

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039661.D
 Acq On : 28 Feb 2019 15:42
 Operator : JU/SJ
 Sample : PB117458BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117458BS

Manual Integrations
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Sohil
 3/1/2019 4:23:24 PM

Quant Time: Mar 01 06:14:01 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	52744	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	255109	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	196715	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	504401	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	382188	20.00	ng	-0.02
87) Perylene-d12	25.20	264	347172	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	523034	169.72	ng	0.00
7) Phenol-d6	7.31	99	772345	170.26	ng	0.00
23) Nitrobenzene-d5	9.34	82	378509	92.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	368815	174.11	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	993342	72.44	ng	-0.02
79) Terphenyl-d14	20.13	244	1528048	84.63	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	42133	31.255	ng	100
3) Pyridine	4.00	79	126837	35.538	ng	95
4) n-Nitrosodimethylamine	3.92	42	71643	40.138	ng	90
6) Aniline	7.49	93	176028	30.980	ng	99
8) 2-Chlorophenol	7.73	128	171546	50.925	ng	96
9) Benzaldehyde	7.31	77	47717	17.563	ng	96
10) Phenol	7.34	94	237155	50.153	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	154470	41.341	ng	96
12) 1,3-Dichlorobenzene	8.05	146	156706	38.401	ng	97
13) 1,4-Dichlorobenzene	8.20	146	162620	39.981	ng	98
14) 1,2-Dichlorobenzene	8.52	146	159328	40.464	ng	98
15) Benzyl Alcohol	8.40	79	164824	46.282	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	292675	34.686	ng	98
17) 2-Methylphenol	8.60	107	158634	51.840	ng	98
18) Hexachloroethane	9.25	117	57417	41.031	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	134564	41.795	ng	93
20) 3+4-Methylphenols	8.92	107	218884	51.944	ng	98
22) Acetophenone	8.99	105	253140	36.940	ng	# 95
24) Nitrobenzene	9.39	77	198648	45.028	ng	97
25) Isophorone	9.90	82	394829	43.631	ng	98
26) 2-Nitrophenol	10.09	139	102528	56.195	ng	97
27) 2,4-Dimethylphenol	10.13	122	189252	51.699	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	239833	43.028	ng	99
29) 2,4-Dichlorophenol	10.63	162	204479	51.109	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	186133	41.439	ng	96
31) Naphthalene	11.04	128	538074	42.516	ng	99
32) Benzoic acid	10.28	122	116357	48.440	ng	96
33) 4-Chloroaniline	11.15	127	152406	25.972	ng	96
34) Hexachlorobutadiene	11.30	225	116658	39.053	ng	95
35) Caprolactam	11.94	113	78795m	47.594	ng	
36) 4-Chloro-3-methylphenol	12.25	107	234533	50.689	ng	100
37) 2-Methylnaphthalene	12.63	142	435252	46.434	ng	97
38) 1-Methylnaphthalene	12.85	142	416012	46.041	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	243001	38.825	ng	99

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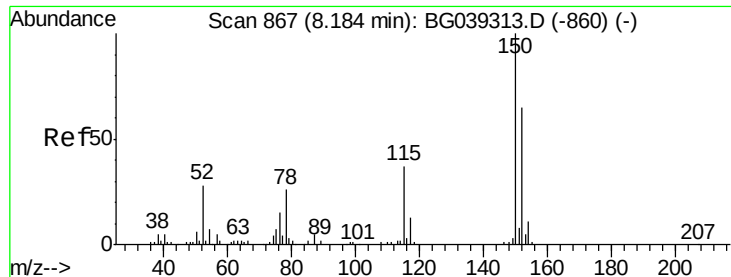
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	264150	77.450	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	180602	46.930	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	196316	48.673	ng	98
46) 1,1'-Biphenyl	13.62	154	604383	36.927	ng	99
47) 2-Chloronaphthalene	13.68	162	474686	38.553	ng	99
48) 2-Nitroaniline	13.88	65	173295	48.823	ng	94
49) Acenaphthylene	14.52	152	777884	41.869	ng	99
50) Dimethylphthalate	14.24	163	663797	41.781	ng	99
51) 2,6-Dinitrotoluene	14.37	165	154971	51.618	ng	96
52) Acenaphthene	14.86	154	475724	39.447	ng	99
53) 3-Nitroaniline	14.70	138	113251	36.874	ng	# 94
54) 2,4-Dinitrophenol	14.90	184	125619	90.080	ng	93
55) Dibenzofuran	15.19	168	795306	41.131	ng	99
56) 4-Nitrophenol	15.00	139	238119	82.684	ng	89
57) 2,4-Dinitrotoluene	15.15	165	222955	56.887	ng	85
58) Fluorene	15.84	166	634492	44.018	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	199858	52.922	ng	96
60) Diethylphthalate	15.59	149	694577	42.284	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	341806	41.879	ng	98
62) 4-Nitroaniline	15.87	138	154790	46.596	ng	92
63) Azobenzene	16.11	77	606722	37.789	ng	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	113943	54.416	ng	97
66) n-Nitrosodiphenylamine	16.04	169	595256	38.811	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	230632	41.215	ng	97
68) Hexachlorobenzene	16.83	284	236935	42.203	ng	93
69) Atrazine	16.98	200	240840	42.970	ng	98
70) Pentachlorophenol	17.18	266	261521	67.022	ng	99
71) Phenanthrene	17.58	178	1053246	40.344	ng	98
72) Anthracene	17.67	178	1067080	41.497	ng	97
73) Carbazole	17.94	167	889533	34.662	ng	99
74) Di-n-butylphthalate	18.47	149	1146262	38.286	ng	98
75) Fluoranthene	19.58	202	1114545	36.782	ng	99
77) Benzidine	19.76	184	272406	21.740	ng	98
78) Pyrene	19.94	202	1086452	45.664	ng	98
80) Butylbenzylphthalate	20.80	149	409585	40.810	ng	97
81) Benzo(a)anthracene	21.81	228	961515	42.576	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	258211	30.836	ng	100
83) Chrysene	21.88	228	898007	41.772	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	566590	39.571	ng	99
85) Di-n-octyl phthalate	22.93	149	971311	41.061	ng	95
86) Indeno(1,2,3-cd)pyrene	29.09	276	1062967	46.085	ng	# 96
88) Benzo(b)fluoranthene	24.12	252	943435	49.830	ng	99
89) Benzo(k)fluoranthene	24.19	252	893310	46.995	ng	98
90) Benzo(a)pyrene	25.04	252	910982	49.960	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	862404	50.503	ng	97
92) Benzo(g,h,i)perylene	30.31	276	870321	51.134	ng	98

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



#1

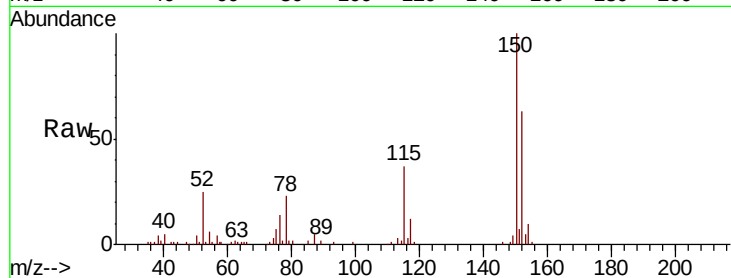
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.7	185.5
115	58.6	45.9	68.9

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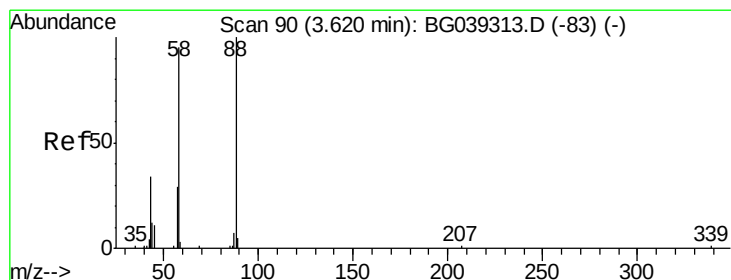
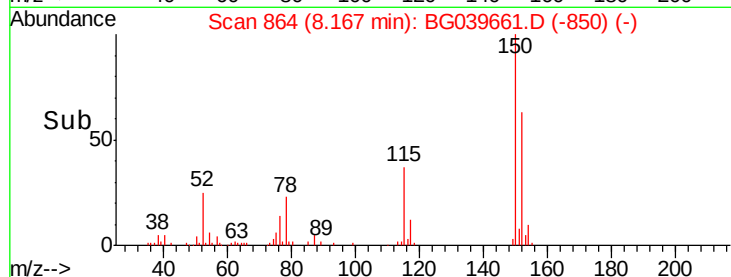
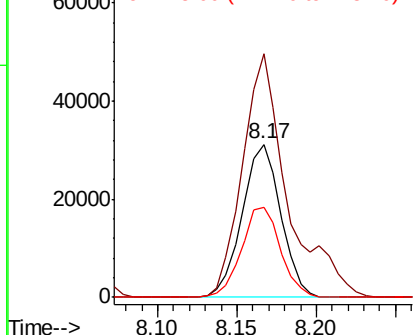


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

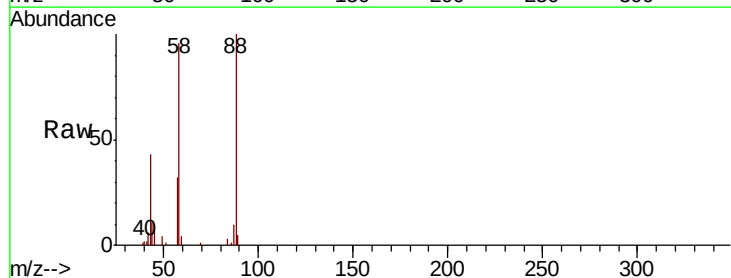
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.255 ng
RT: 3.60 min Scan# 86
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.1	81.1	121.7
43	38.7	31.4	47.0

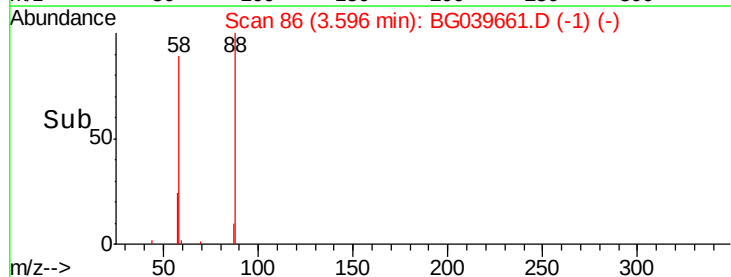
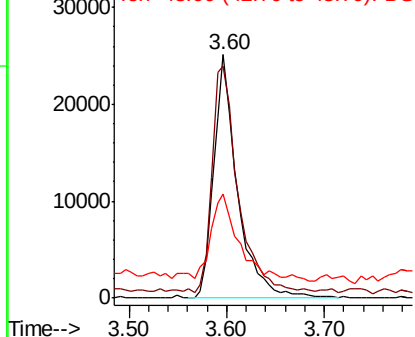


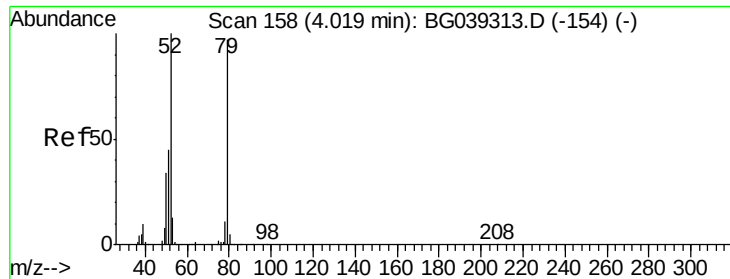
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.538 ng

RT: 4.00 min Scan# 154

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

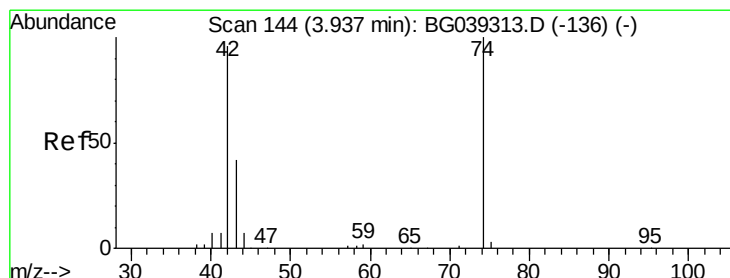
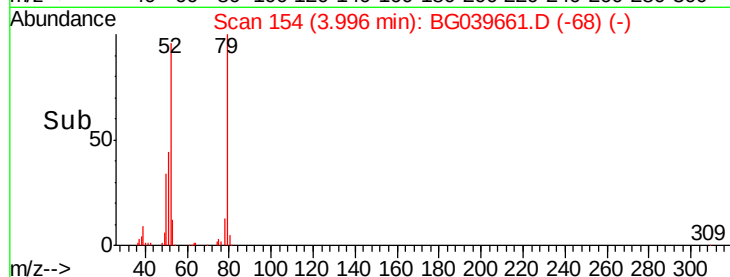
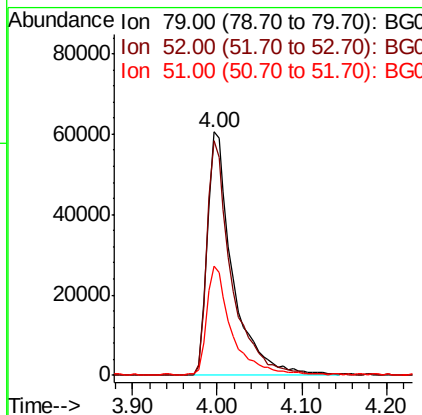
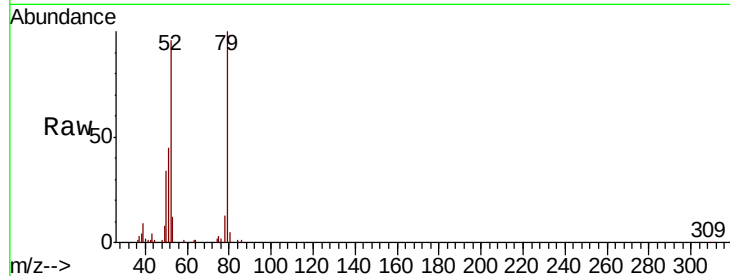
ClientSampleId :

PB117458BS

Tot Ion:	79	Resp:	126837
Ion	Ratio	Lower	Upper
79	100		
52	96.5	82.6	124.0
51	45.1	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 40.138 ng

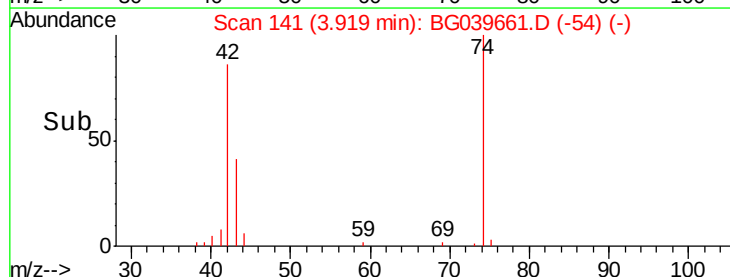
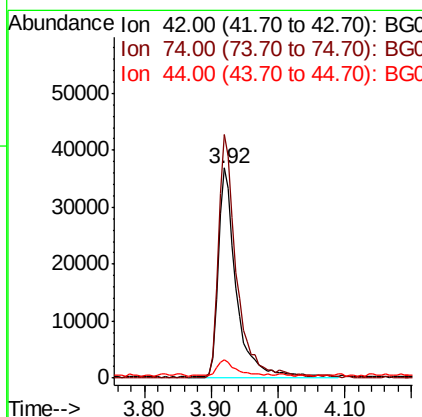
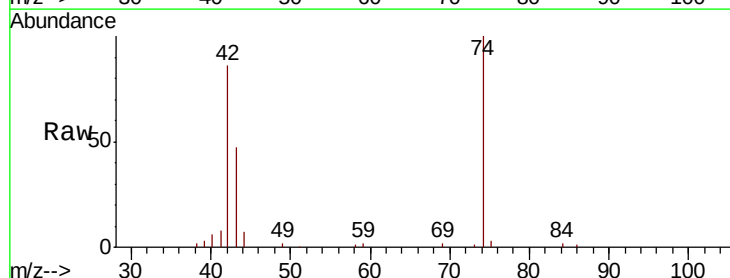
RT: 3.92 min Scan# 141

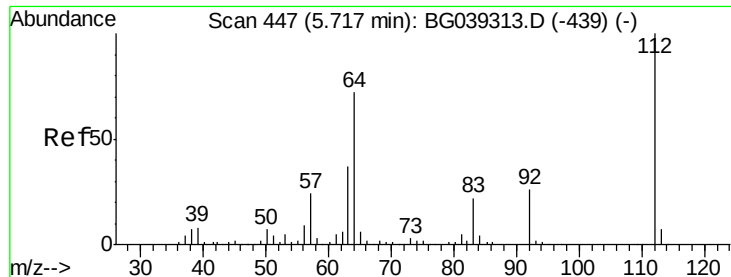
Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Tgt Ion:	42	Resp:	71643
Ion	Ratio	Lower	Upper
42	100		
74	116.1	83.6	125.4
44	8.5	6.9	10.3





#5

2-Fluorophenol

Concen: 169.721 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

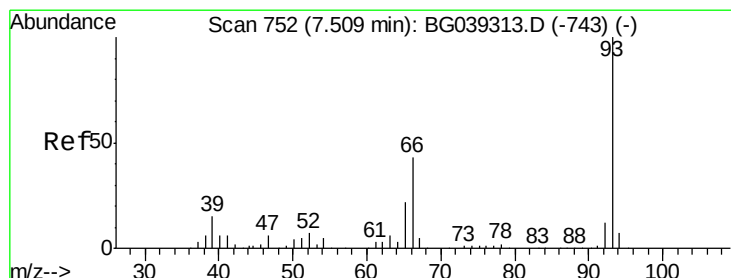
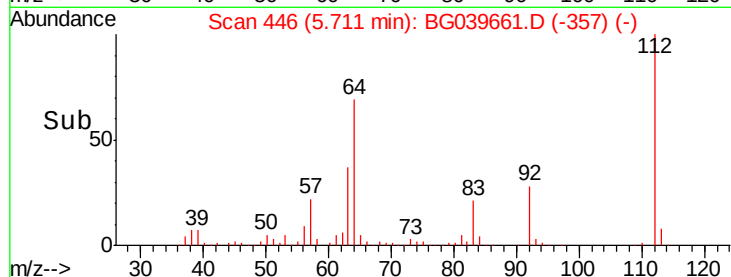
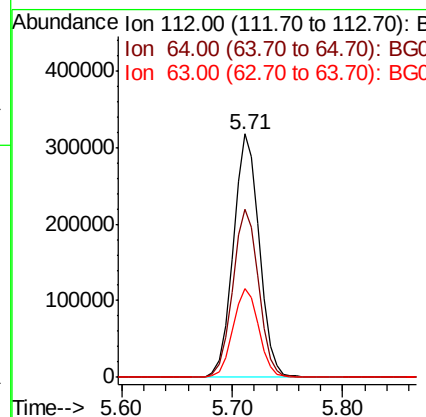
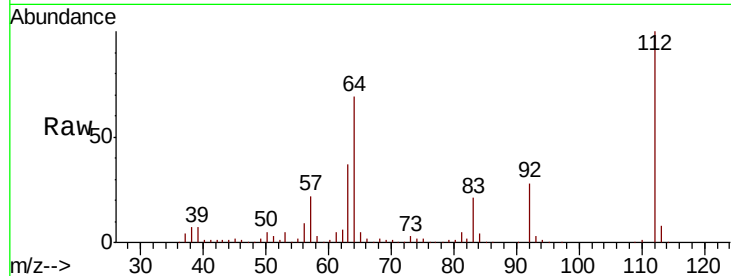
ClientSampleId :

PB117458BS

Tot Ion:	112	Resp:	523034
Ion Ratio	Lower	Upper	
112	100		
64	68.9	57.8	86.8
63	36.5	29.8	44.6

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#6

Aniline

Concen: 30.980 ng

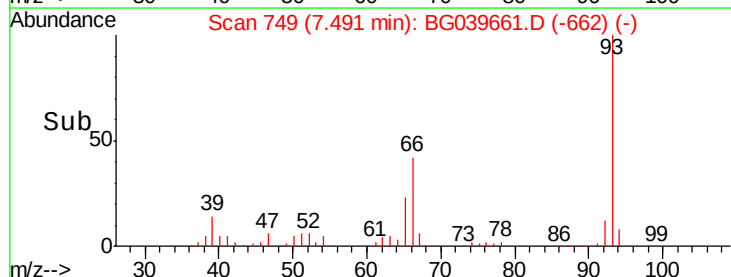
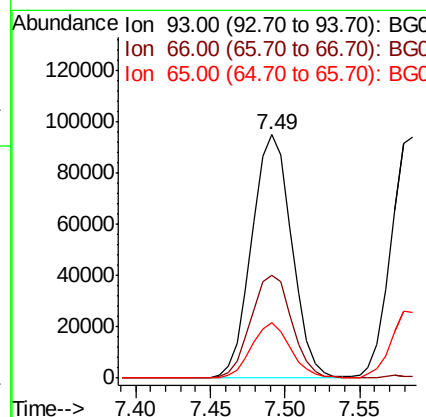
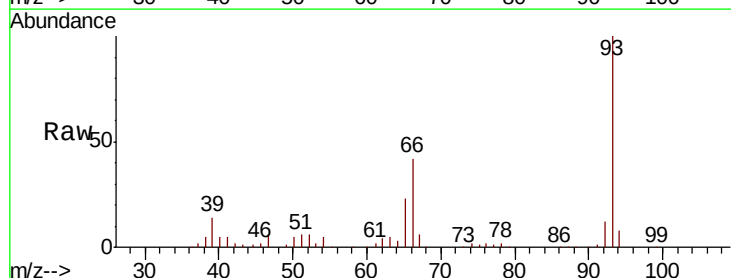
RT: 7.49 min Scan# 749

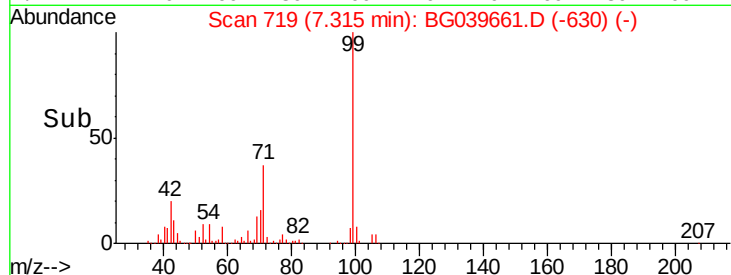
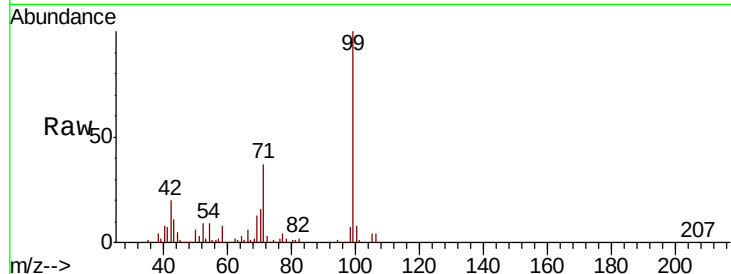
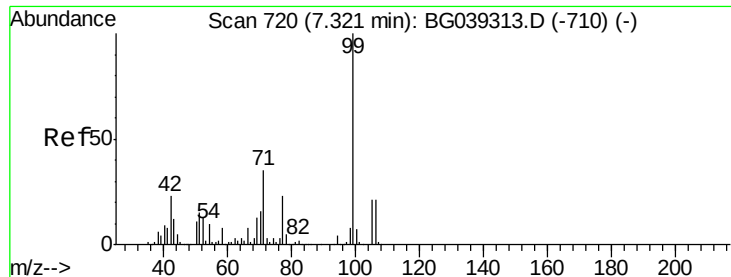
Delta R.T. -0.02 min

Lab File: BG039661.D

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Tgt Ion:	93	Resp:	176028
Ion Ratio	Lower	Upper	
93	100		
66	42.5	34.2	51.4
65	22.7	17.7	26.5





#7

Phenol-d6

Concen: 170.262 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		772345		
42	20.1	18.2	27.2		
71	36.6	28.0	42.0		

Instrument :

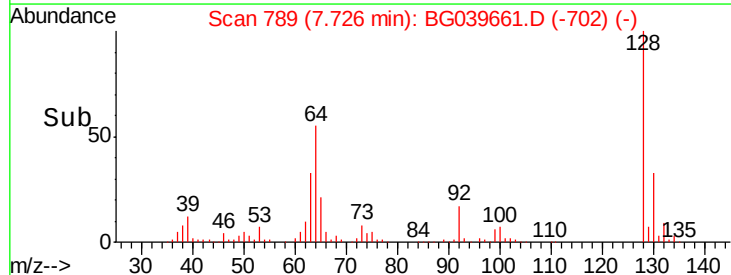
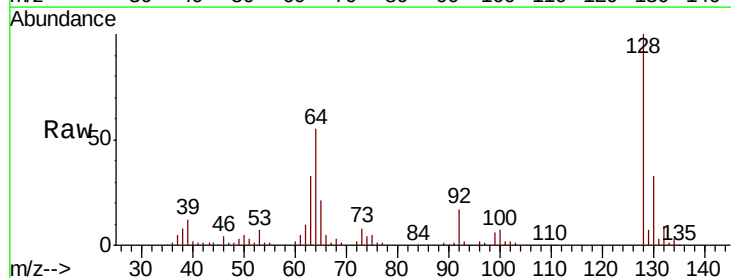
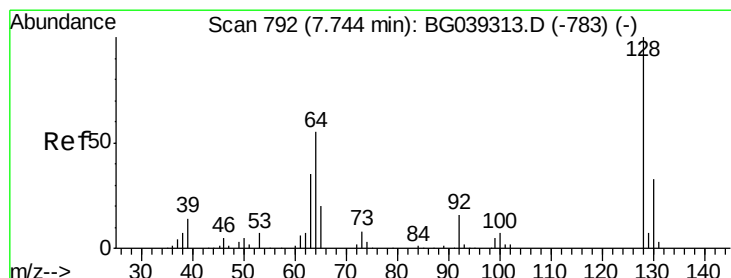
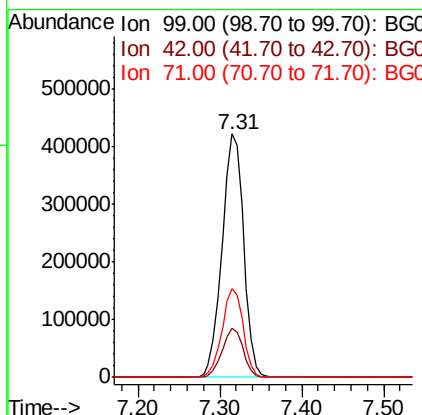
BNA_G

ClientSampled :

PB117458BS

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#8

2-Chlorophenol

Concen: 50.925 ng

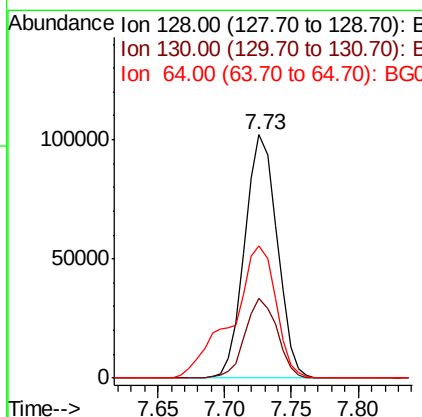
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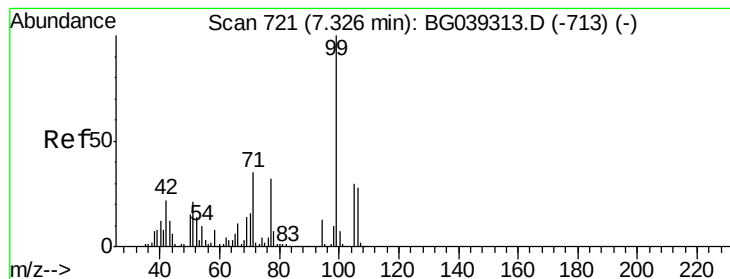
Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		171546		
130	32.7	12.9	52.9		
64	54.5	38.7	78.7		





#9

Benzaldehyde

Concen: 17.563 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

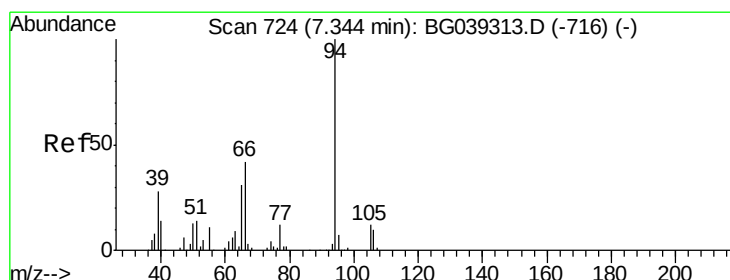
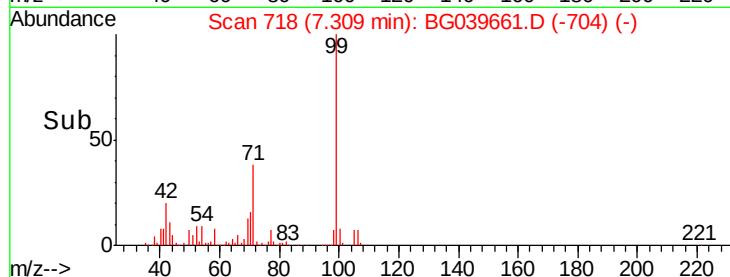
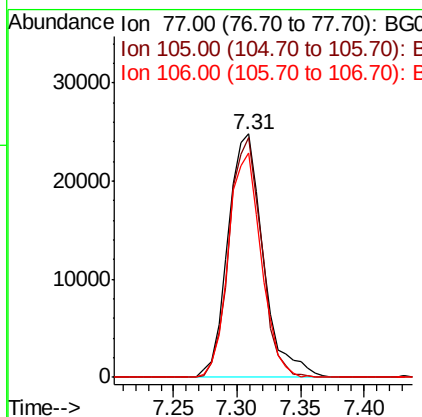
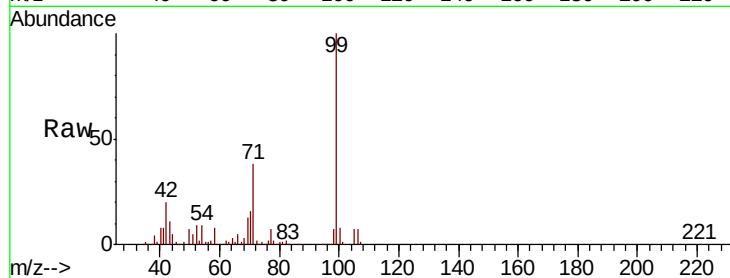
ClientSampleId :

PB117458BS

Tot Ion:	77	Resp:	47717
Ion	Ratio	Lower	Upper
77	100		
105	98.6	74.5	114.5
106	92.0	68.0	108.0

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#10

Phenol

Concen: 50.153 ng

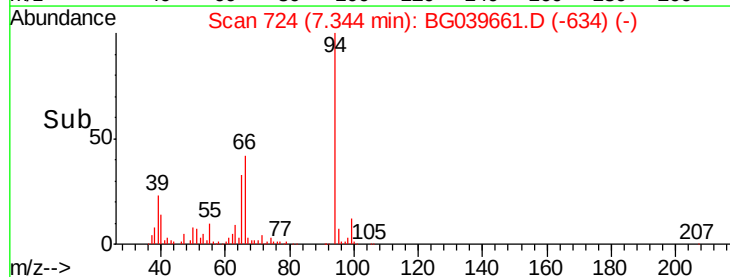
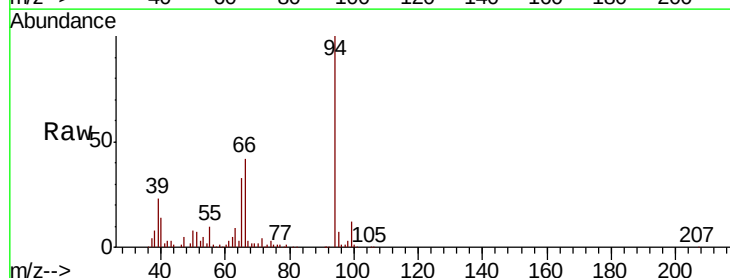
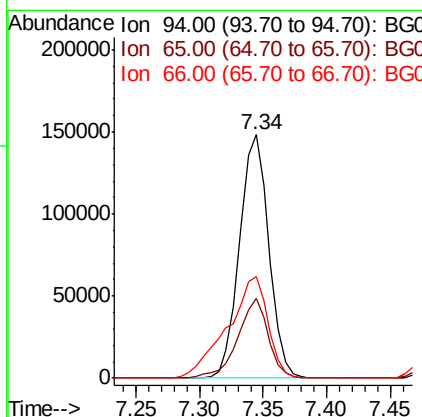
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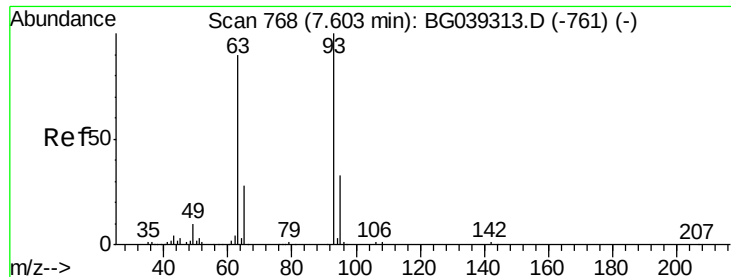
Delta R.T. 0.00 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Tgt Ion:	94	Resp:	237155
Ion	Ratio	Lower	Upper
94	100		
65	32.8	11.7	51.7
66	41.5	23.7	63.7





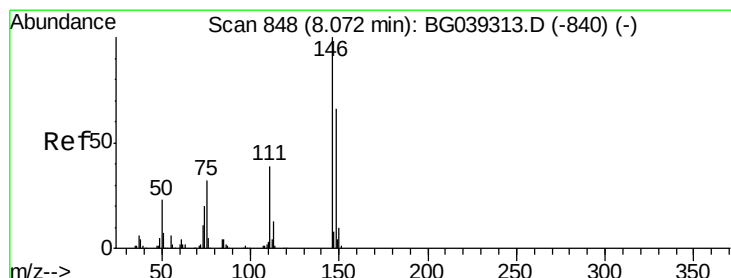
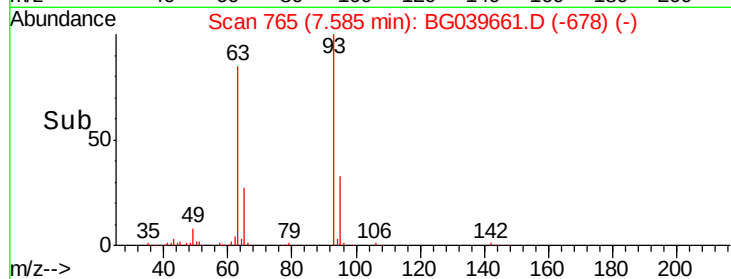
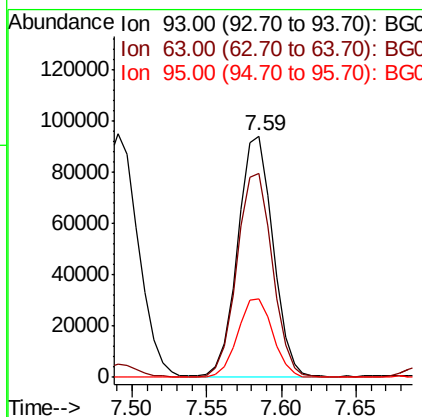
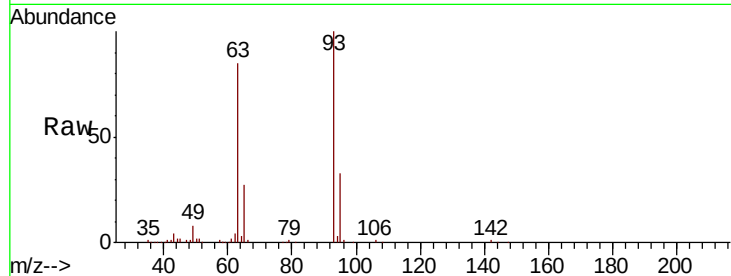
#11
bis(2-Chloroethyl)ether
Concen: 41.341 ng
RT: 7.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.6	69.5	109.5
95	32.7	12.7	52.7

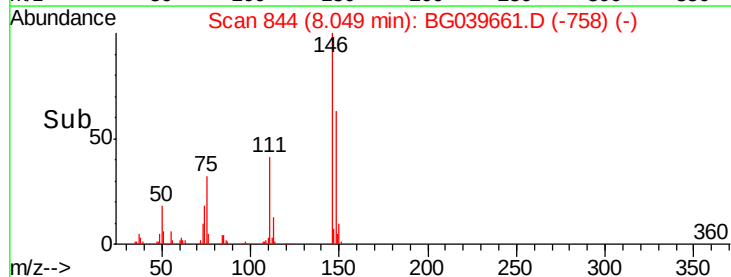
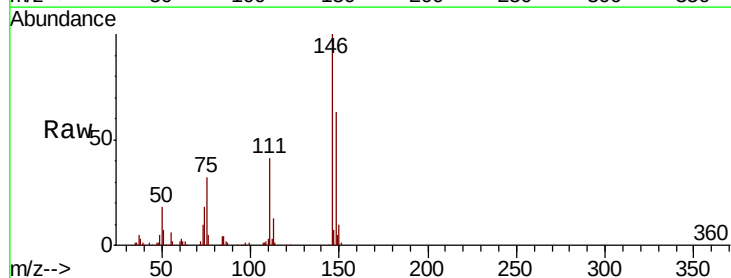
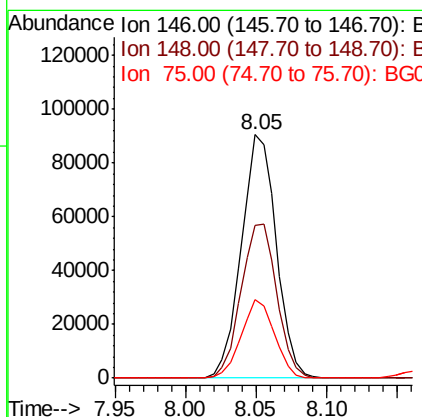
Manual Integrations
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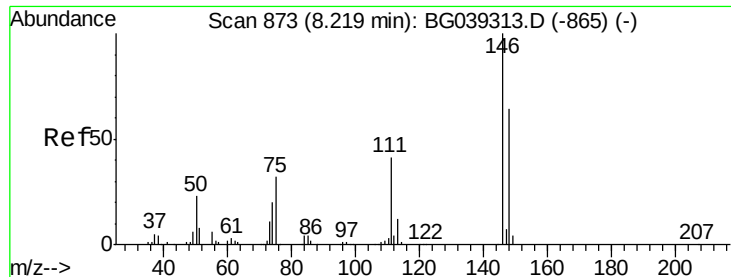
Sohil
3/1/2019 4:23:24 PM



#12
1,3-Dichlorobenzene
Concen: 38.401 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.6	79.0
75	32.0	25.8	38.6





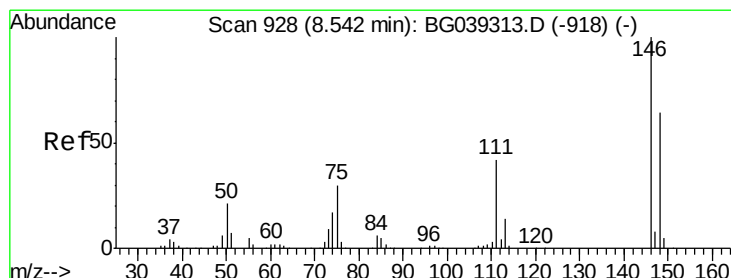
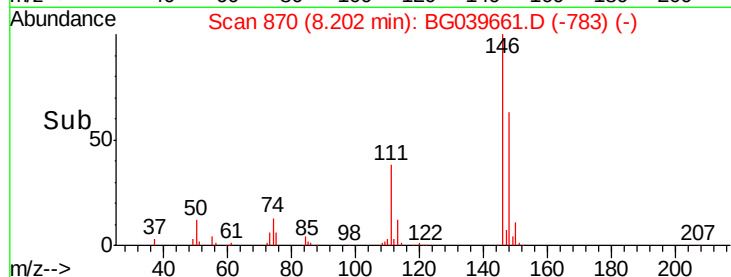
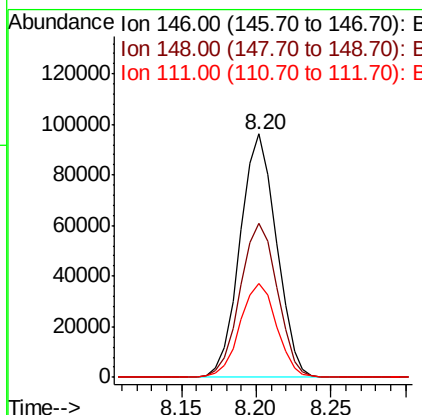
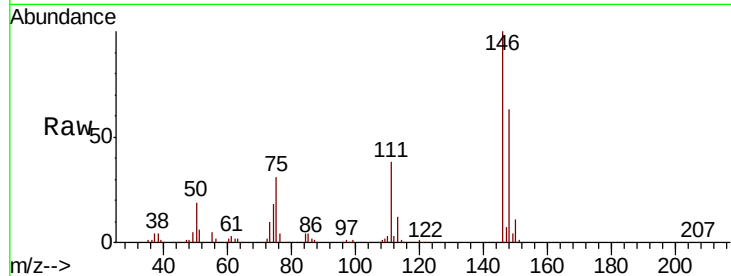
#13
 1,4-Dichlorobenzene
 Concen: 39.981 ng
 RT: 8.20 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Instrument :
 BNA_G
 ClientSampleId :
 PB117458BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	38.3	32.6	48.8

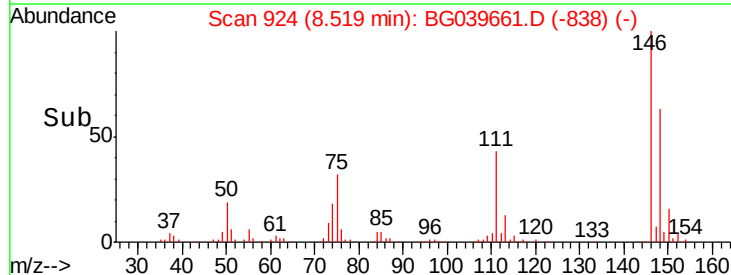
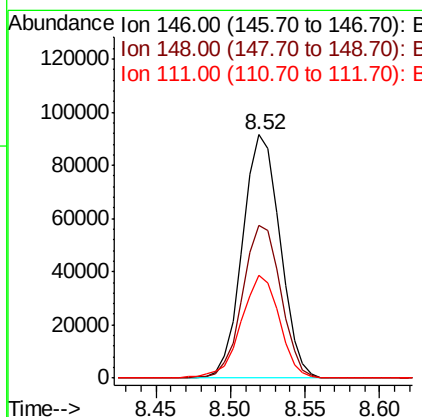
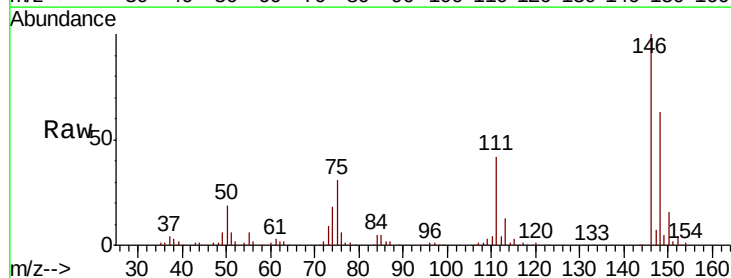
Manual Integrations
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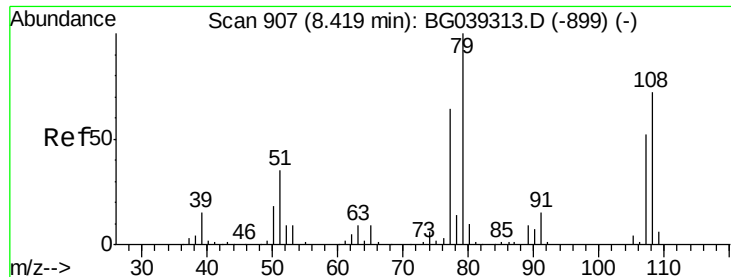
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#14
 1,2-Dichlorobenzene
 Concen: 40.464 ng
 RT: 8.52 min Scan# 924
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.5	77.3
111	42.5	33.8	50.6





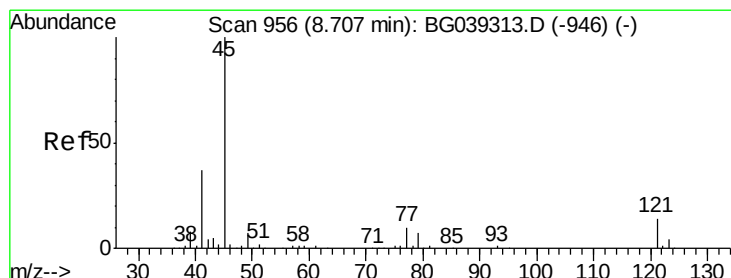
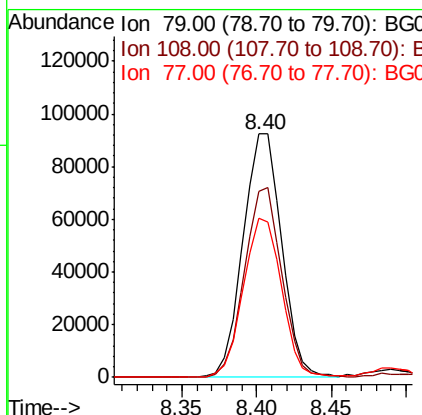
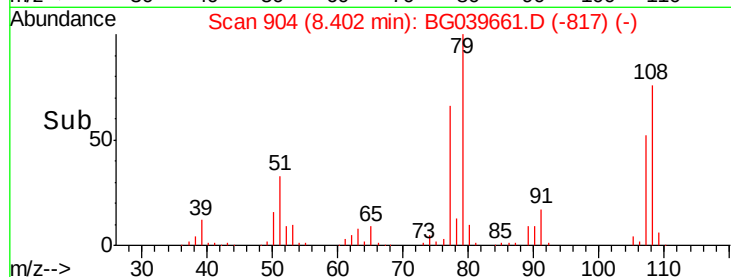
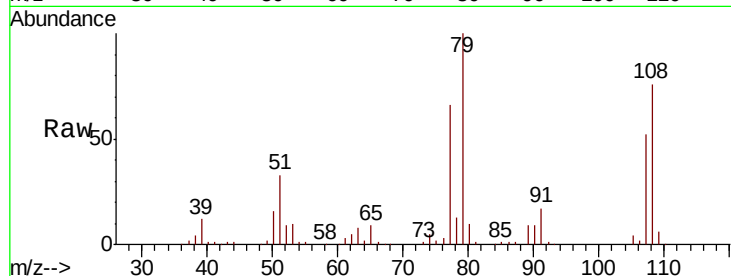
#15
Benzyl Alcohol
Concen: 46.282 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.4	57.8	86.6
77	65.6	51.1	76.7

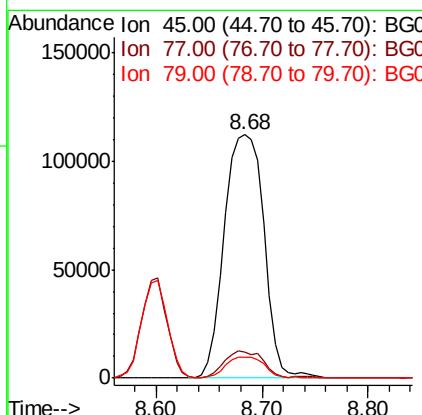
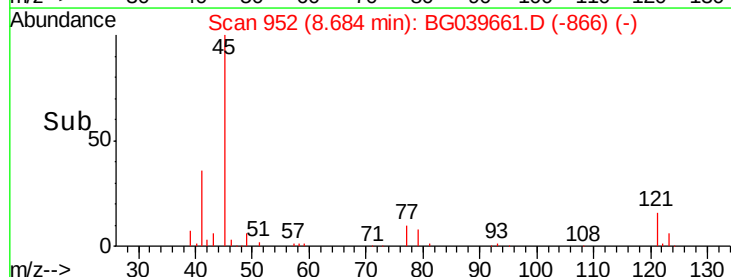
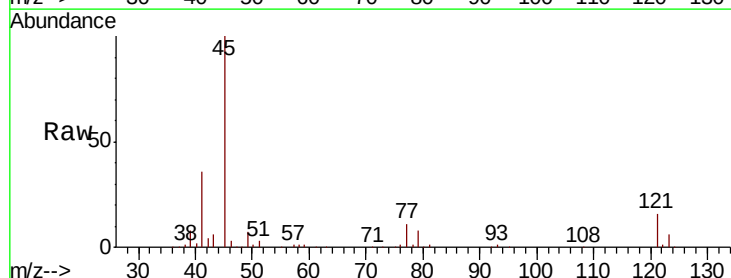
Manual Integrations
APPROVED

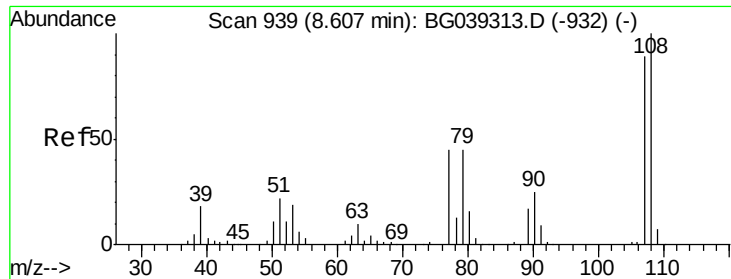
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.686 ng
RT: 8.68 min Scan# 952
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	30.0
79	8.4	0.0	27.5





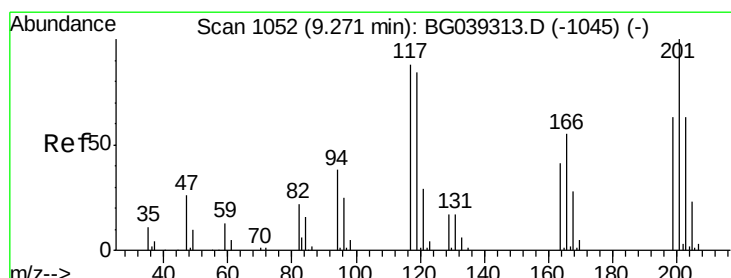
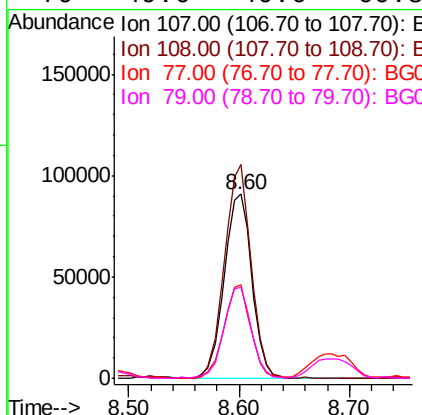
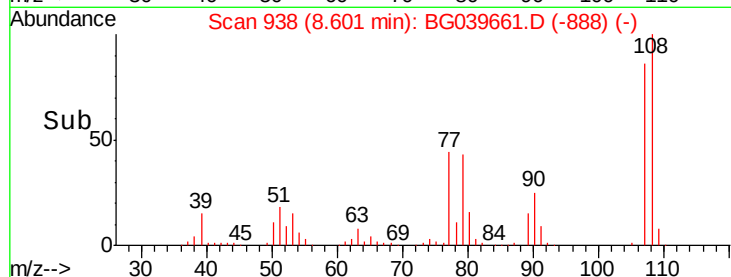
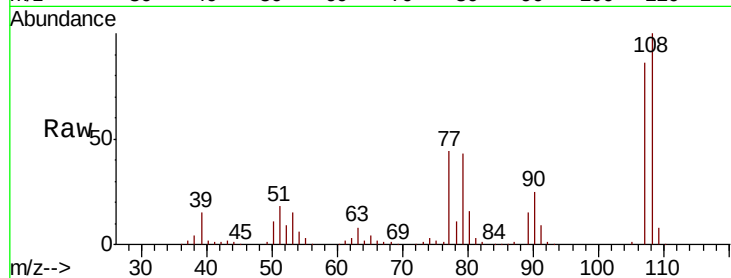
#17
2-Methylphenol
Concen: 51.840 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.2	90.8	136.2	
77	50.8	40.7	61.1	
79	49.6	40.6	60.8	

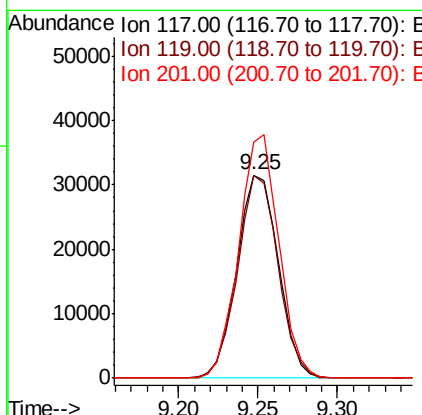
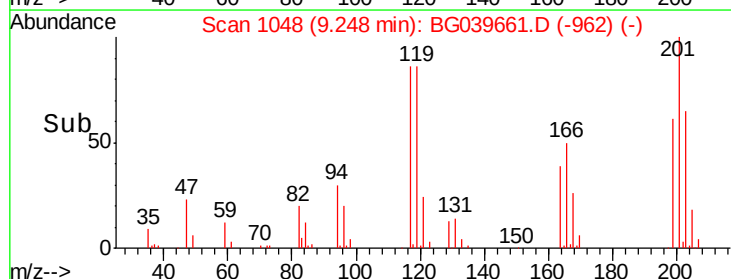
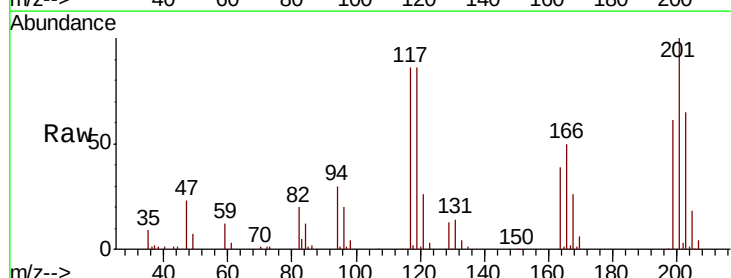
Manual Integrations
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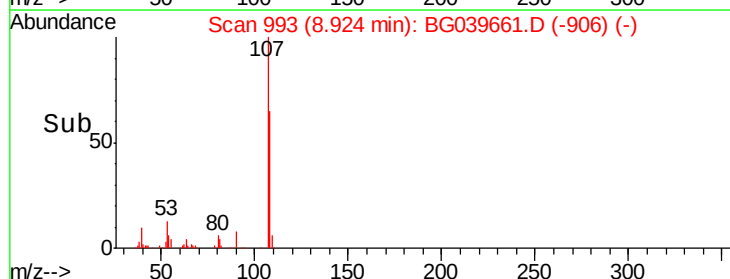
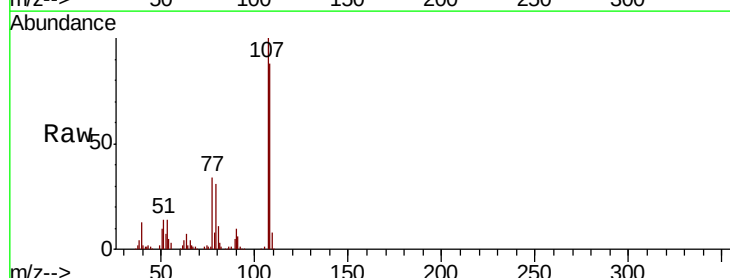
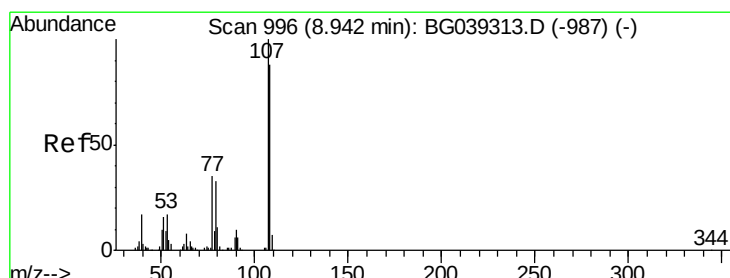
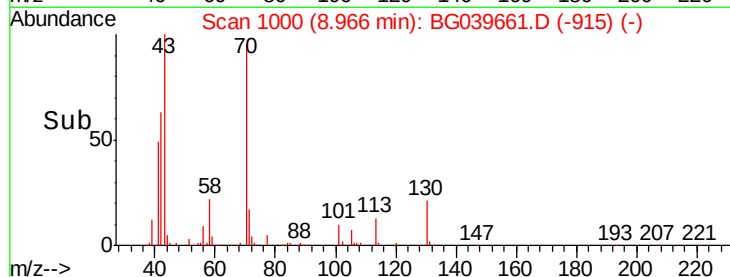
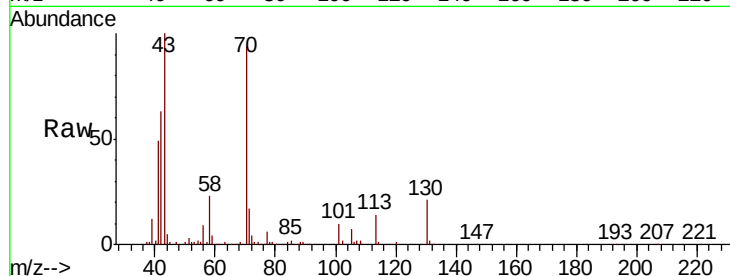
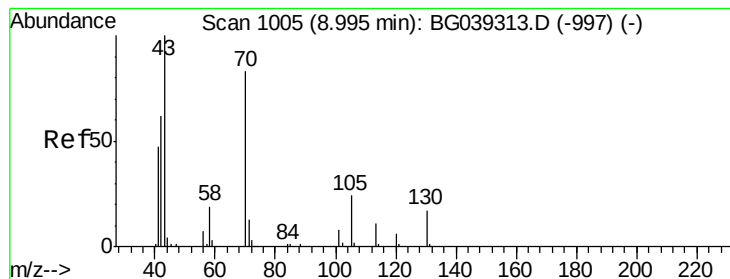
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#18
Hexachloroethane
Concen: 41.031 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.9	76.3	114.5	
201	116.2	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 41.795 ng

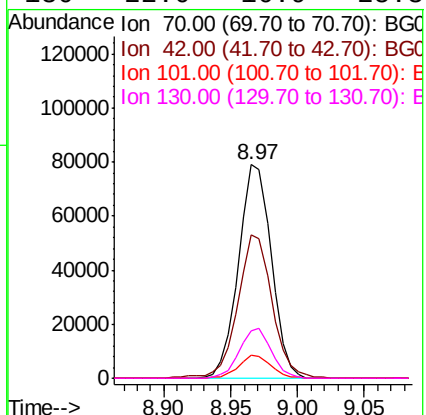
RT: 8.97 min Scan# 1000

Delta R.T. -0.03 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.3	60.4	90.6	
101	10.7	7.5	11.3	
130	22.0	16.9	25.3	



Instrument :

BNA_G

ClientSampleId :

PB117458BS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 51.944 ng

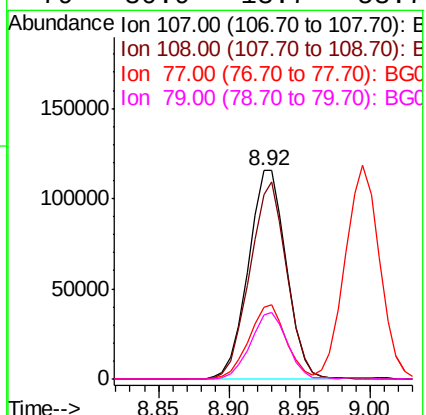
RT: 8.92 min Scan# 993

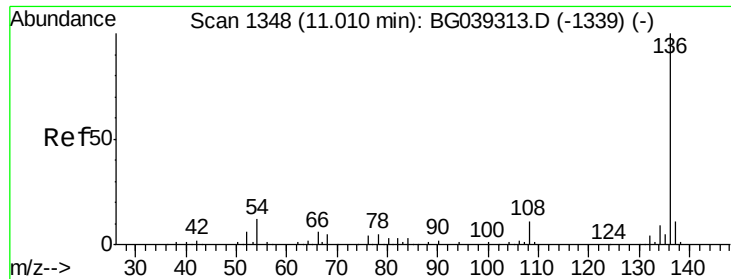
Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	67.9	107.9	
77	34.4	15.4	55.4	
79	30.9	13.7	53.7	





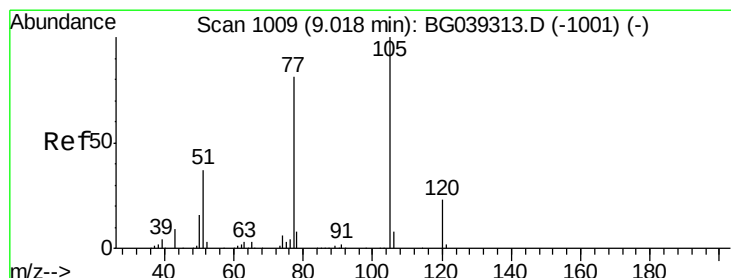
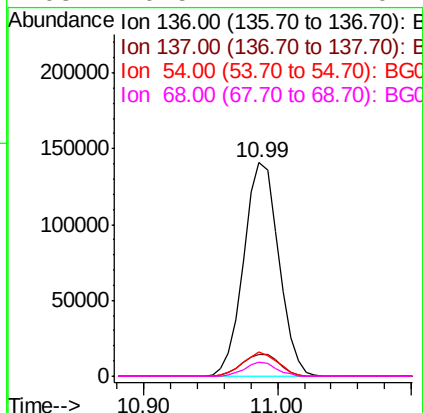
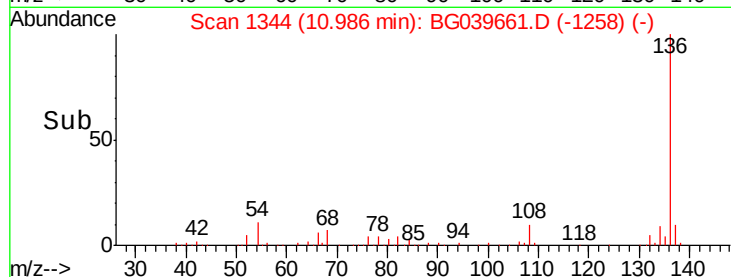
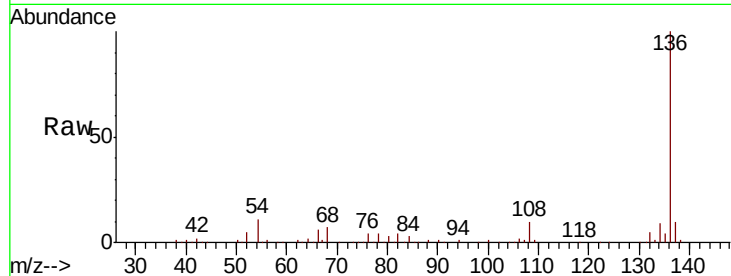
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	255109		
137	10.2		9.1	13.7
54	11.4		9.4	14.2
68	6.5		4.2	6.4#

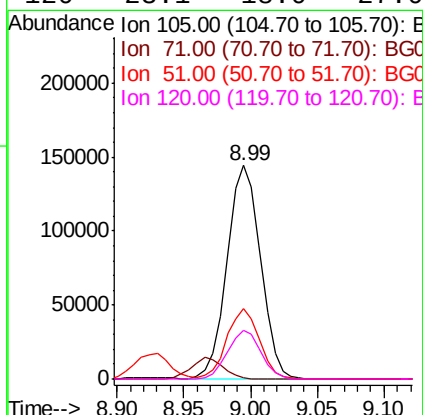
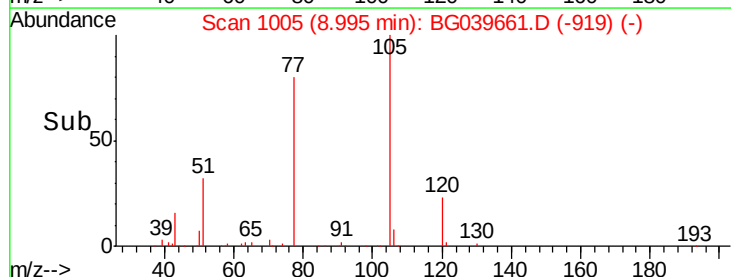
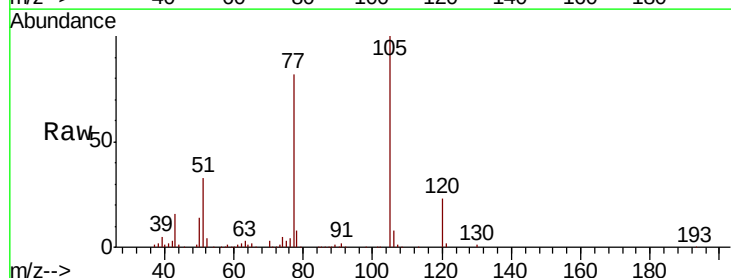
Manual Integrations
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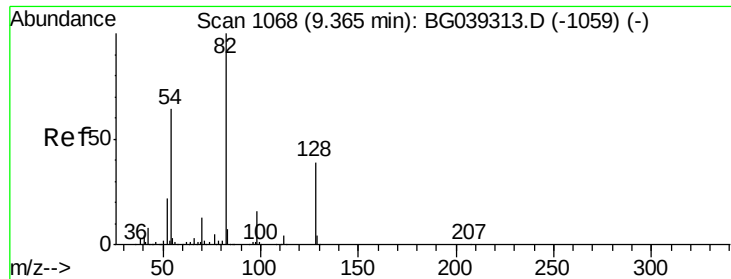
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#22
Acetophenone
Concen: 36.940 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	253140		
71	0.5		0.8	1.2#
51	32.9		30.2	45.2
120	23.1		18.0	27.0





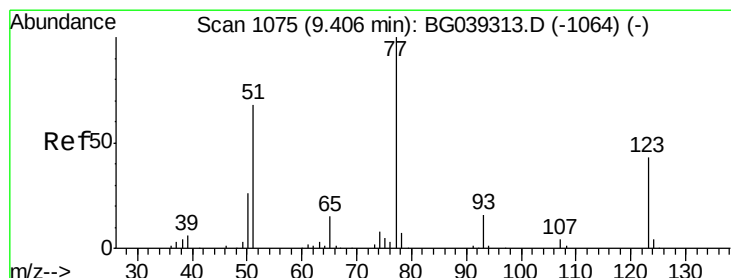
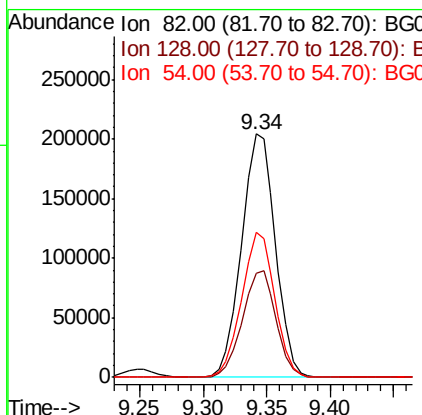
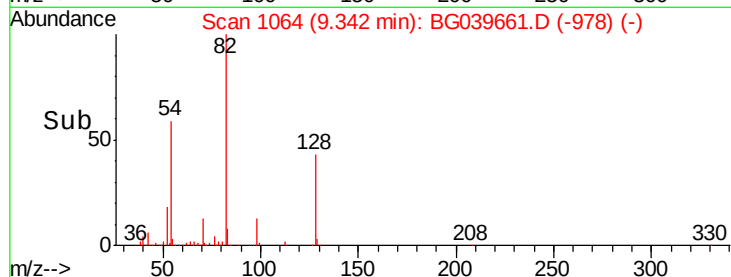
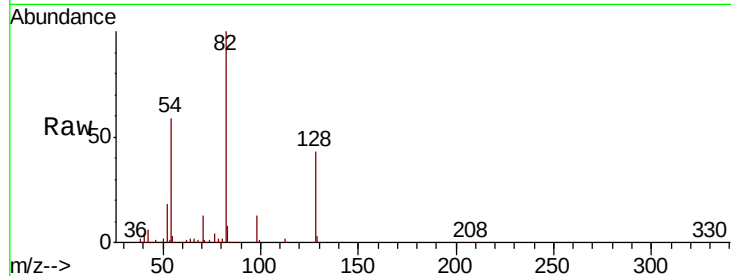
#23
Nitrobenzene-d5
Concen: 92.690 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampled :
PB117458BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.6	31.3	46.9	
54	59.3	50.9	76.3	

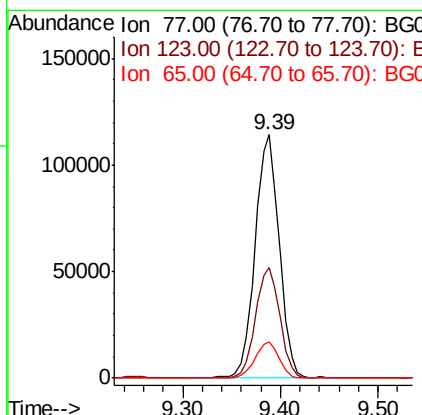
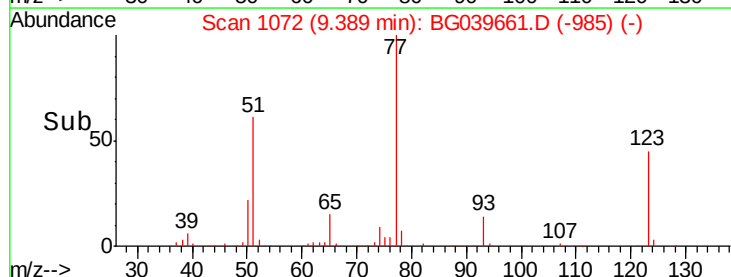
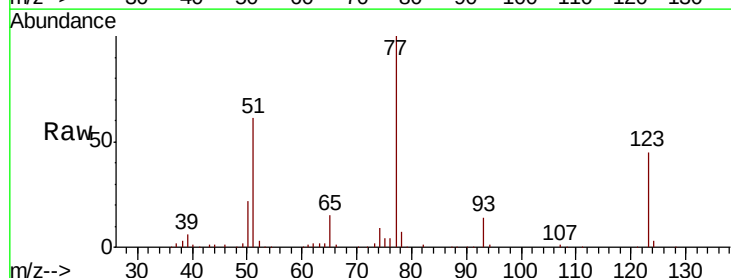
Manual Integrations
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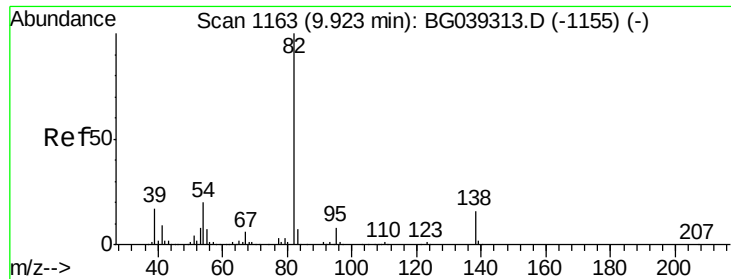
Sohil
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#24
Nitrobenzene
Concen: 45.028 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.2	34.1	51.1	
65	14.8	12.3	18.5	





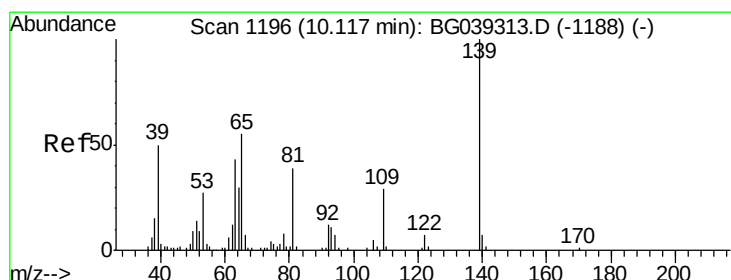
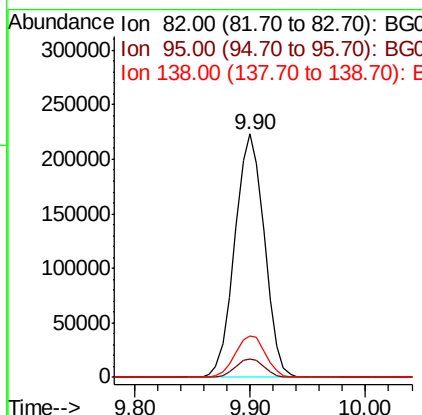
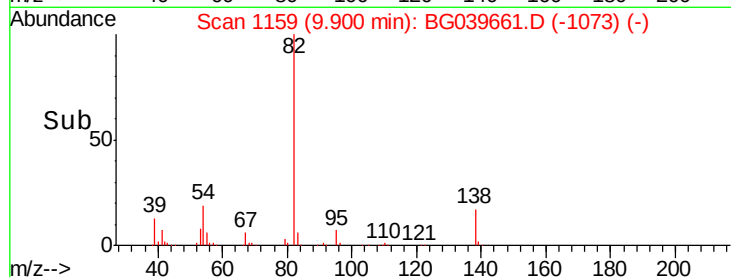
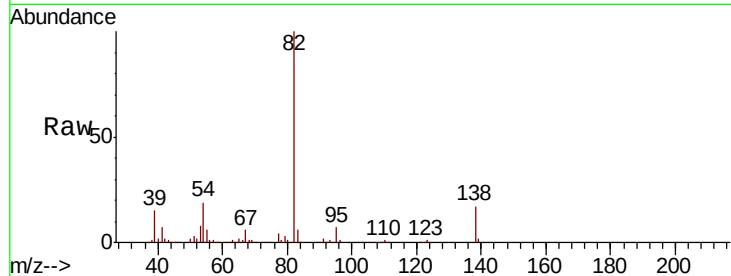
#25
Isophorone
Concen: 43.631 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	394829		
95	7.4		6.2	9.2
138	17.3		13.0	19.4

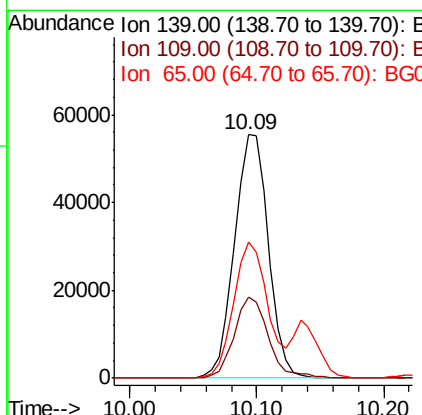
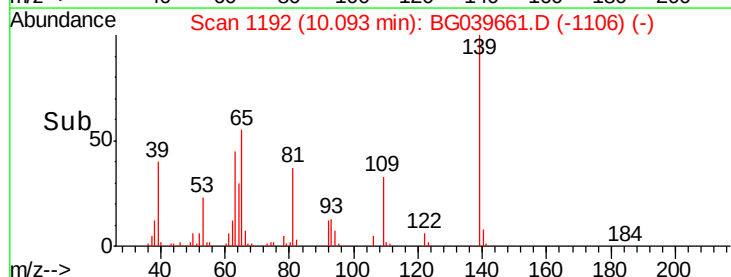
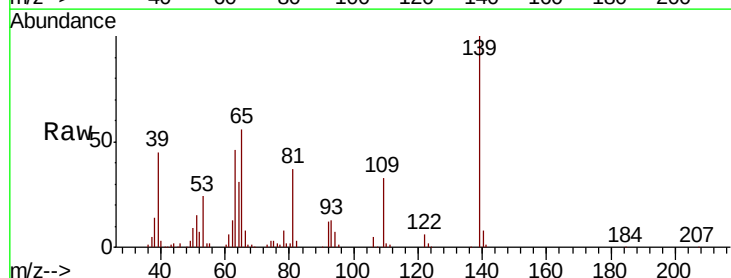
Manual Integrations
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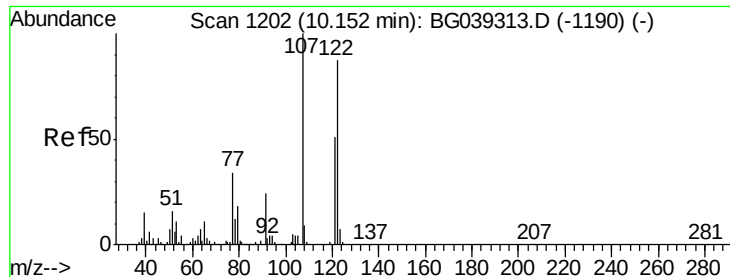
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#26
2-Nitrophenol
Concen: 56.195 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	102528		
109	33.1		23.4	35.0
65	55.9		44.3	66.5





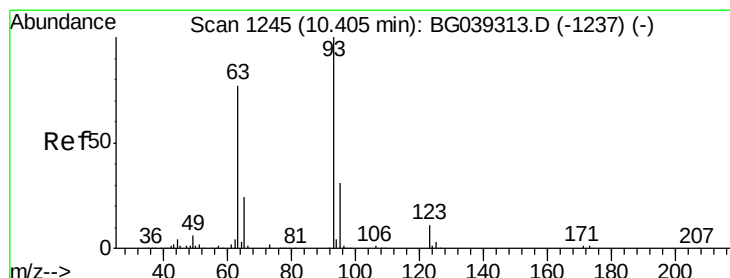
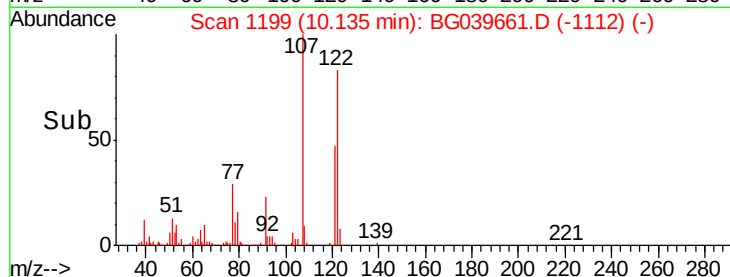
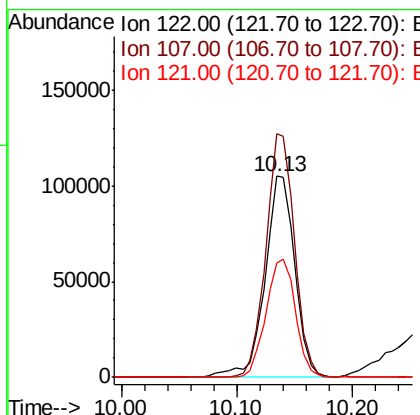
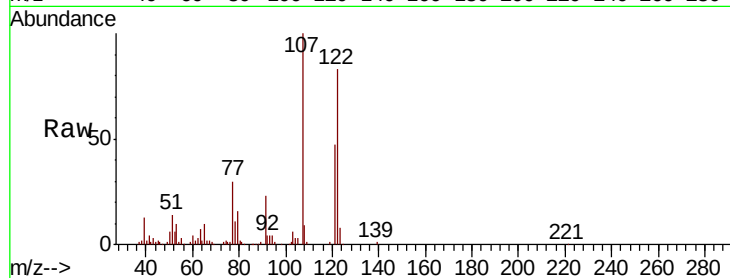
#27
2,4-Dimethylphenol
Concen: 51.699 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	189252		
107	121.0	91.7	137.5	
121	56.9	46.4	69.6	

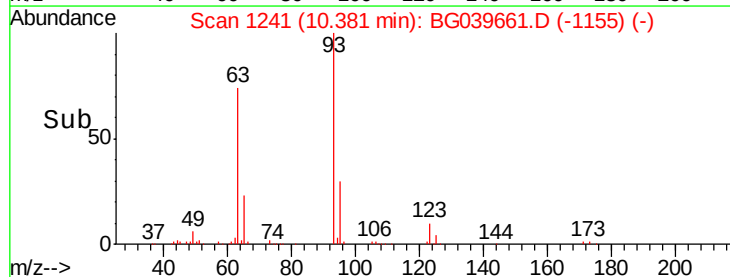
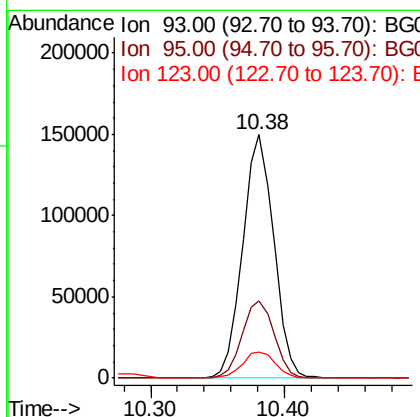
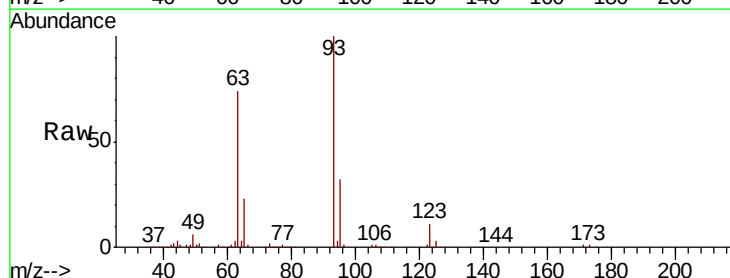
Manual Integrations
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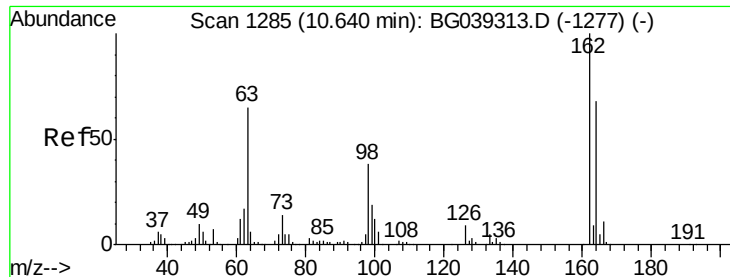
Sohil
3/1/2019 4:23:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.028 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	239833		
95	31.6	25.0	37.4	
123	10.7	8.6	12.8	





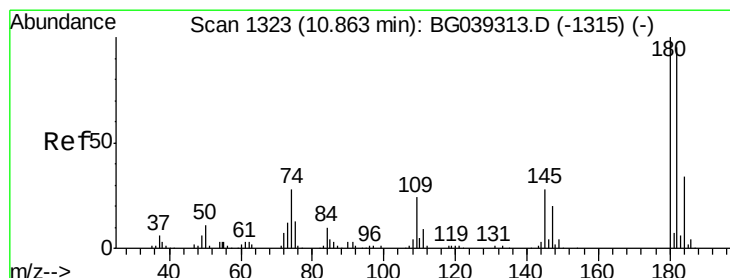
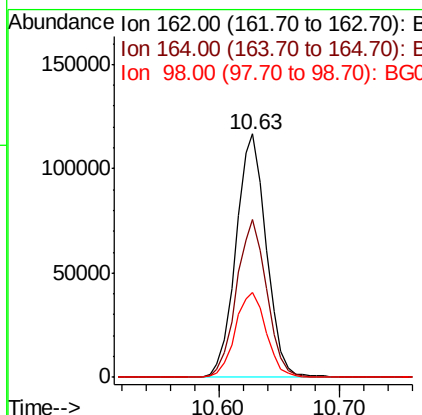
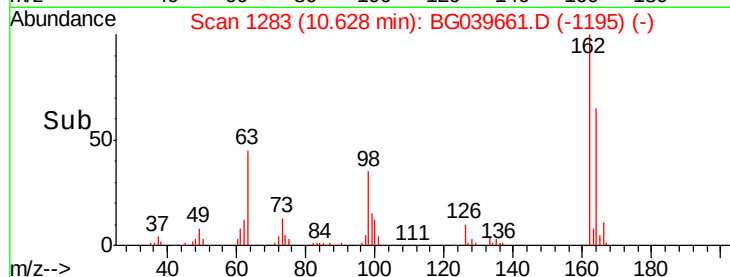
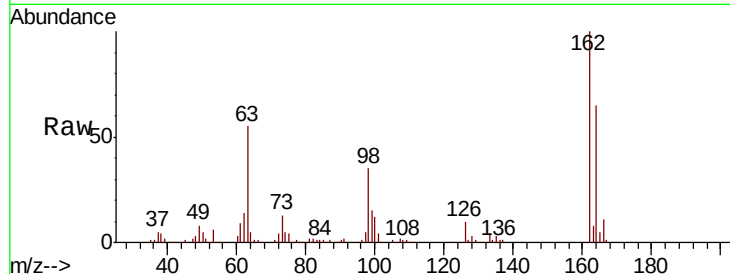
#29
2,4-Dichlorophenol
Concen: 51.109 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	204479		
164	65.0	48.1	88.1	
98	35.1	18.1	58.1	

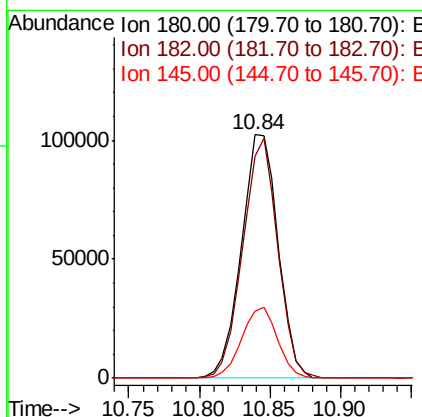
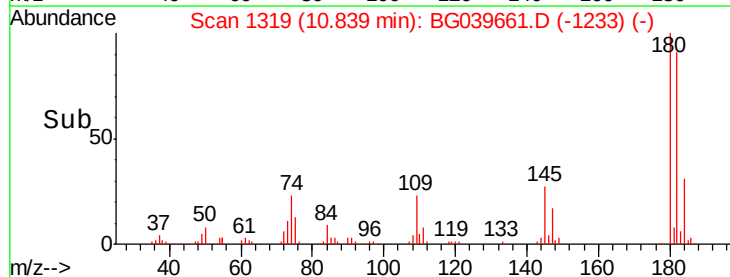
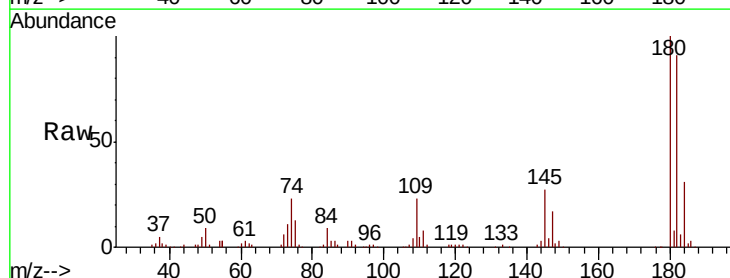
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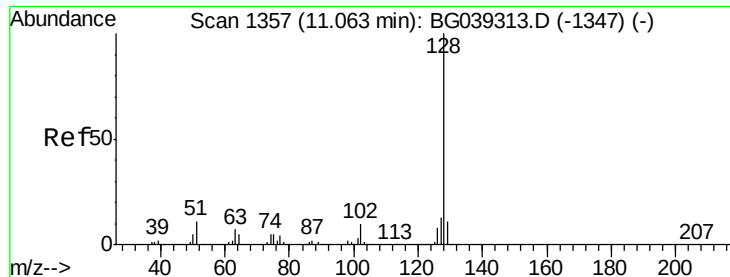
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.439 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	186133		
182	90.9	76.0	114.0	
145	27.3	22.7	34.1	





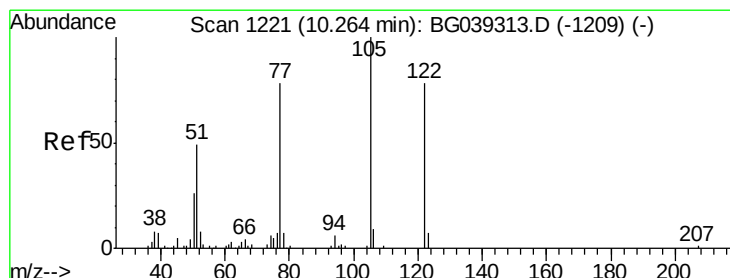
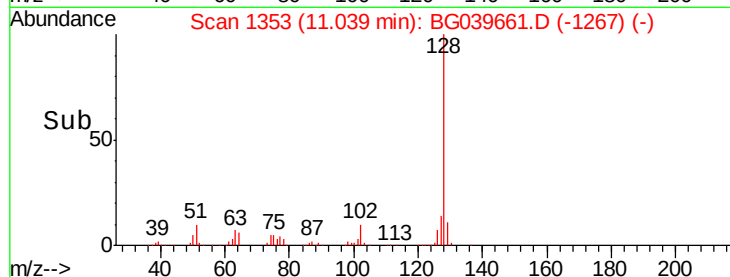
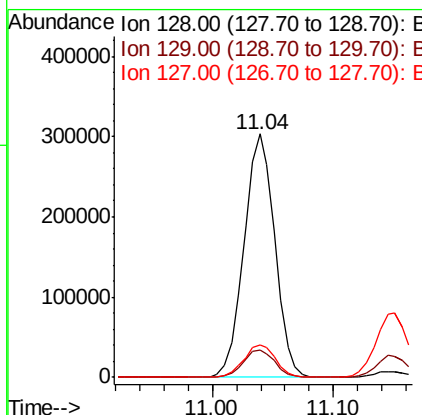
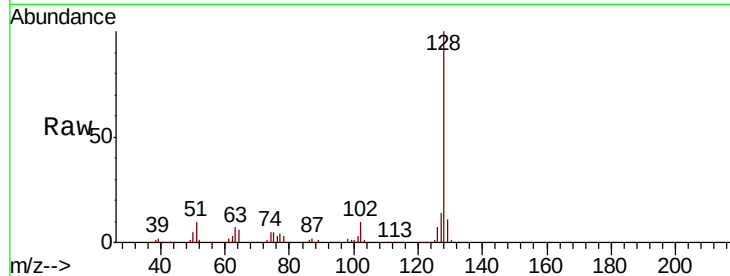
#31
Naphthalene
Concen: 42.516 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.6	10.8	16.2

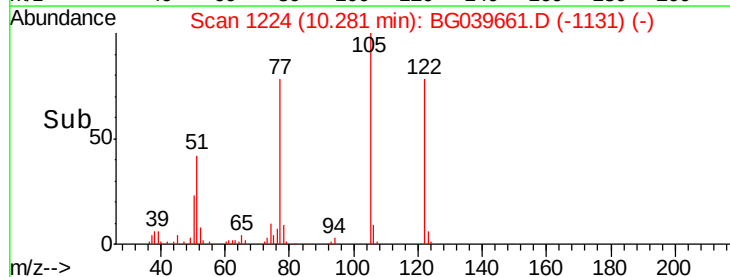
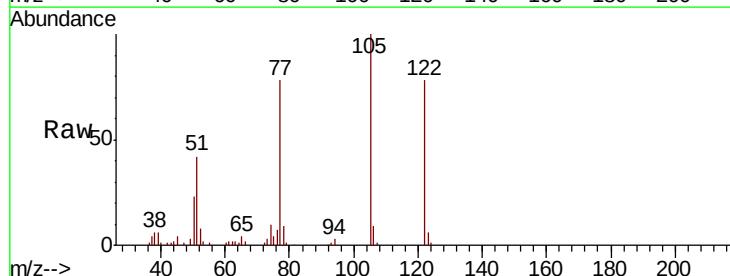
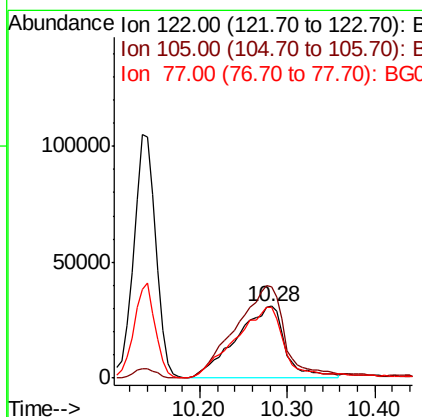
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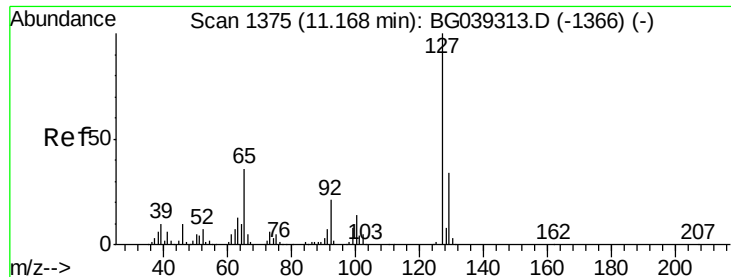
Sohil
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#32
Benzoic acid
Concen: 48.440 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.6	101.8	141.8
77	99.6	76.3	116.3





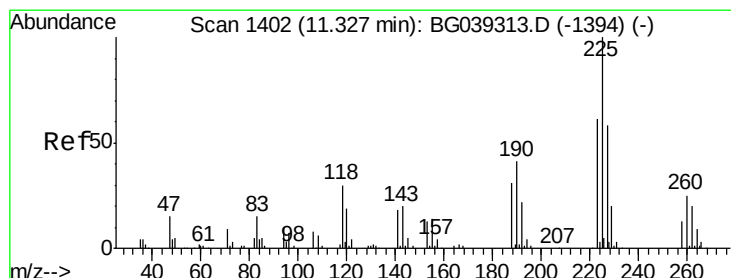
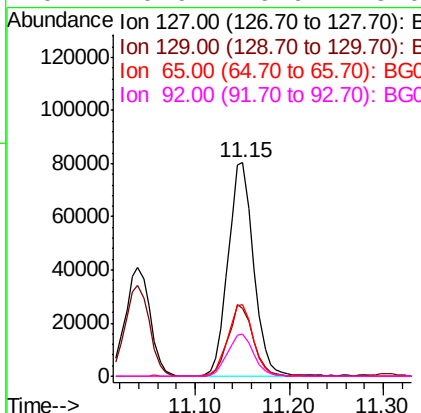
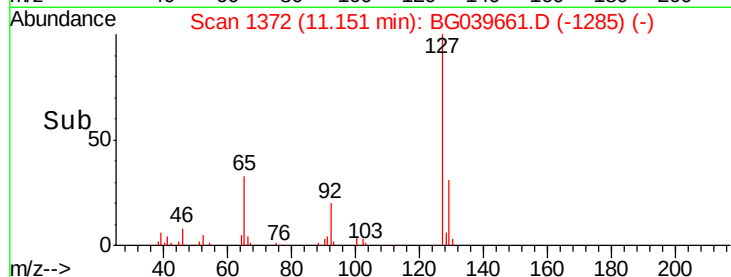
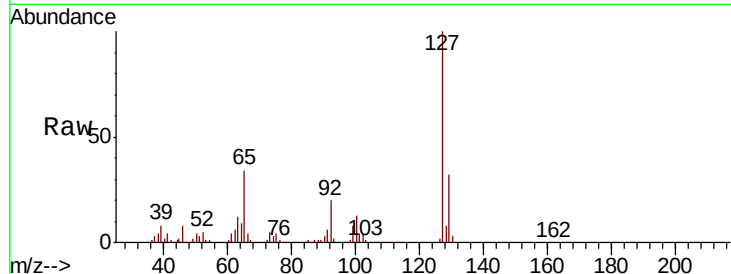
#33
4-Chloroaniline
Concen: 25.972 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampled :
PB117458BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	27.0	40.4		
65	33.7	28.8	43.2		
92	19.6	16.6	25.0		

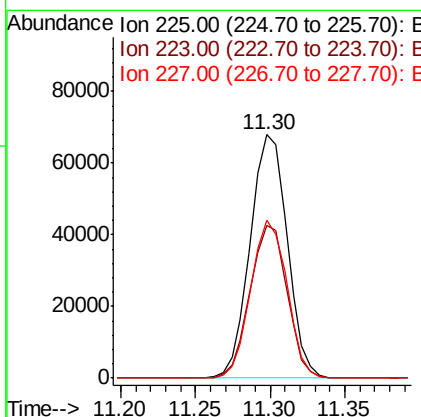
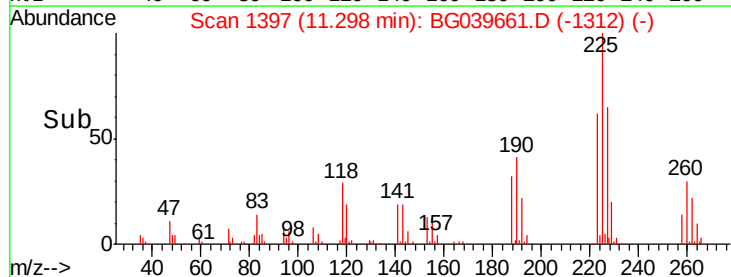
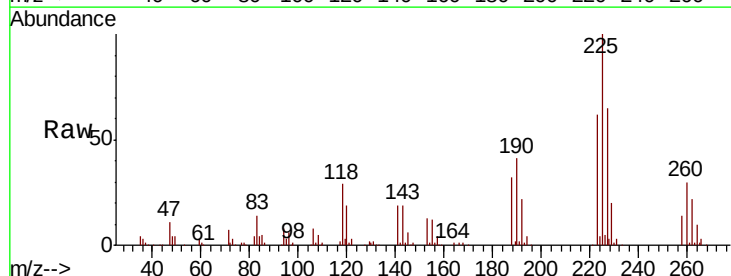
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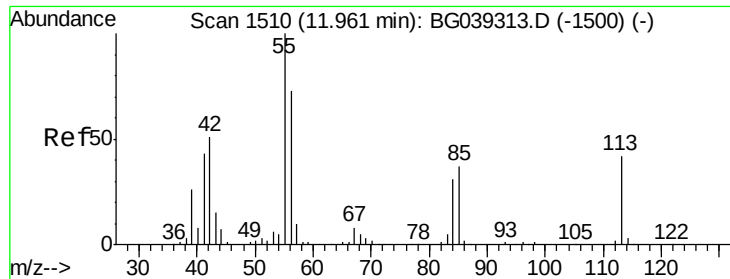
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#34
Hexachlorobutadiene
Concen: 39.053 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.03 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	49.0	73.6		
227	64.7	46.3	69.5		





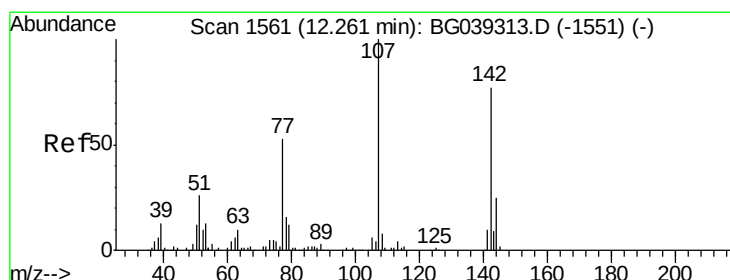
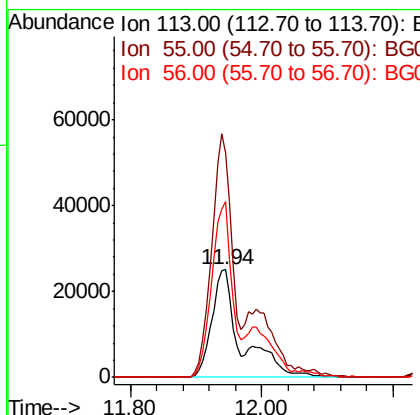
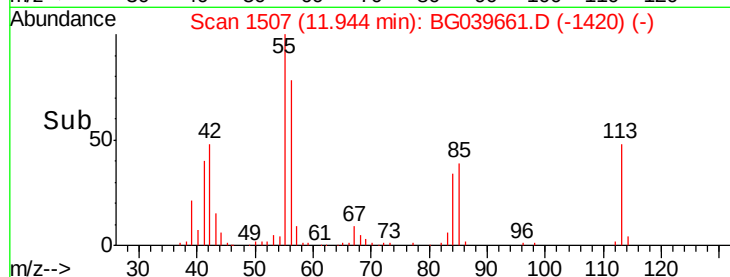
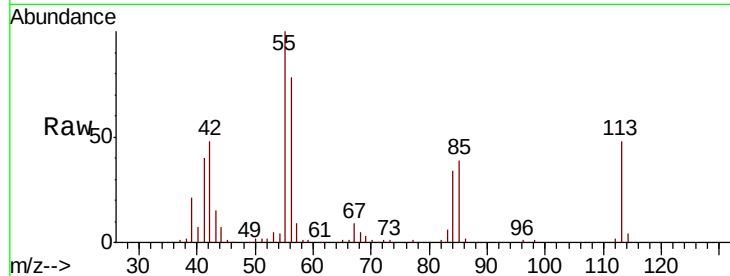
#35
Caprolactam
Concen: 47.594 ng/ml
RT: 11.94 min Scan# 1507
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleID :
PB117458BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	208.6	216.9	256.9#
56	163.8	152.6	192.6

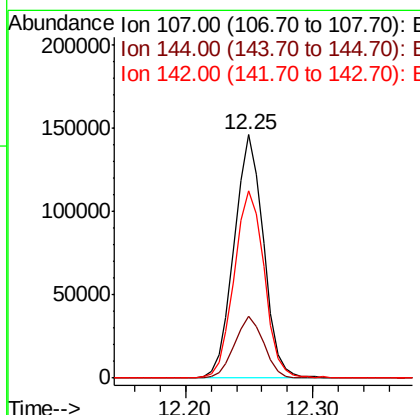
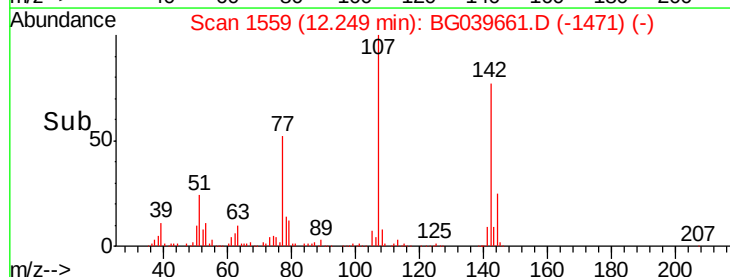
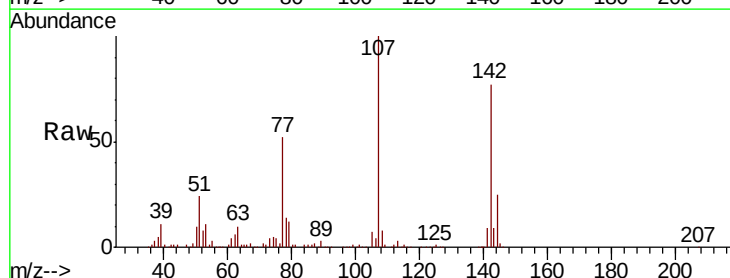
Manual Integrations
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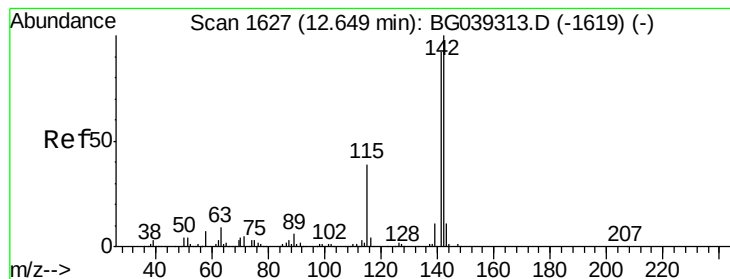
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 50.689 ng/ml
RT: 12.25 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.2	30.2
142	76.7	61.4	92.2





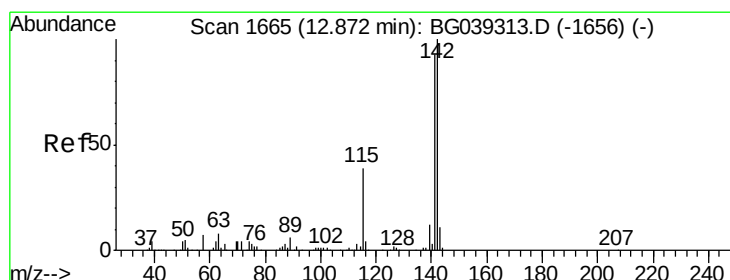
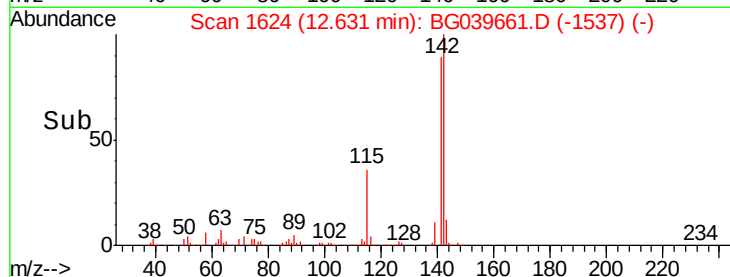
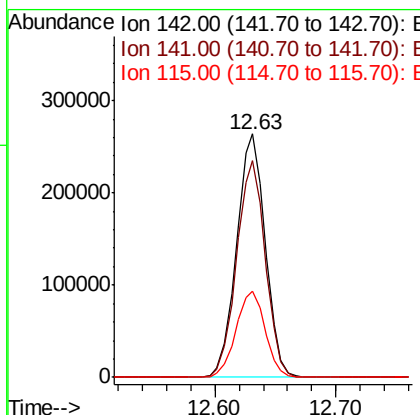
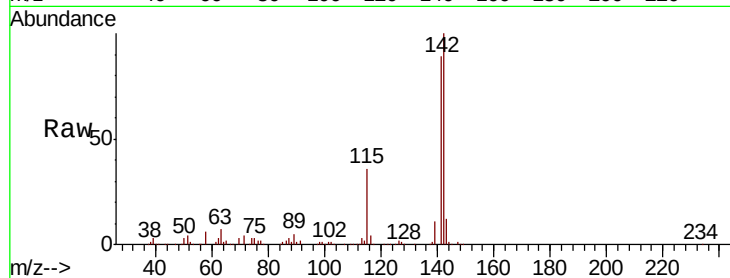
#37
 2-Methylnaphthalene
 Concen: 46.434 ng
 RT: 12.63 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Instrument :
 BNA_G
 ClientSampleId :
 PB117458BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.5	110.3
115	35.6	30.8	46.2

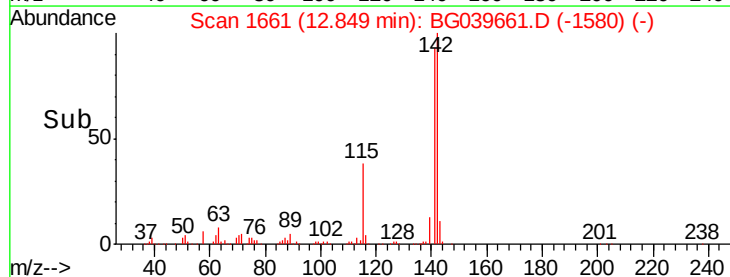
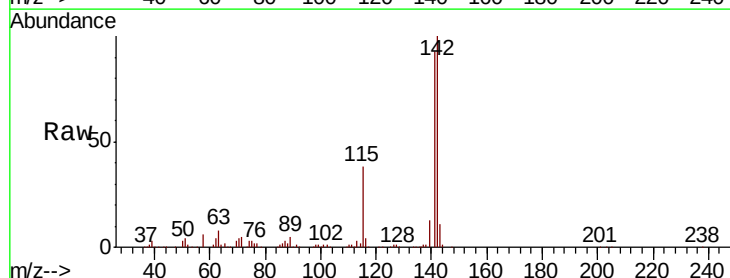
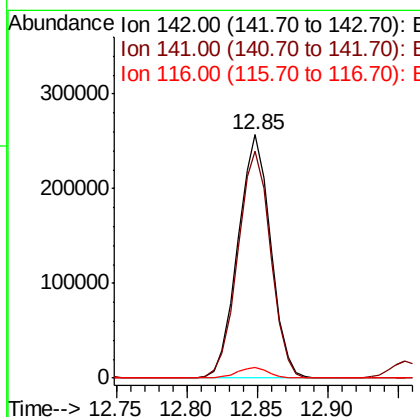
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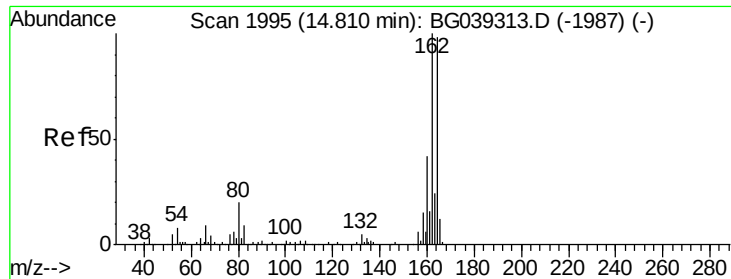
Sohil
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#38
 1-Methylnaphthalene
 Concen: 46.041 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.2	111.4
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

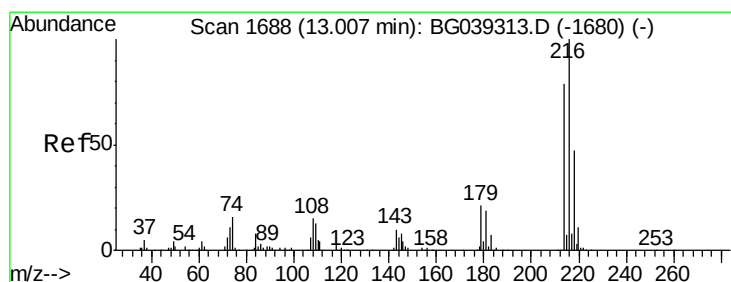
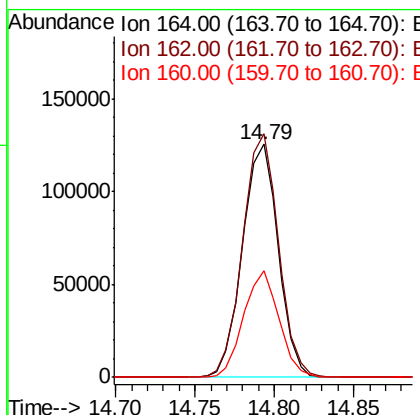
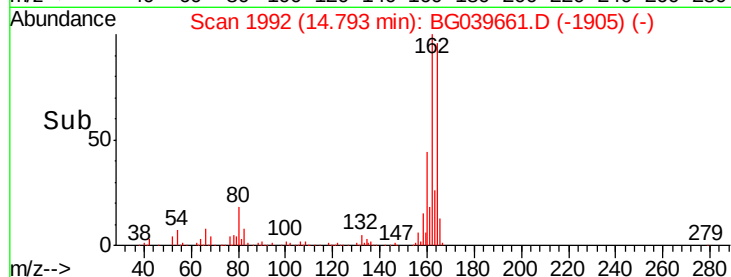
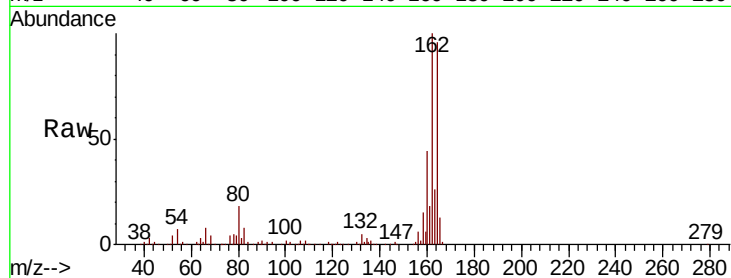
ClientSampleId :

PB117458BS

Tot Ion:	164	Resp:	196715
Ion Ratio	Lower	Upper	
164	100		
162	104.5	81.6	122.4
160	45.8	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.825 ng

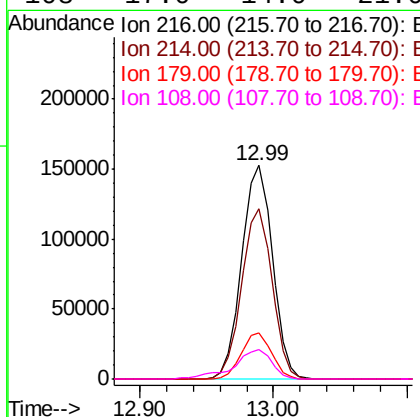
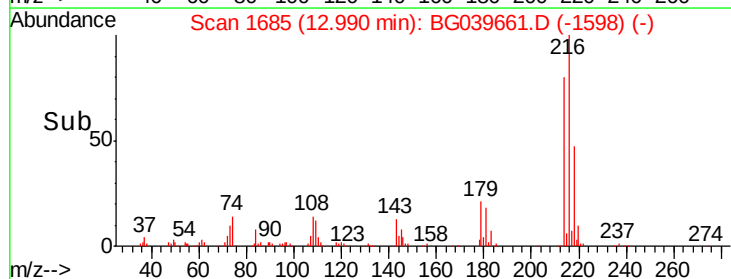
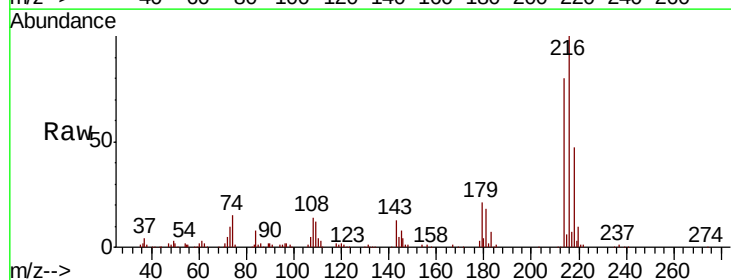
RT: 12.99 min Scan# 1685

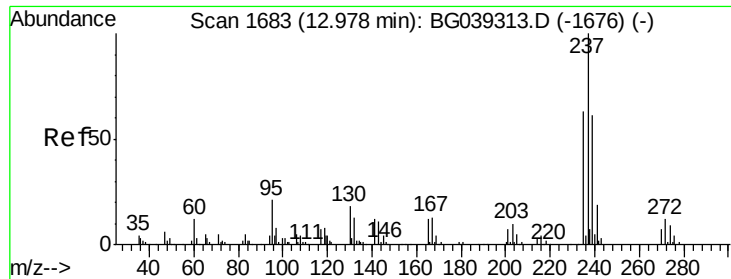
Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Tgt Ion:	216	Resp:	243001
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.6	94.0
179	21.0	16.6	25.0
108	17.0	14.0	21.0





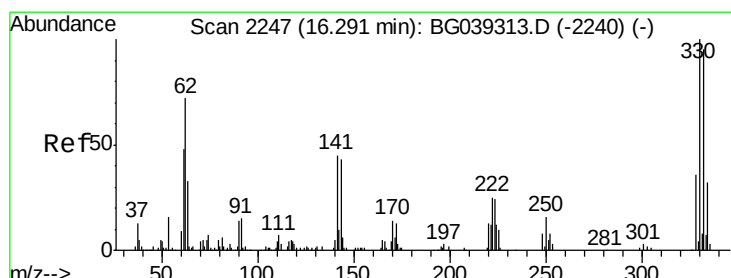
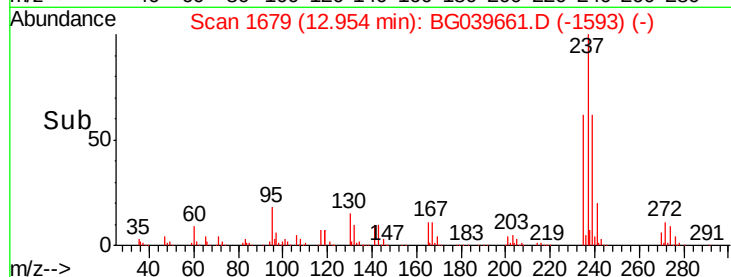
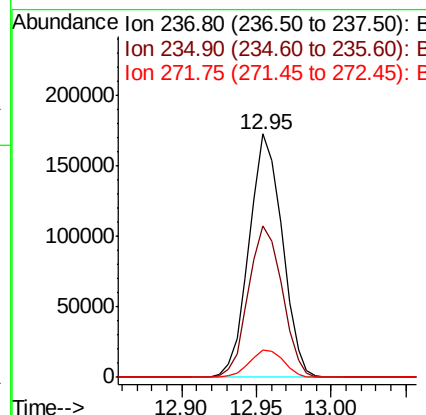
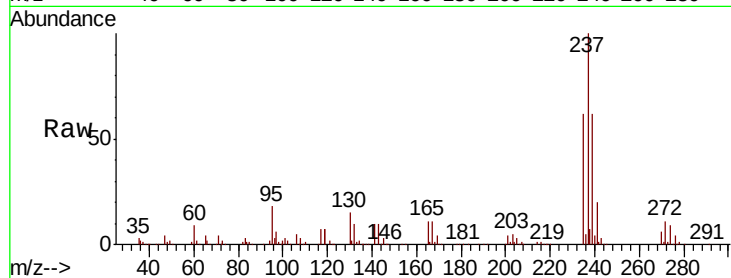
#41
Hexachlorocyclopentadiene
Concen: 77.450 ng
RT: 12.95 min Scan# 1679
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	264150		
235	62.0	43.3	83.3	
272	11.5	0.0	32.3	

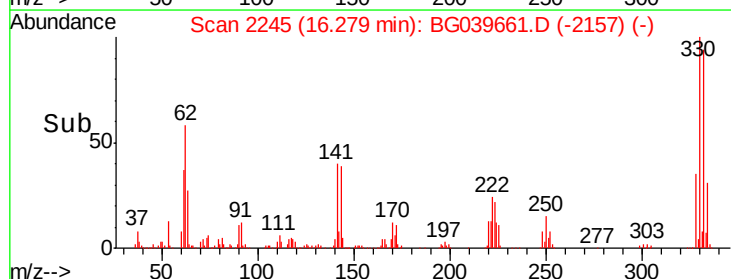
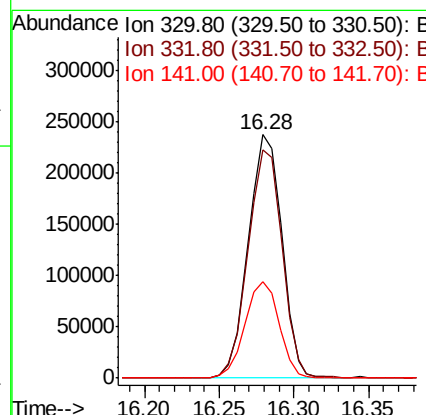
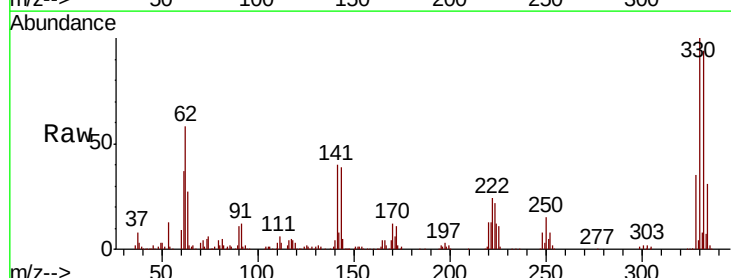
Manual Integrations
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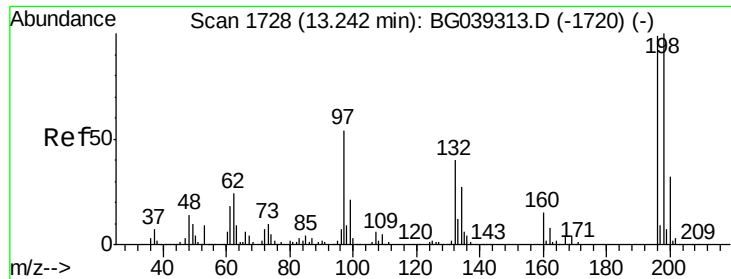
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#42
2,4,6-Tribromophenol
Concen: 174.110 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	368815		
332	95.4	75.7	113.5	
141	40.5	35.6	53.4	





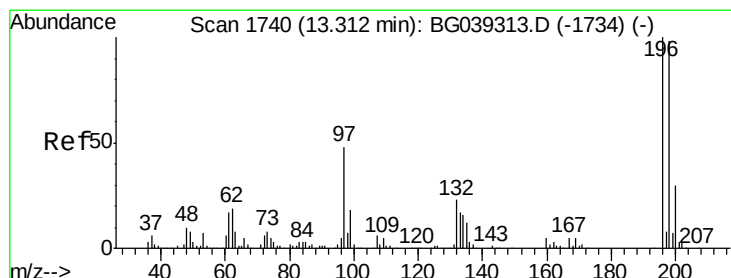
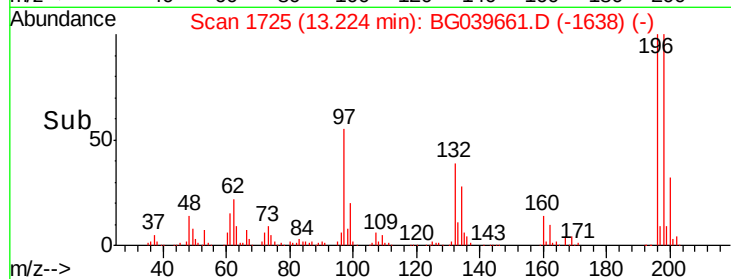
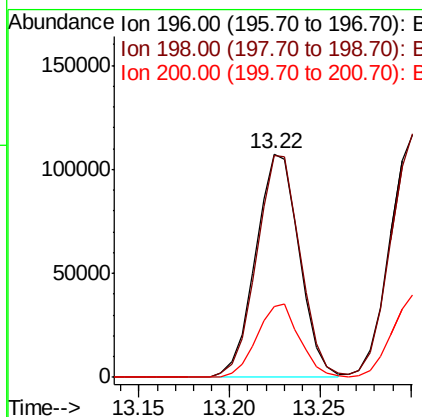
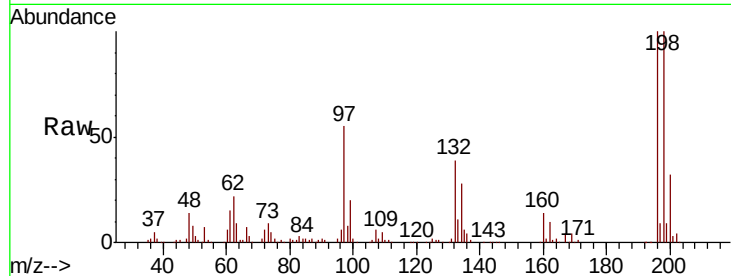
#43
 2,4,6-Trichlorophenol
 Concen: 46.930 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Instrument :
 BNA_G
 ClientSampleId :
 PB117458BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	180602		
198	99.5	80.6	121.0	
200	32.0	26.1	39.1	

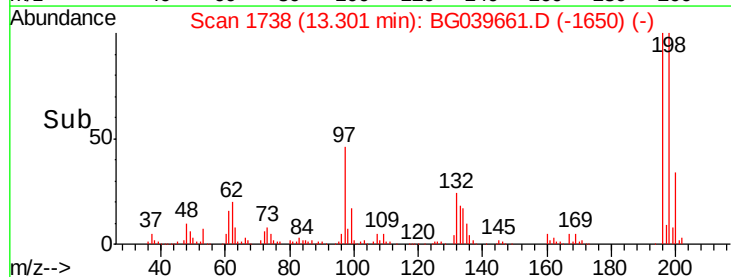
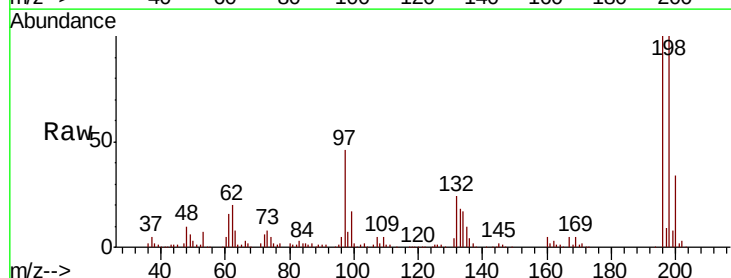
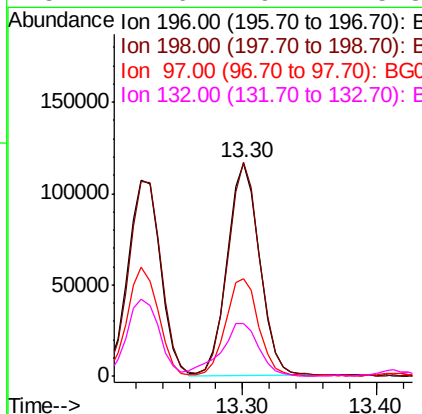
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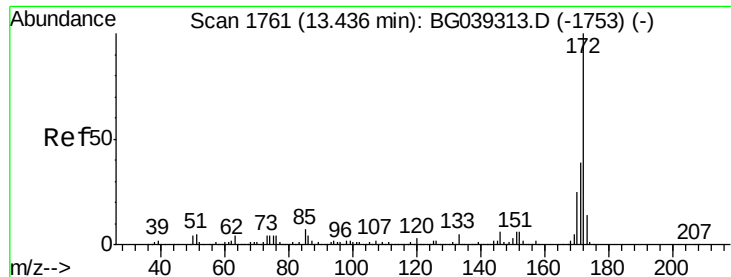
Sohil
 3/1/2019 4:23:24 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.673 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196316		
198	100.5	78.5	117.7	
97	46.0	38.4	57.6	
132	24.6	19.2	28.8	





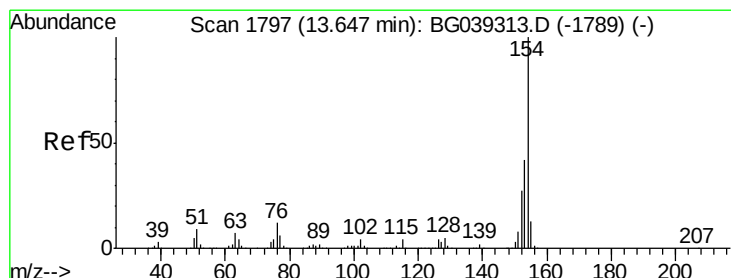
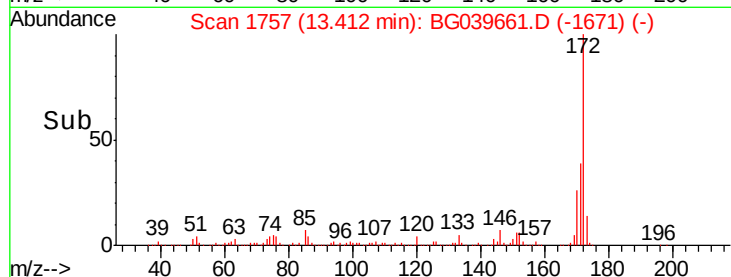
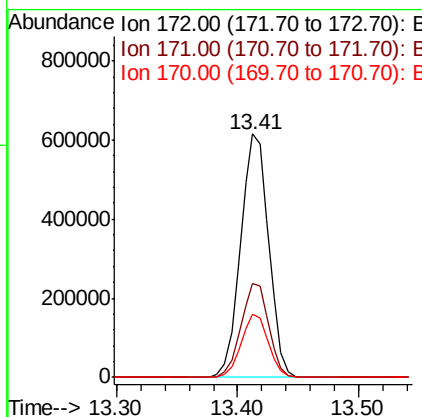
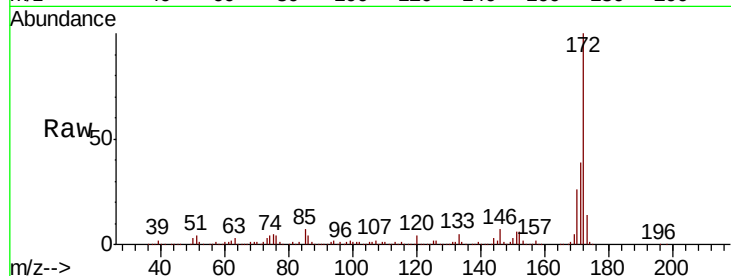
#45
2-Fluorobiphenyl
Concen: 72.440 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.8	46.2
170	26.2	20.2	30.4

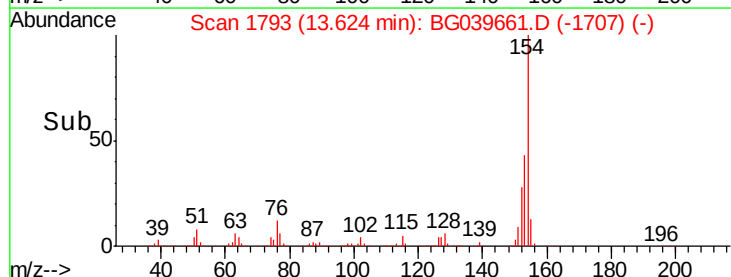
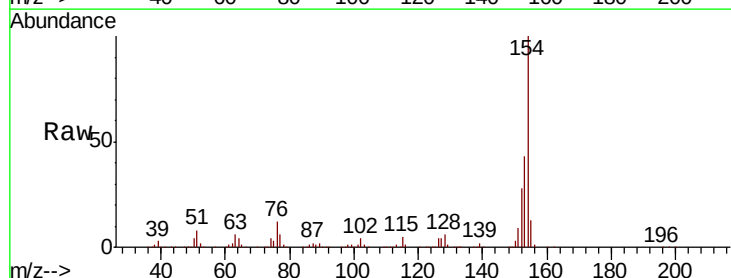
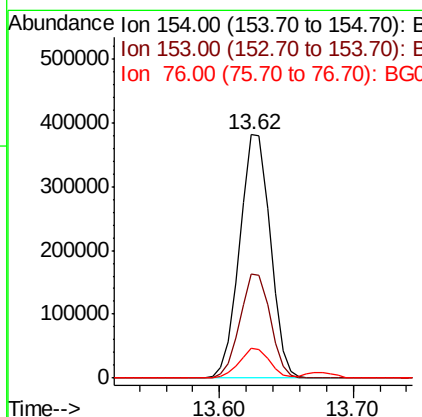
Manual Integrations
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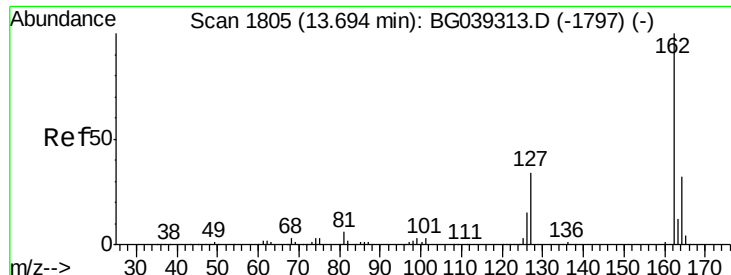
Sohil
3/1/2019 4:23:24 PM



#46
1,1'-Biphenyl
Concen: 36.927 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.1	62.1
76	12.4	0.0	32.4





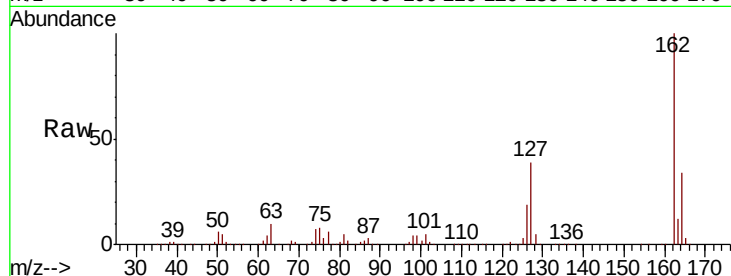
#47
2-Chloronaphthalene
Concen: 38.553 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

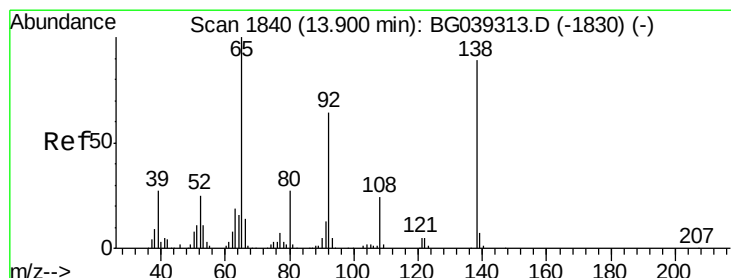
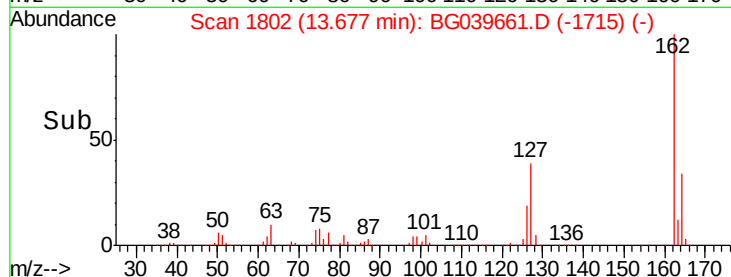
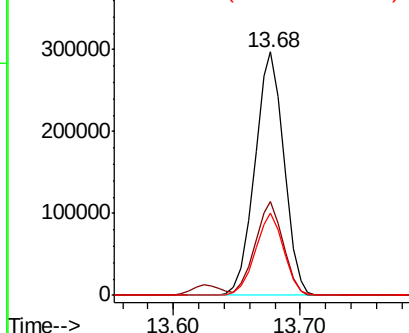
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.0	46.6
164	33.6	25.7	38.5

Manual Integrations
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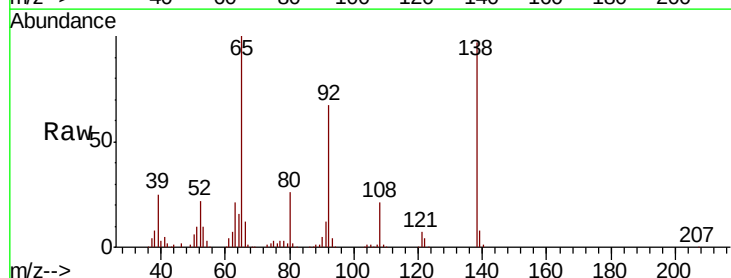


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

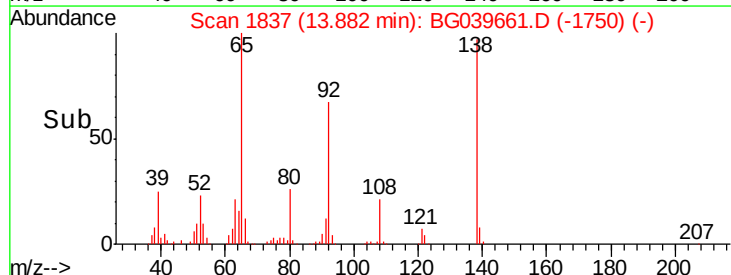
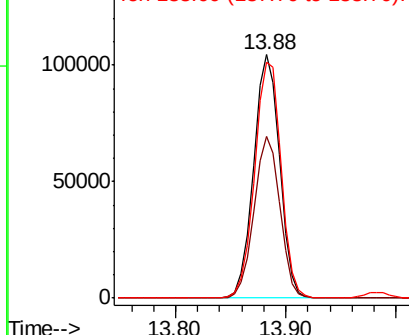


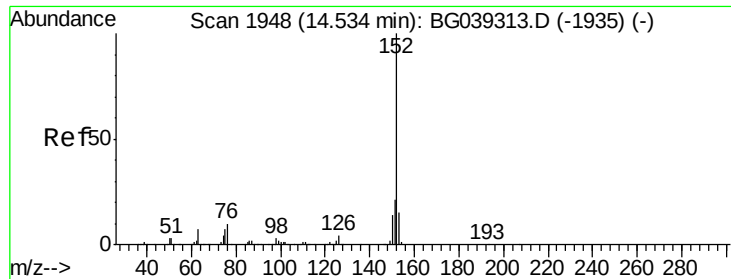
#48
2-Nitroaniline
Concen: 48.823 ng
RT: 13.88 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	51.4	77.2
138	97.1	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: 41.869 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

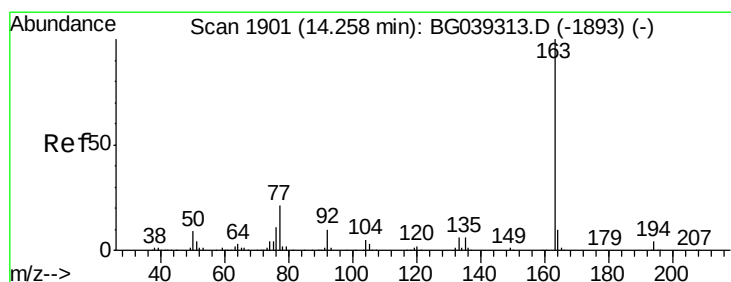
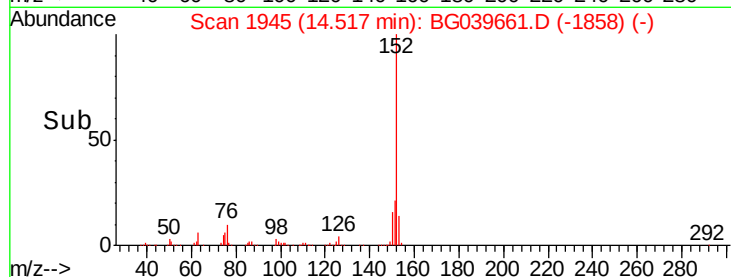
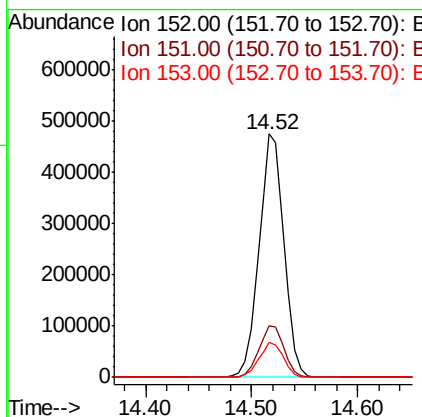
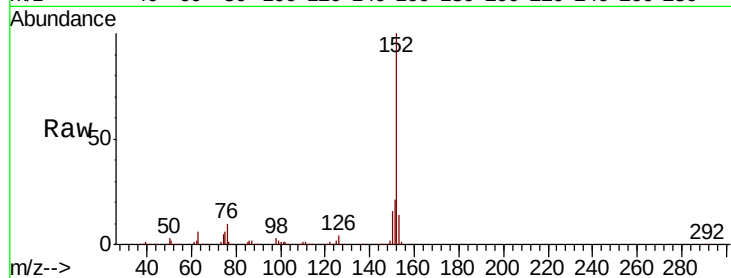
ClientSampleId :

PB117458BS

Tot Ion:	152	Resp:	777884
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.8	25.2
153	14.1	11.7	17.5

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#50

Dimethylphthalate

Concen: 41.781 ng

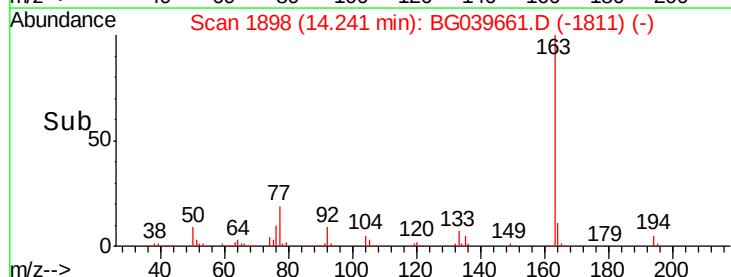
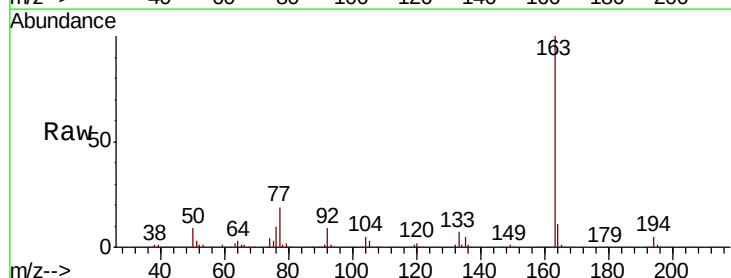
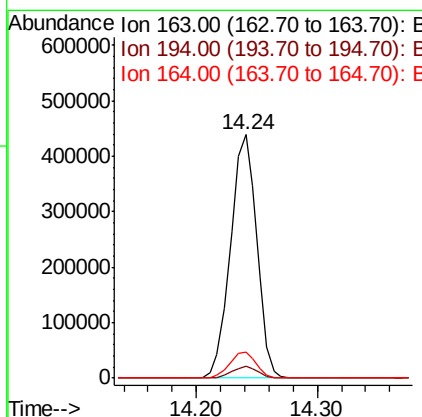
RT: 14.24 min Scan# 1898

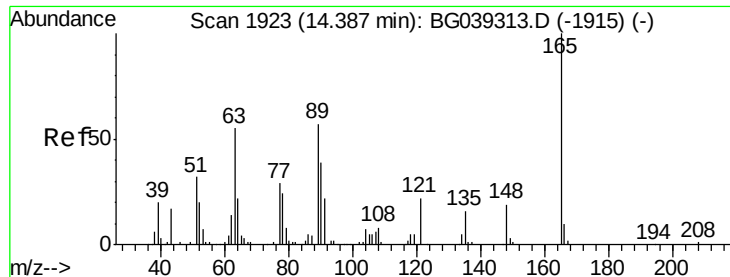
Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Tgt Ion:	163	Resp:	663797
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.6	5.4
164	10.7	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 51.618 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

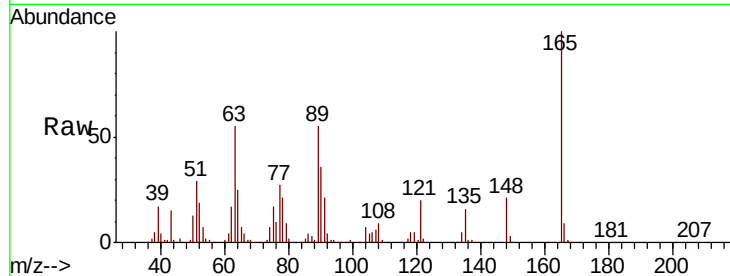
ClientSampled :

PB117458BS

Tot Ion:	165	Resp:	154971
Ion Ratio	Lower	Upper	
165	100		
63	55.1	47.0	70.6
89	54.7	45.8	68.8

Manual Integrations
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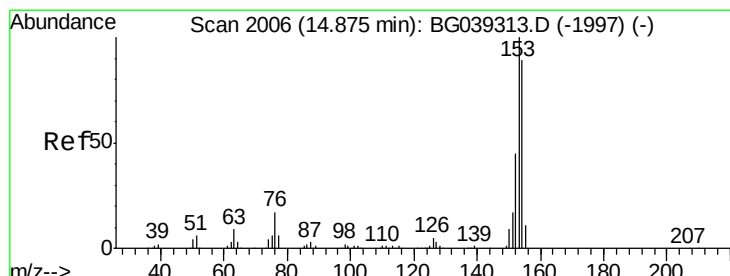
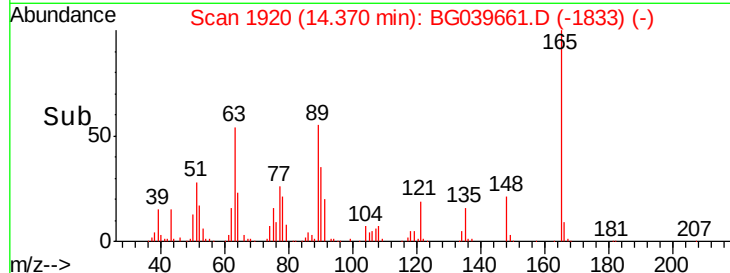
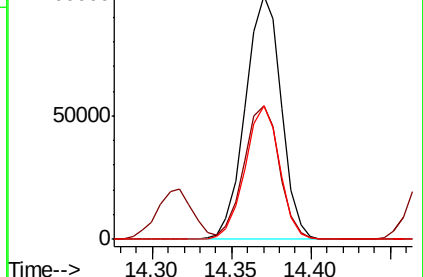
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.447 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG039661.D

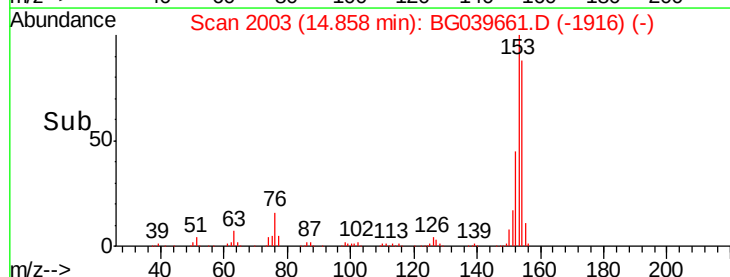
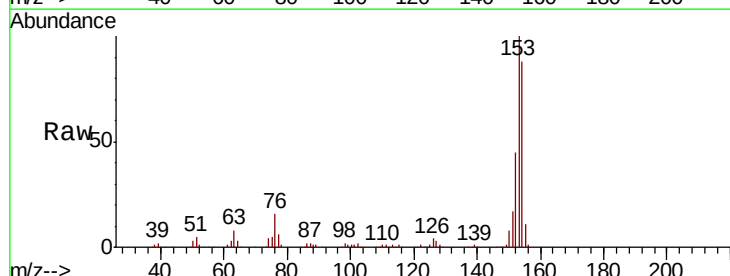
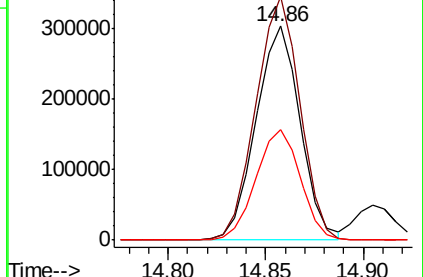
Acq: 28 Feb 2019 15:42

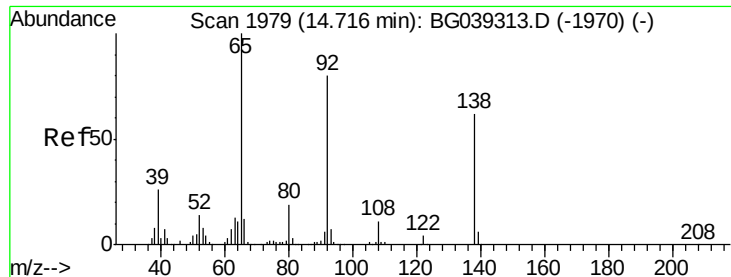
Tgt Ion:	154	Resp:	475724
Ion Ratio	Lower	Upper	
154	100		
153	114.0	90.1	135.1
152	51.7	40.9	61.3

Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





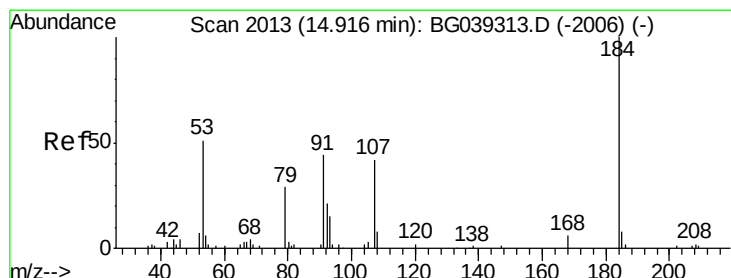
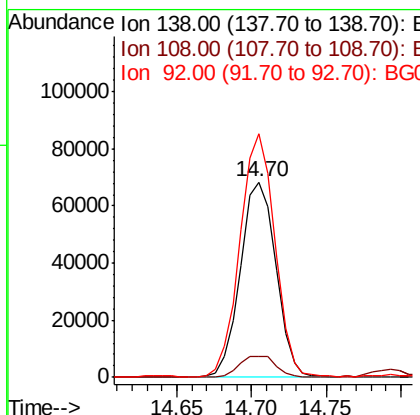
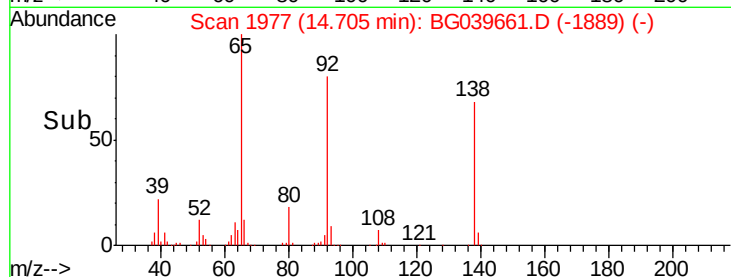
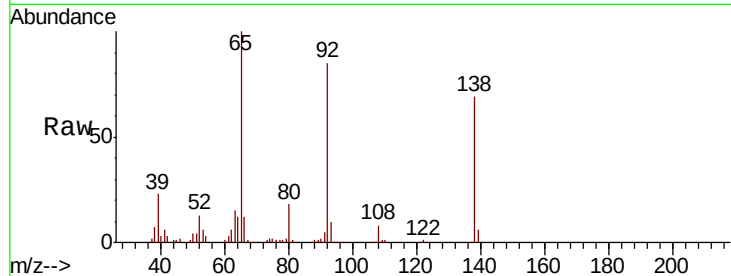
#53
3-Nitroaniline
Concen: 36.874 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion:138 Resp: 113251
Ion Ratio Lower Upper
138 100
108 10.9 13.8 20.8#
92 124.5 103.7 155.5

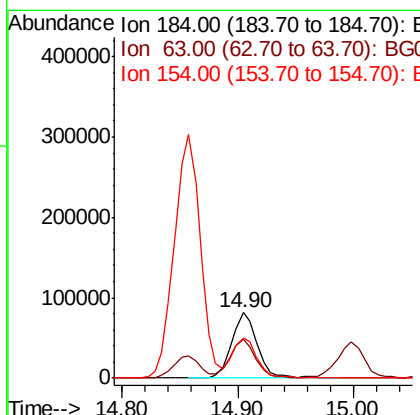
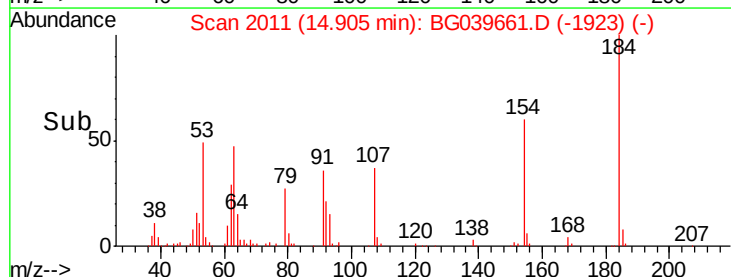
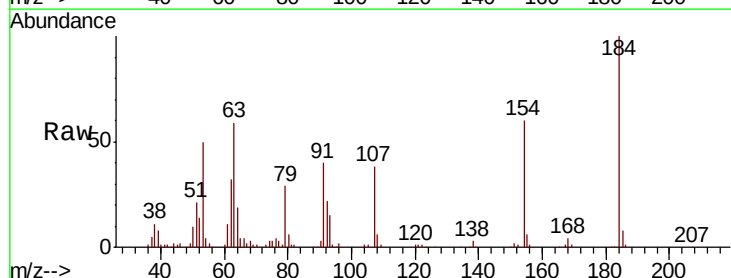
Manual Integrations
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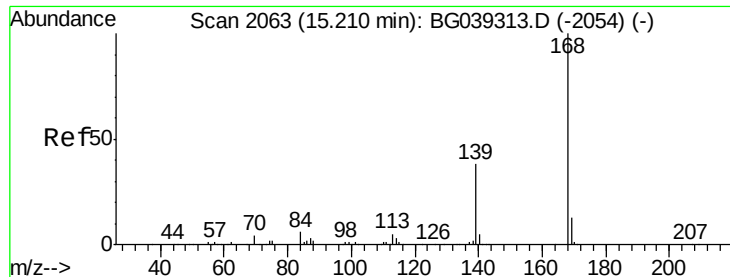
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#54
2,4-Dinitrophenol
Concen: 90.080 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion:184 Resp: 125619
Ion Ratio Lower Upper
184 100
63 58.9 50.9 76.3
154 60.3 53.0 79.6





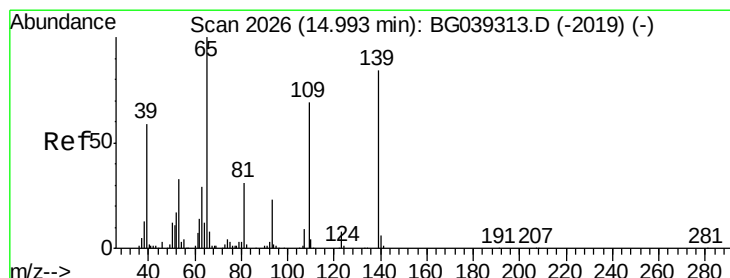
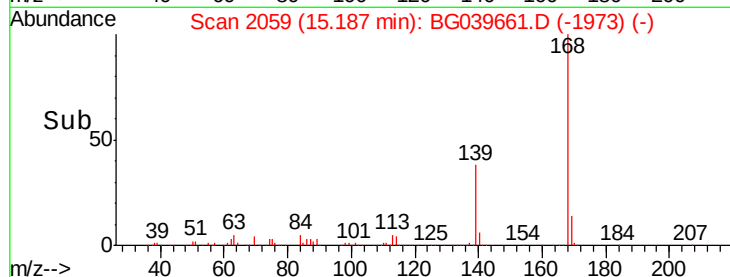
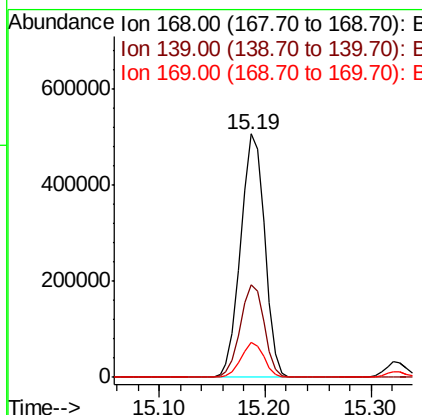
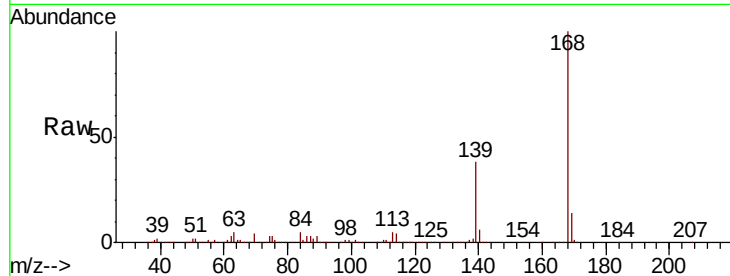
#55
Dibenzofuran
Concen: 41.131 ng
RT: 15.19 min Scan# 2059
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	14.2	10.6	16.0

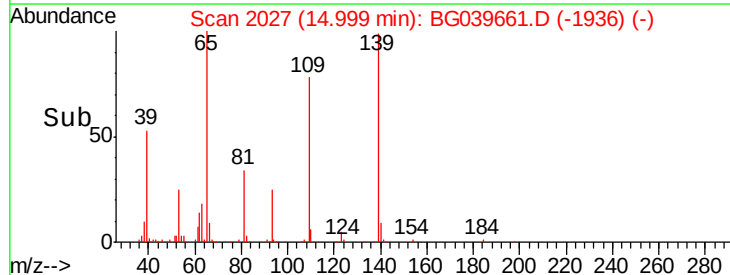
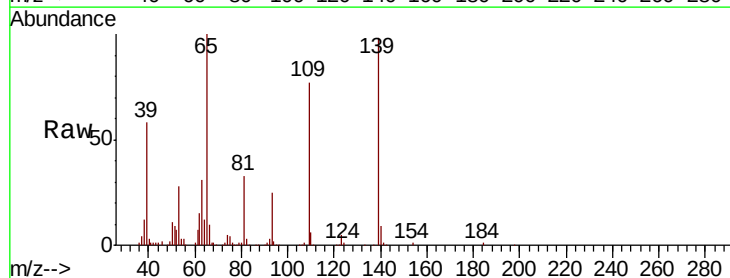
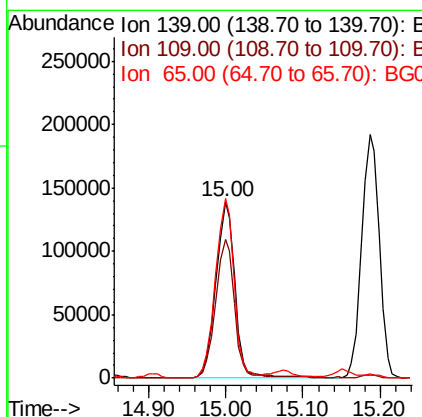
Manual Integrations
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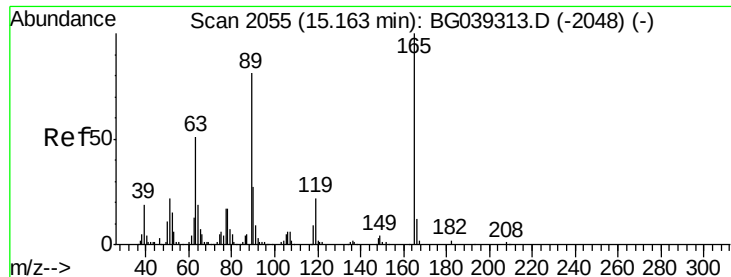
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#56
4-Nitrophenol
Concen: 82.684 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.4	61.9	101.9
65	102.0	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 56.887 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

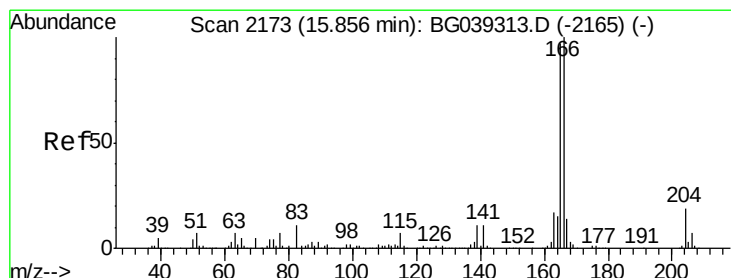
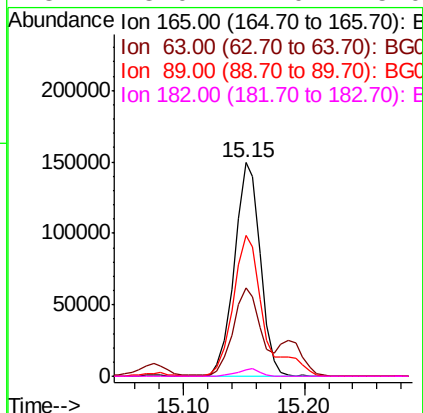
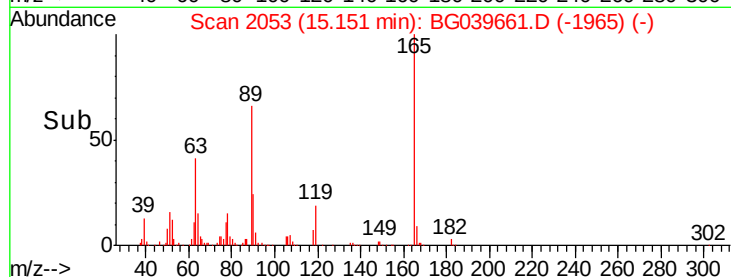
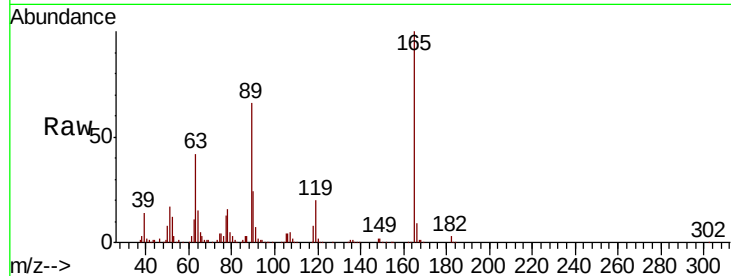
ClientSampleId :

PB117458BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		222955		
63	41.6		41.0	61.6	
89	66.1		64.6	96.8	
182	3.0		2.0	3.0	

Manual Integrations
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#58

Fluorene

Concen: 44.018 ng

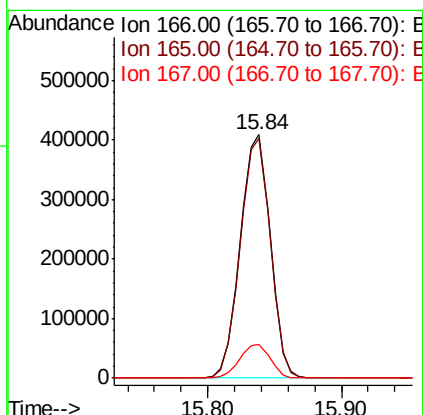
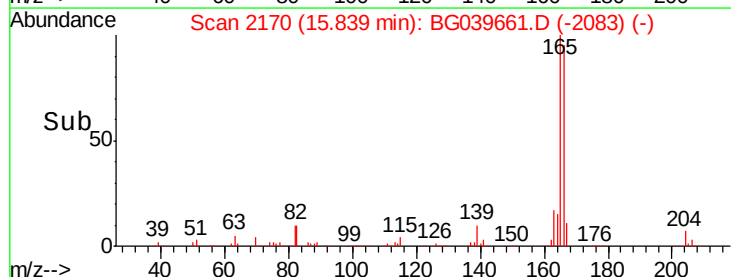
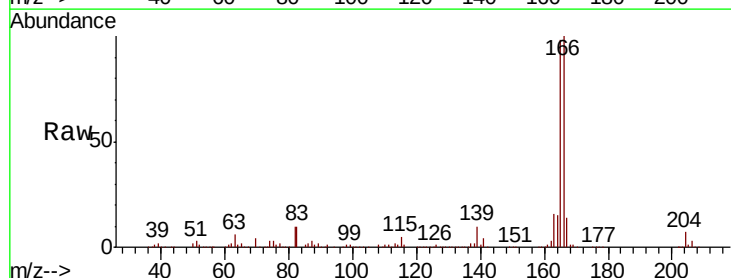
RT: 15.84 min Scan# 2170

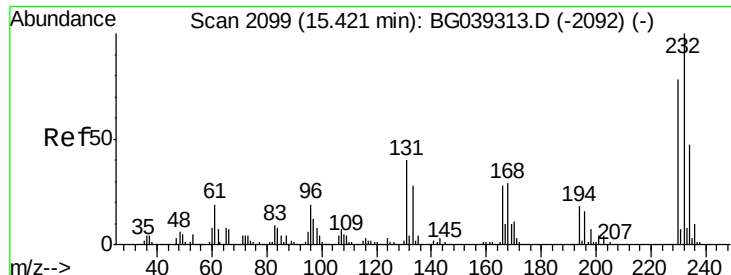
Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		634492		
165	98.5		77.9	116.9	
167	13.7		10.8	16.2	





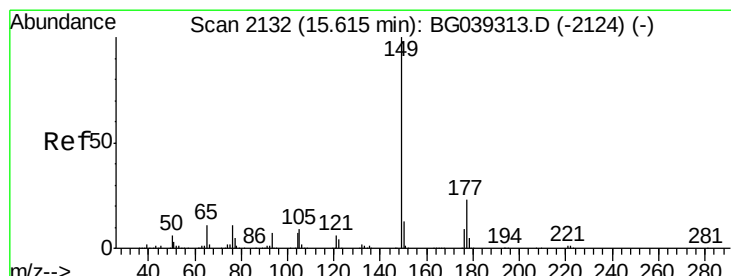
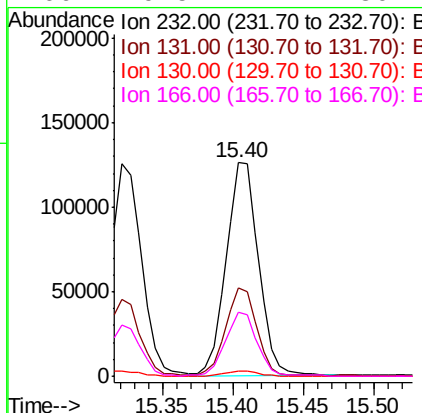
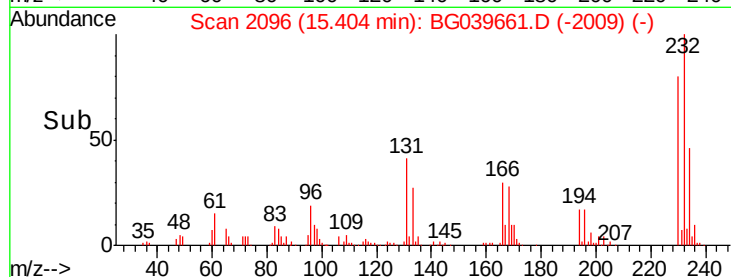
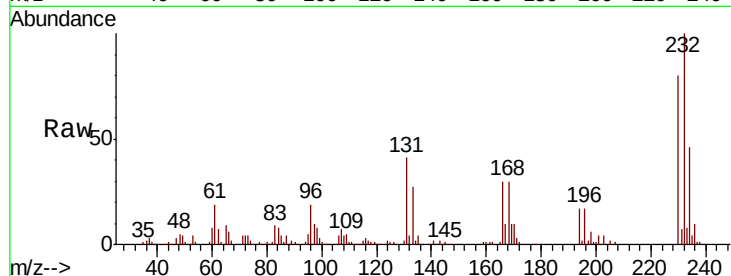
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.922 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Instrument :
 BNA_G
 ClientSampleId :
 PB117458BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	199858		
131	40.0		34.9	52.3
130	2.4		2.0	3.0
166	29.5		24.1	36.1

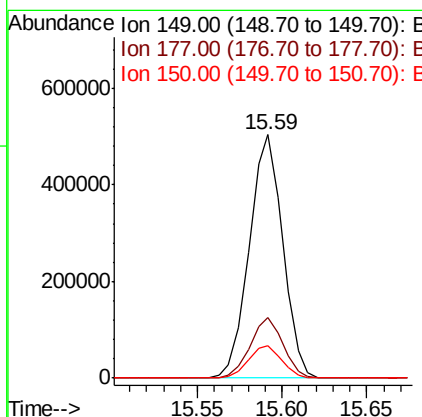
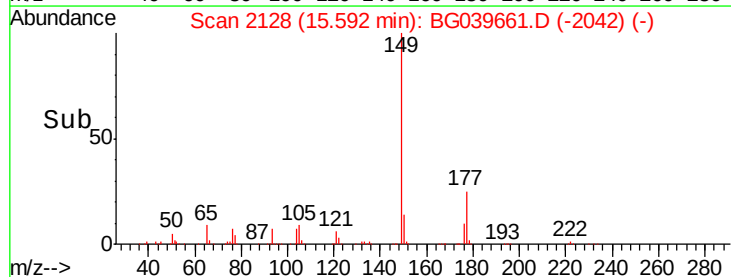
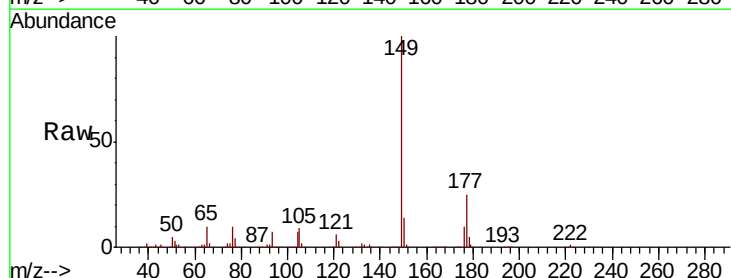
Manual Integrations
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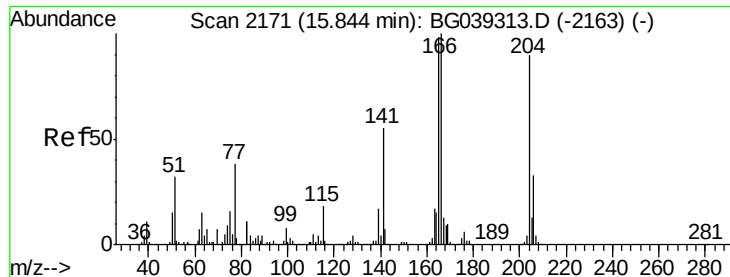
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 3/1/2019 4:23:24 PM



#60
 Diethylphthalate
 Concen: 42.284 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	694577		
177	24.7		18.3	27.5
150	13.5		10.2	15.2





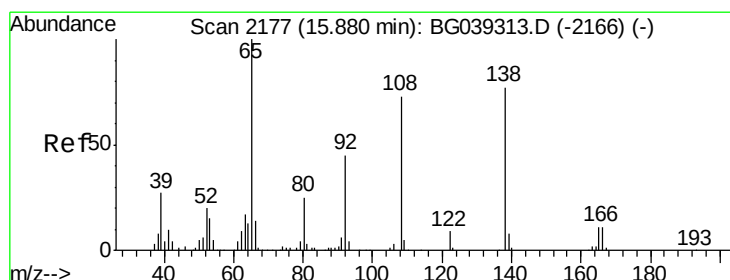
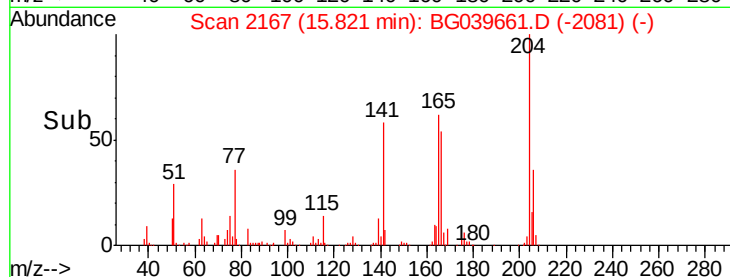
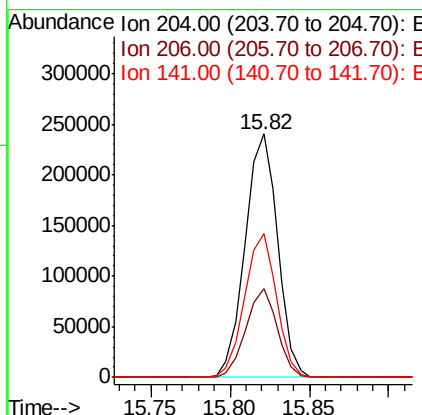
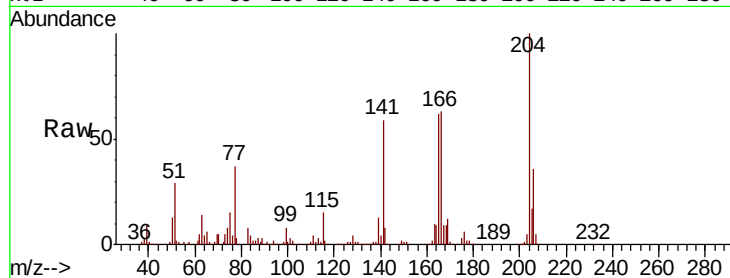
#61
4-Chlorophenyl-phenylether
Concen: 41.879 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.2	29.2	43.8
141	58.8	49.0	73.4

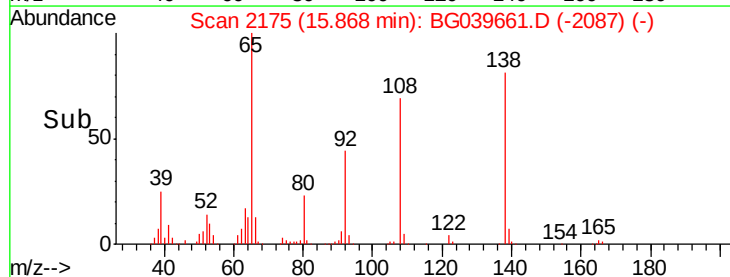
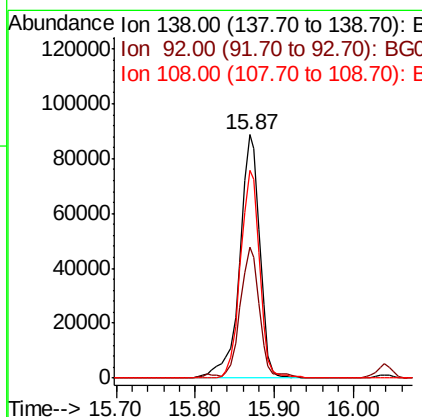
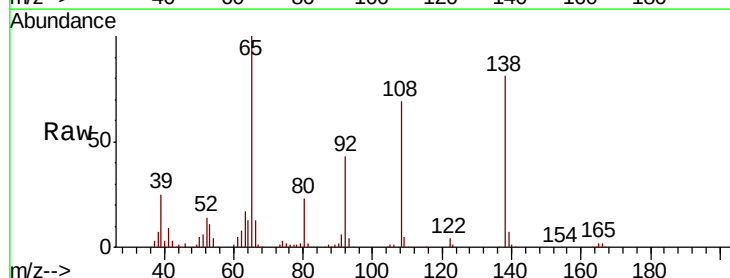
Manual Integrations
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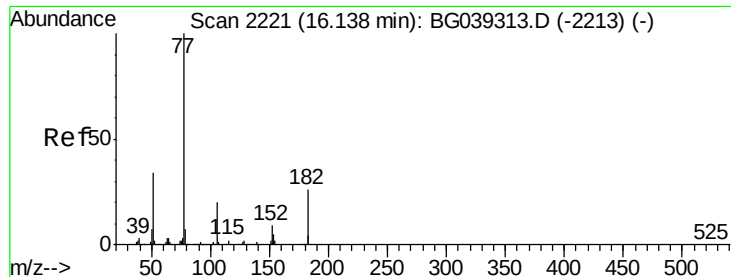
Sohil
3/1/2019 4:23:24 PM



#62
4-Nitroaniline
Concen: 46.596 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.6	38.7	78.7
108	85.5	74.6	114.6





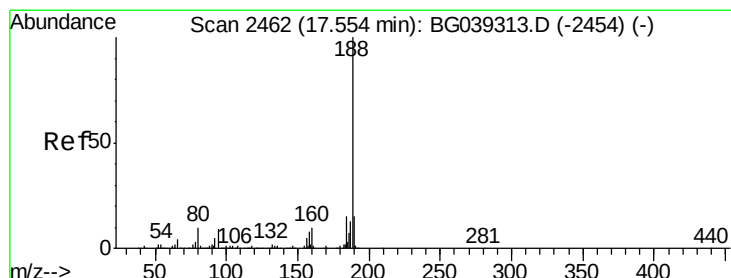
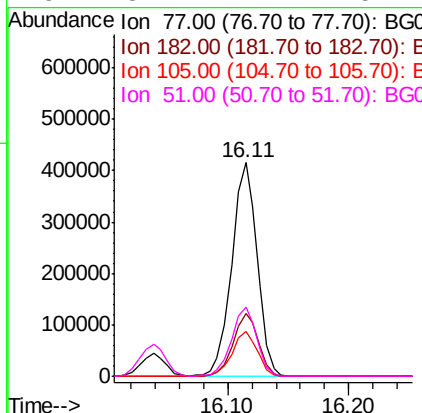
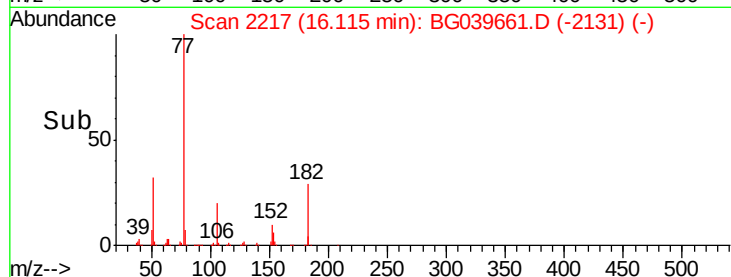
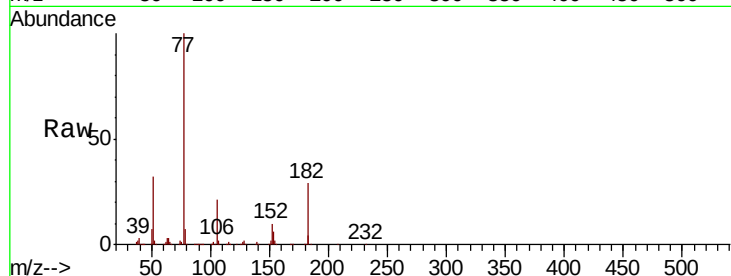
#63
Azobenzene
Concen: 37.789 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.2	6.4	46.4
105	21.0	0.0	39.8
51	32.2	14.1	54.1

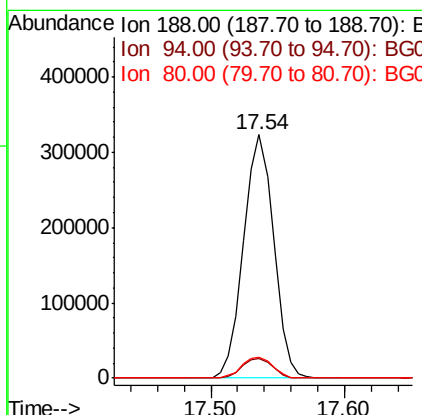
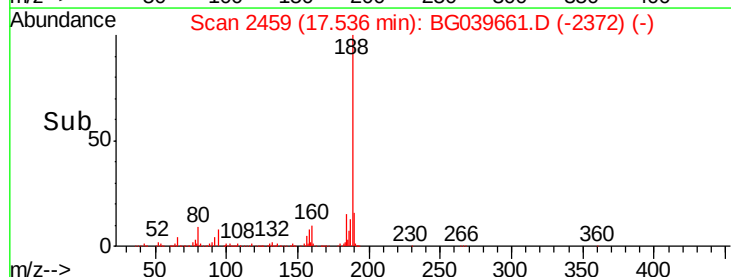
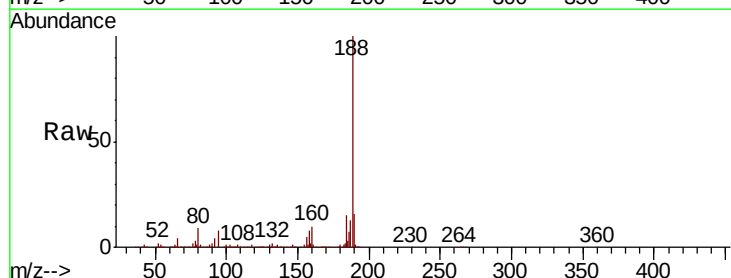
Manual Integrations
APPROVED

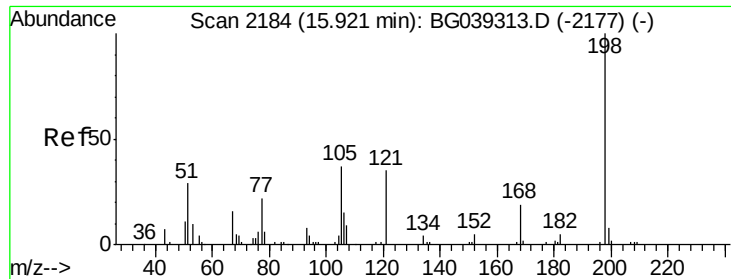
Sohil
3/1/2019 4:23:24 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	8.5	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 54.416 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

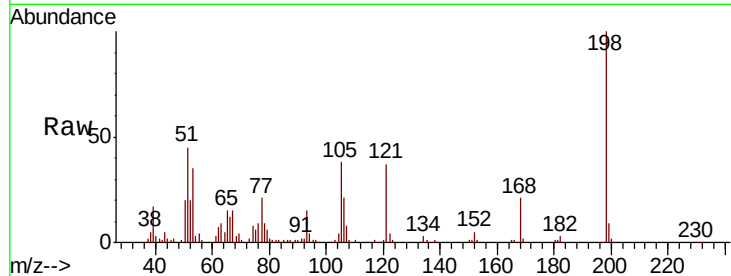
ClientSampleId :

PB117458BS

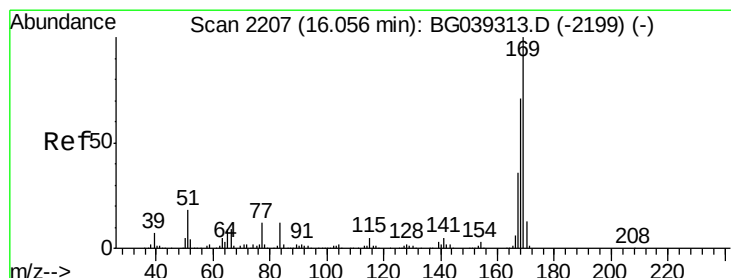
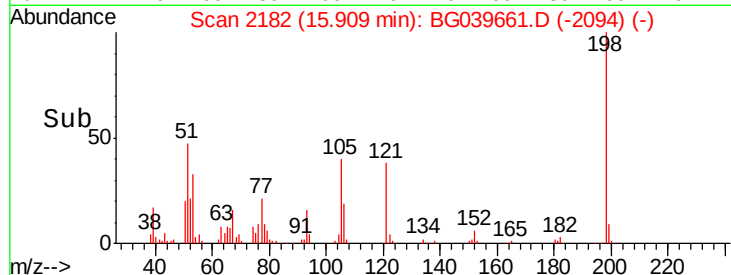
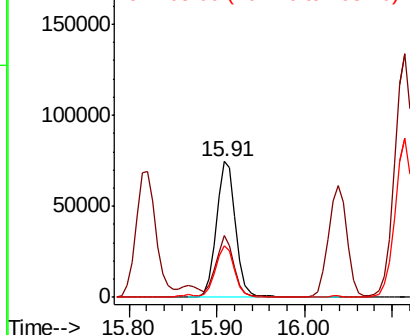
Tot Ion:	198	Resp:	113943
Ion Ratio	Lower	Upper	
198	100		
51	45.4	27.4	67.4
105	38.4	19.7	59.7

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



#66

n-Nitrosodiphenylamine

Concen: 38.811 ng

RT: 16.04 min Scan# 2204

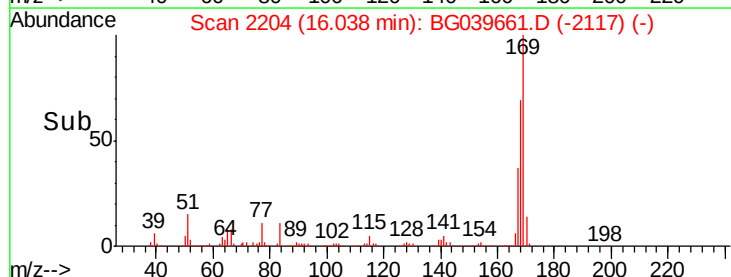
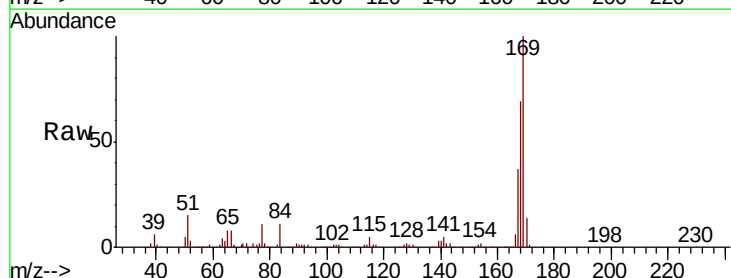
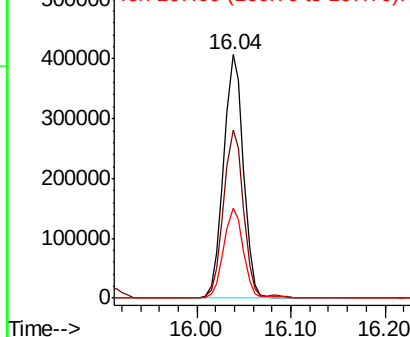
Delta R.T. -0.02 min

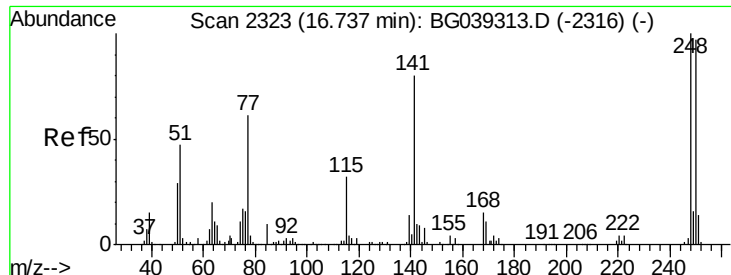
Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Tgt Ion:	169	Resp:	595256
Ion Ratio	Lower	Upper	
169	100		
168	69.0	56.6	85.0
167	37.2	28.8	43.2

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





#67

4-Bromophenyl-phenylether

Concen: 41.215 ng

RT: 16.71 min Scan# 2319

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

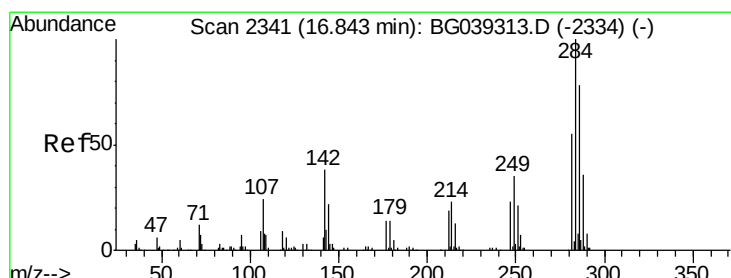
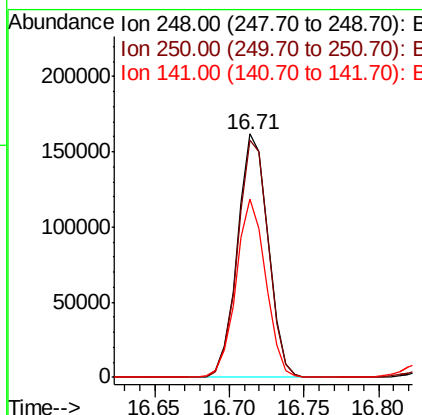
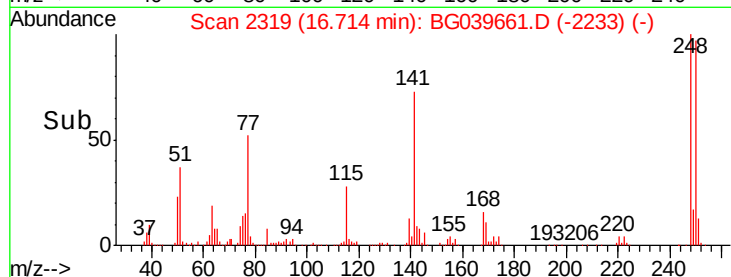
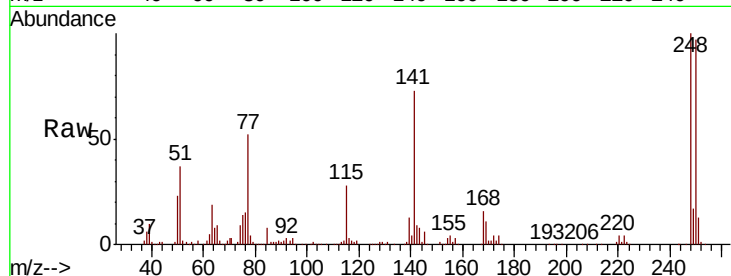
ClientSampleId :

PB117458BS

Tot Ion:	248	Resp:	230632
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.6	116.4
141	73.3	63.9	95.9

Manual Integrations
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#68

Hexachlorobenzene

Concen: 42.203 ng

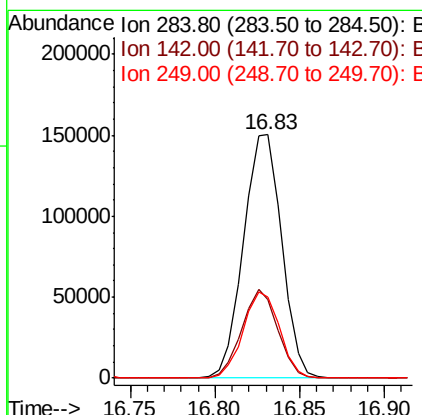
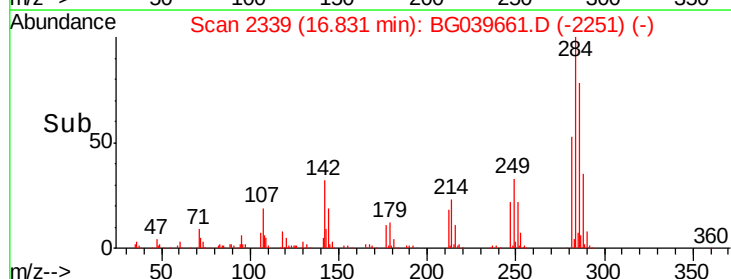
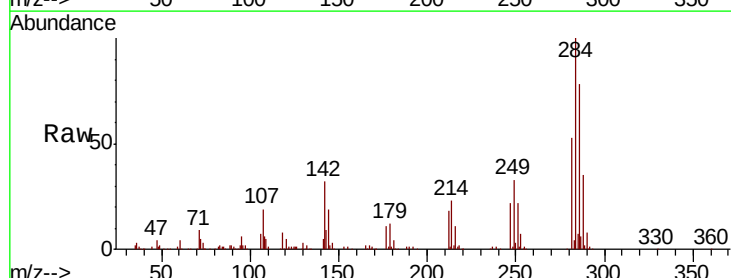
RT: 16.83 min Scan# 2339

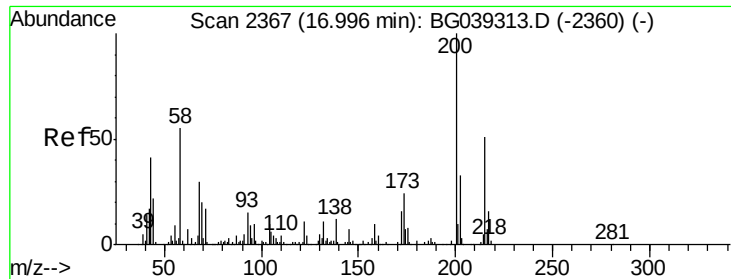
Delta R.T. -0.01 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Tgt Ion:	284	Resp:	236935
Ion Ratio	Lower	Upper	
284	100		
142	32.5	30.6	45.8
249	33.2	28.2	42.2





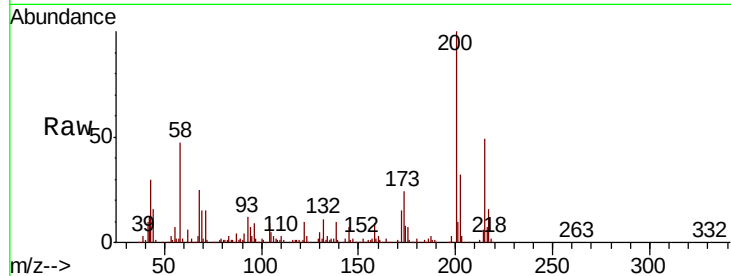
#69
Atrazine
Concen: 42.970 ng
RT: 16.98 min Scan# 2364
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	240840		
173	24.5	3.9	43.9	
215	48.7	30.9	70.9	

Manual Integrations
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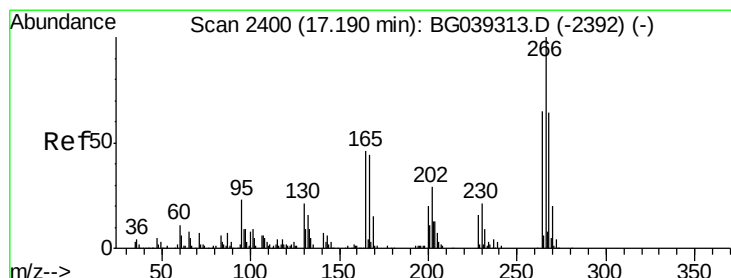
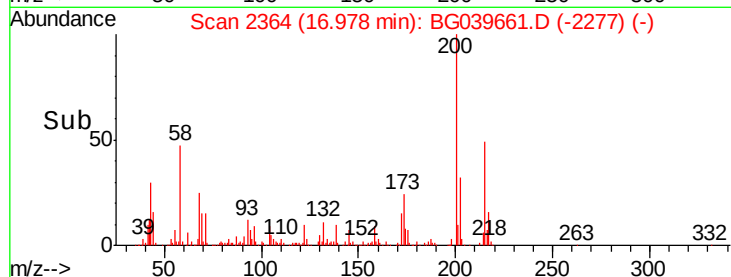
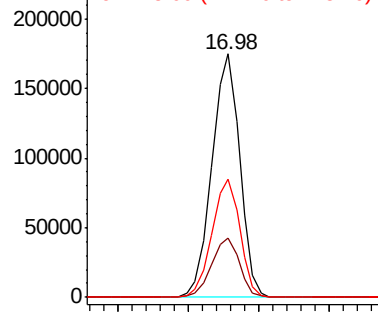


Abundance

Ion 200.00 (199.70 to 200.70): E

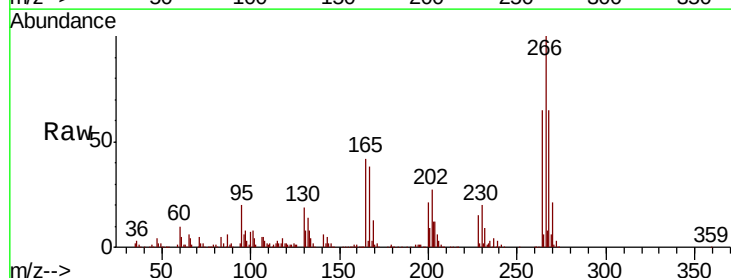
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 67.022 ng
RT: 17.18 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	261521		
268	65.2	51.1	76.7	
264	65.0	52.1	78.1	

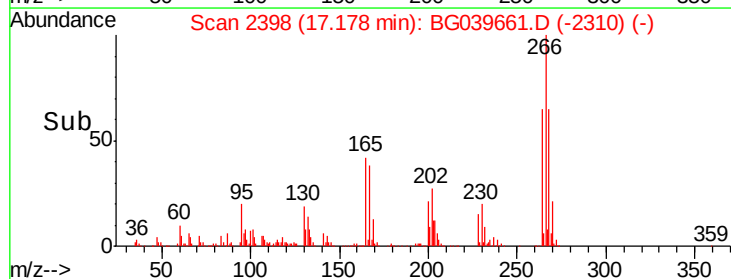
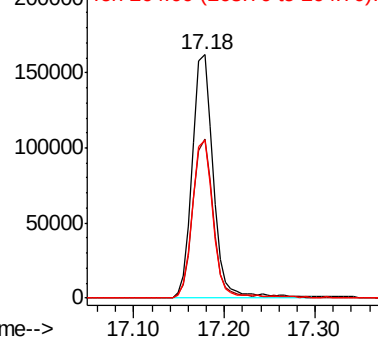


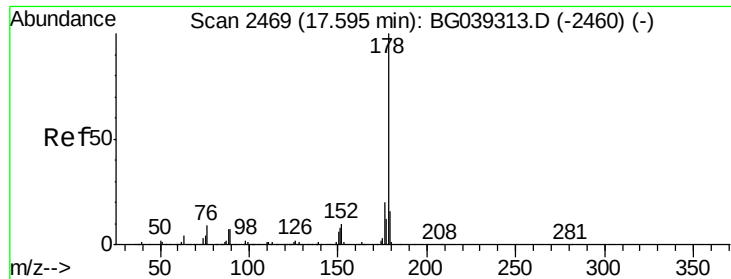
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





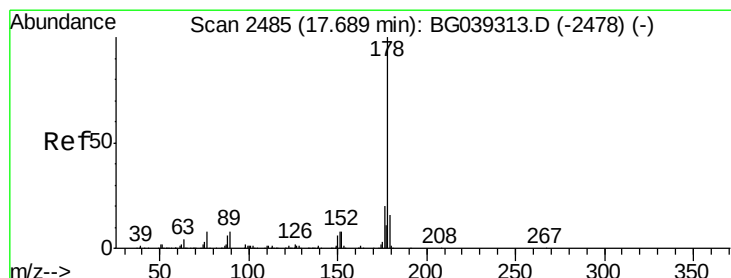
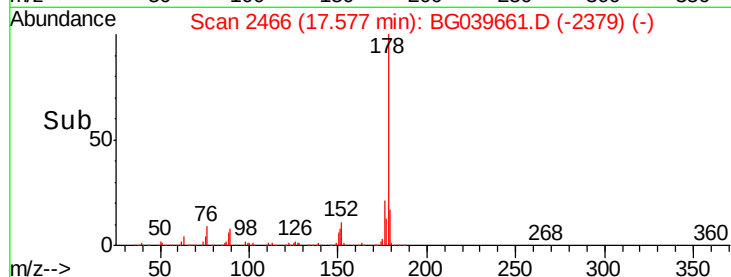
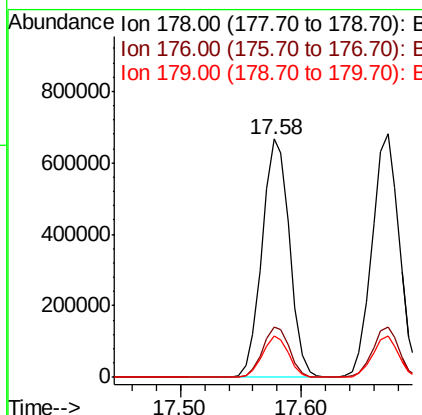
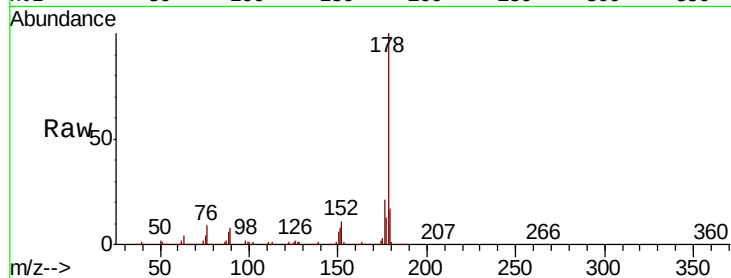
#71
Phenanthrene
Concen: 40.344 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion:178 Resp: 1053246
Ion Ratio Lower Upper
178 100
176 21.1 16.2 24.4
179 17.1 12.6 19.0

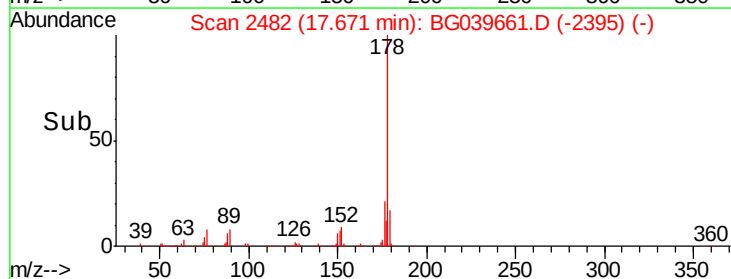
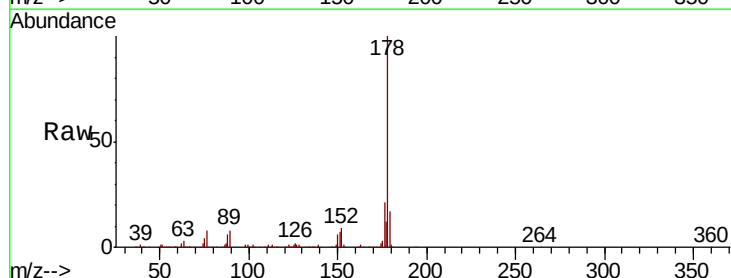
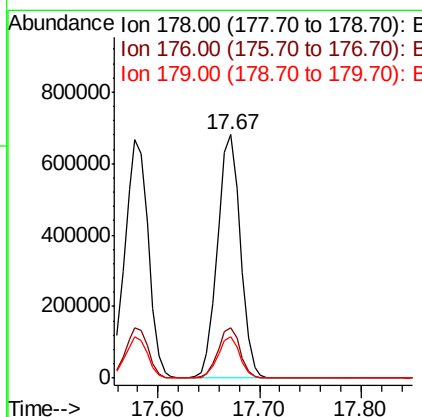
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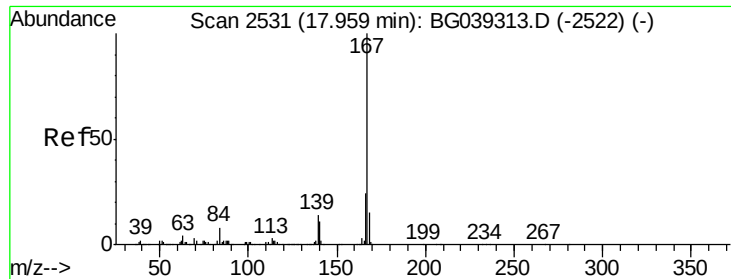
Sohil
3/1/2019 4:23:24 PM



#72
Anthracene
Concen: 41.497 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion:178 Resp: 1067080
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.6
179 17.0 12.5 18.7





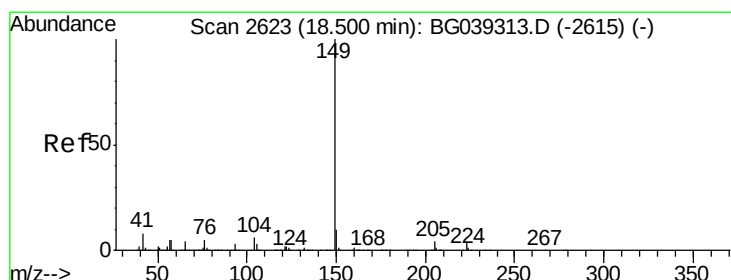
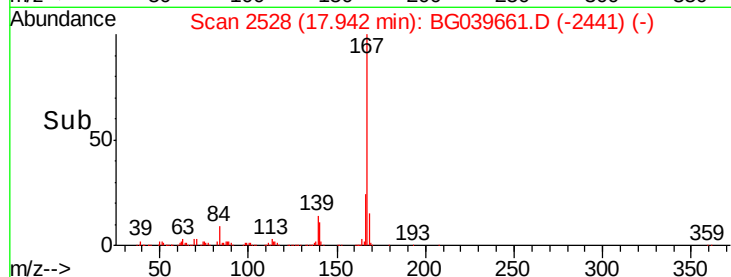
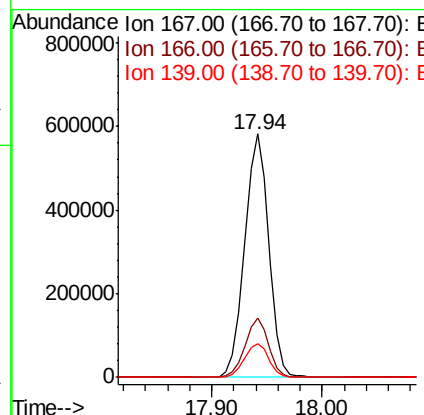
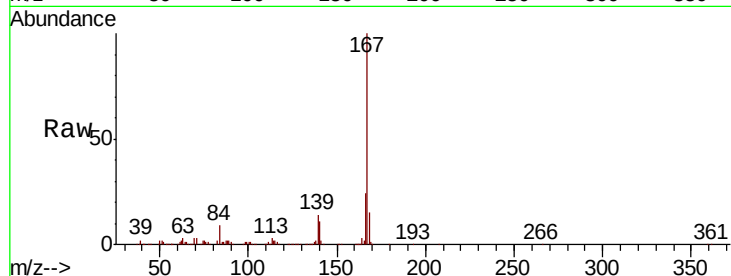
#73
 Carbazole
 Concen: 34.662 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Instrument :
 BNA_G
 ClientSampleId :
 PB117458BS

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

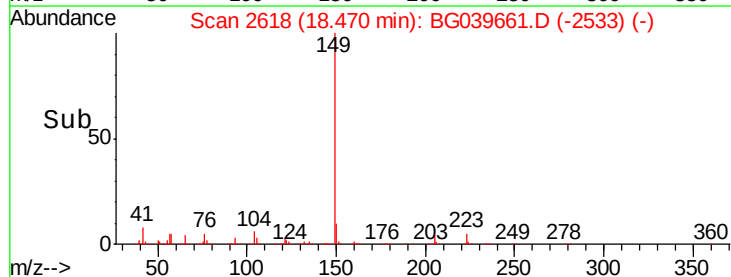
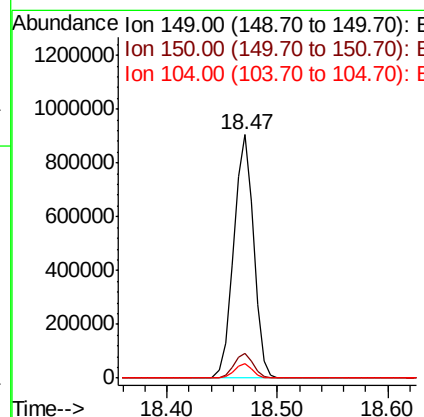
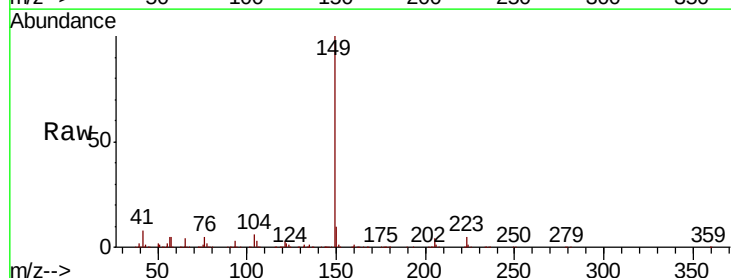
Manual Integrations
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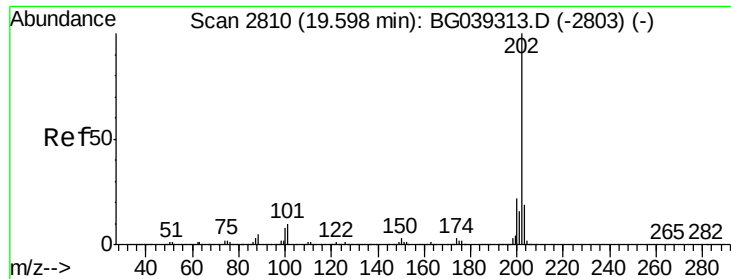
Sohil
 3/1/2019 4:23:24 PM



#74
 Di-n-butylphthalate
 Concen: 38.286 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.4	7.7	11.5	
104	5.9	4.5	6.7	





#75

Fluoranthene

Concen: 36.782 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

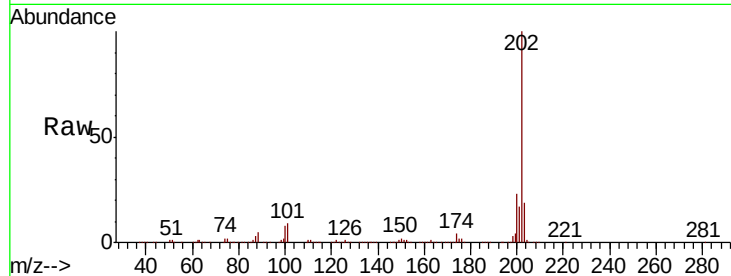
ClientSampleId :

PB117458BS

Tot Ion:	202	Resp:	1114545
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.0
203	18.8	0.0	38.9

Manual Integrations
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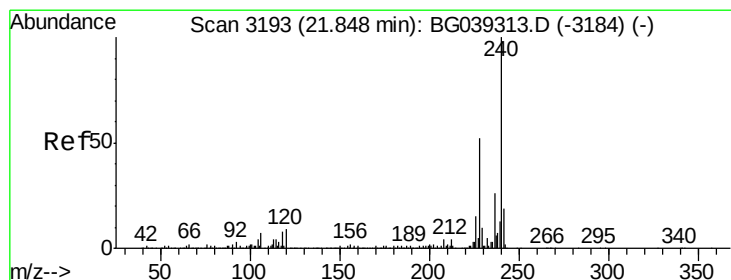
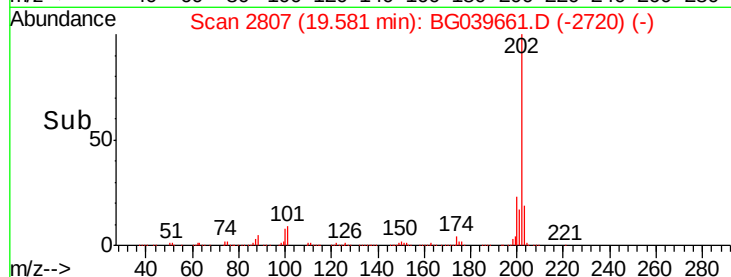
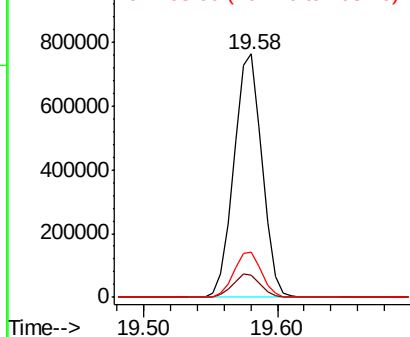


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

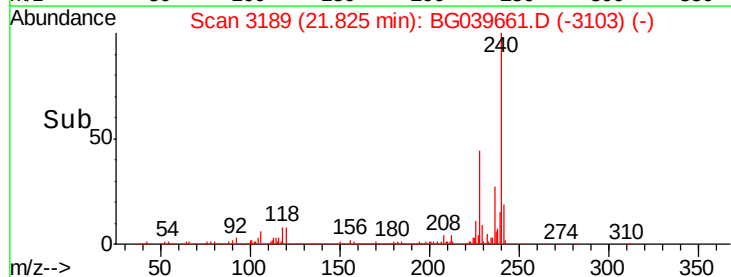
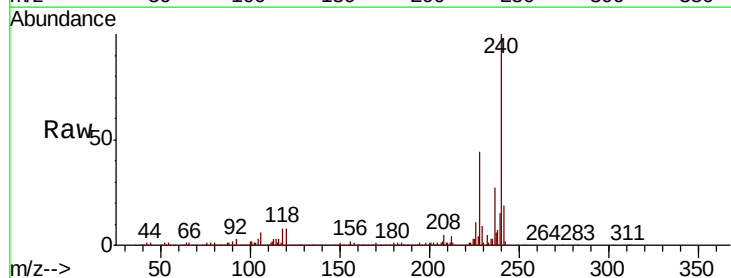
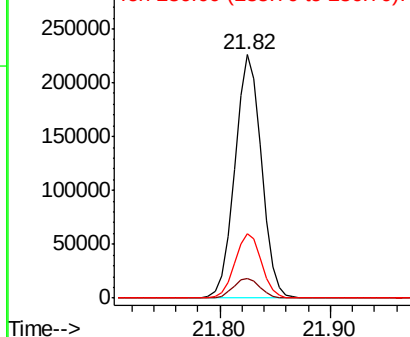
Tgt Ion:	240	Resp:	382188
Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.0	10.6
236	26.5	21.0	31.4

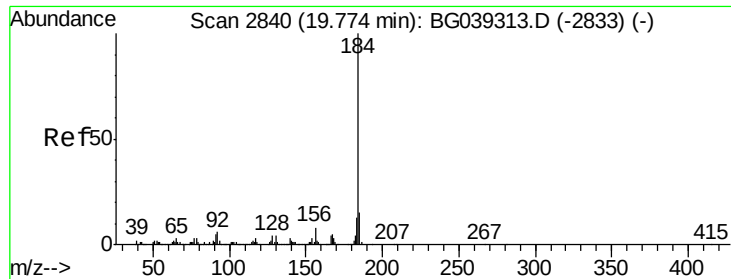
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.740 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

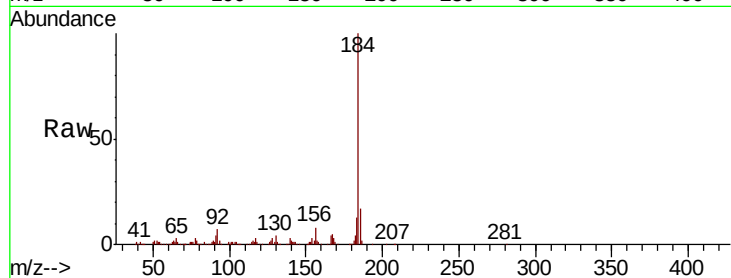
ClientSampleId :

PB117458BS

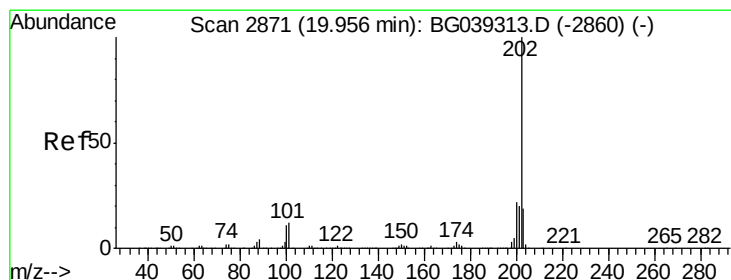
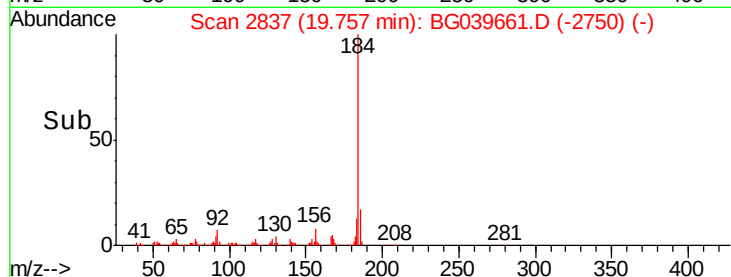
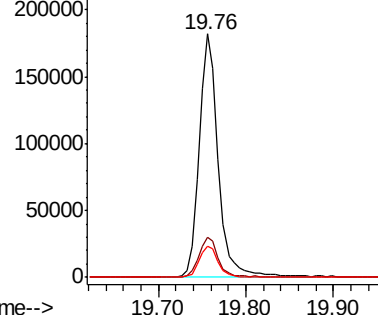
Tot Ion:	184	Resp:	272406
Ion Ratio	Lower	Upper	
184	100		
185	16.7	12.2	18.2
183	13.0	10.6	15.8

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



#78

Pyrene

Concen: 45.664 ng

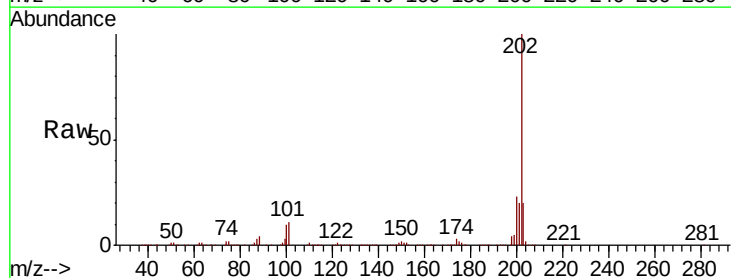
RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

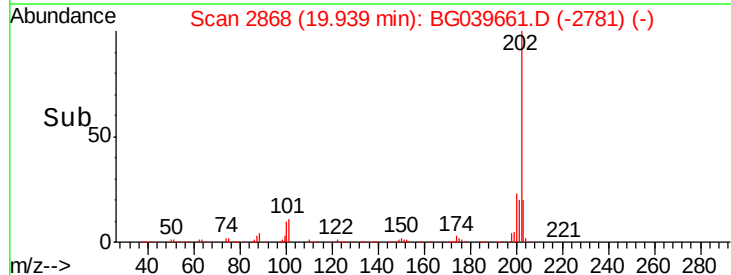
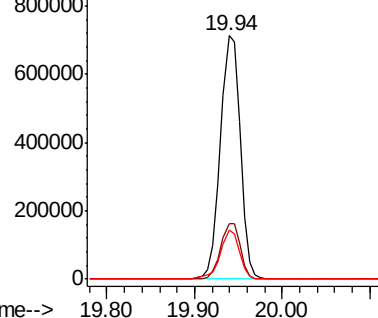
Lab File: BG039661.D

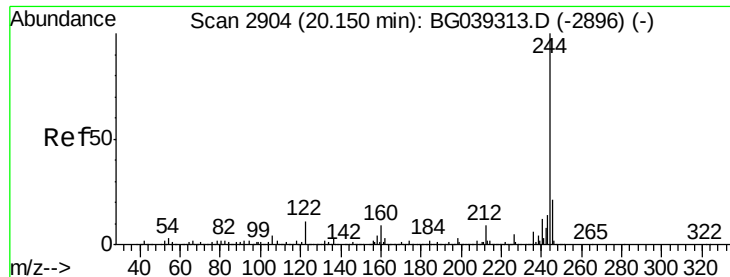
Acq: 28 Feb 2019 15:42

Tgt Ion:	202	Resp:	1086452
Ion Ratio	Lower	Upper	
202	100		
200	22.8	17.8	26.8
203	20.1	15.3	22.9



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





#79

Terphenyl-d14

Concen: 84.629 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampleId :

PB117458BS

Tot Ion:244 Resp: 1528048

Ion Ratio Lower Upper

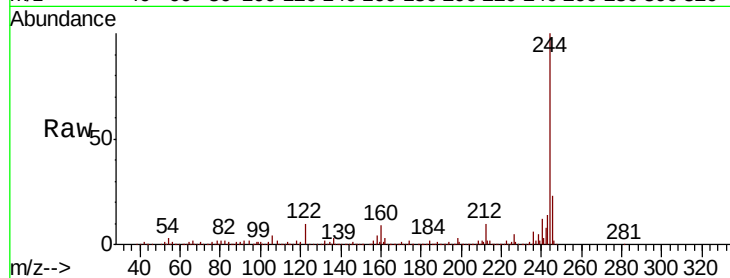
244 100

212 10.2 7.3 10.9

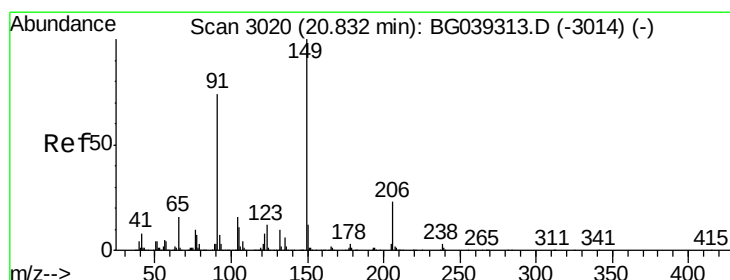
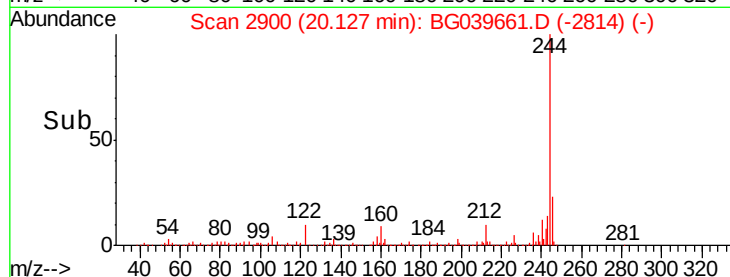
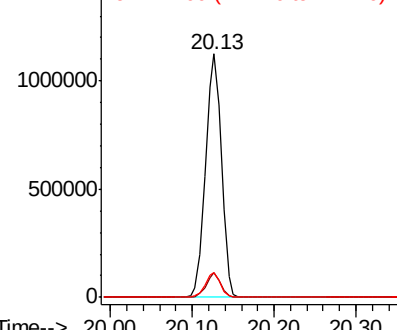
122 10.0 8.4 12.6

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



#80

Butylbenzylphthalate

Concen: 40.810 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.03 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

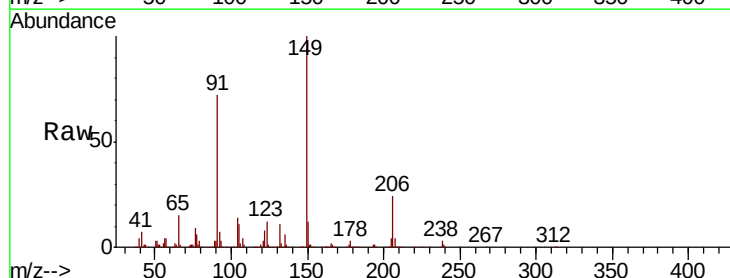
Tgt Ion:149 Resp: 409585

Ion Ratio Lower Upper

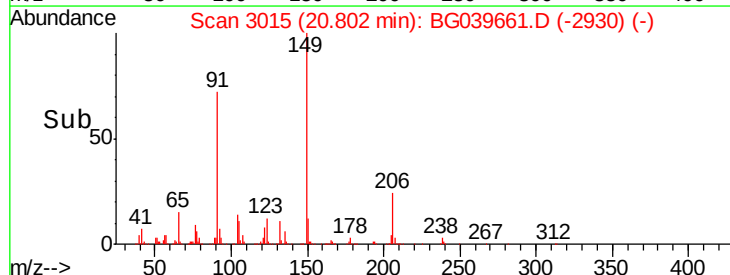
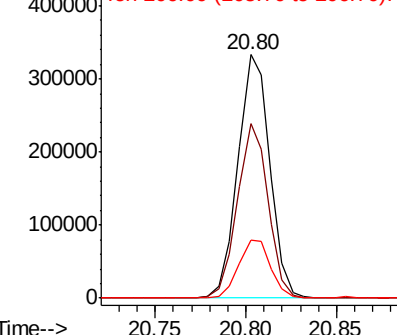
149 100

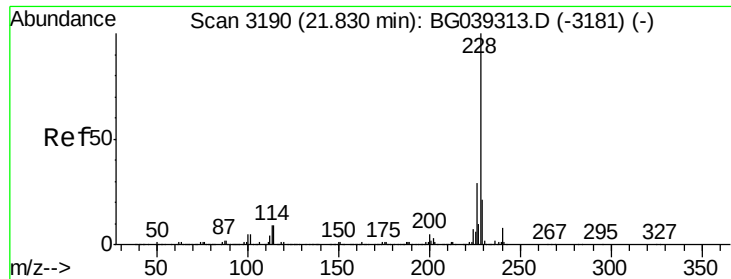
91 71.5 59.5 89.3

206 23.8 18.6 27.8



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





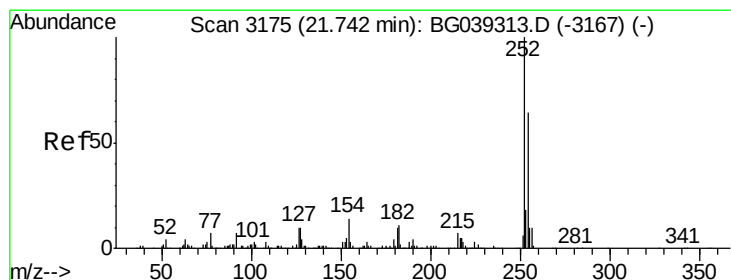
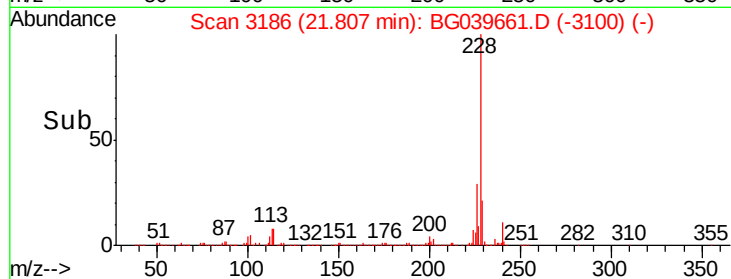
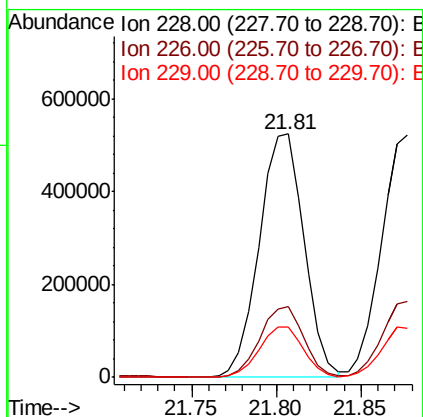
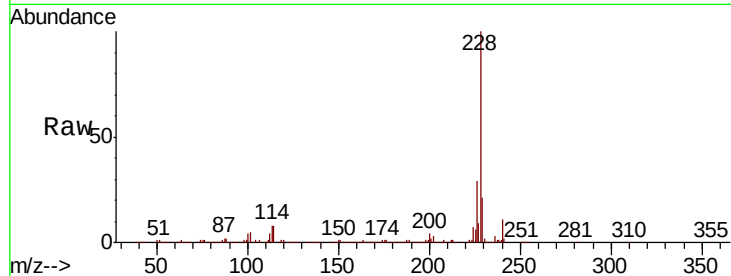
#81
Benzo(a)anthracene
Concen: 42.576 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	20.9	16.9	25.3

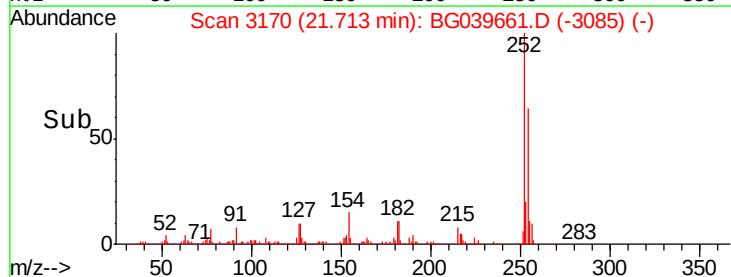
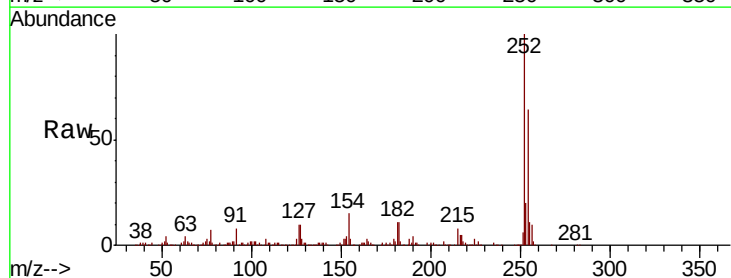
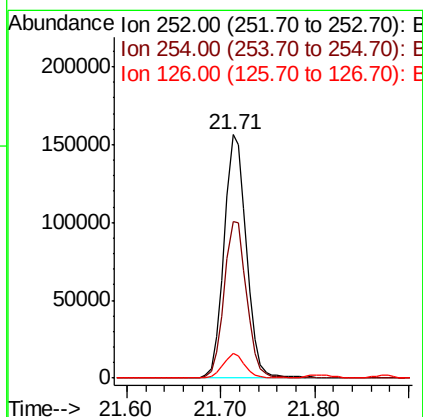
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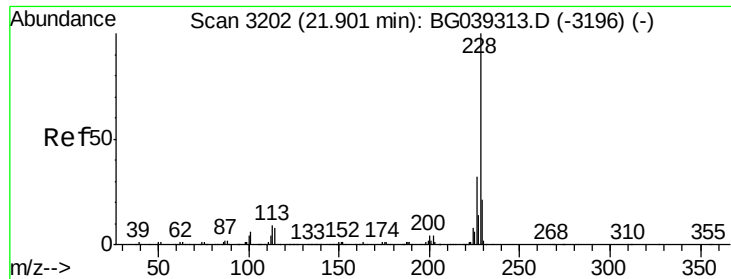
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#82
3,3'-Dichlorobenzidine
Concen: 30.836 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.03 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.3	76.9
126	10.3	8.0	12.0





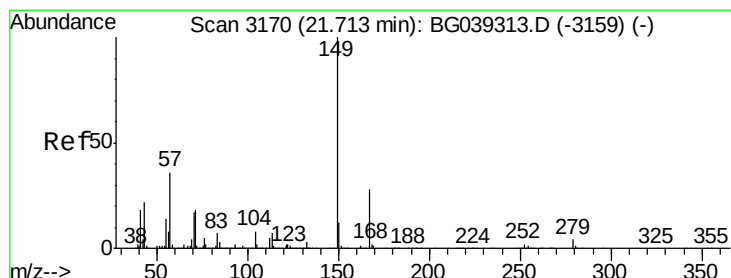
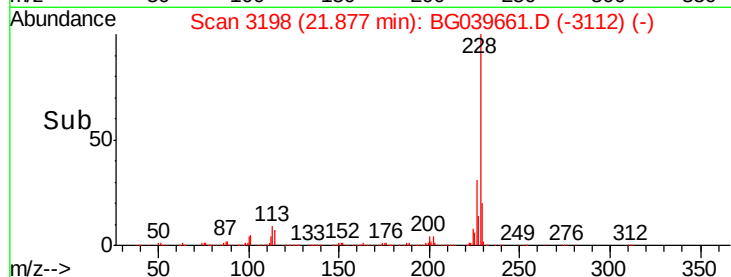
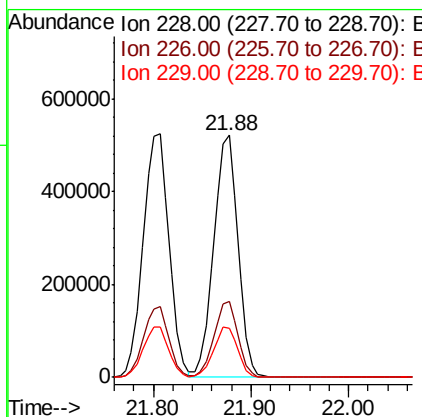
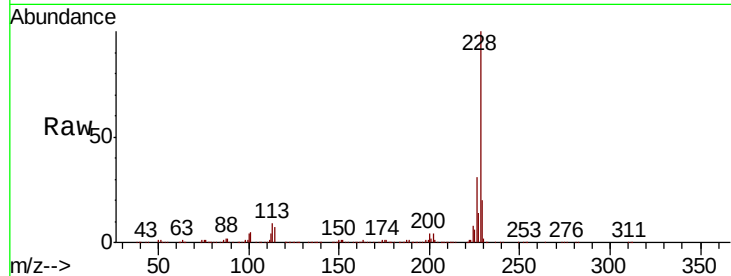
#83
Chrysene
Concen: 41.772 ng
RT: 21.88 min Scan# 3198
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion:	228	Resp:	898007
Ion Ratio		Lower	Upper
228	100		
226	31.3	25.8	38.6
229	20.4	16.6	25.0

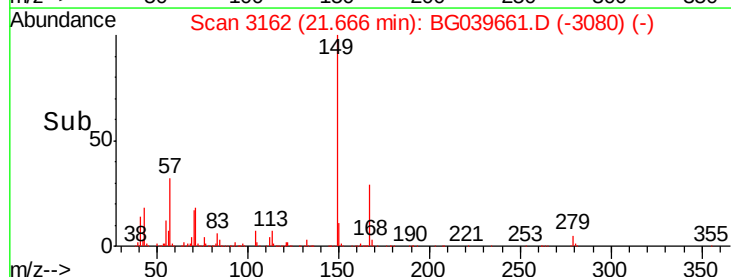
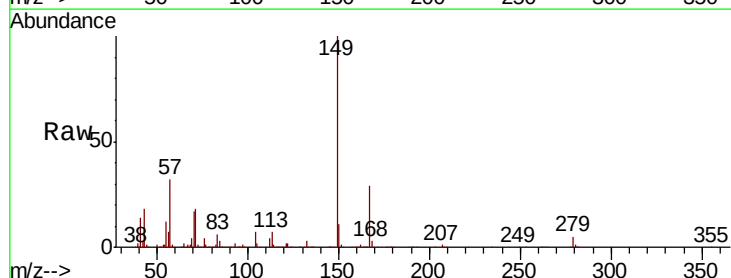
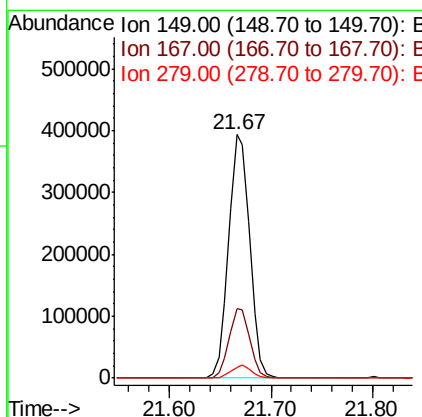
Manual Integrations
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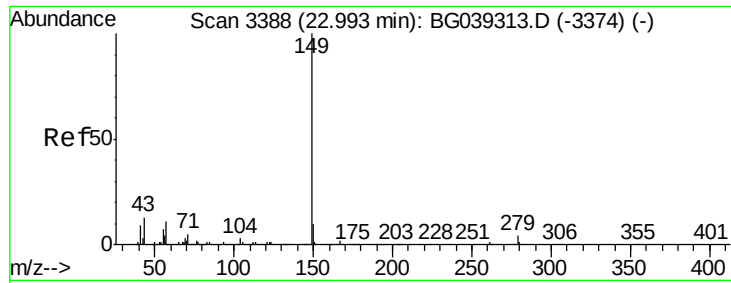
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.571 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.05 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion:	149	Resp:	566590
Ion Ratio		Lower	Upper
149	100		
167	28.7	22.6	34.0
279	4.5	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 41.061 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.06 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

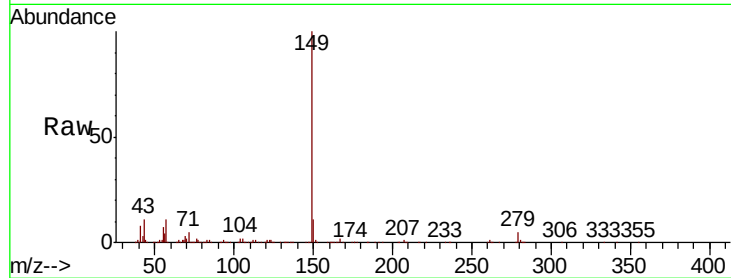
ClientSampleId :

PB117458BS

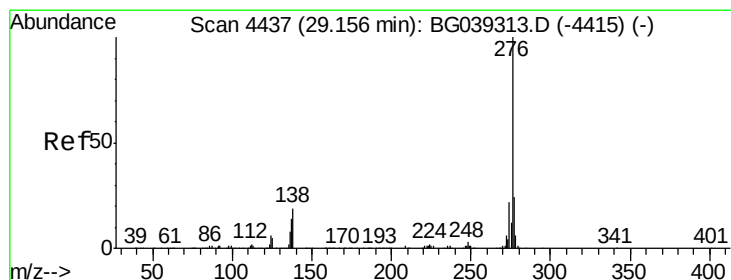
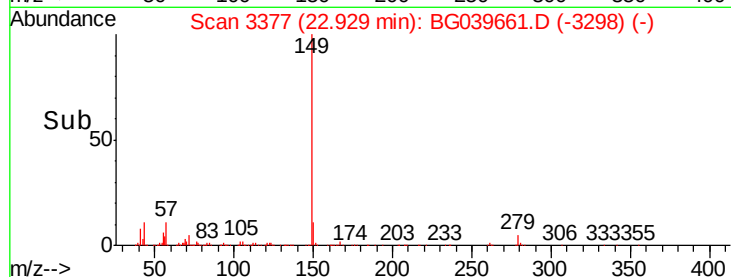
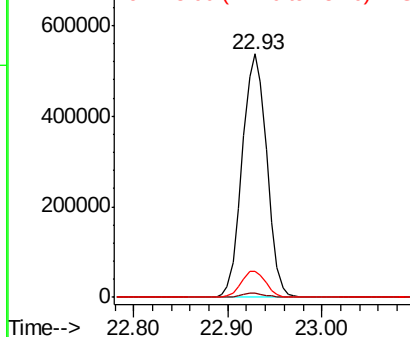
Tot Ion:	149	Resp:	971311
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.7	10.2	15.4

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.085 ng

RT: 29.09 min Scan# 4425

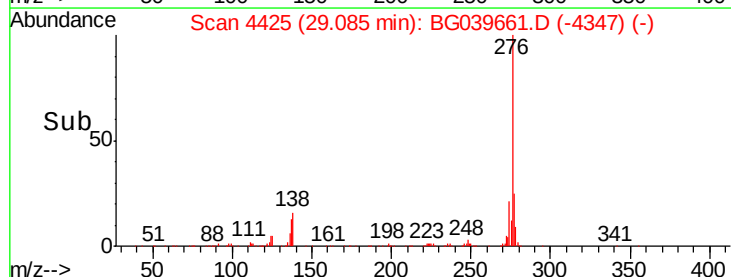
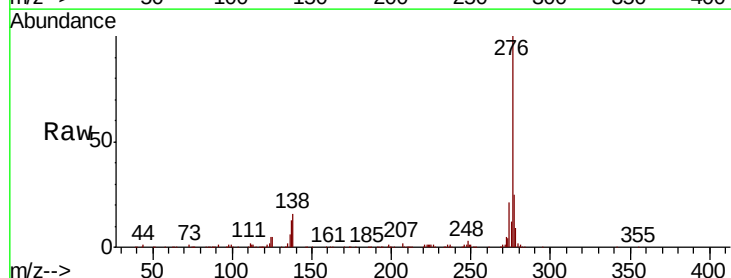
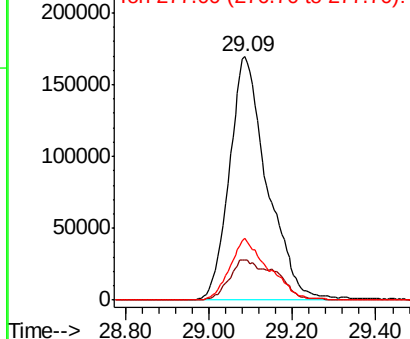
Delta R.T. -0.07 min

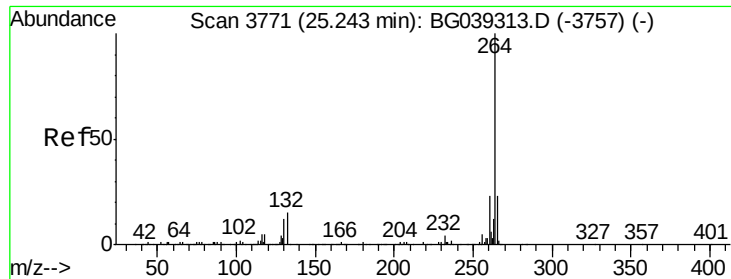
Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Tgt Ion:	276	Resp:	1062967
Ion Ratio	Lower	Upper	
276	100		
138	20.3	12.6	19.0#
277	25.8	20.8	31.2

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





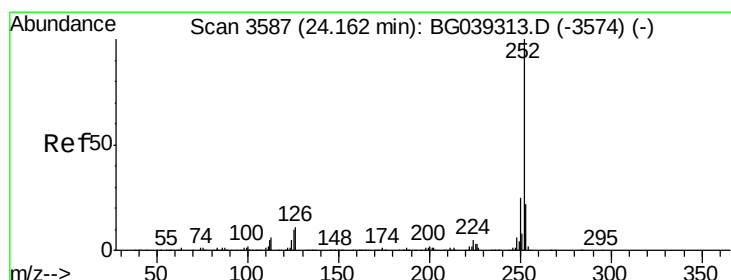
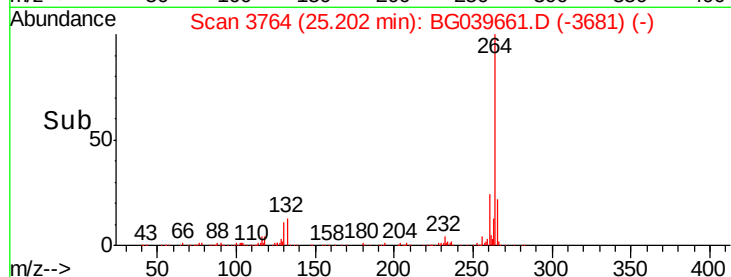
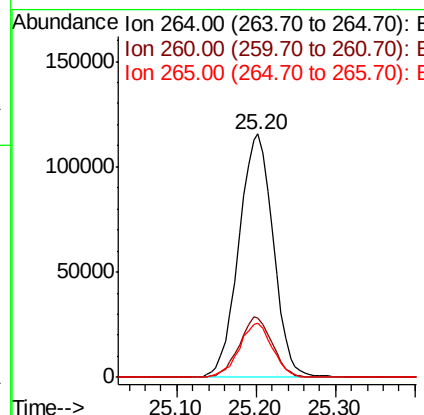
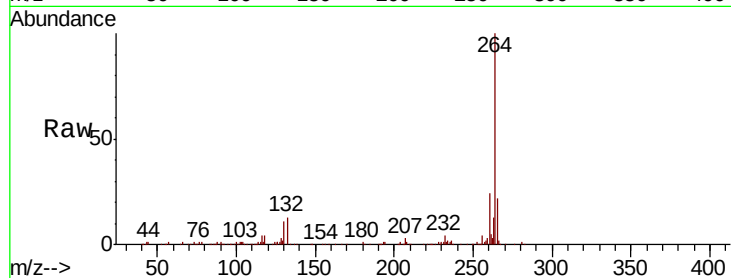
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	22.1	18.5	27.7

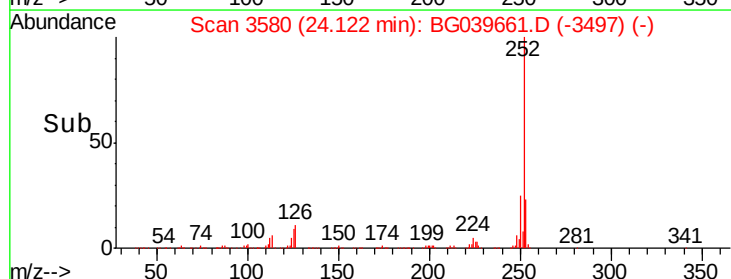
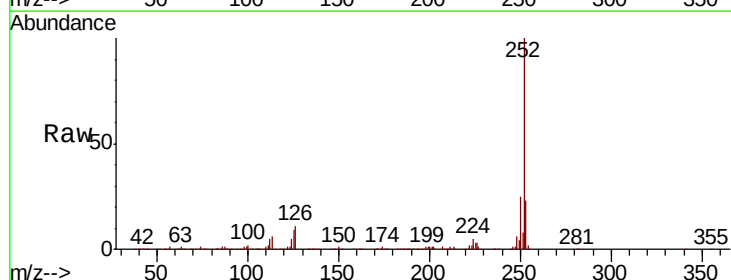
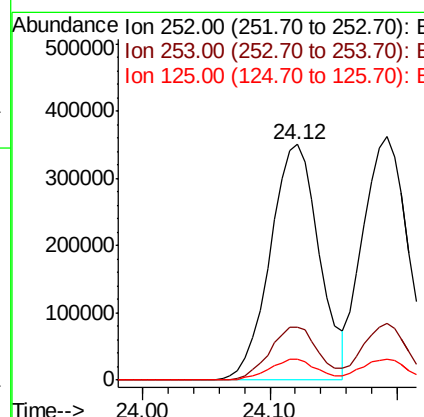
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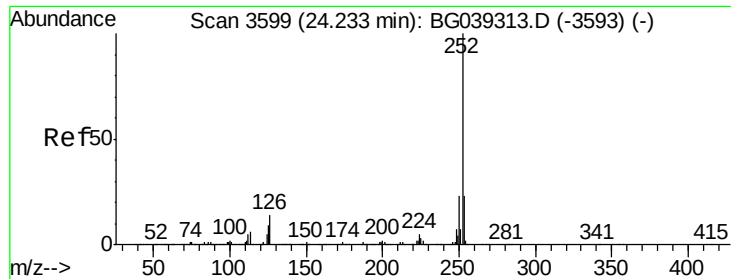
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#88
Benzo(b)fluoranthene
Concen: 49.830 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.04 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	8.9	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 46.995 ng

RT: 24.19 min Scan# 3592

Delta R.T. -0.04 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

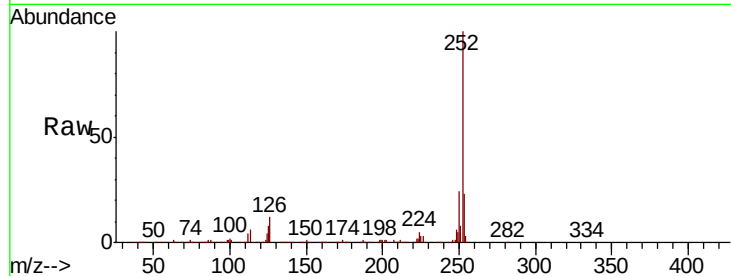
ClientSampleId :

PB117458BS

Tot Ion:	252	Resp:	893310
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.2
125	8.3	7.4	11.2

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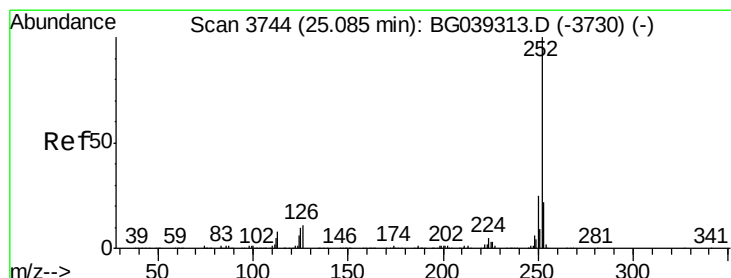
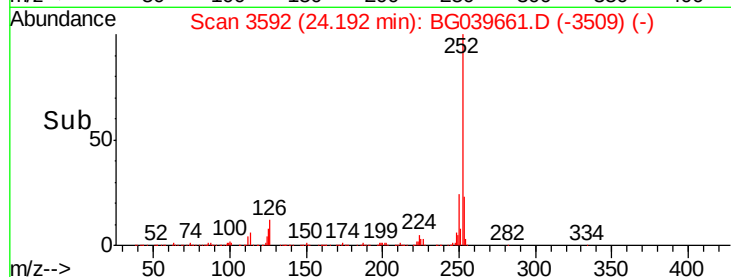
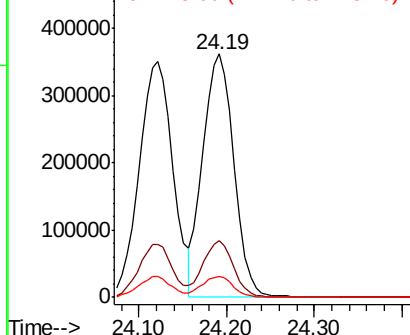


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.960 ng

RT: 25.04 min Scan# 3737

Delta R.T. -0.04 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

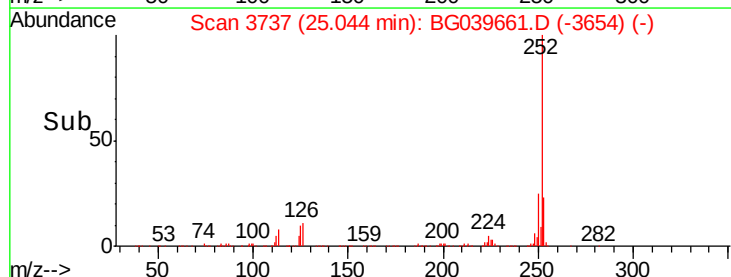
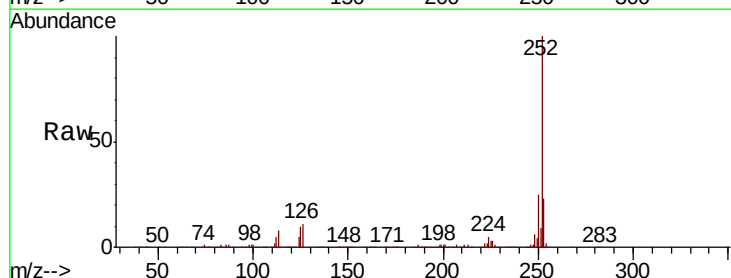
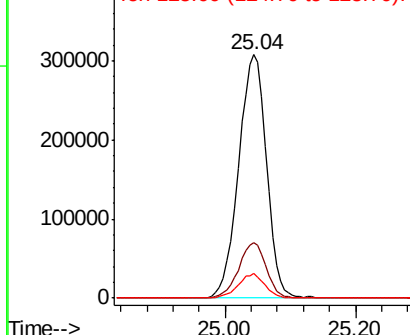
Tgt Ion:	252	Resp:	910982
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.9	26.9
125	10.4	8.3	12.5

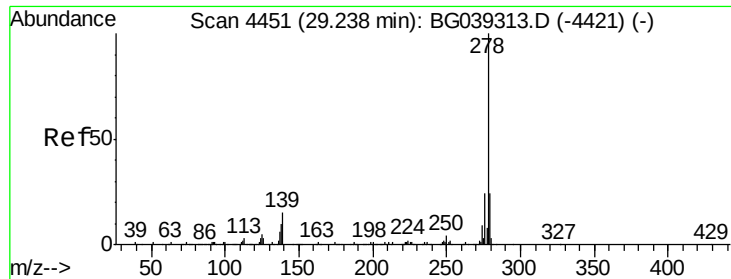
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.503 ng

RT: 29.16 min Scan# 4437

Delta R.T. -0.08 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

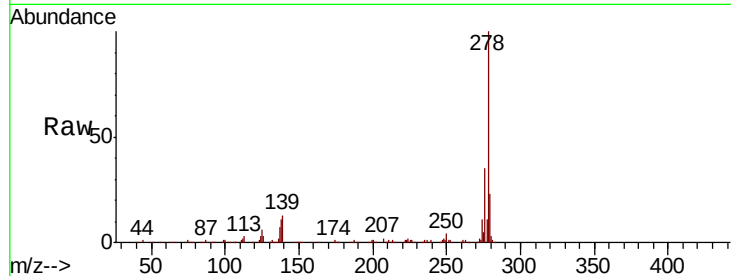
ClientSampleId :

PB117458BS

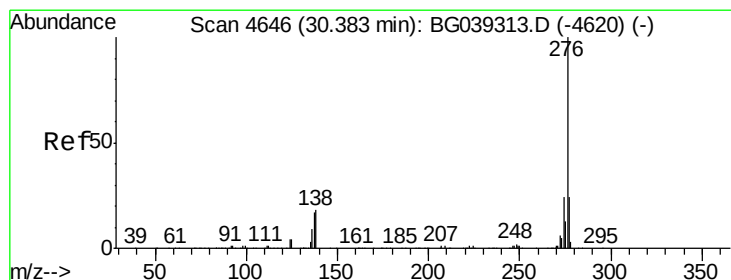
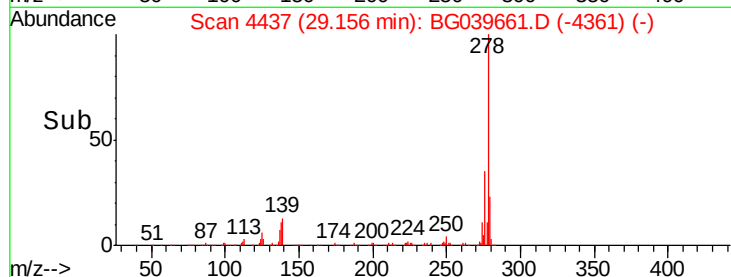
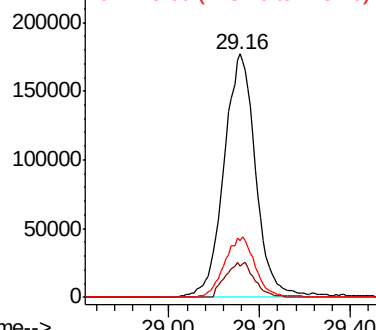
Tot Ion:	278	Resp:	862404
Ion Ratio	Lower	Upper	
278	100		
139	12.6	11.7	17.5
279	23.3	19.1	28.7

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



#92

Benzo(g,h,i)perylene

Concen: 51.134 ng

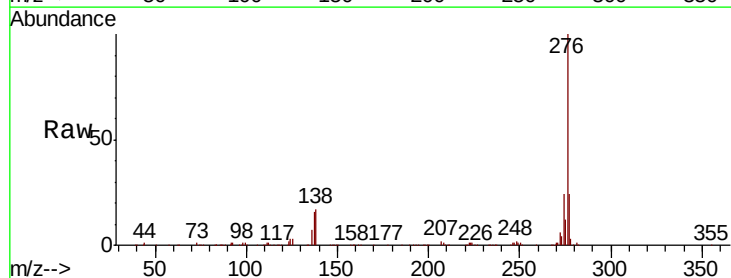
RT: 30.31 min Scan# 4633

Delta R.T. -0.08 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Tgt Ion:	276	Resp:	870321
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.6	29.4
138	16.7	14.7	22.1



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

