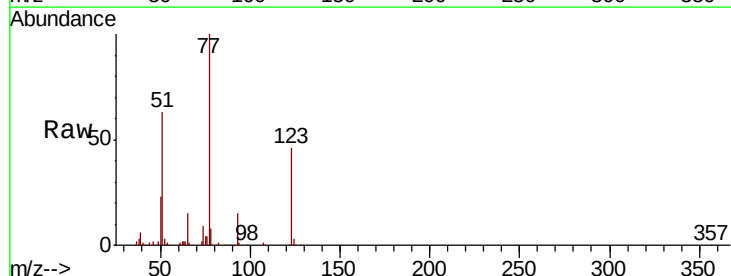
Manual Integrations
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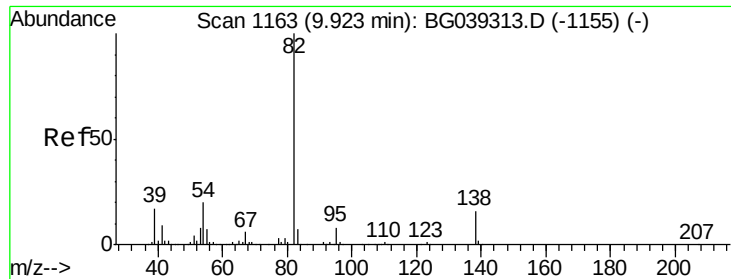
Sohil
2/28/2019 1:32:05 PM



#24
Nitrobenzene
Concen: 46.930 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.2	34.1	51.1	
65	14.8	12.3	18.5	





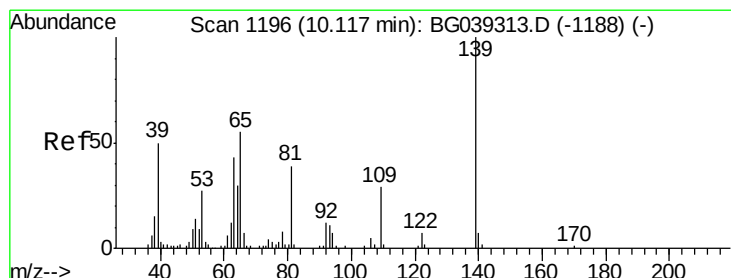
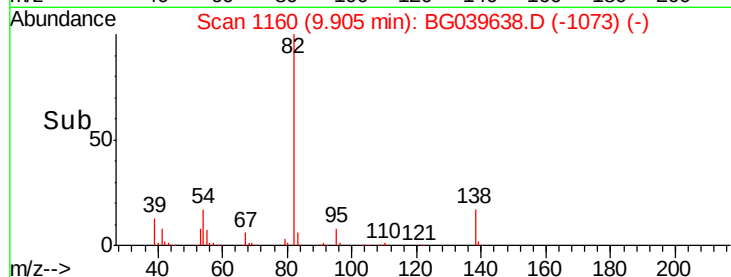
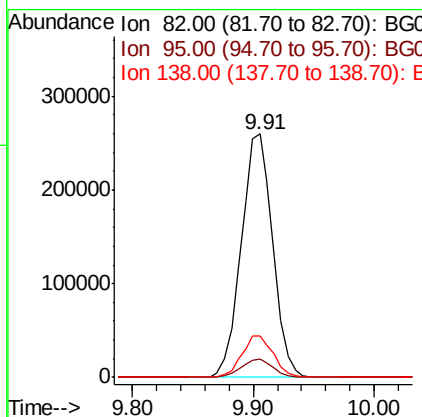
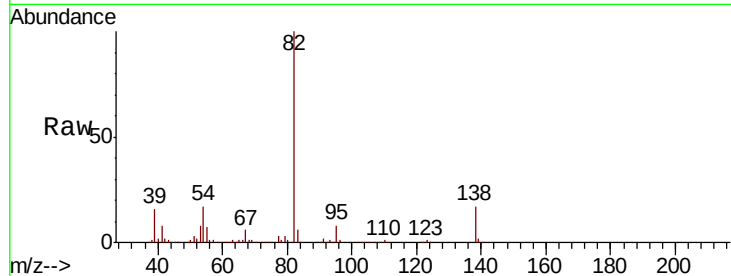
#25
Isophorone
Concen: 44.262 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	469158		
95	7.6	6.2	9.2	
138	16.9	13.0	19.4	

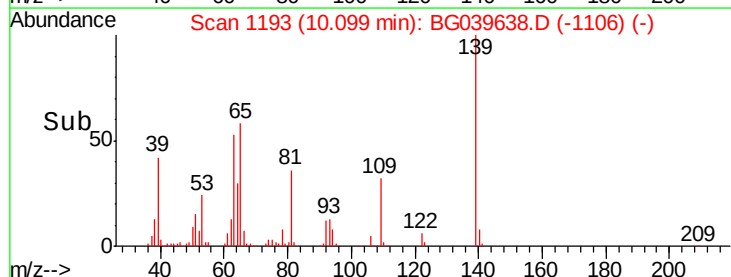
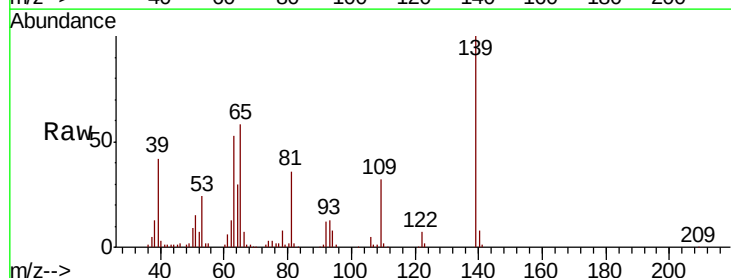
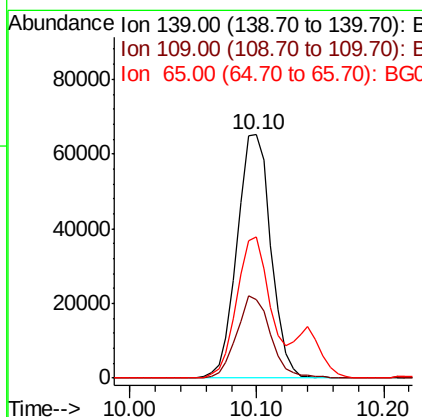
Manual Integrations
APPROVED

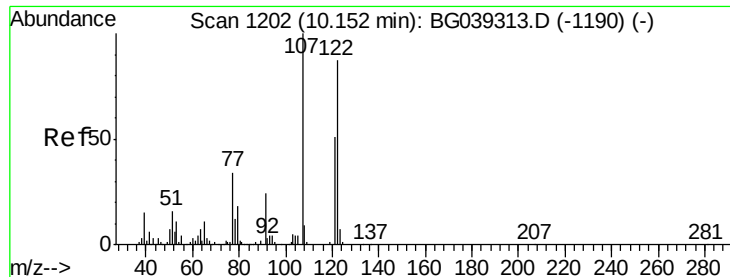
Sohil
2/28/2019 1:32:05 PM



#26
2-Nitrophenol
Concen: 56.307 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	120418		
109	32.2	23.4	35.0	
65	57.8	44.3	66.5	





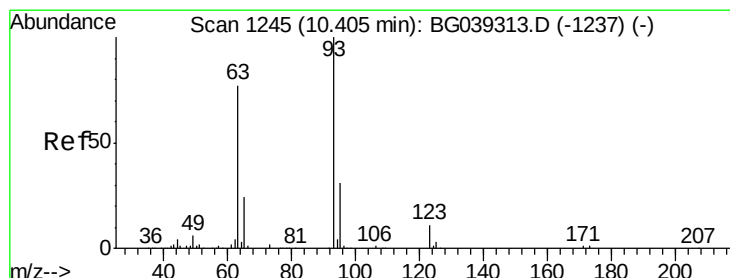
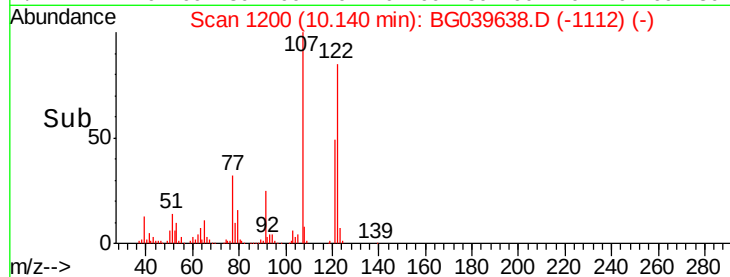
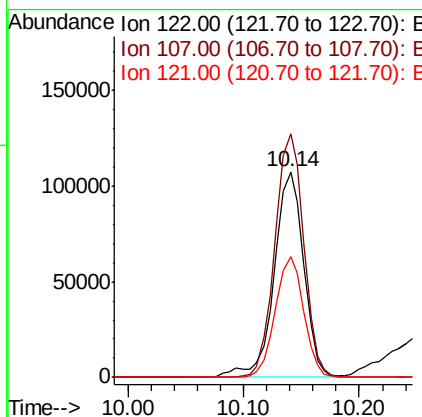
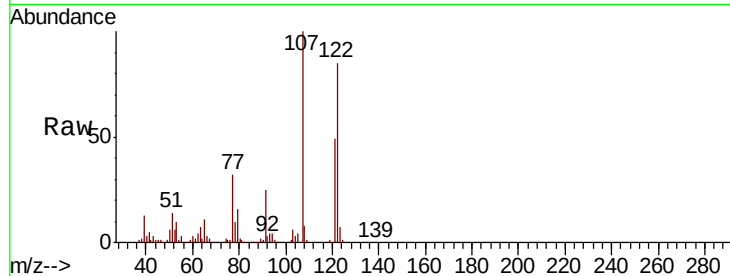
#27
2,4-Dimethylphenol
Concen: 44.726 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	191774		
107	118.3	91.7	137.5	
121	58.4	46.4	69.6	

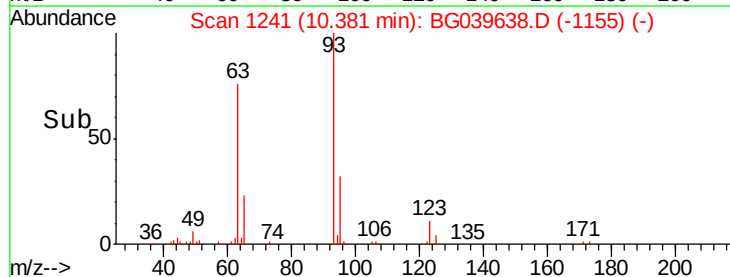
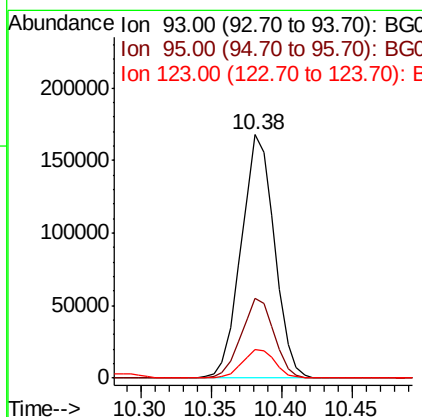
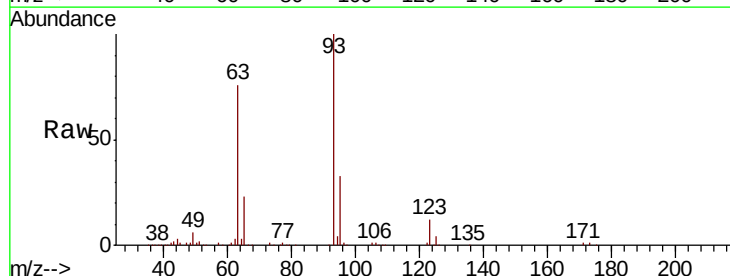
Manual Integrations
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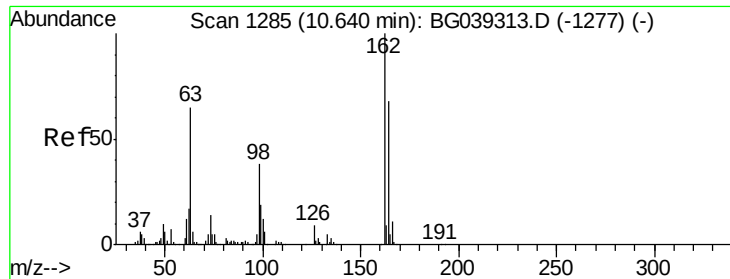
Sohil
2/28/2019 1:32:05 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.336 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	276399		
95	32.7	25.0	37.4	
123	11.5	8.6	12.8	





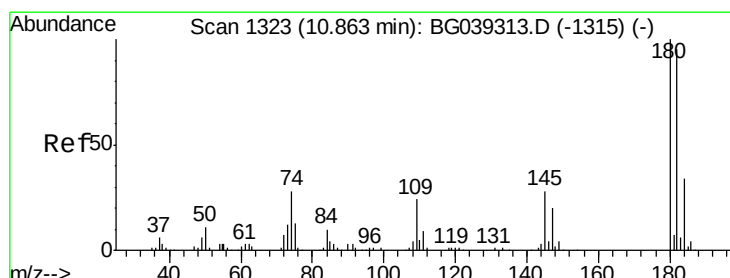
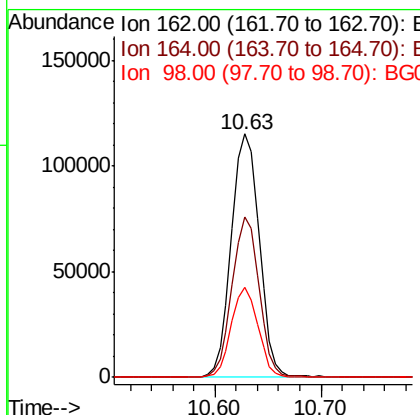
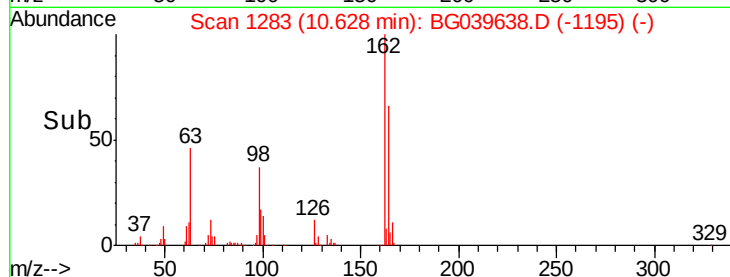
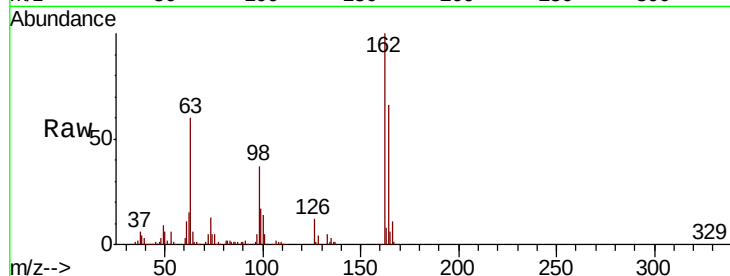
#29
 2,4-Dichlorophenol
 Concen: 45.079 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	211250		
164	65.8	48.1	88.1	
98	37.0	18.1	58.1	

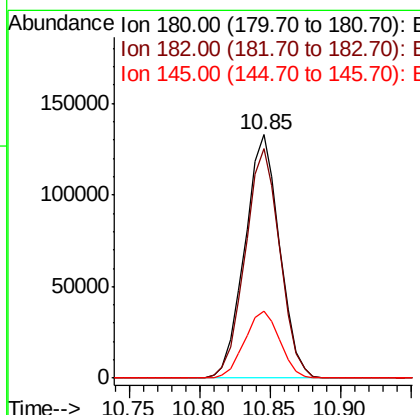
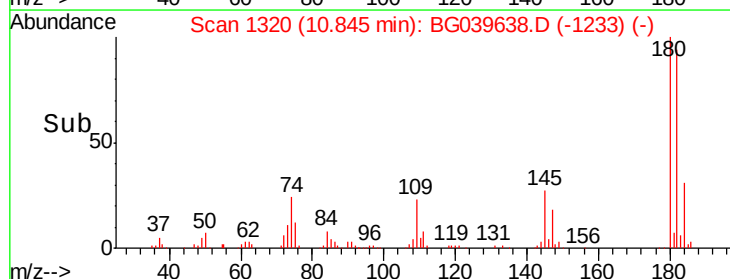
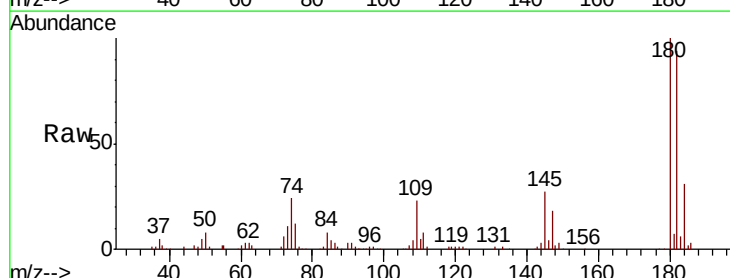
Manual Integrations
 APPROVED

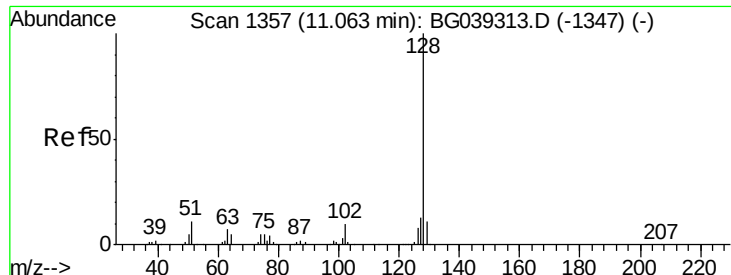
Sohil
 2/28/2019 1:32:05 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.490 ng
 RT: 10.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	228813		
182	94.3	76.0	114.0	
145	27.4	22.7	34.1	





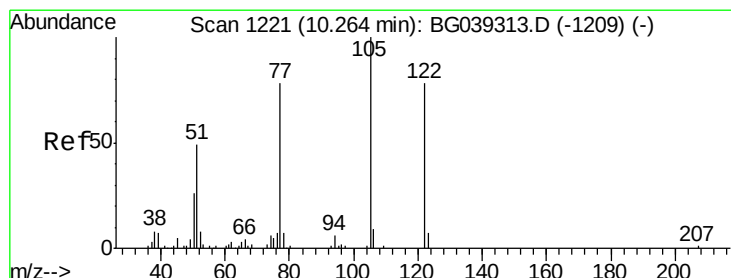
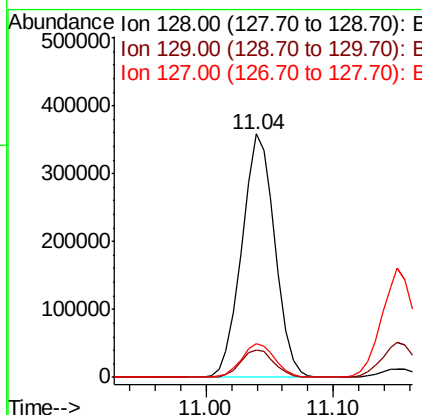
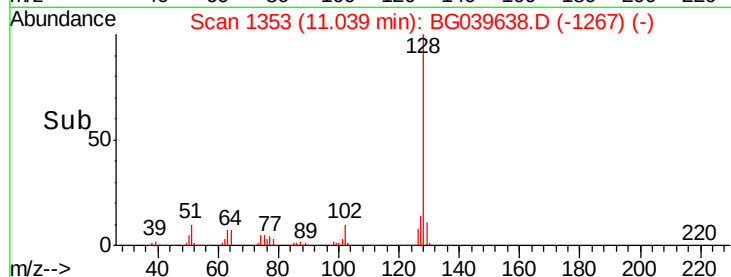
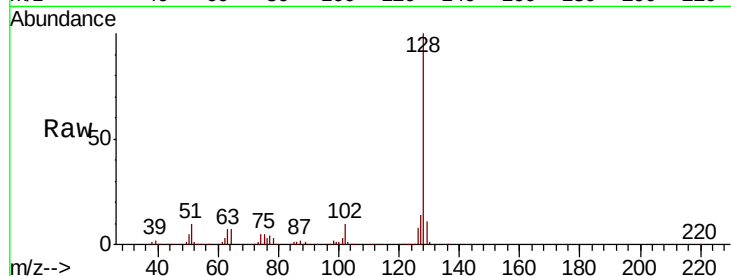
#31
Naphthalene
Concen: 43.557 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	645695		
129	11.4		8.7	13.1
127	14.0		10.8	16.2

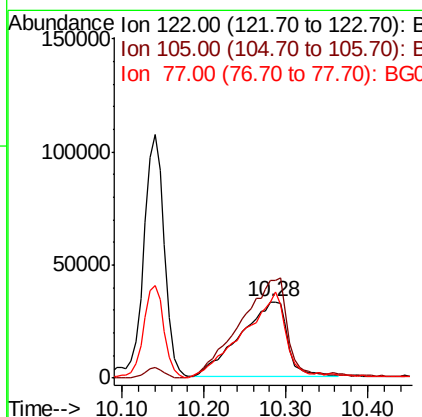
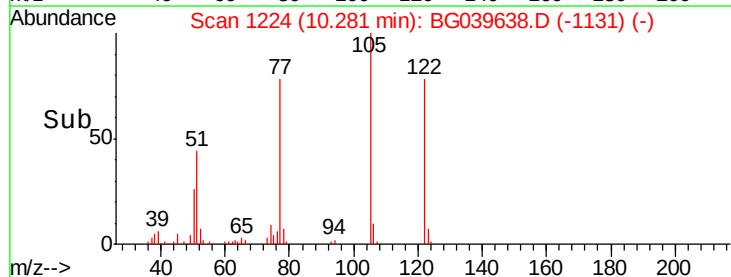
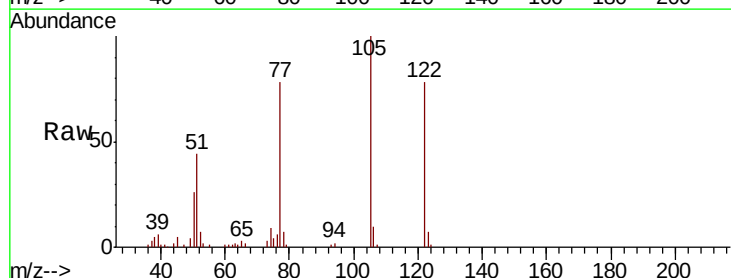
Manual Integrations
APPROVED

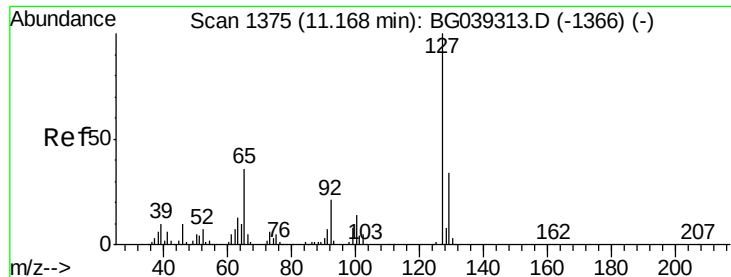
Sohil
2/28/2019 1:32:05 PM



#32
Benzoic acid
Concen: 47.635 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	133510		
105	127.5		101.8	141.8
77	99.4		76.3	116.3





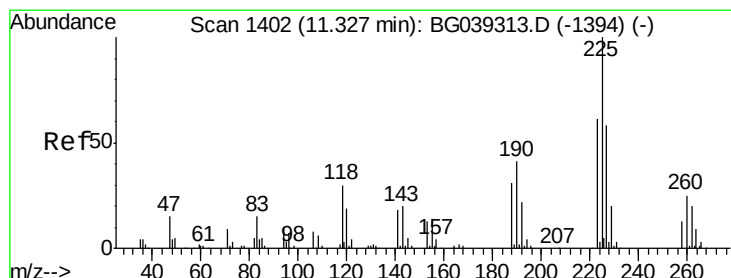
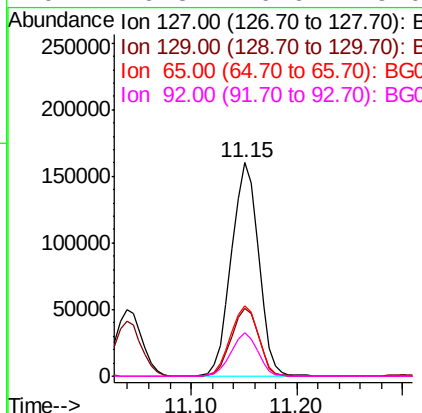
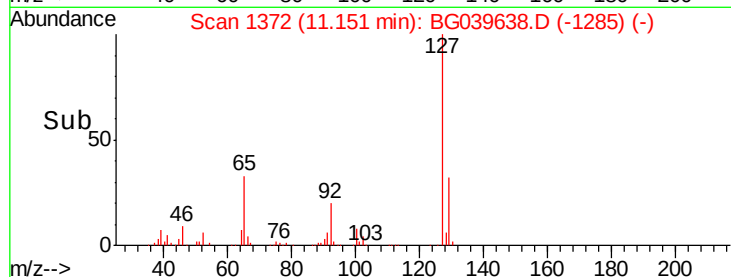
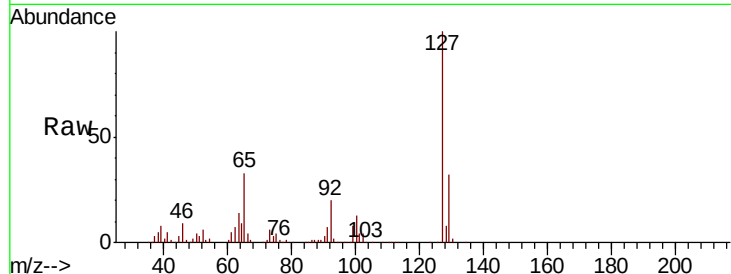
#33
4-Chloroaniline
Concen: 41.599 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampled :
PB117428BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0		27.0	40.4	
65	32.8		28.8	43.2	
92	20.3		16.6	25.0	

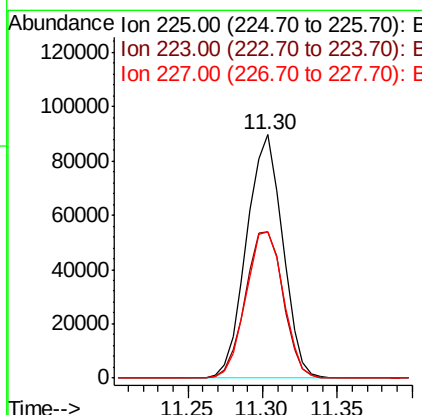
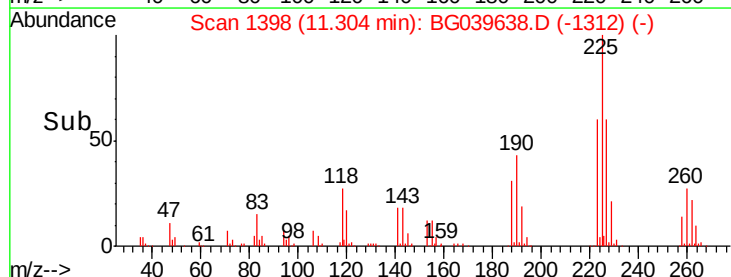
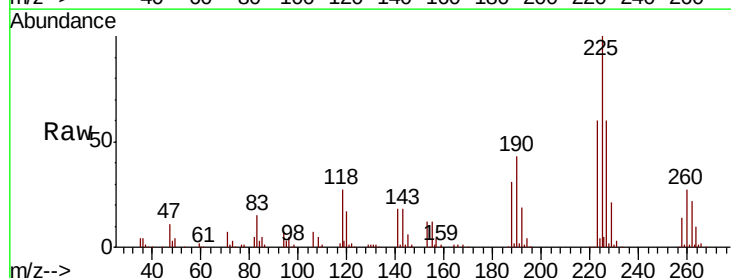
Manual Integrations
APPROVED

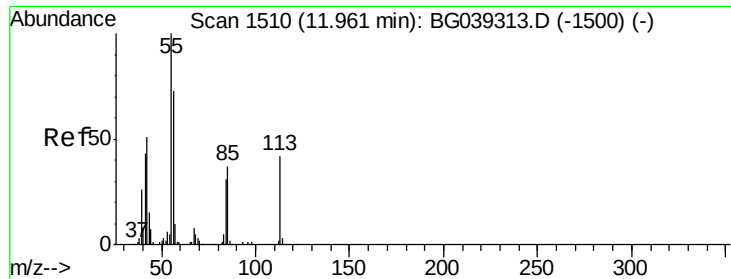
Sohil
2/28/2019 1:32:05 PM



#34
Hexachlorobutadiene
Concen: 42.902 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.4		49.0	73.6	
227	60.4		46.3	69.5	





#35

Caprolactam

Concen: 40.654 ng/ml

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Instrument :

BNA_G

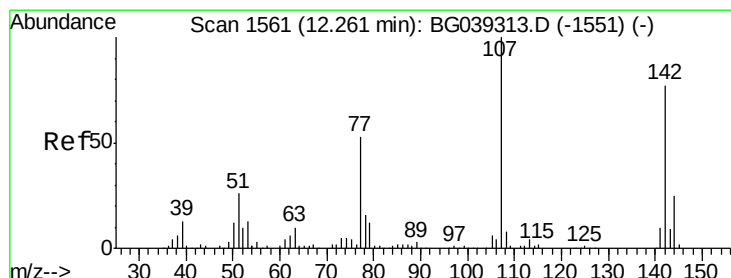
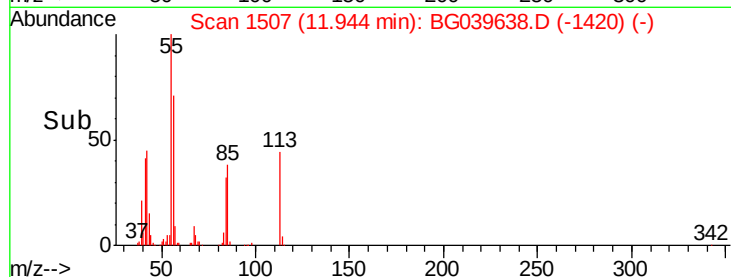
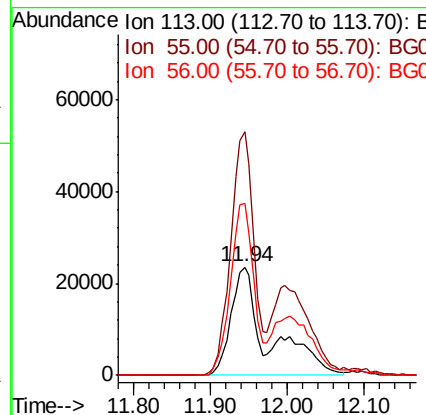
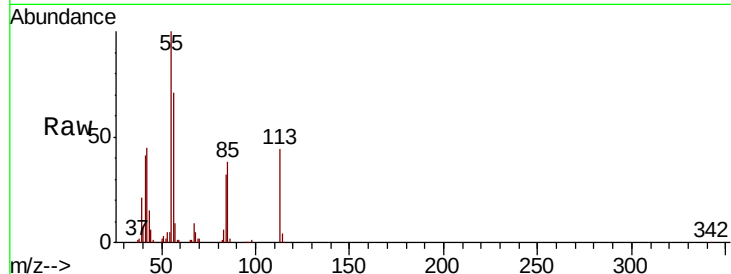
ClientSampled :

PB117428BS

Tot Ion:	113	Resp:	78837
Ion Ratio	Lower	Upper	
113	100		
55	224.8	216.9	256.9
56	158.9	152.6	192.6

Manual Integrations
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Sohil
2/28/2019 1:32:05 PM



#36

4-Chloro-3-methylphenol

Concen: 43.186 ng/ml

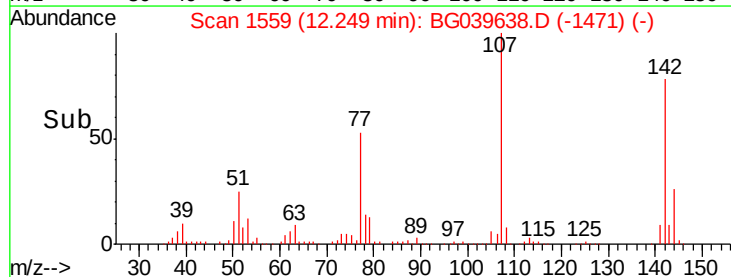
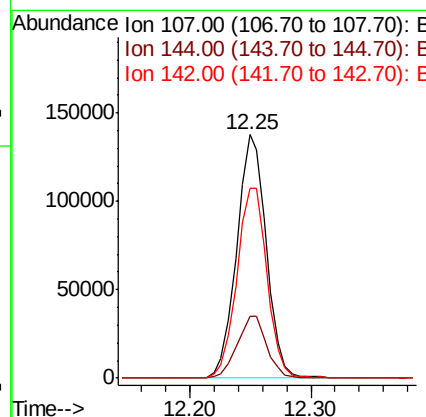
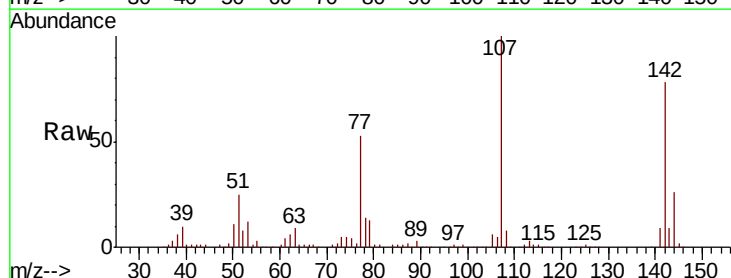
RT: 12.25 min Scan# 1559

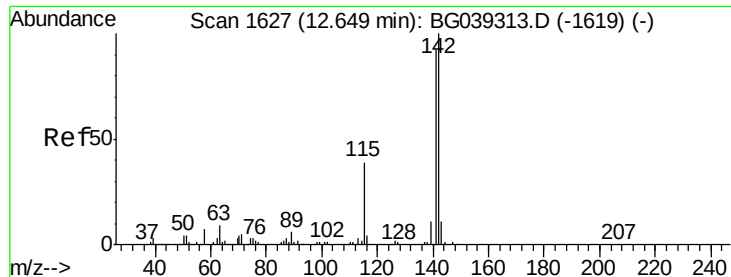
Delta R.T. -0.01 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Tgt Ion:	107	Resp:	234052
Ion Ratio	Lower	Upper	
107	100		
144	25.5	20.2	30.2
142	78.1	61.4	92.2





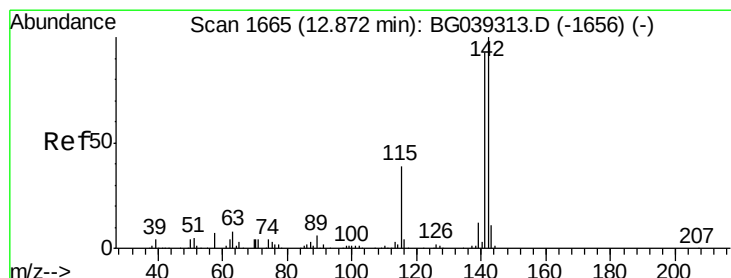
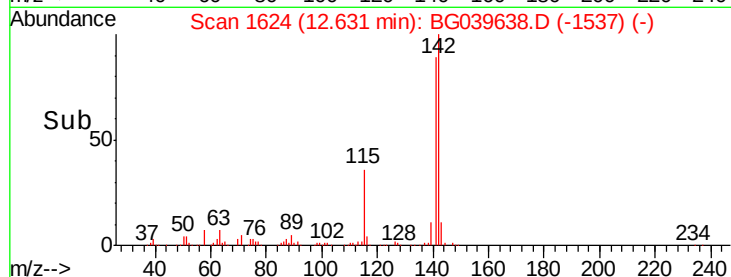
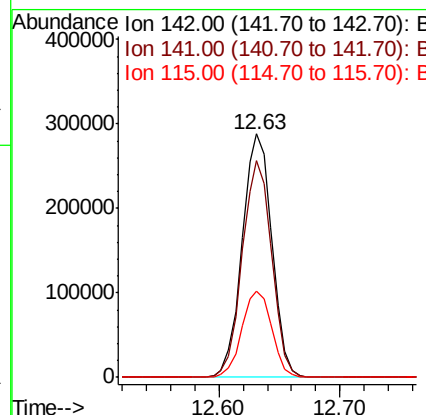
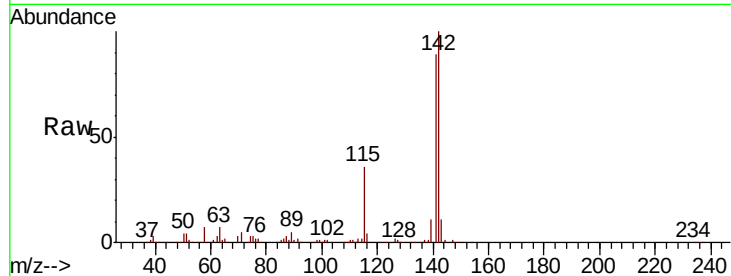
#37
2-Methylnaphthalene
Concen: 44.915 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	493138		
141	89.3	73.5	110.3	
115	35.6	30.8	46.2	

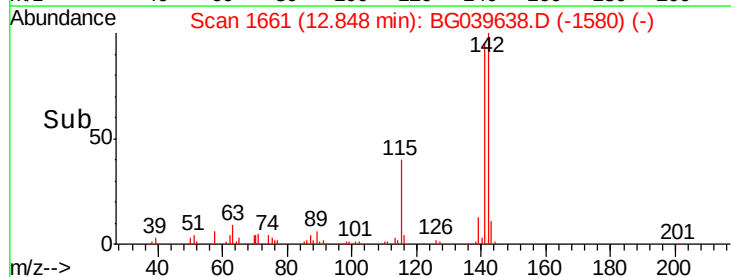
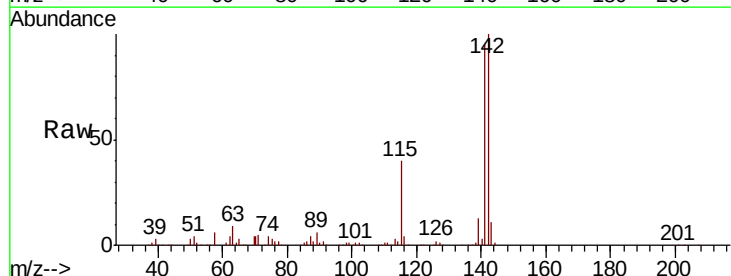
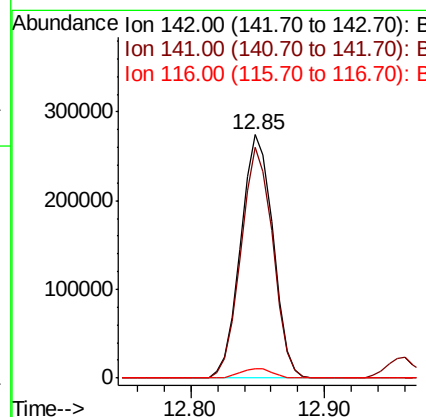
Manual Integrations
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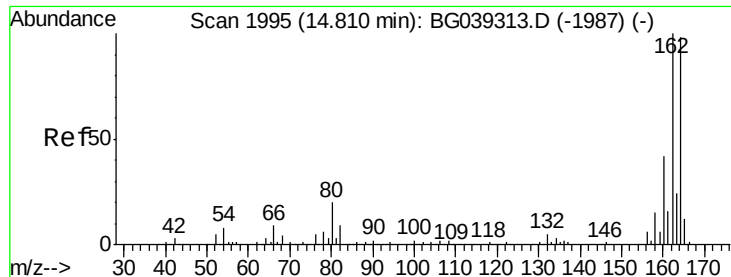
Sohil
2/28/2019 1:32:05 PM



#38
1-Methylnaphthalene
Concen: 43.447 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	459825		
141	94.8	74.2	111.4	
116	4.0	3.0	4.6	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Instrument :

BNA_G

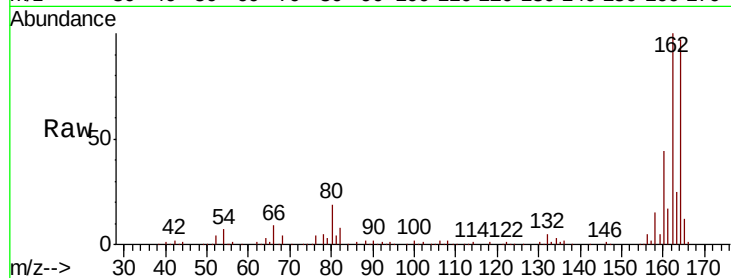
ClientSampleId :

PB117428BS

Tot Ion:	164	Resp:	197622
Ion Ratio	Lower	Upper	
164	100		
162	102.7	81.6	122.4
160	45.4	34.2	51.2

Manual Integrations
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2/28/2019 1:32:05 PM

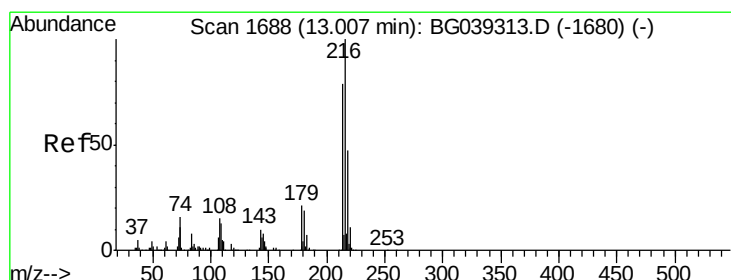
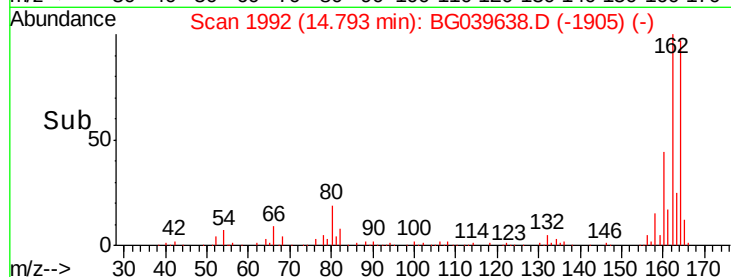
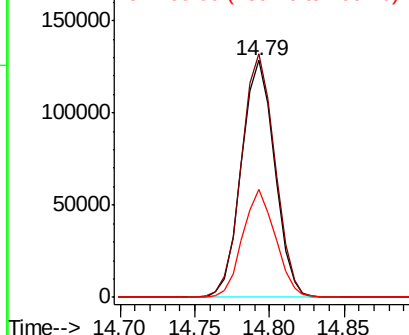


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.971 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Tgt Ion:	216	Resp:	270194
Ion Ratio	Lower	Upper	
216	100		
214	78.2	62.6	94.0
179	20.2	16.6	25.0
108	17.9	14.0	21.0

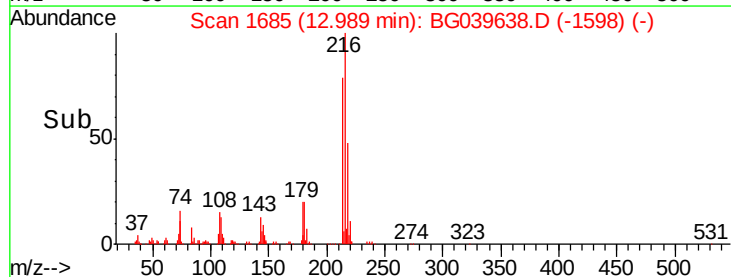
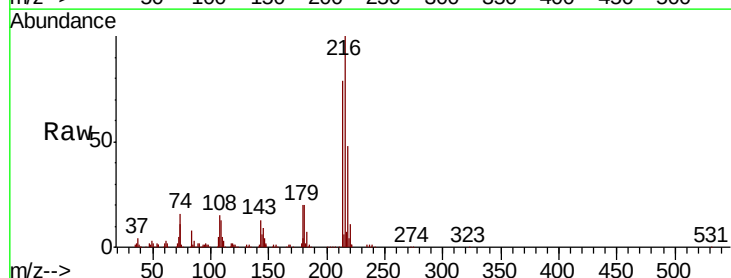
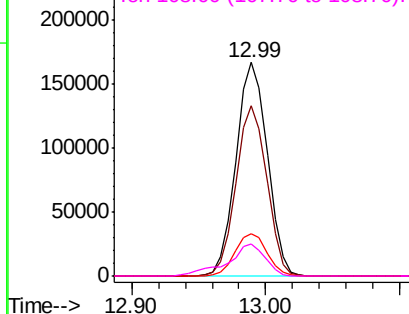
Abundance

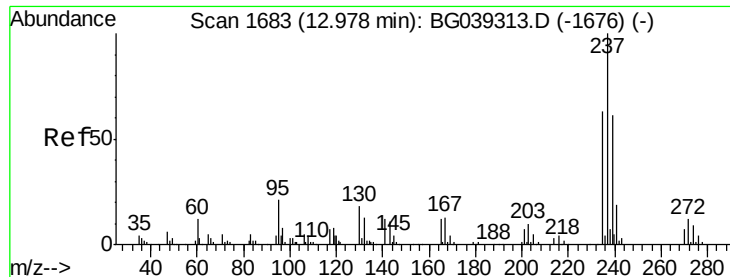
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





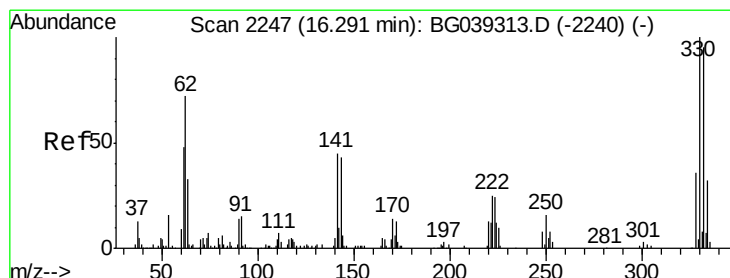
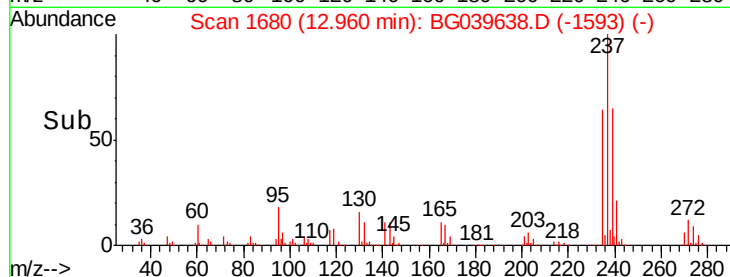
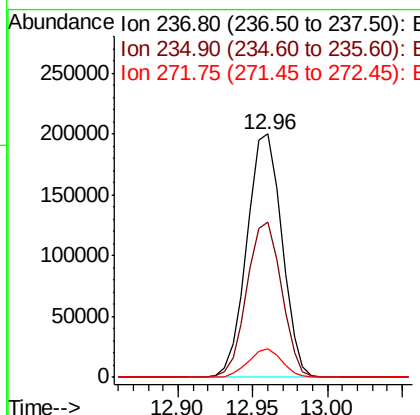
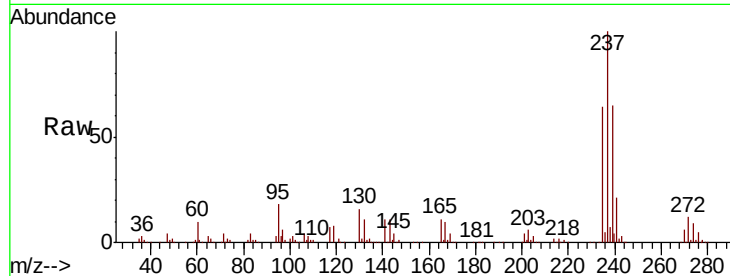
#41
Hexachlorocyclopentadiene
Concen: 94.511 ng
RT: 12.96 min Scan# 1680
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleID :
PB117428BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.9	43.3	83.3
272	11.6	0.0	32.3

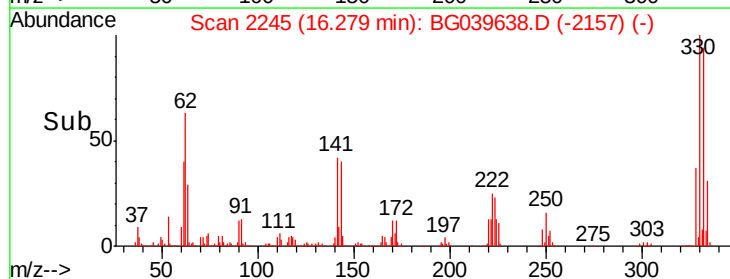
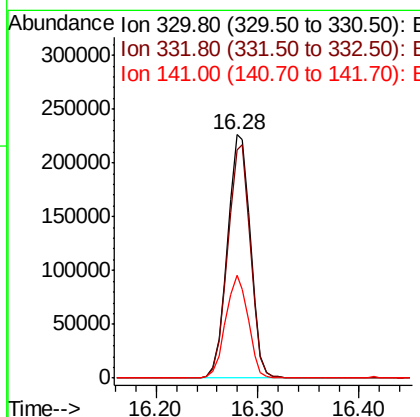
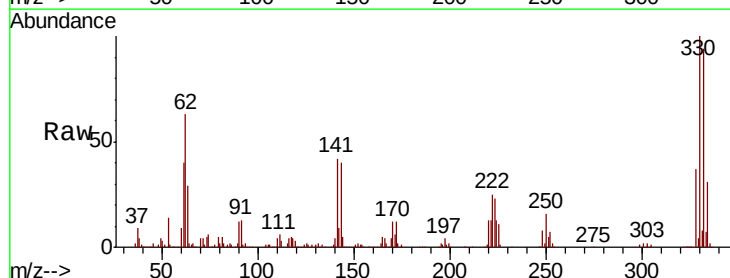
Manual Integrations
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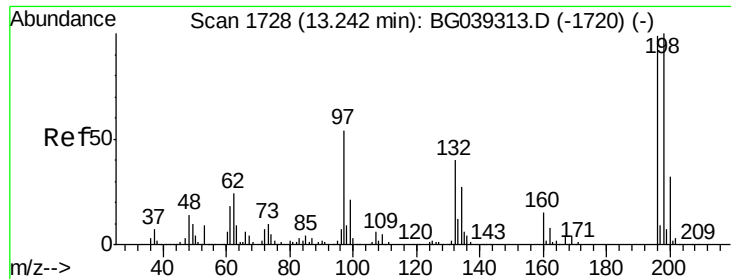
Sohil
2/28/2019 1:32:05 PM



#42
2,4,6-Tribromophenol
Concen: 166.779 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.9	75.7	113.5
141	41.4	35.6	53.4





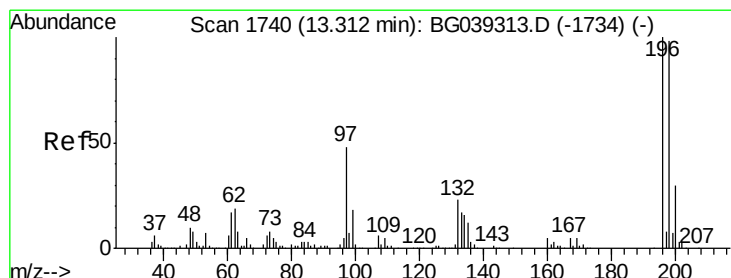
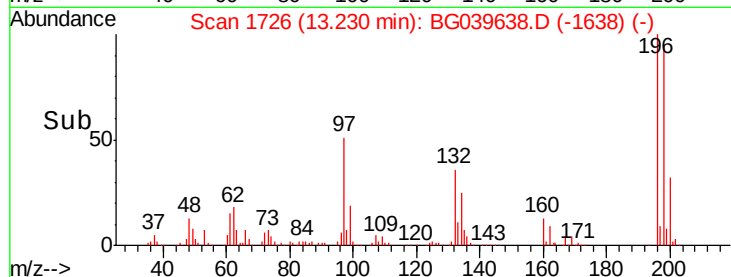
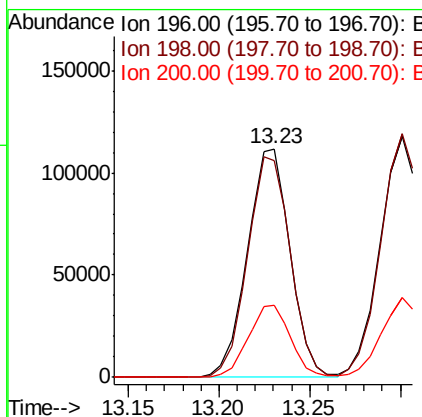
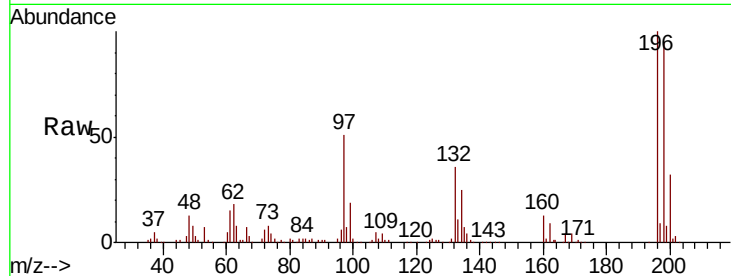
#43
2,4,6-Trichlorophenol
Concen: 47.286 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	182808		
198	94.7	80.6	121.0	
200	31.8	26.1	39.1	

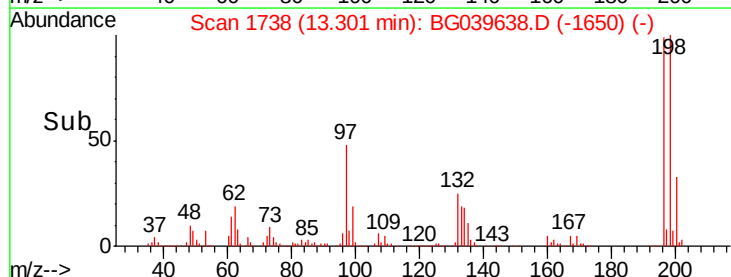
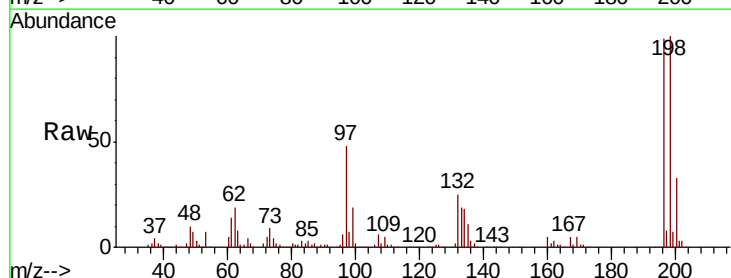
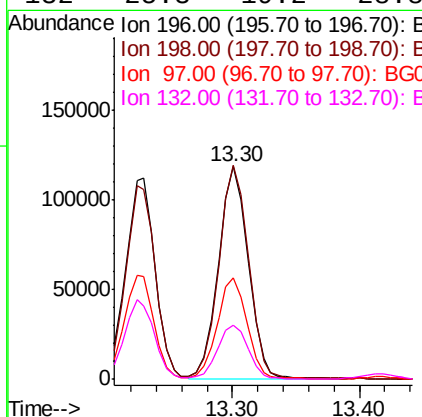
Manual Integrations
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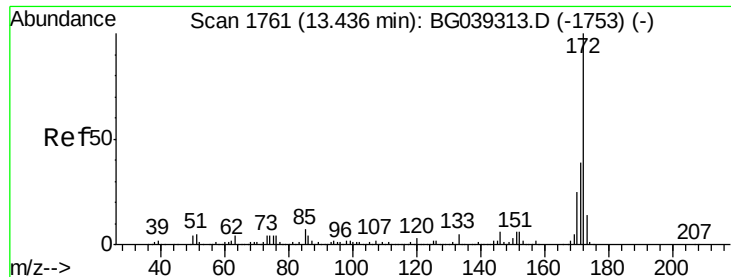
Sohil
2/28/2019 1:32:05 PM



#44
2,4,5-Trichlorophenol
Concen: 47.608 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	192903		
198	100.8	78.5	117.7	
97	48.0	38.4	57.6	
132	25.3	19.2	28.8	





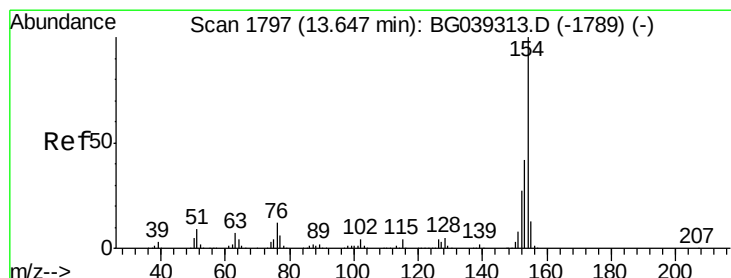
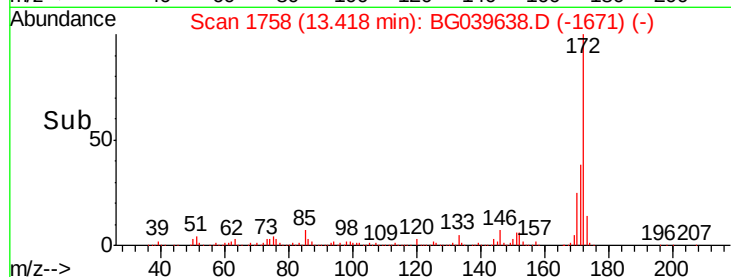
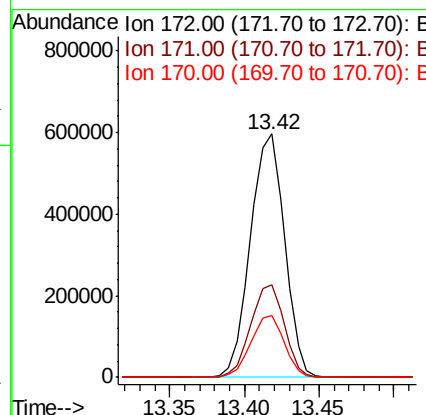
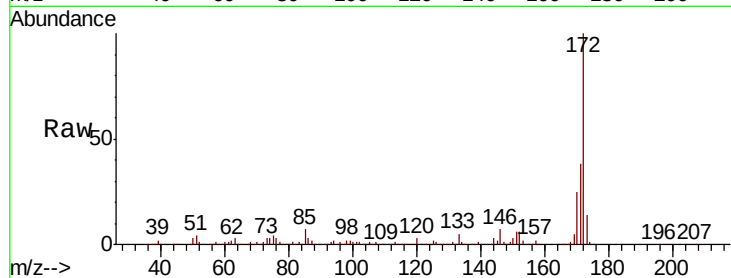
#45
2-Fluorobiphenyl
Concen: 68.459 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	25.4	20.2	30.4

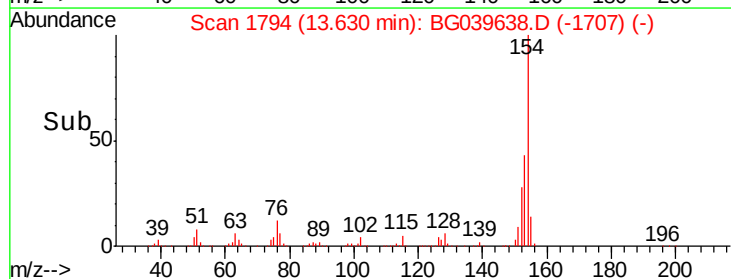
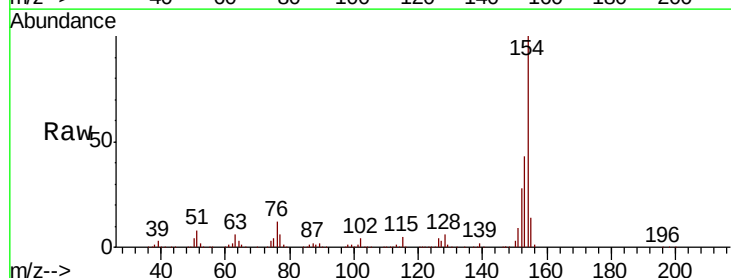
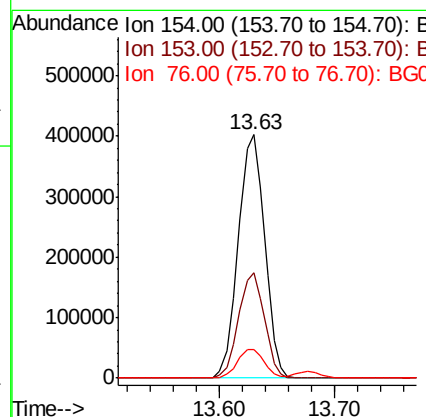
Manual Integrations
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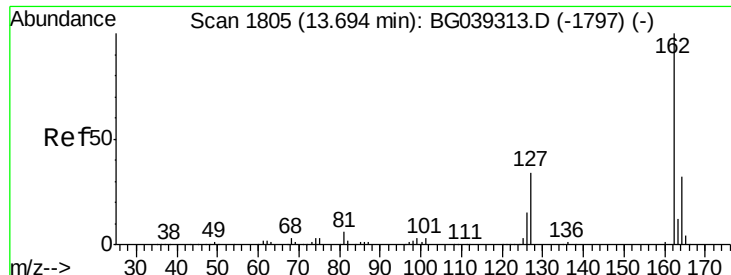
Sohil
2/28/2019 1:32:05 PM



#46
1,1'-Biphenyl
Concen: 38.737 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.1	62.1
76	11.8	0.0	32.4





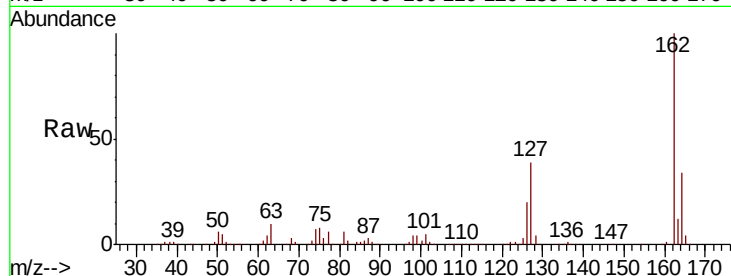
#47
2-Chloronaphthalene
Concen: 40.018 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.0	46.6
164	34.0	25.7	38.5

Manual Integrations
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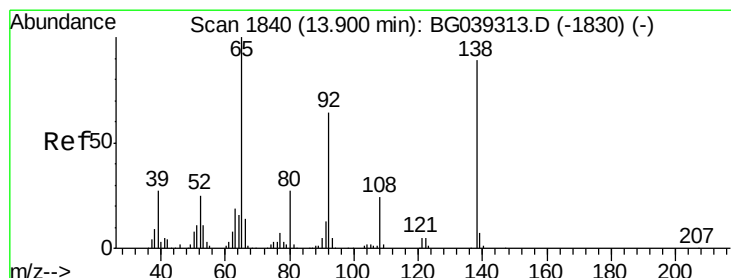
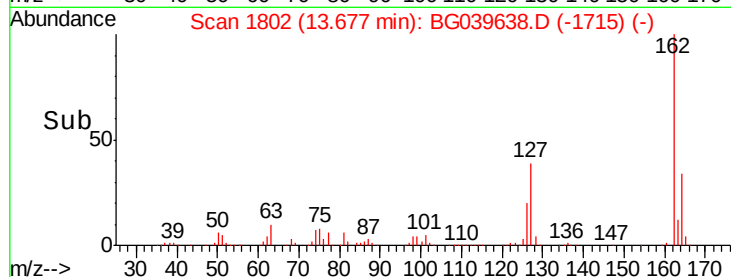
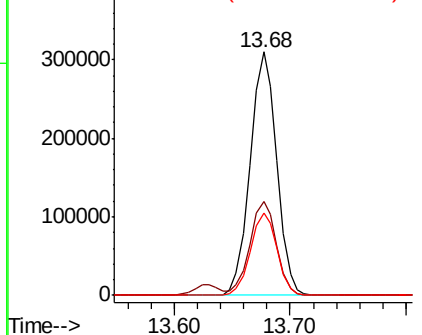


Abundance

Ion 162.00 (161.70 to 162.70): E

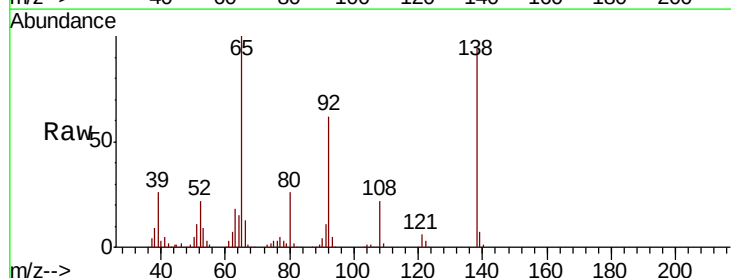
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 49.383 ng
RT: 13.88 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.2	51.4	77.2
138	94.5	71.4	107.2

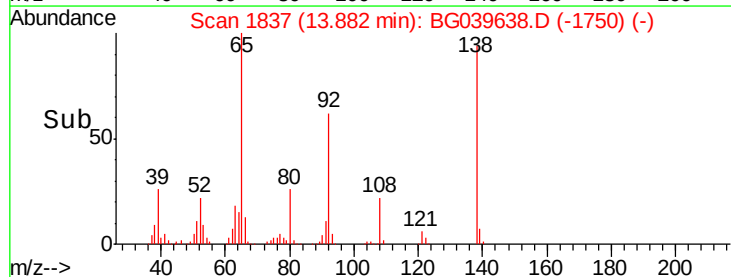
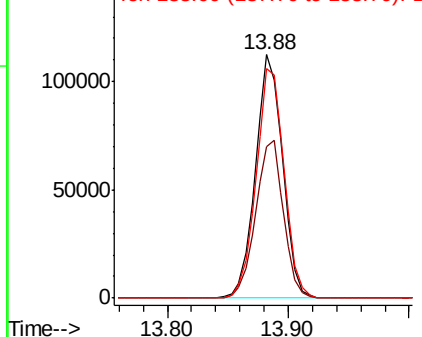


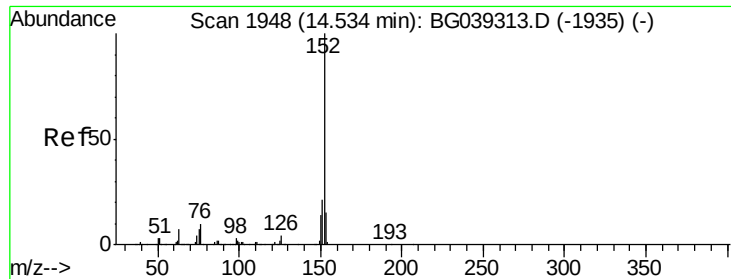
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.351 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Instrument :

BNA_G

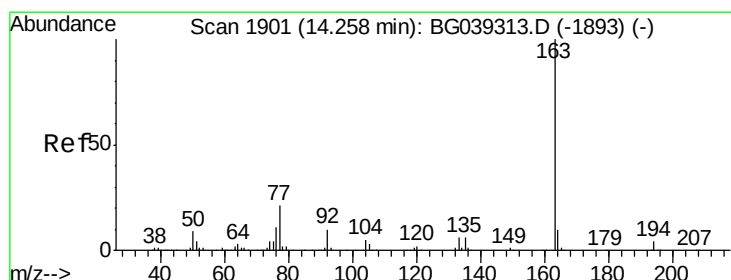
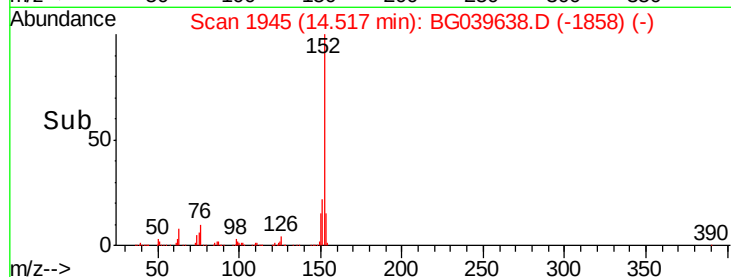
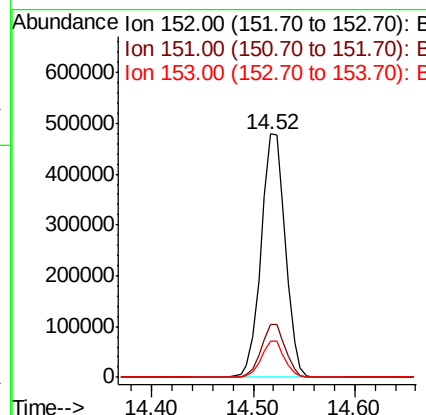
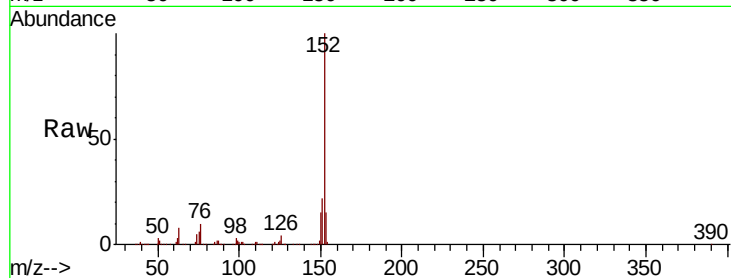
ClientSampleId :

PB117428BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.8	25.2
153	15.0	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.586 ng

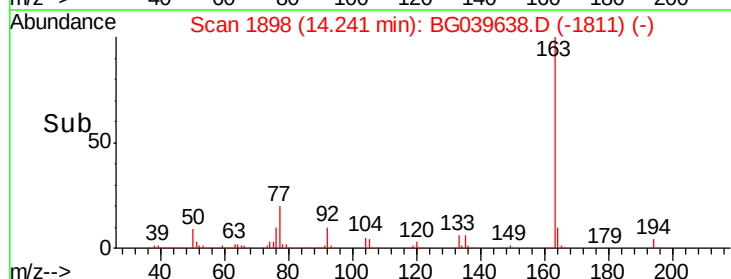
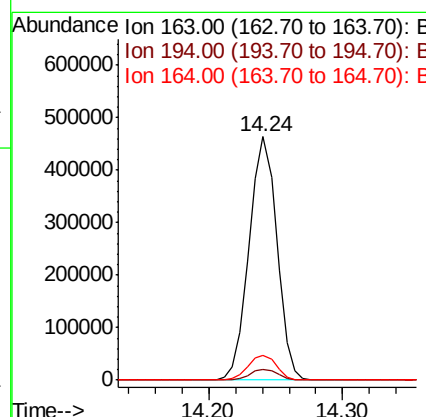
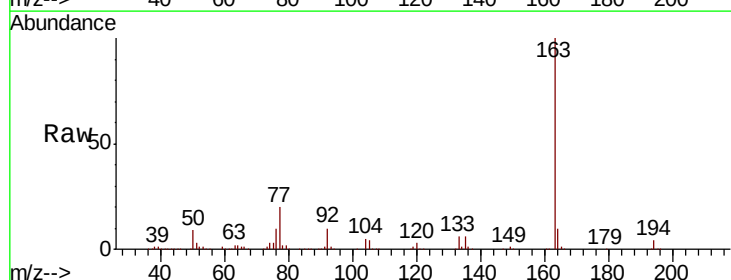
RT: 14.24 min Scan# 1898

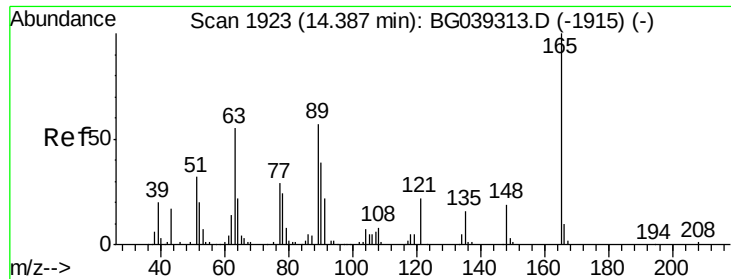
Delta R.T. -0.02 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.4	8.4	12.6





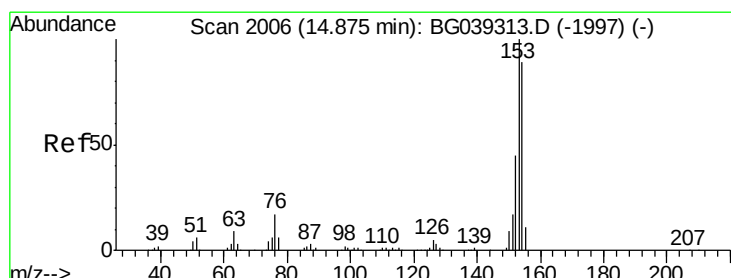
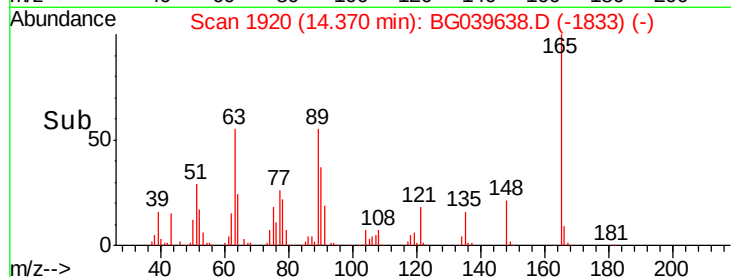
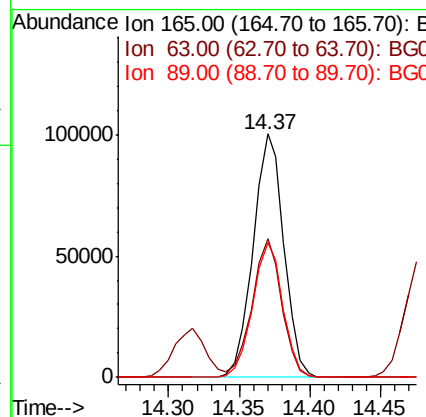
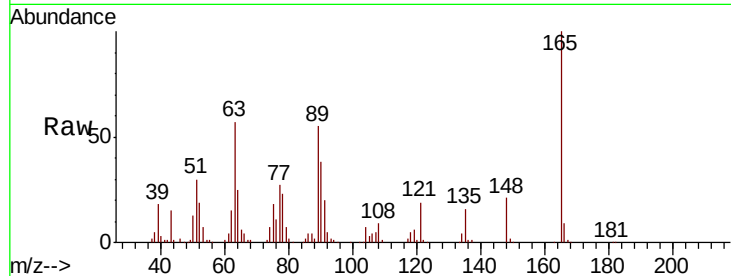
#51
 2,6-Dinitrotoluene
 Concen: 50.770 ng
 RT: 14.37 min Scan# 1920
 Delta R.T. -0.02 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Instrument :
 BNA_G
 ClientSampled :
 PB117428BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	152756		
63	57.1		47.0	70.6
89	55.4		45.8	68.8

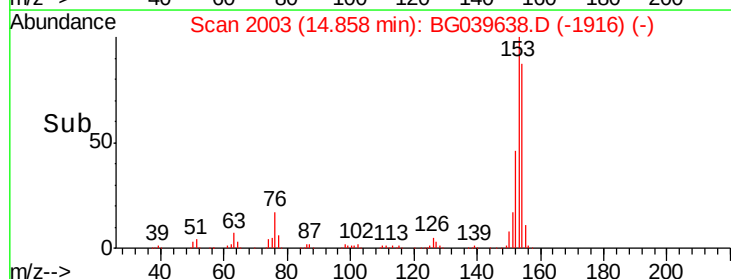
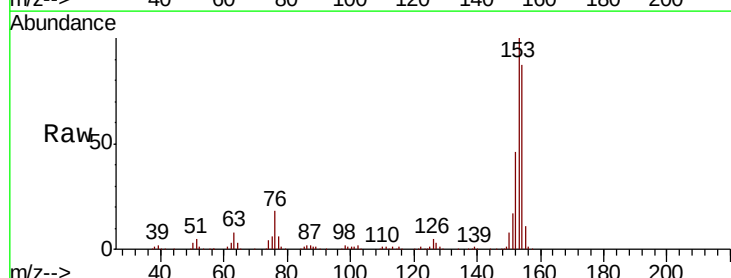
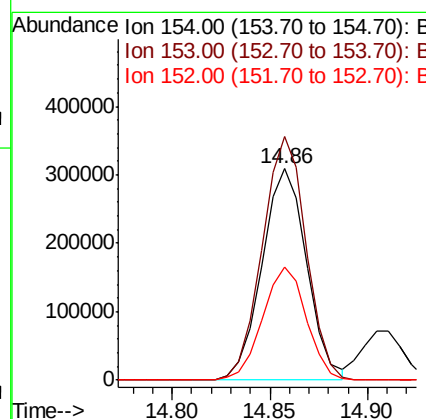
Manual Integrations
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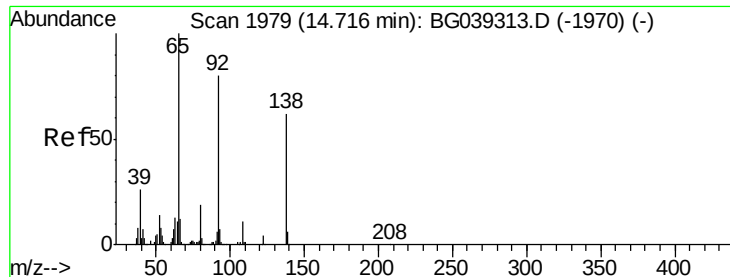
Sohil
 2/28/2019 1:32:05 PM



#52
 Acenaphthene
 Concen: 40.330 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	488621		
153	115.2		90.1	135.1
152	53.2		40.9	61.3





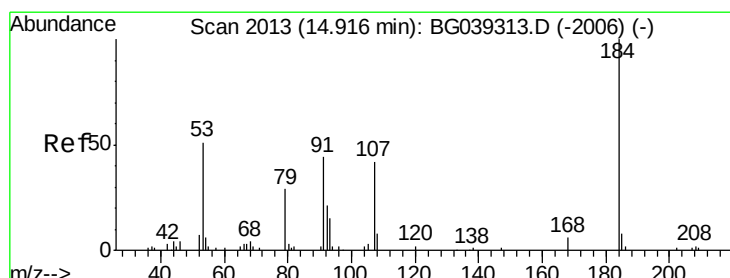
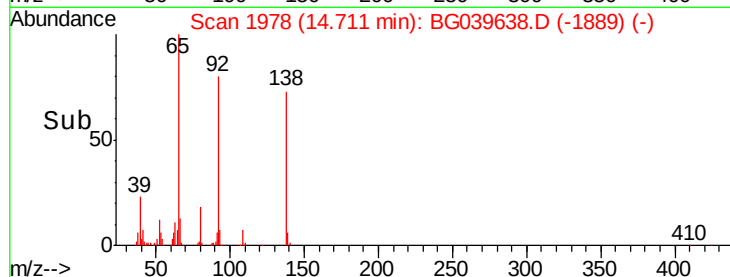
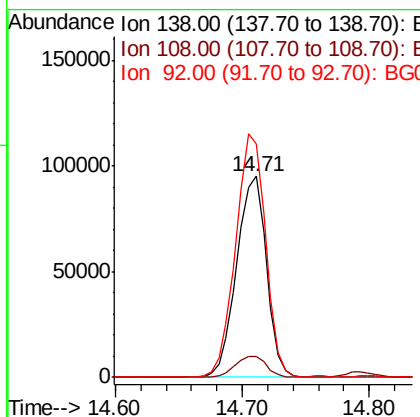
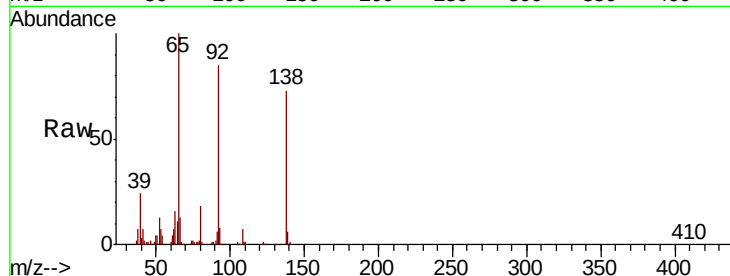
#53
3-Nitroaniline
Concen: 48.309 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion:138 Resp: 155629
Ion Ratio Lower Upper
138 100
108 10.2 13.8 20.8#
92 115.8 103.7 155.5

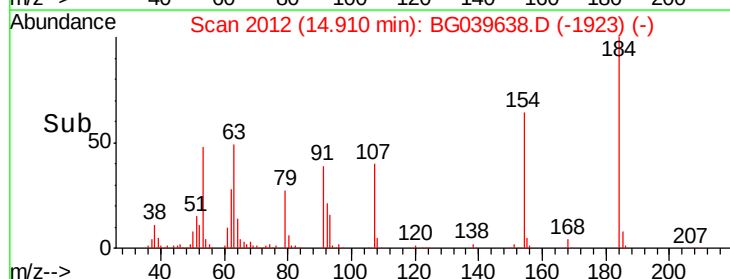
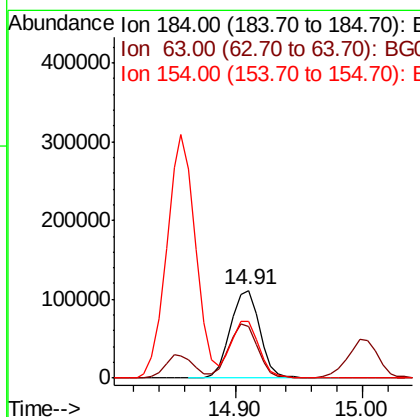
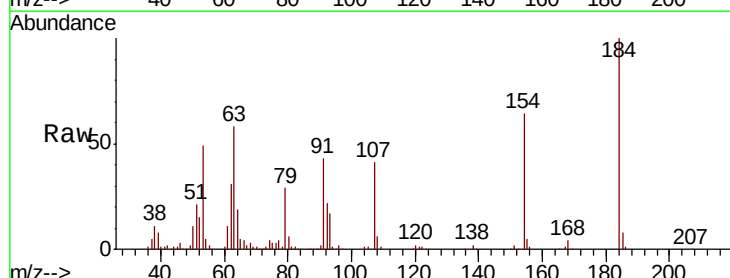
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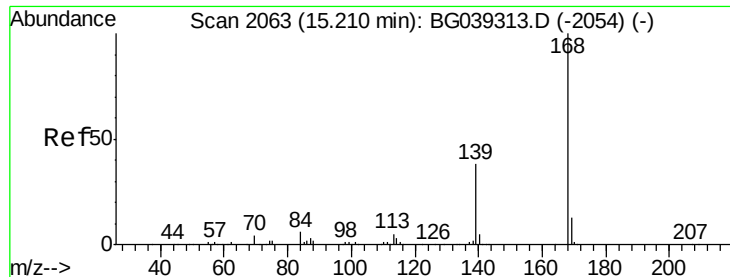
Sohil
2/28/2019 1:32:05 PM



#54
2,4-Dinitrophenol
Concen: 113.120 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion:184 Resp: 179430
Ion Ratio Lower Upper
184 100
63 58.5 50.9 76.3
154 64.3 53.0 79.6





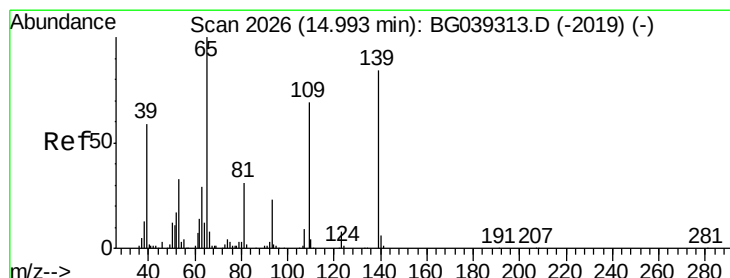
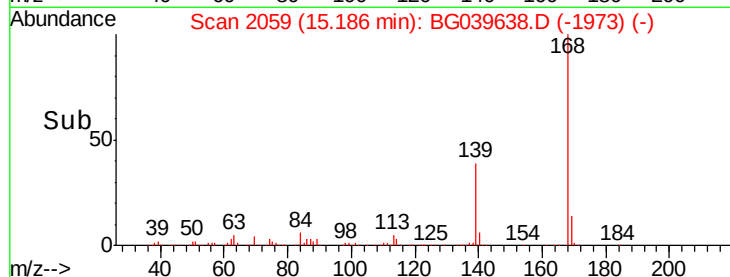
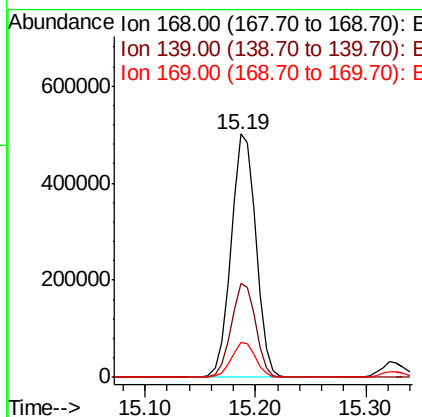
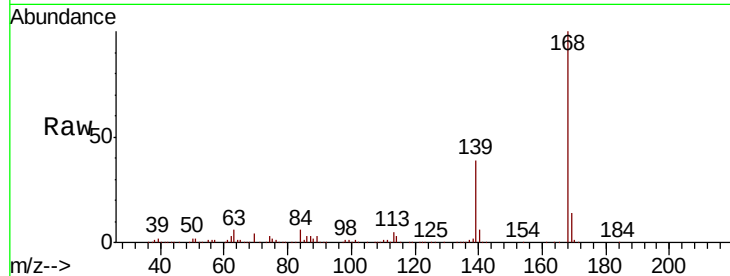
#55
Dibenzofuran
Concen: 40.715 ng
RT: 15.19 min Scan# 2059
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	14.2	10.6	16.0

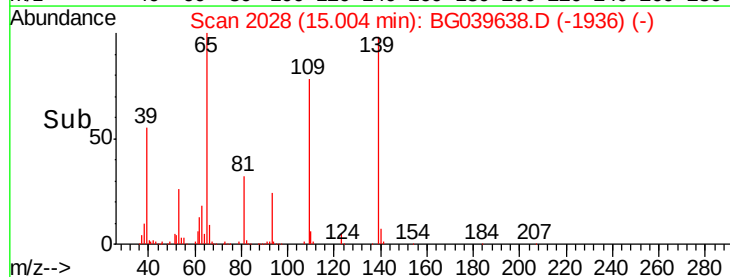
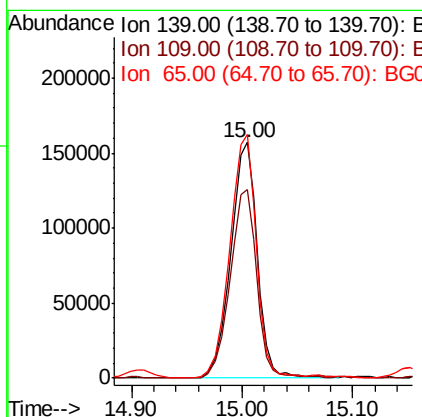
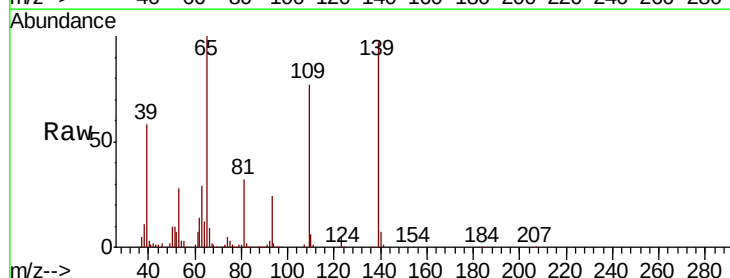
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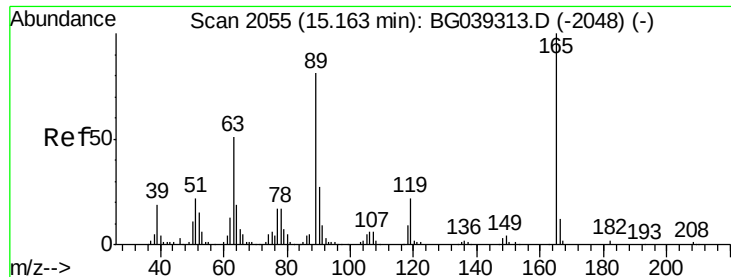
Sohil
2/28/2019 1:32:05 PM



#56
4-Nitrophenol
Concen: 90.959 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.8	61.9	101.9
65	103.3	99.1	139.1





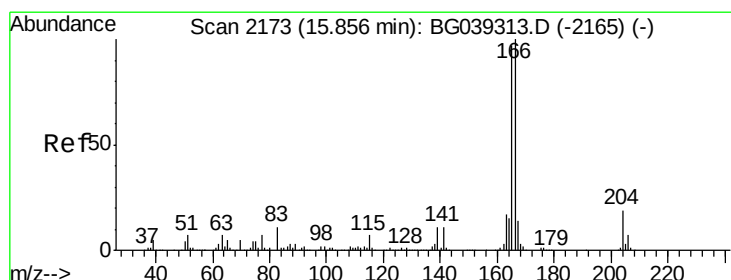
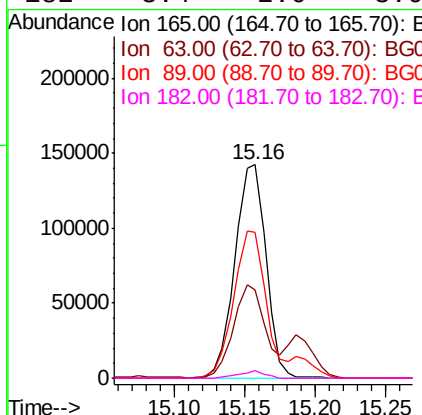
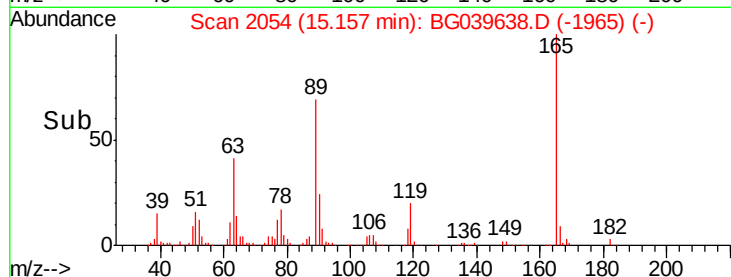
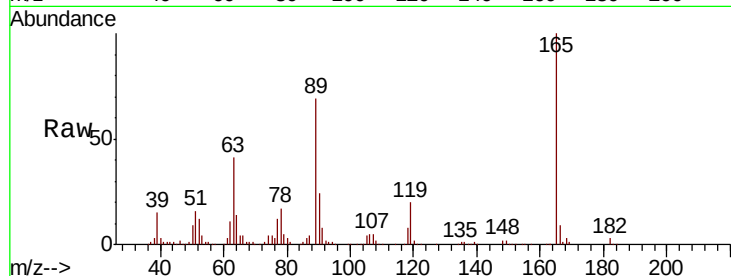
#57
2,4-Dinitrotoluene
Concen: 55.715 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.5	41.0	61.6
89	68.6	64.6	96.8
182	3.4	2.0	3.0#

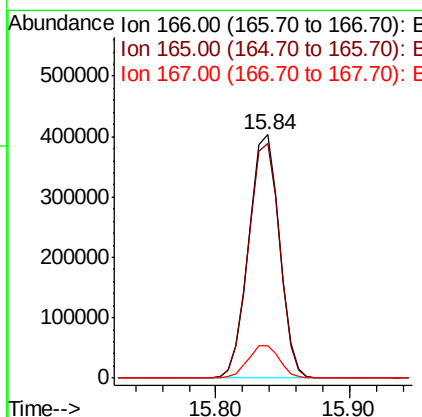
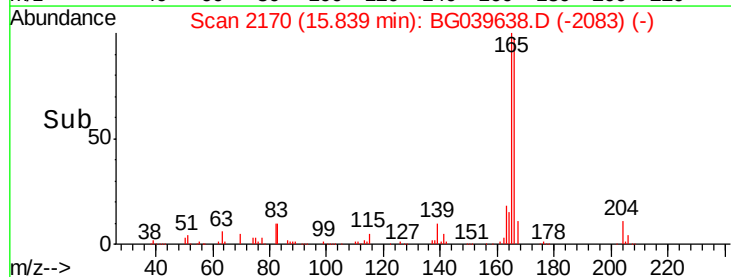
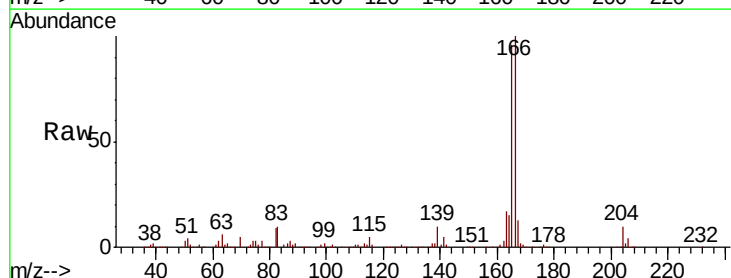
Manual Integrations
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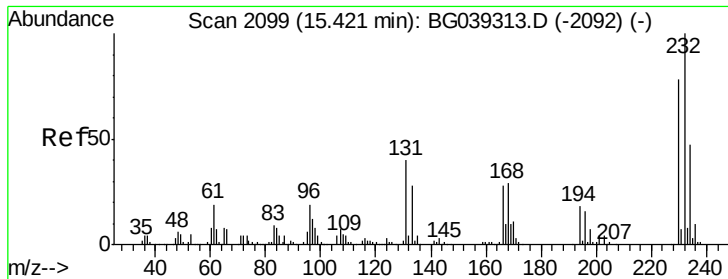
Sohil
2/28/2019 1:32:05 PM



#58
Fluorene
Concen: 43.995 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.9	116.9
167	13.4	10.8	16.2





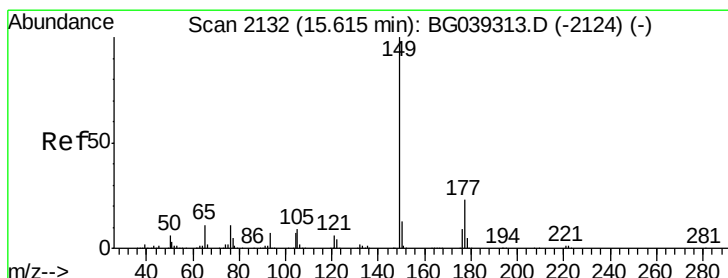
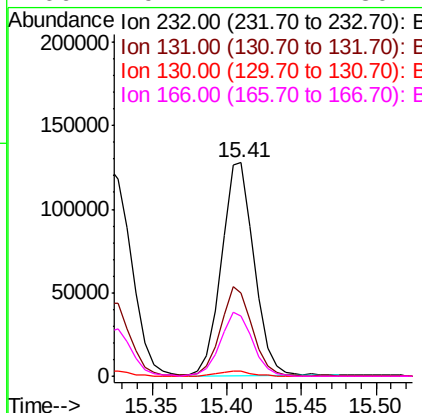
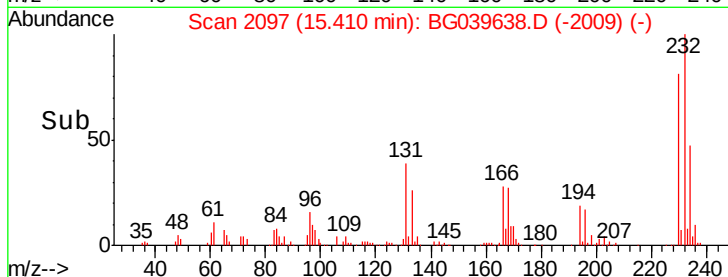
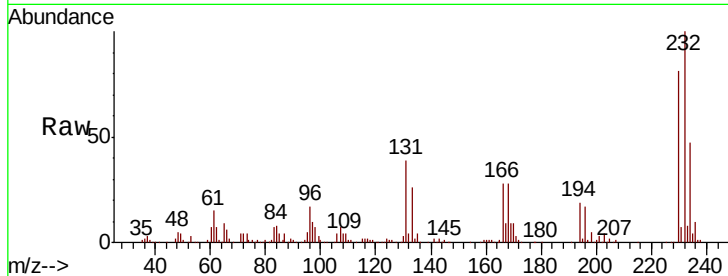
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.453 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	40.2	34.9	52.3
130	2.5	2.0	3.0
166	29.2	24.1	36.1

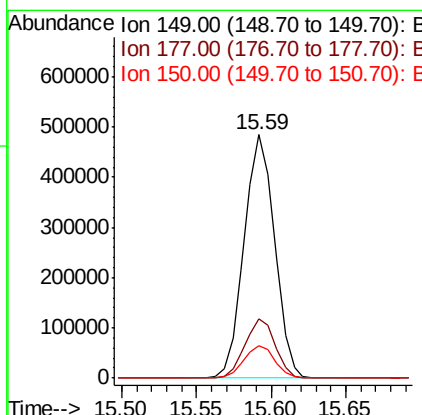
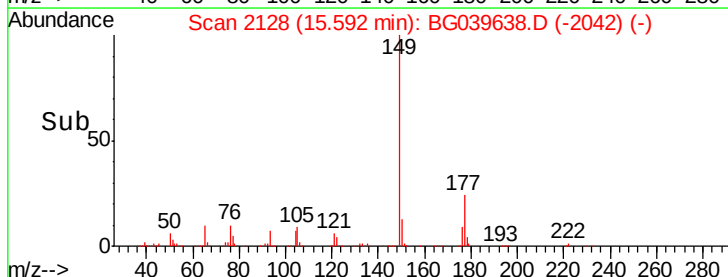
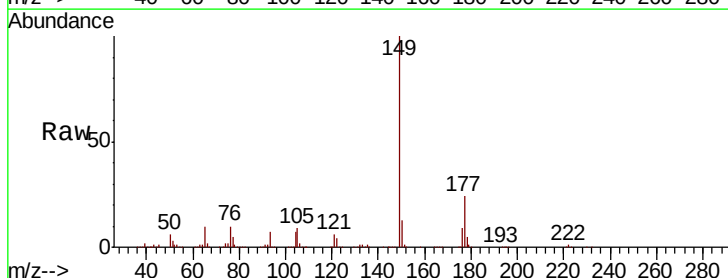
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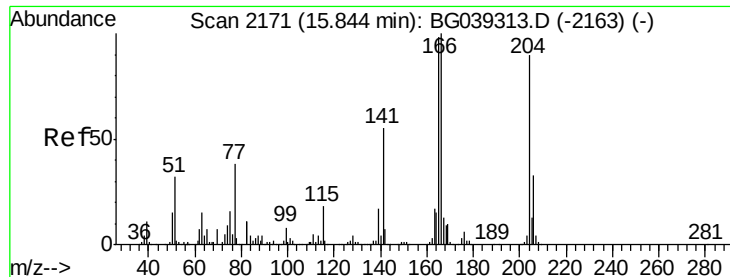
Sohil
 2/28/2019 1:32:05 PM



#60
 Diethylphthalate
 Concen: 41.392 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.1	18.3	27.5
150	13.2	10.2	15.2





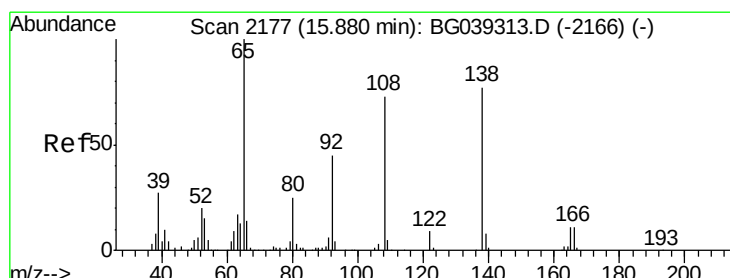
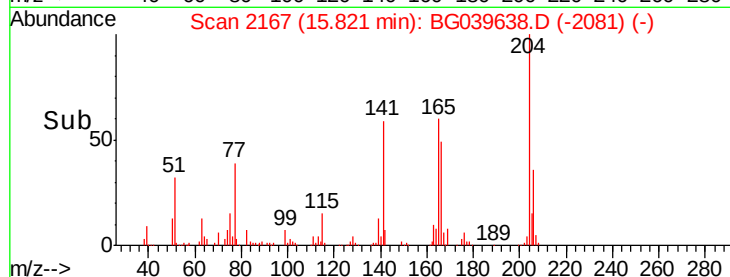
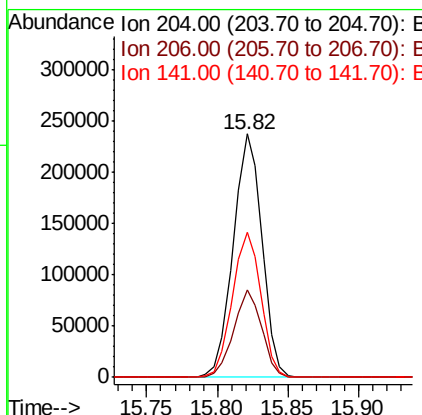
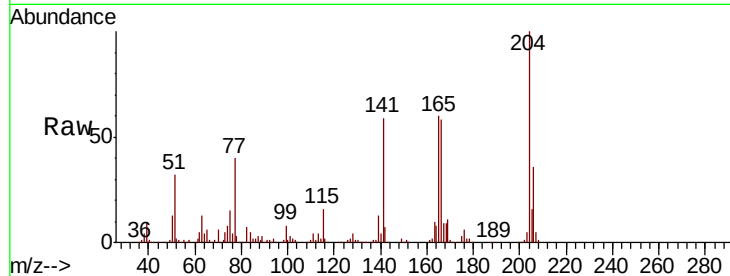
#61
4-Chlorophenyl-phenylether
Concen: 40.877 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.8	29.2	43.8
141	59.4	49.0	73.4

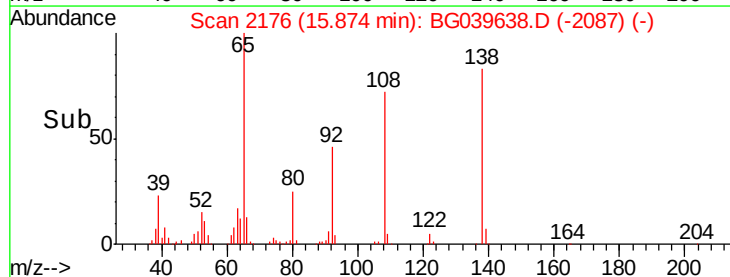
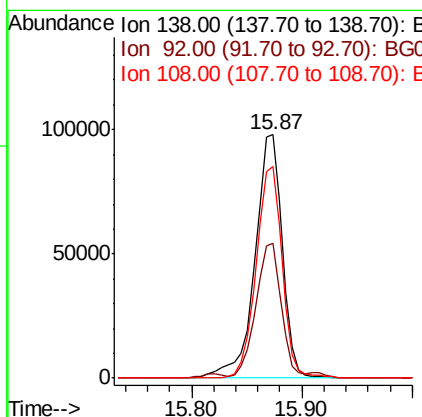
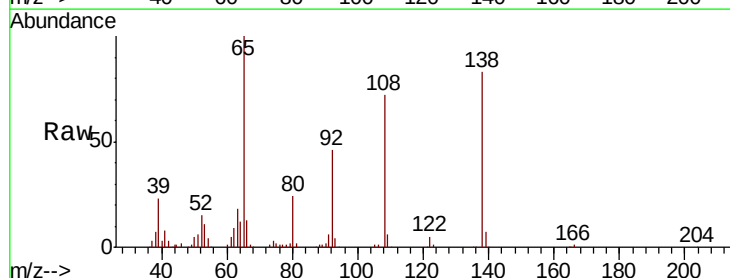
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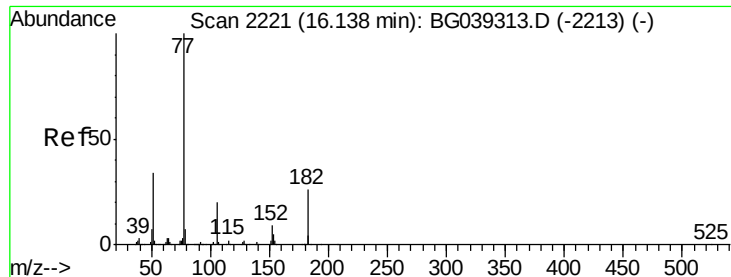
Sohil
2/28/2019 1:32:05 PM



#62
4-Nitroaniline
Concen: 50.819 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.6	38.7	78.7
108	87.1	74.6	114.6





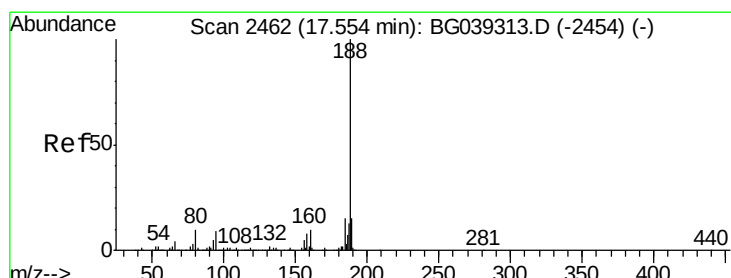
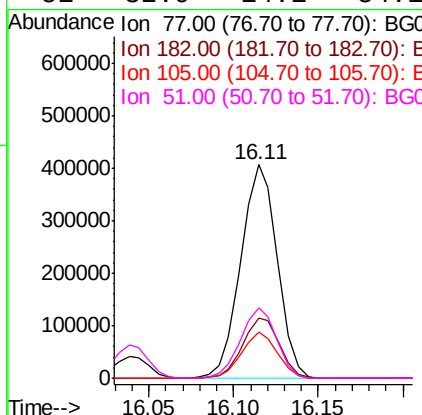
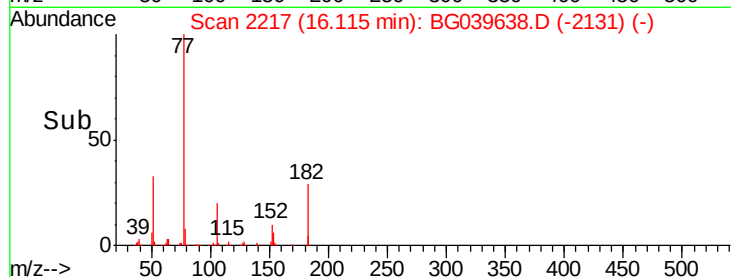
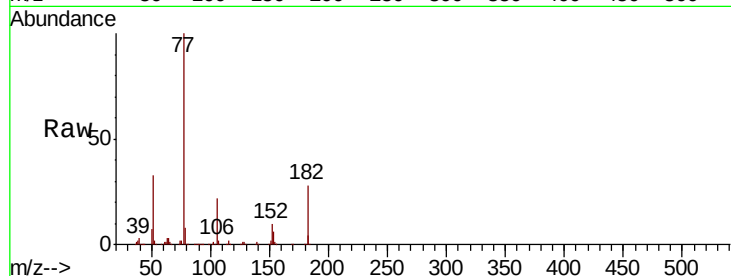
#63
Azobenzene
Concen: 37.745 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	6.4	46.4
105	21.6	0.0	39.8
51	32.9	14.1	54.1

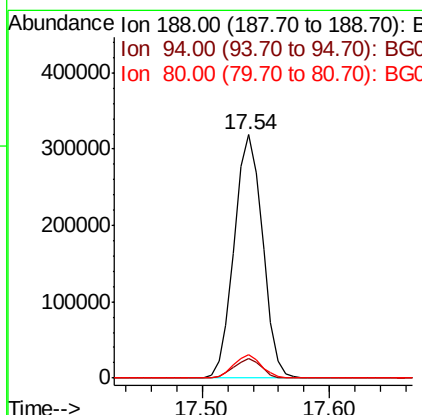
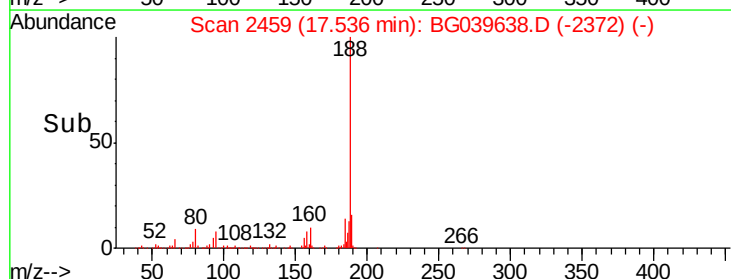
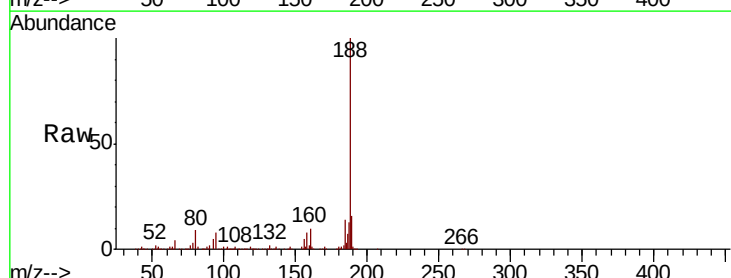
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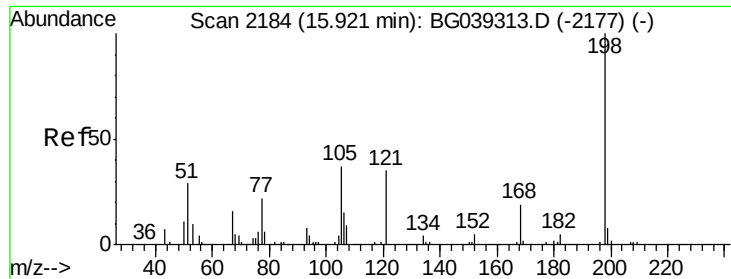
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2/28/2019 1:32:05 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.4	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 61.221 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Instrument :

BNA_G

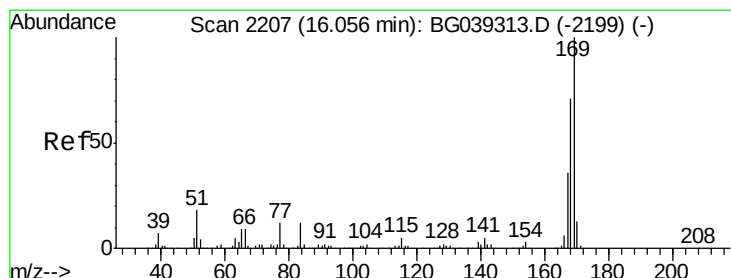
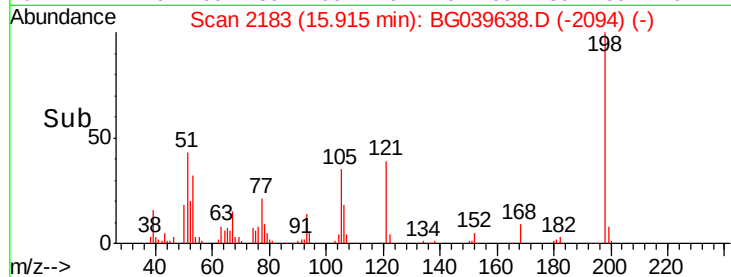
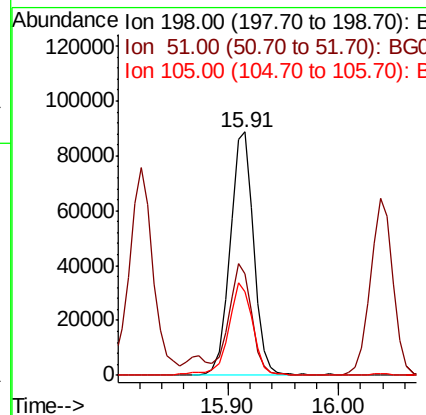
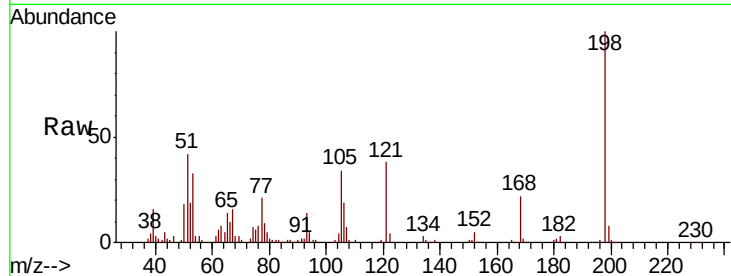
ClientSampleId :

PB117428BS

Tot Ion:	198	Resp:	132055
Ion Ratio	Lower	Upper	
198	100		
51	41.9	27.4	67.4
105	34.2	19.7	59.7

Manual Integrations
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2/28/2019 1:32:05 PM



#66

n-Nitrosodiphenylamine

Concen: 39.045 ng

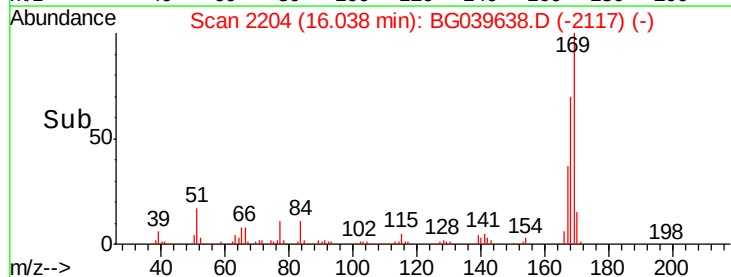
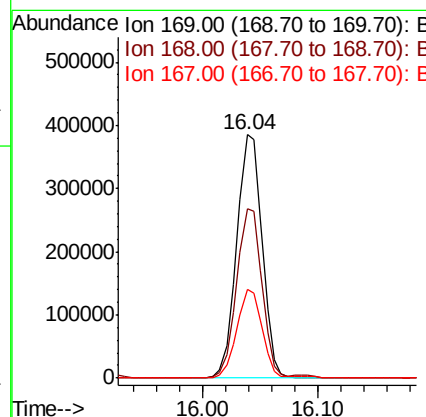
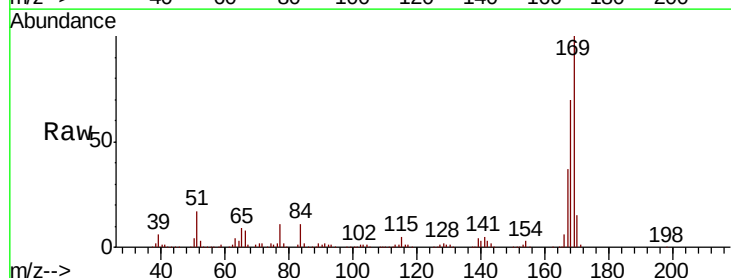
RT: 16.04 min Scan# 2204

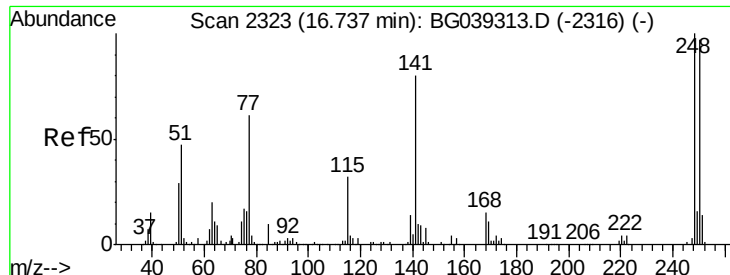
Delta R.T. -0.02 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Tgt Ion:	169	Resp:	586157
Ion Ratio	Lower	Upper	
169	100		
168	69.5	56.6	85.0
167	36.7	28.8	43.2





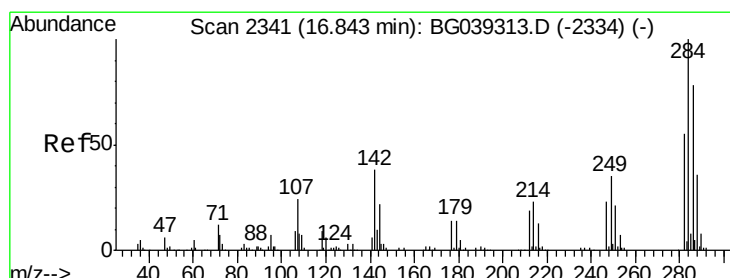
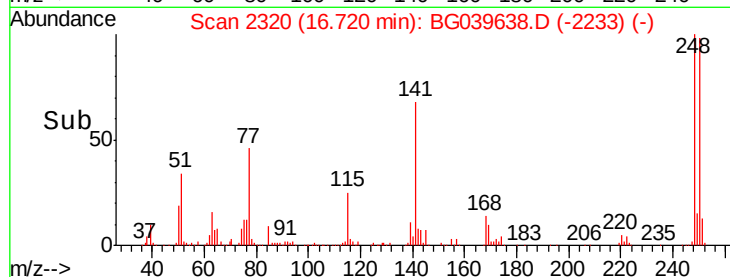
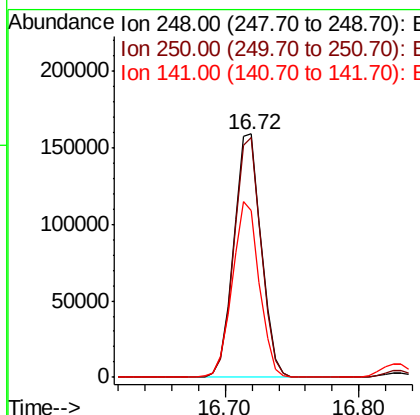
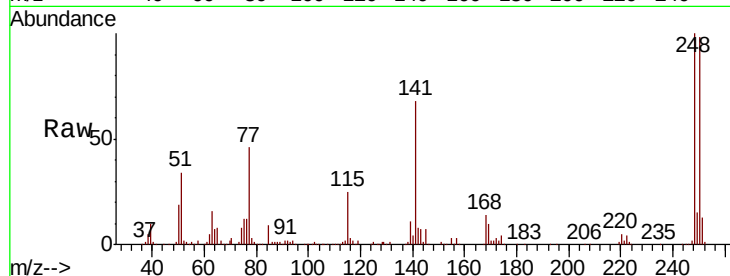
#67
 4-Bromophenyl-phenylether
 Concen: 41.580 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.6	116.4
141	68.4	63.9	95.9

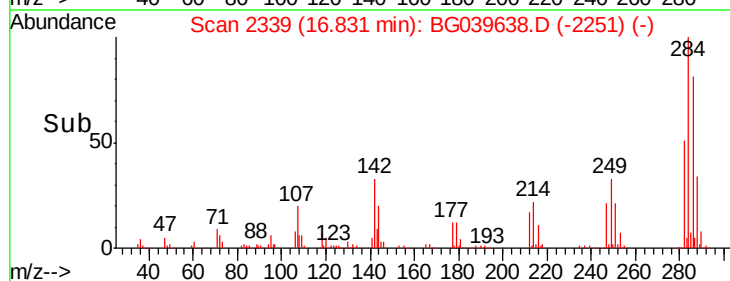
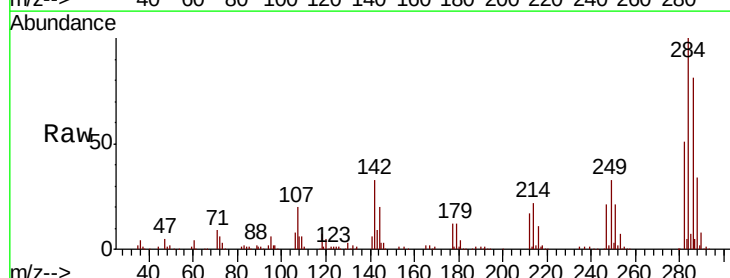
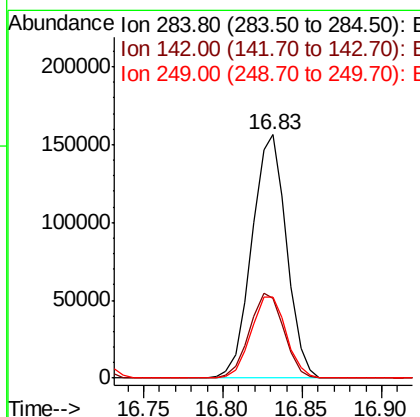
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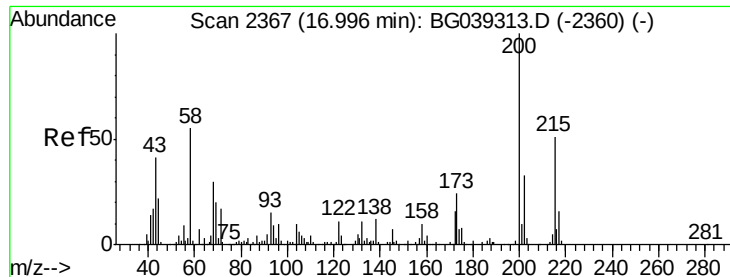
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 2/28/2019 1:32:05 PM



#68
 Hexachlorobenzene
 Concen: 43.122 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	30.6	45.8
249	33.4	28.2	42.2





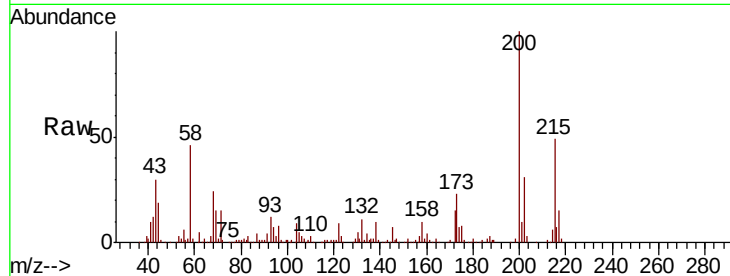
#69
 Atrazine
 Concen: 25.190 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.02 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Instrument :
 BNA_G
 ClientSampled :
 PB117428BS

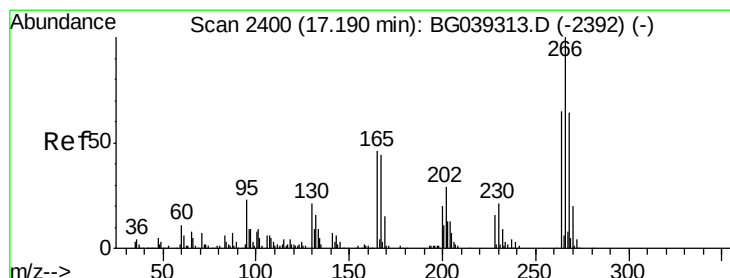
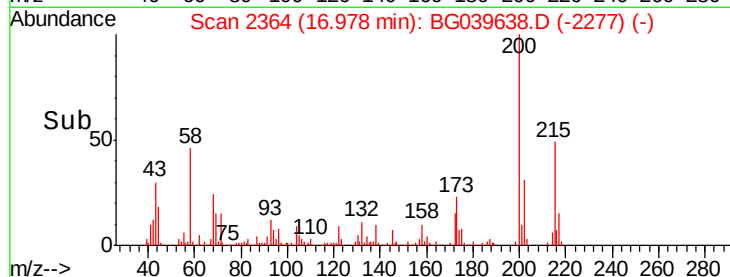
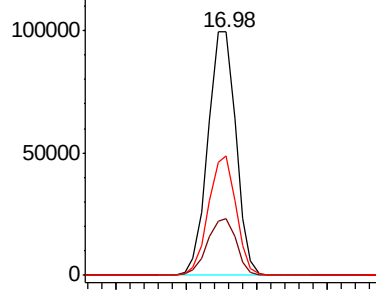
Tot Ion:	200	Resp:	138195
Ion Ratio	Lower	Upper	
200	100		
173	23.1	3.9	43.9
215	49.2	30.9	70.9

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 2/28/2019 1:32:05 PM

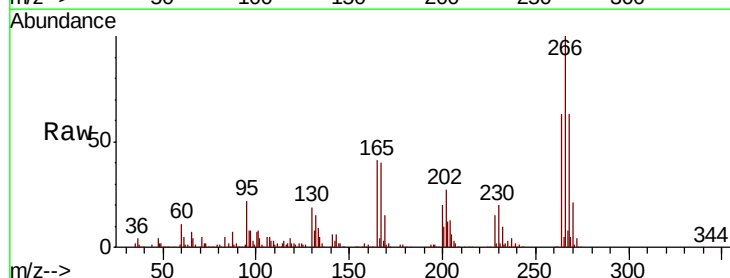


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

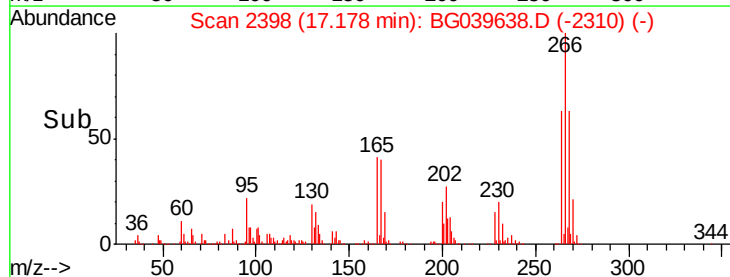
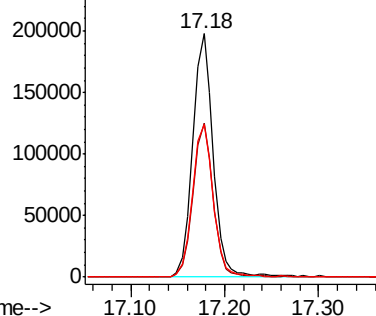


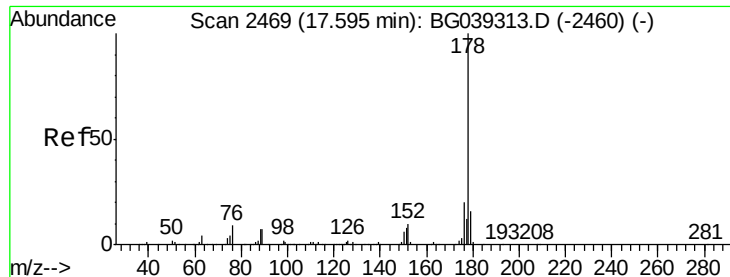
#70
 Pentachlorophenol
 Concen: 78.743 ng
 RT: 17.18 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Tgt Ion:	266	Resp:	300748
Ion Ratio	Lower	Upper	
266	100		
268	63.4	51.1	76.7
264	62.9	52.1	78.1



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





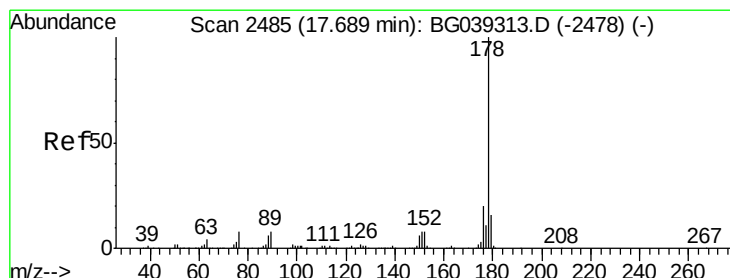
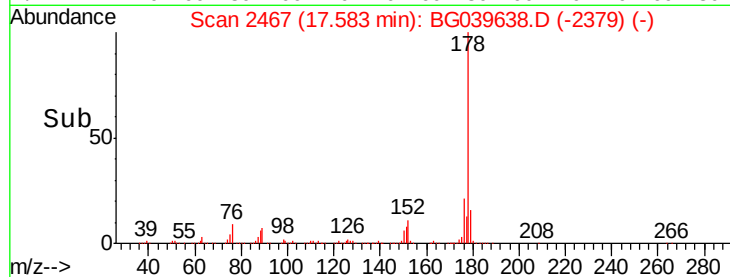
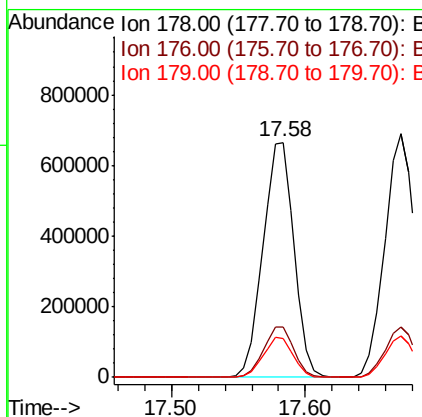
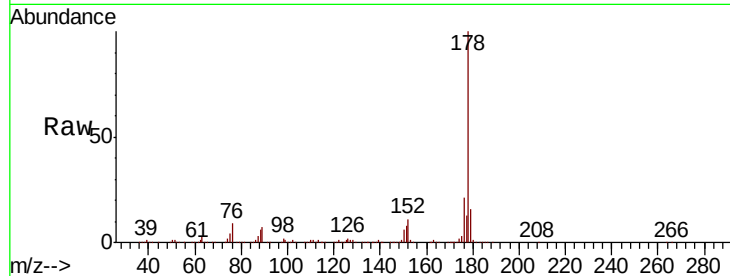
#71
Phenanthrene
Concen: 41.836 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion:178 Resp: 1069064
Ion Ratio Lower Upper
178 100
176 21.2 16.2 24.4
179 16.4 12.6 19.0

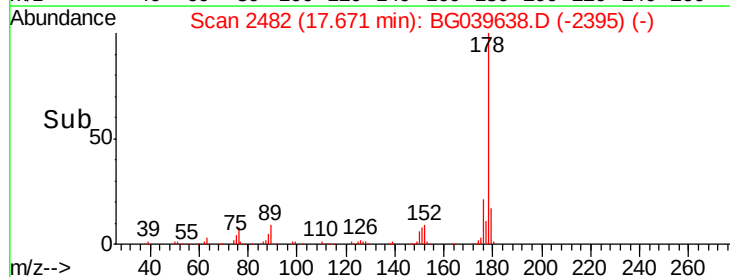
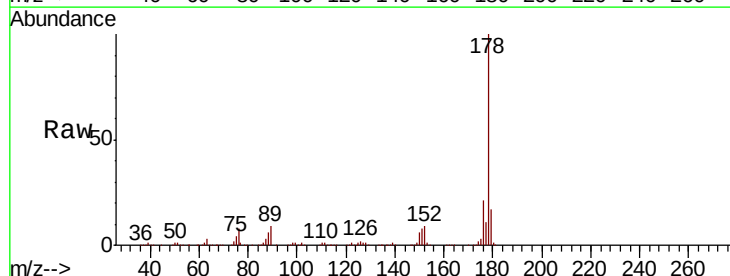
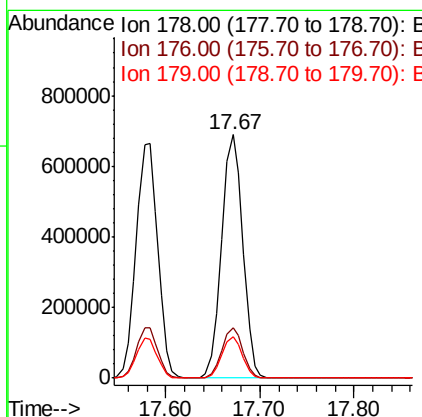
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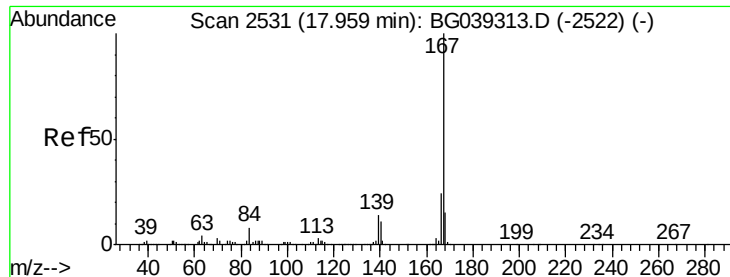
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2/28/2019 1:32:05 PM



#72
Anthracene
Concen: 43.070 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion:178 Resp: 1084084
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.6
179 17.1 12.5 18.7





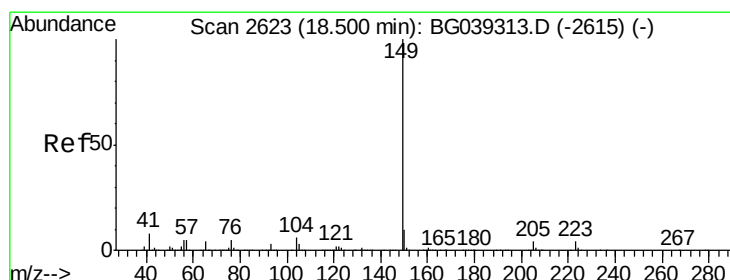
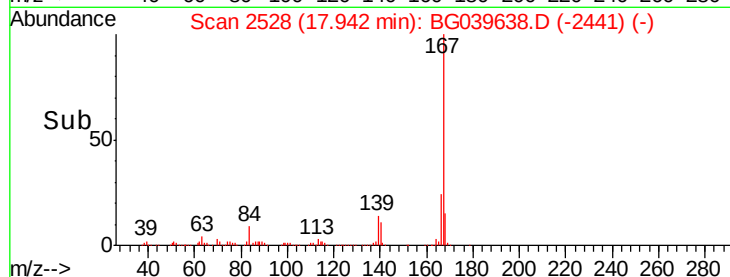
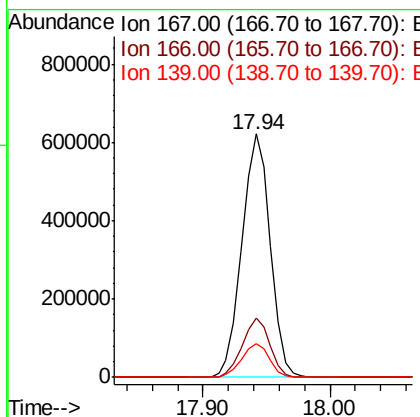
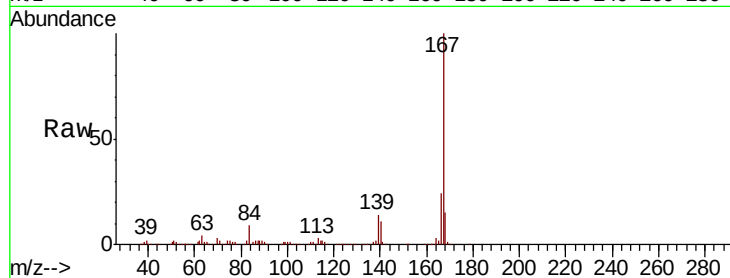
#73
 Carbazole
 Concen: 38.202 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.4	29.2
139	14.0	10.8	16.2

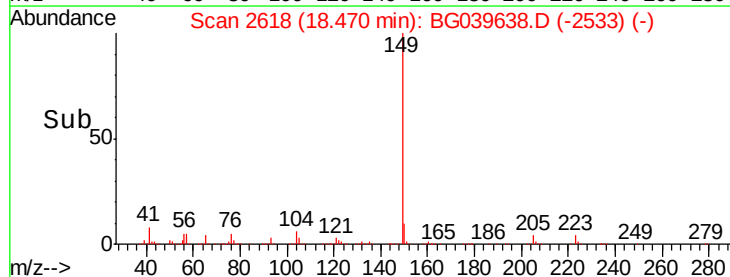
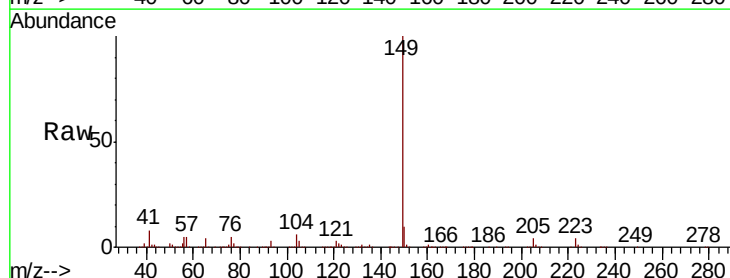
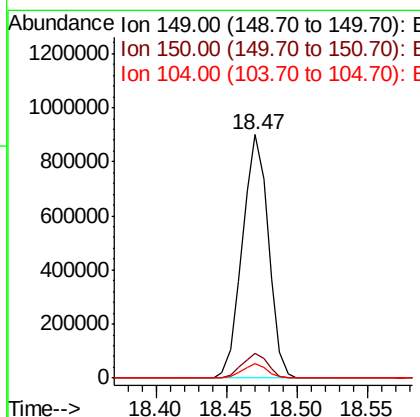
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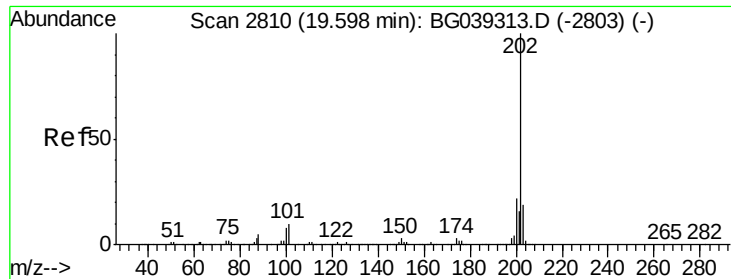
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 2/28/2019 1:32:05 PM



#74
 Di-n-butylphthalate
 Concen: 39.704 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	5.8	4.5	6.7





#75

Fluoranthene

Concen: 43.214 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Instrument :

BNA_G

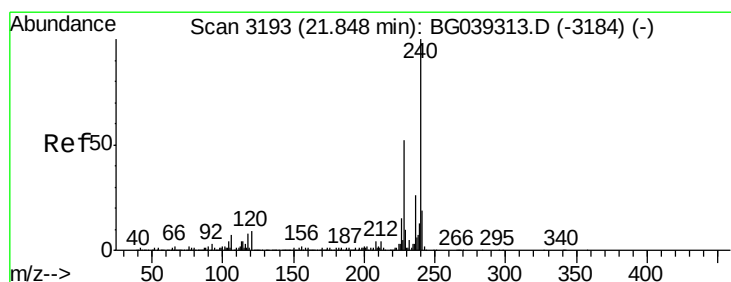
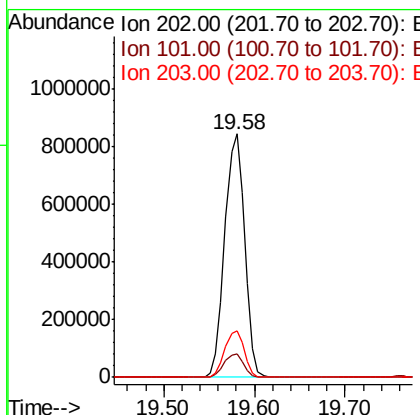
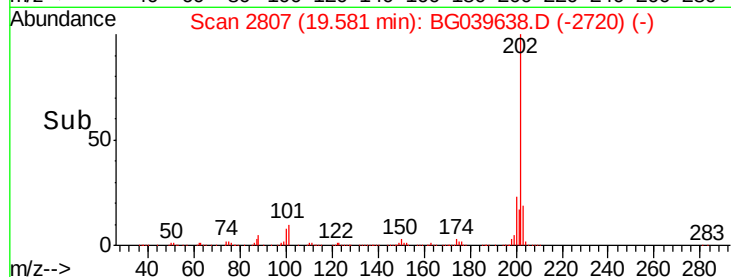
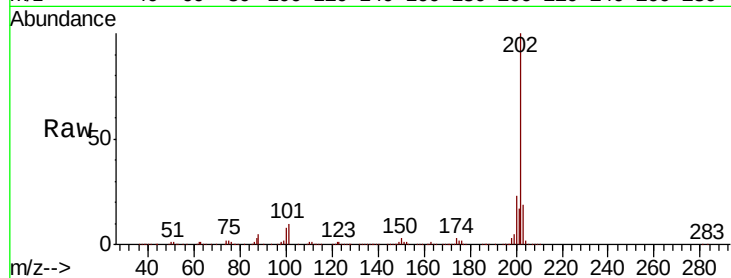
ClientSampled :

PB117428BS

Tot Ion:	202	Resp:	1281705
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.0
203	19.1	0.0	38.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

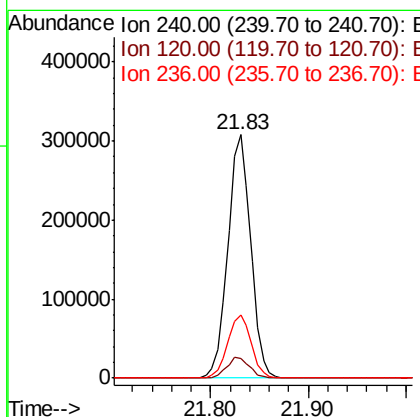
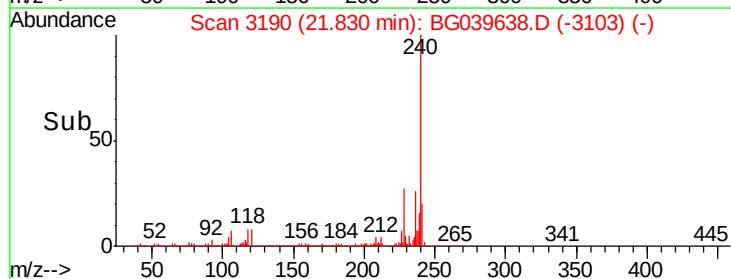
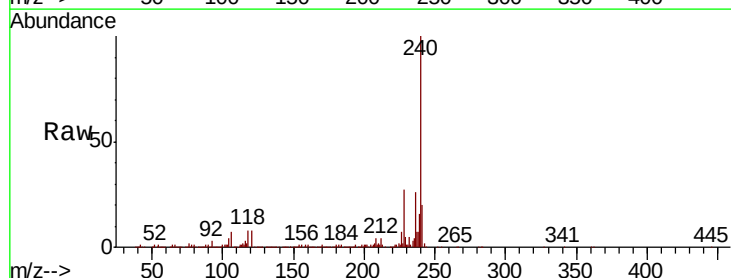
RT: 21.83 min Scan# 3190

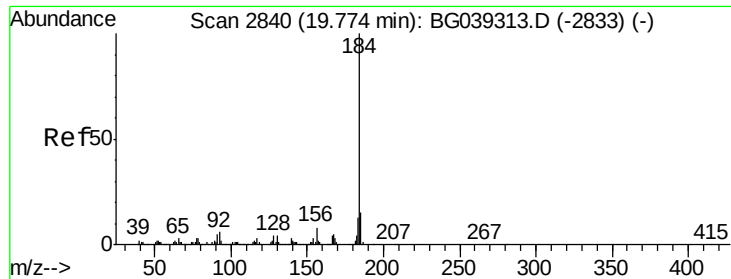
Delta R.T. -0.02 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Tgt Ion:	240	Resp:	498853
Ion Ratio	Lower	Upper	
240	100		
120	8.1	7.0	10.6
236	25.8	21.0	31.4





#77

Benzidine

Concen: 55.237 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Instrument :

BNA_G

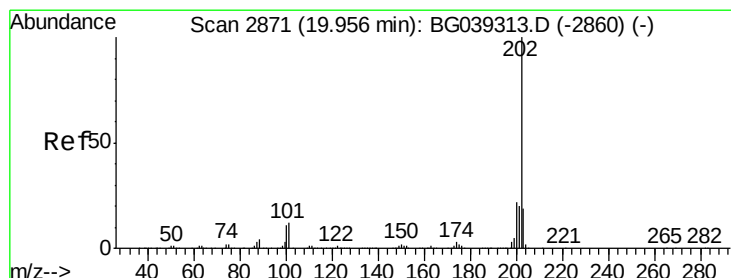
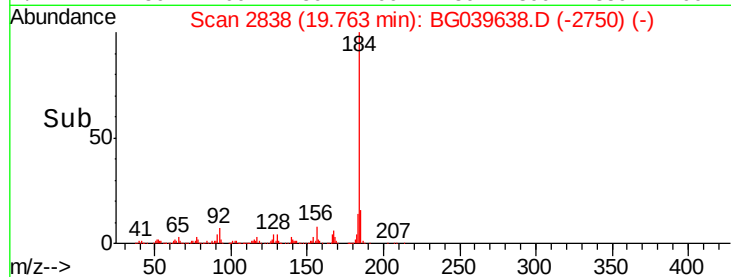
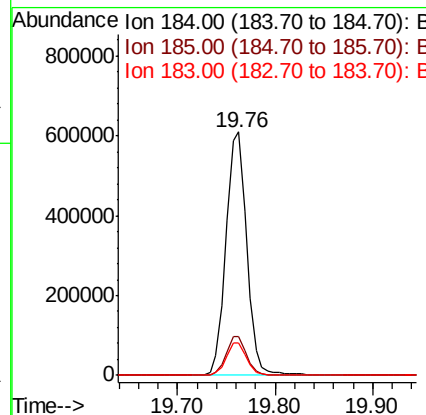
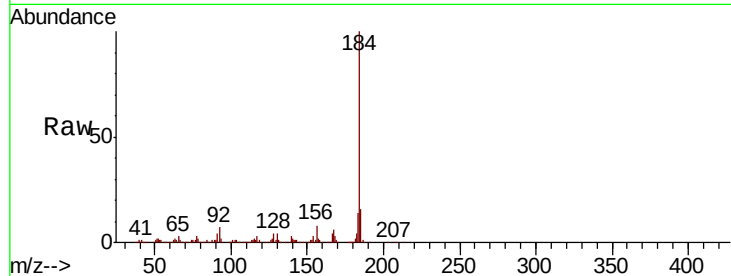
ClientSampleId :

PB117428BS

Tot Ion:	184	Resp:	903411
Ion Ratio	Lower	Upper	
184	100		
185	16.0	12.2	18.2
183	13.5	10.6	15.8

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#78

Pyrene

Concen: 41.218 ng

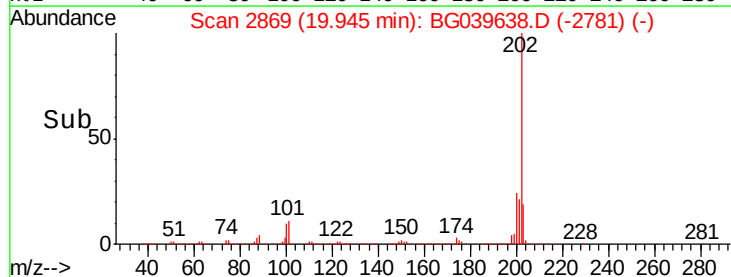
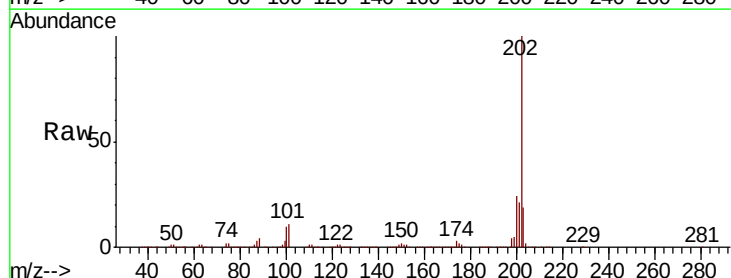
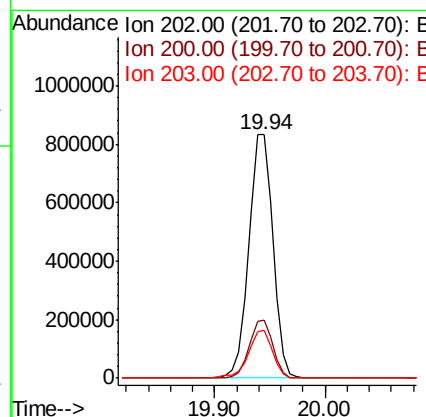
RT: 19.94 min Scan# 2869

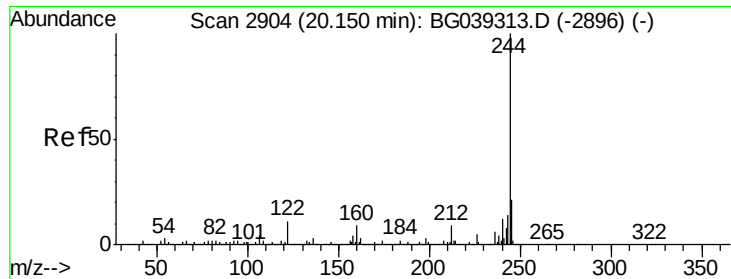
Delta R.T. -0.01 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Tgt Ion:	202	Resp:	1280011
Ion Ratio	Lower	Upper	
202	100		
200	23.7	17.8	26.8
203	19.4	15.3	22.9





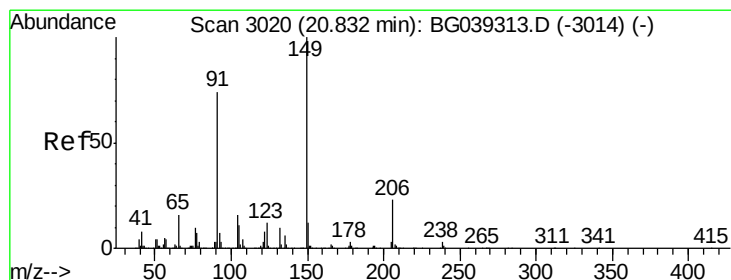
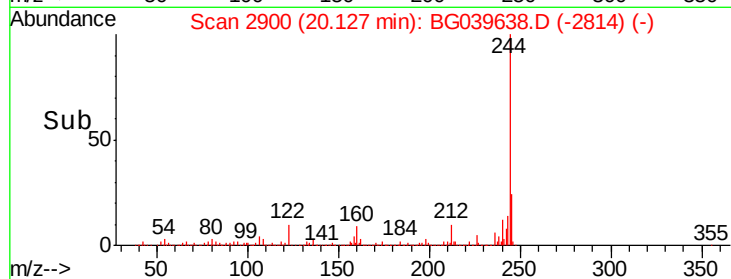
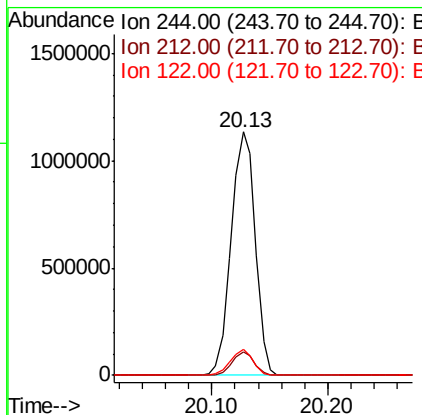
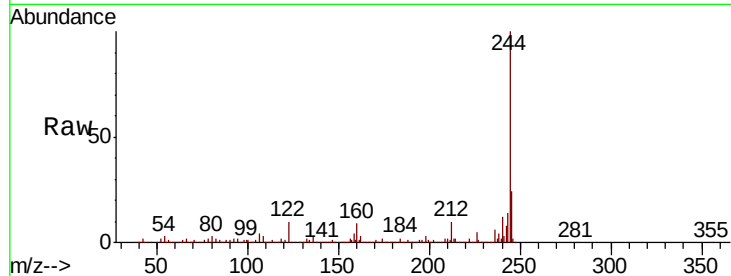
#79
 Terphenyl-d14
 Concen: 69.518 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.02 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.5	8.4	12.6

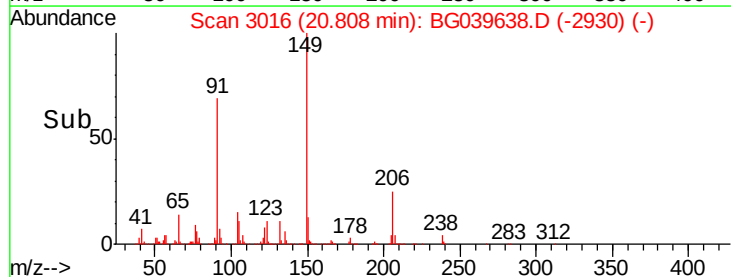
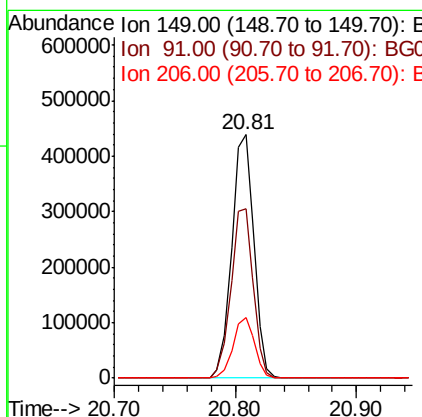
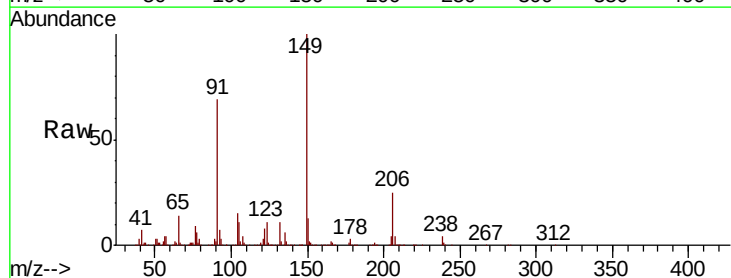
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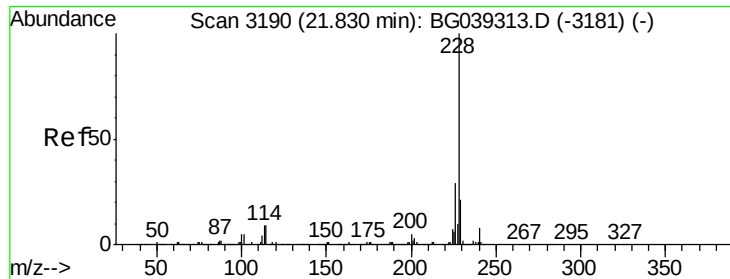
Sohil
 2/28/2019 1:32:05 PM



#80
 Butylbenzylphthalate
 Concen: 42.754 ng
 RT: 20.81 min Scan# 3016
 Delta R.T. -0.02 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.5	59.5	89.3
206	25.0	18.6	27.8





#81

Benzo(a)anthracene

Concen: 42.895 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Instrument :

BNA_G

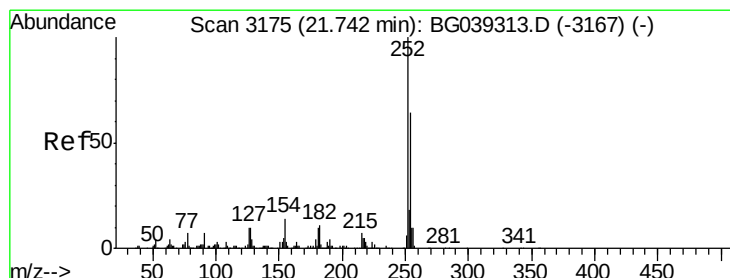
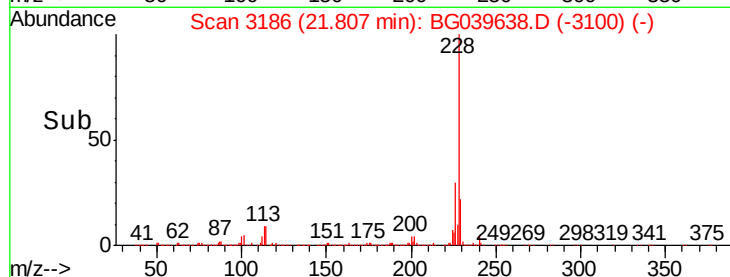
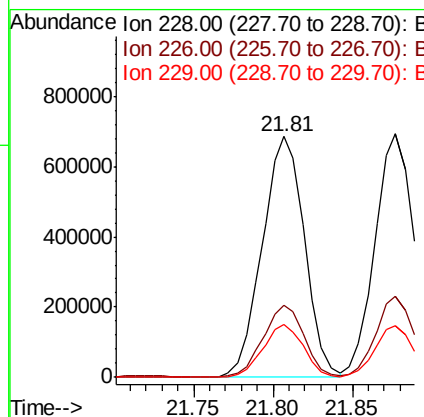
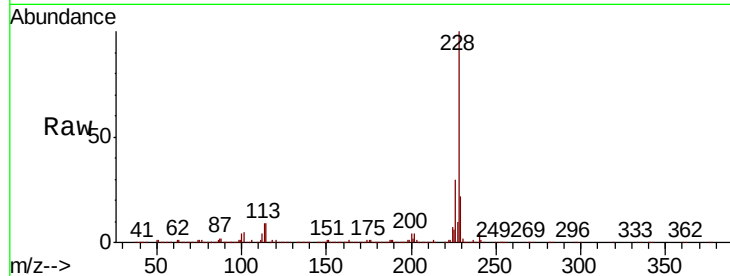
ClientSampleId :

PB117428BS

Tot Ion:	228	Resp:	1264399
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.6
229	22.2	16.9	25.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 42.615 ng

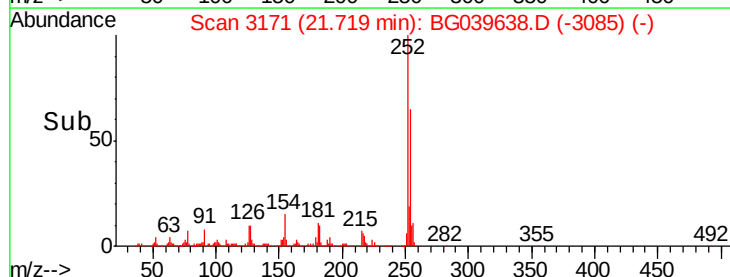
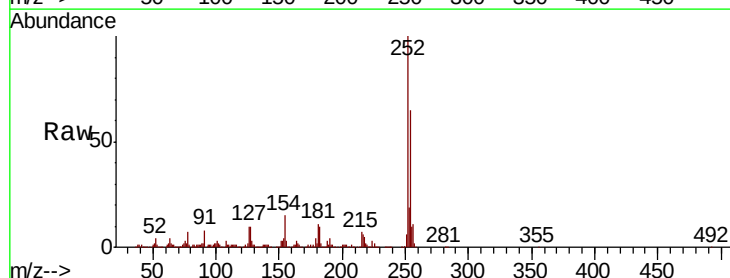
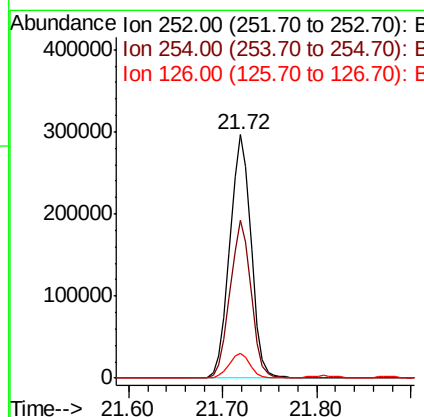
RT: 21.72 min Scan# 3171

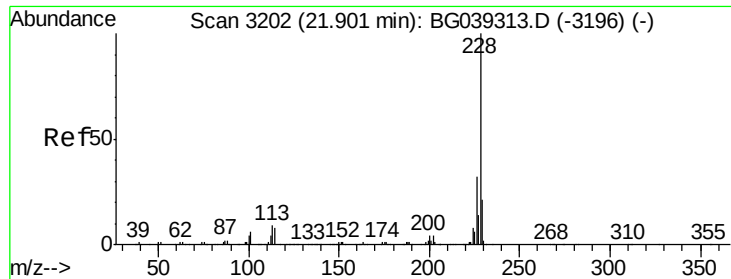
Delta R.T. -0.02 min

Lab File: BG039638.D

Acq: 27 Feb 2019 17:18

Tgt Ion:	252	Resp:	465771
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.3	76.9
126	10.2	8.0	12.0





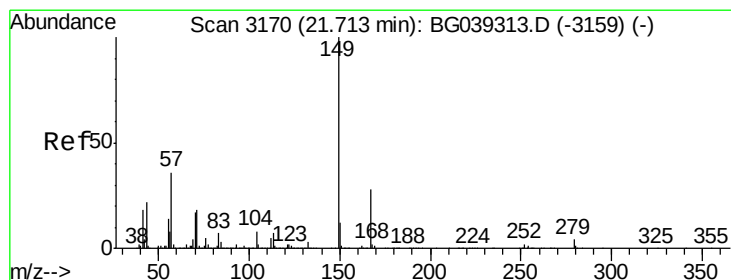
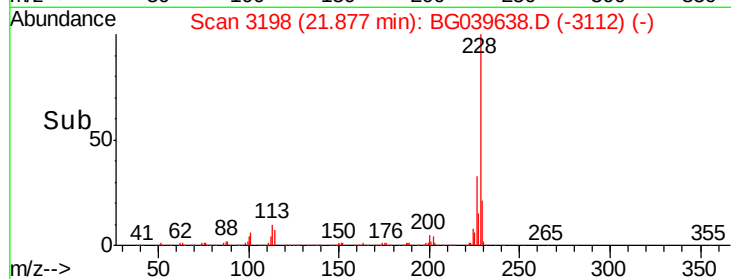
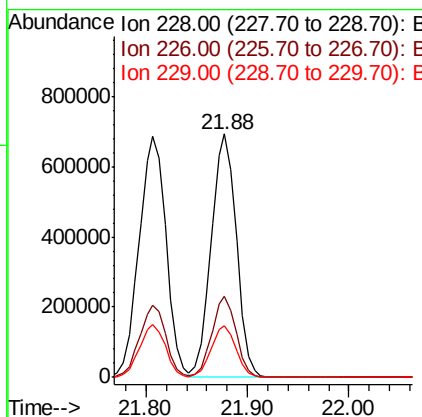
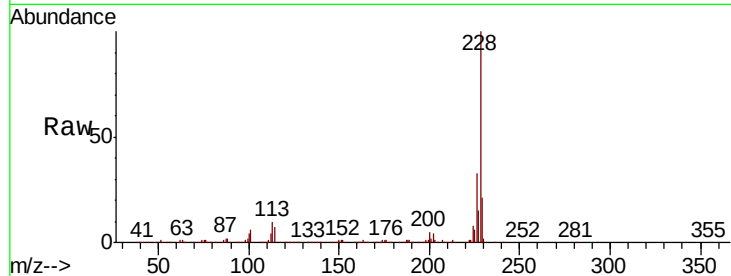
#83
 Chrysene
 Concen: 42.278 ng
 RT: 21.88 min Scan# 3198
 Delta R.T. -0.02 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.8	38.6
229	21.3	16.6	25.0

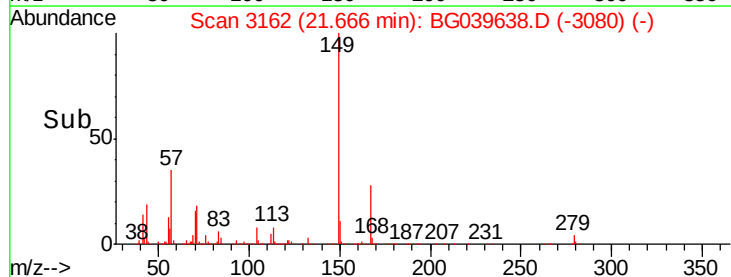
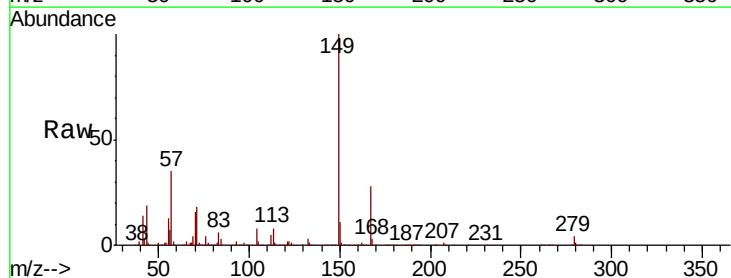
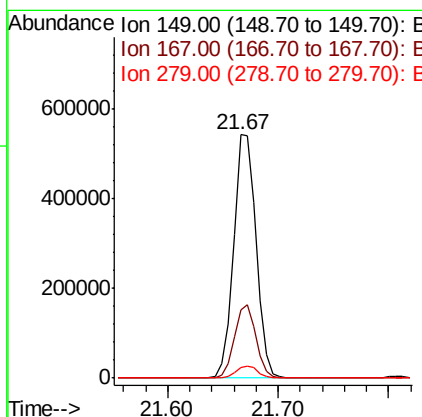
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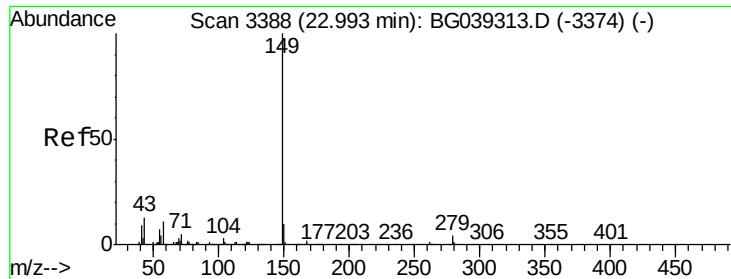
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.400 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.05 min
 Lab File: BG039638.D
 Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	4.3	3.5	5.3





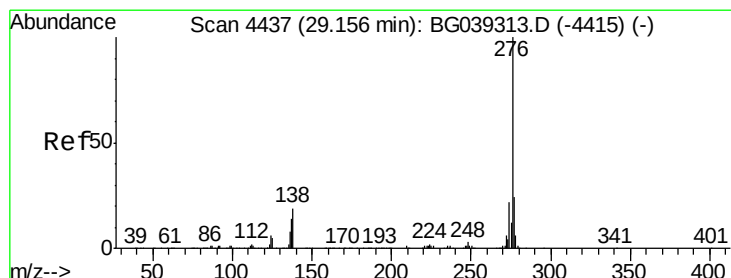
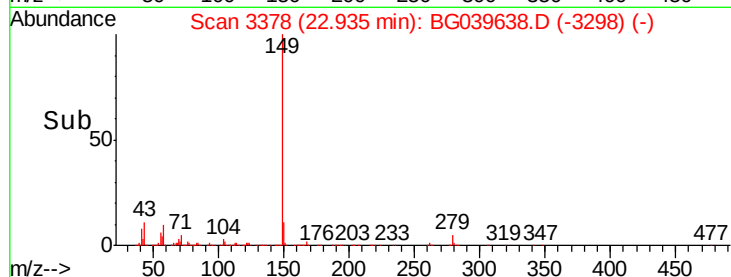
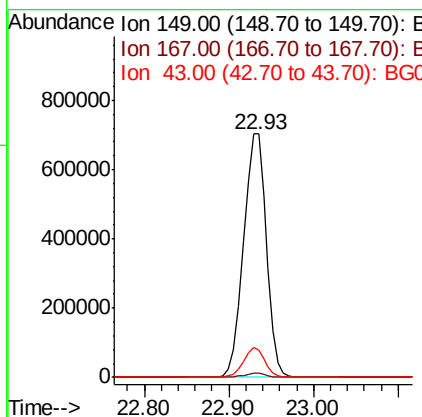
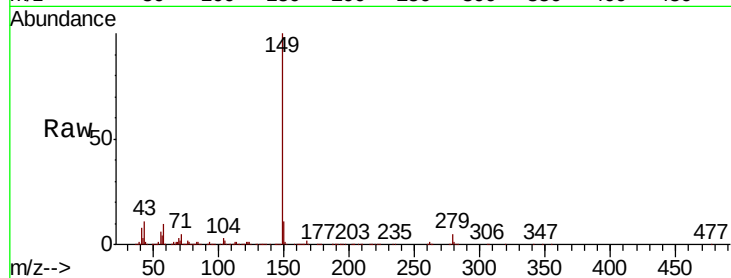
#85
Di-n-octyl phthalate
Concen: 42.557 ng
RT: 22.93 min Scan# 3378
Delta R.T. -0.06 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.4	10.2	15.4

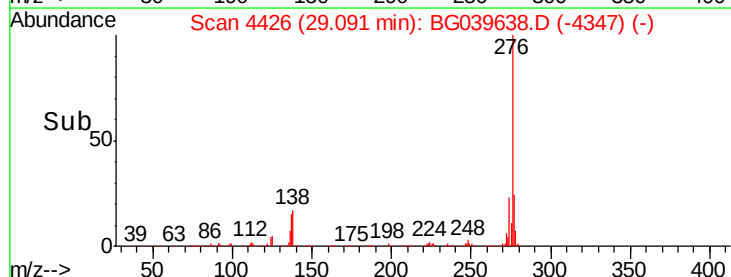
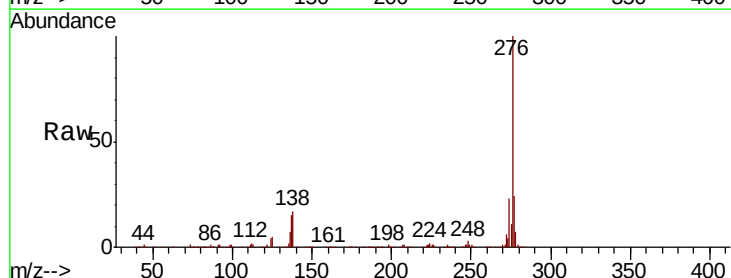
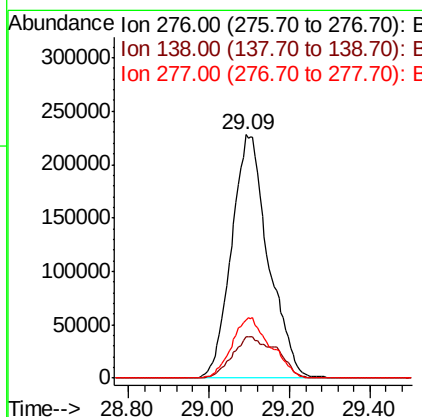
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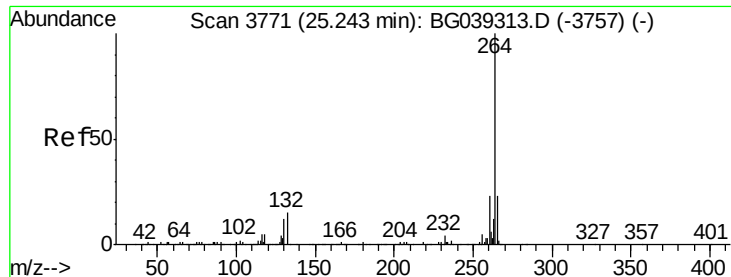
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.014 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.06 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	12.6	19.0
277	26.2	20.8	31.2





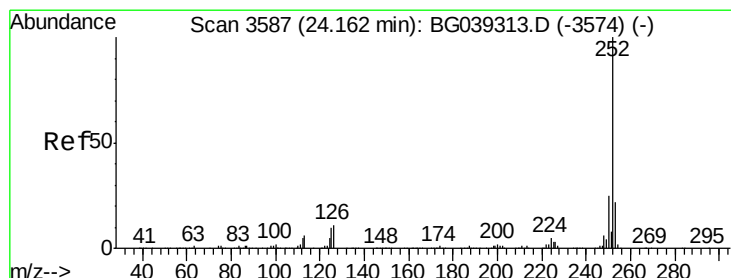
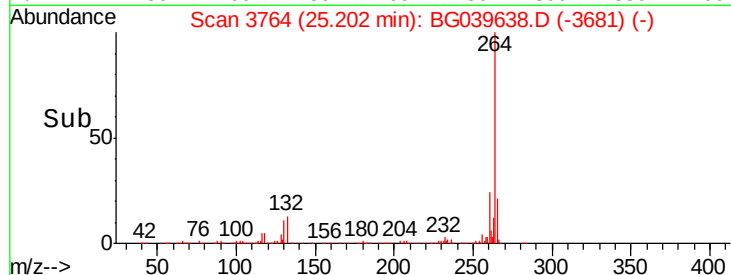
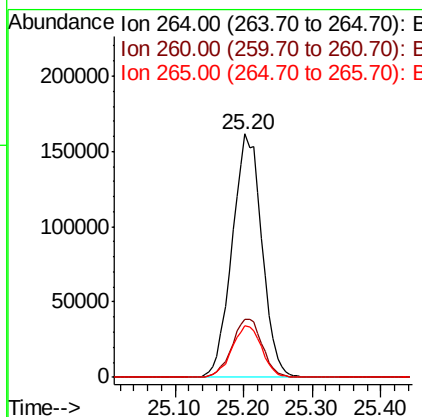
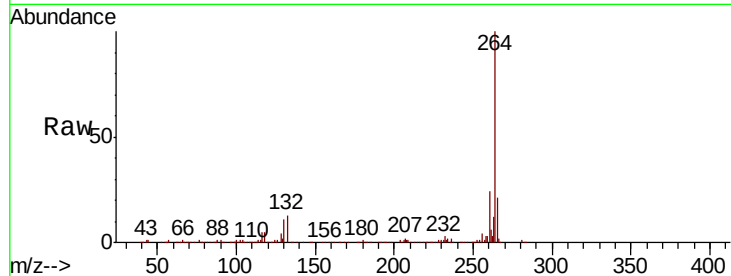
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	21.1	18.5	27.7

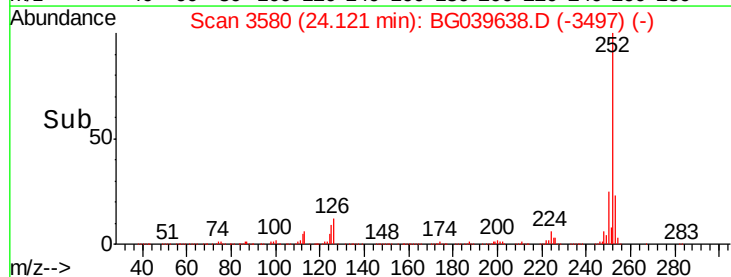
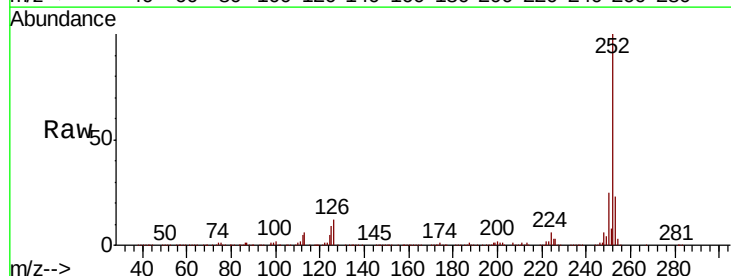
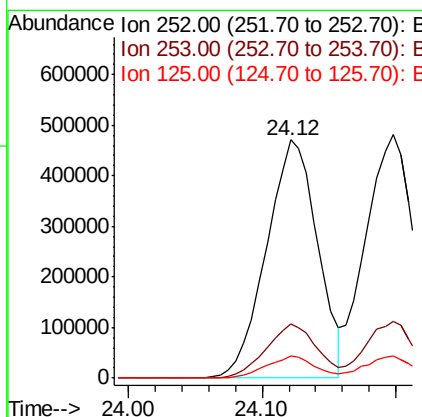
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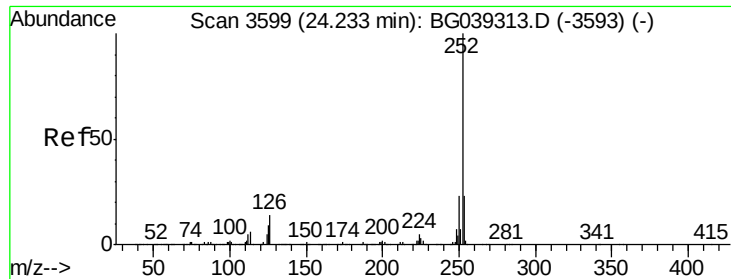
Sohil
2/28/2019 1:32:05 PM



#88
Benzo(b)fluoranthene
Concen: 46.974 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.04 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.2	7.8	11.6





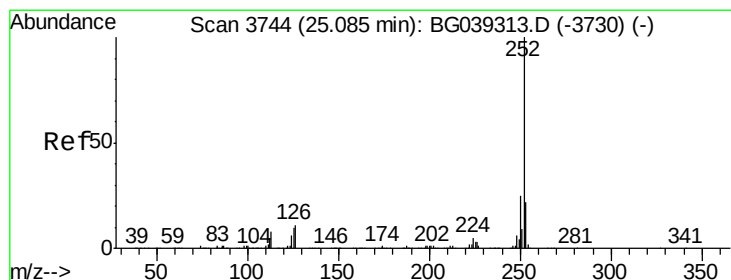
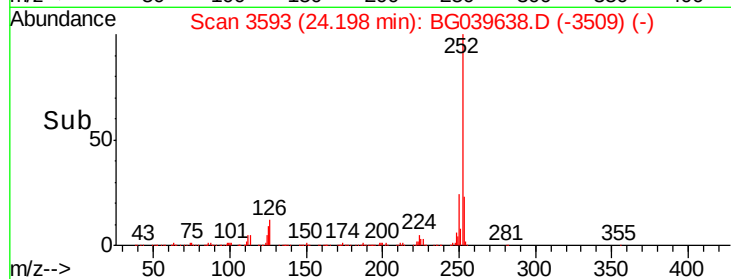
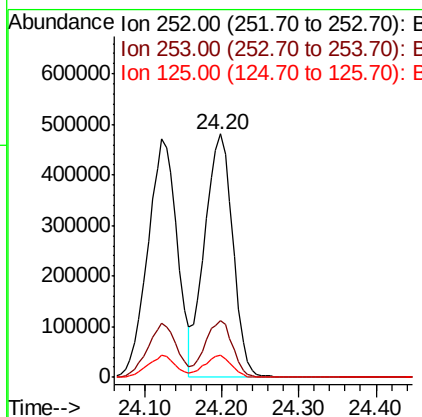
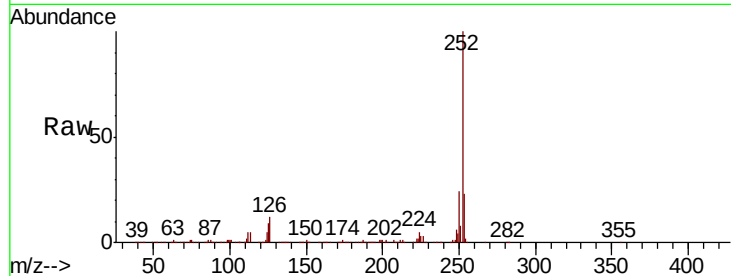
#89
Benzo(k)fluoranthene
Concen: 45.344 ng
RT: 24.20 min Scan# 3593
Delta R.T. -0.04 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	8.9	7.4	11.2

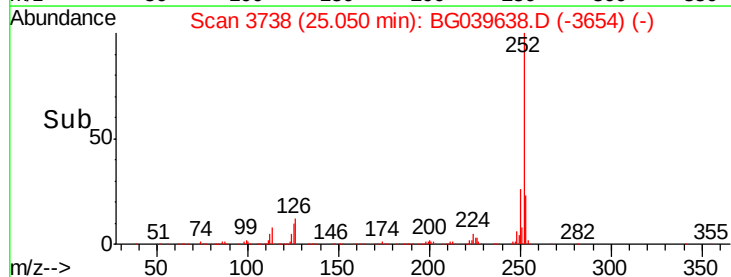
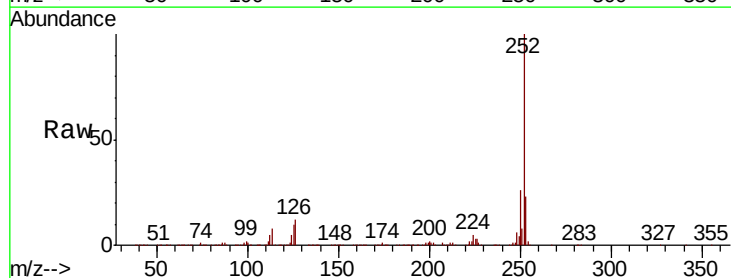
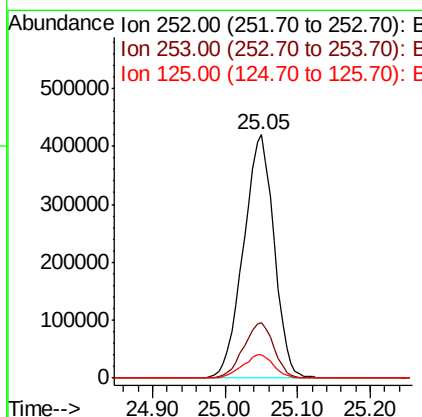
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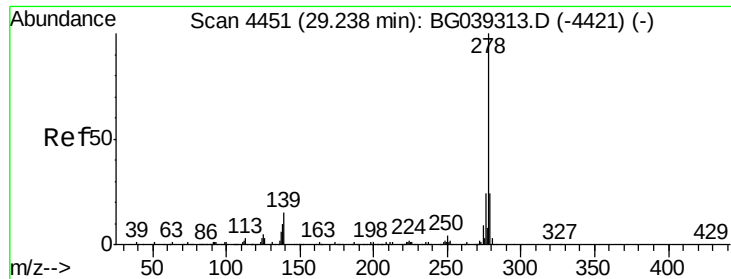
Sohil
2/28/2019 1:32:05 PM



#90
Benzo(a)pyrene
Concen: 48.035 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	9.7	8.3	12.5





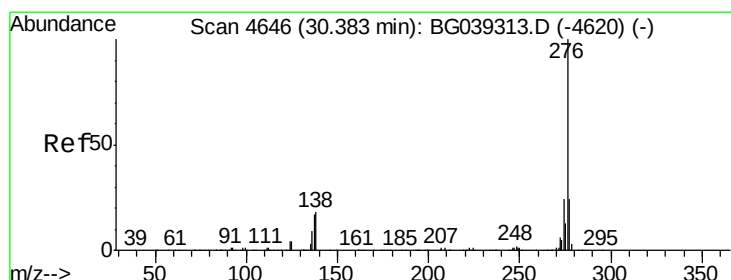
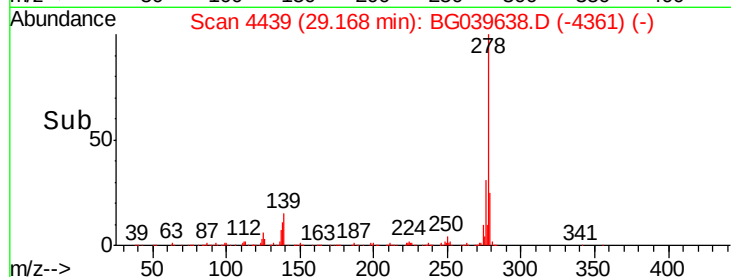
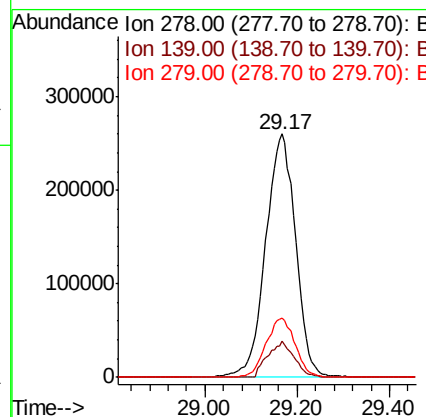
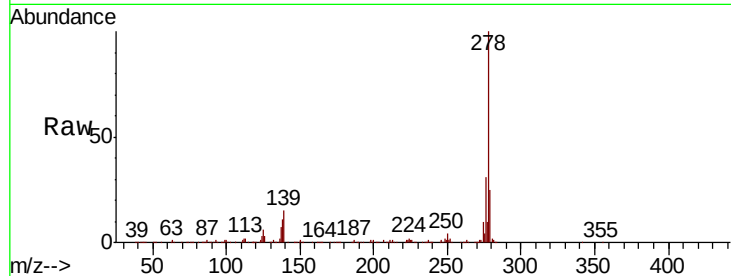
#91
Dibenzo(a,h)anthracene
Concen: 48.926 ng
RT: 29.17 min Scan# 4439
Delta R.T. -0.07 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB117428BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.7	17.5
279	24.6	19.1	28.7

Manual Integrations
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2/28/2019 1:32:05 PM



#92
Benzo(g,h,i)perylene
Concen: 50.127 ng
RT: 30.34 min Scan# 4638
Delta R.T. -0.05 min
Lab File: BG039638.D
Acq: 27 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.6	29.4
138	16.8	14.7	22.1

