

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
 Data File : BG039765.D
 Acq On : 5 Mar 2019 15:27
 Operator : JU/SJ
 Sample : PB117619BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

Manual Integrations
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Sohil
 3/6/2019 12:01:05 PM

Quant Time: Mar 06 00:47:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39997	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	178243	20.00	ng	-0.01
39) Acenaphthene-d10	14.79	164	126863	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	320617	20.00	ng	0.00
76) Chrysene-d12	21.82	240	324613	20.00	ng	-0.01
87) Perylene-d12	25.19	264	328413	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	343936	146.70	ng	0.00
7) Phenol-d6	7.30	99	487777	139.53	ng	-0.01
23) Nitrobenzene-d5	9.33	82	257726	78.20	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	203326	137.50	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	664232	74.55	ng	-0.01
79) Terphenyl-d14	20.12	244	1148097	77.87	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	40907	37.793	ng	95
3) Pyridine	3.99	79	102438	35.351	ng	95
4) n-Nitrosodimethylamine	3.91	42	55924	40.682	ng	96
6) Aniline	7.48	93	143935	31.427	ng	97
8) 2-Chlorophenol	7.72	128	123595	43.454	ng	95
9) Benzaldehyde	7.30	77	79946	35.453	ng	98
10) Phenol	7.33	94	173954	45.934	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	115787	39.215	ng	97
12) 1,3-Dichlorobenzene	8.04	146	126574	39.347	ng	99
13) 1,4-Dichlorobenzene	8.19	146	129245	39.444	ng	98
14) 1,2-Dichlorobenzene	8.51	146	126306	39.897	ng	99
15) Benzyl Alcohol	8.39	79	121099	43.671	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	229264	38.823	ng	100
17) 2-Methylphenol	8.59	107	111303	46.093	ng	98
18) Hexachloroethane	9.24	117	45801	38.956	ng	100
19) n-Nitroso-di-n-propylamine	8.96	70	98156	39.010	ng	92
20) 3+4-Methylphenols	8.92	107	156060	46.521	ng	97
22) Acetophenone	8.99	105	189140	39.536	ng	# 94
24) Nitrobenzene	9.37	77	146335	42.325	ng	96
25) Isophorone	9.89	82	284607	41.215	ng	96
26) 2-Nitrophenol	10.09	139	72229	43.269	ng	99
27) 2,4-Dimethylphenol	10.13	122	136521	52.585	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	172556	41.119	ng	97
29) 2,4-Dichlorophenol	10.61	162	139859	47.847	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	134647	40.936	ng	98
31) Naphthalene	11.03	128	391839	41.521	ng	99
32) Benzoic acid	10.26	122	74458	42.626	ng	98
33) 4-Chloroaniline	11.14	127	100132	25.022	ng	97
34) Hexachlorobutadiene	11.29	225	87346	38.861	ng	91
35) Caprolactam	11.92	113	50374m	45.114	ng	
36) 4-Chloro-3-methylphenol	12.24	107	154430	46.088	ng	97
37) 2-Methylnaphthalene	12.62	142	304124	43.104	ng	97
38) 1-Methylnaphthalene	12.84	142	290741	42.403	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	167627	39.003	ng	99

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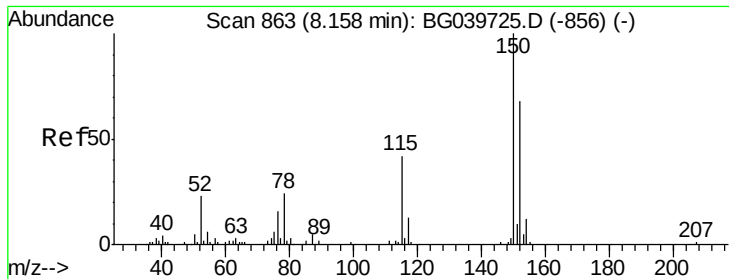
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	224535	97.488	nq	99
43) 2,4,6-Trichlorophenol	13.22	196	116808	46.423	nq	96
44) 2,4,5-Trichlorophenol	13.29	196	129218	45.561	nq	99
46) 1,1'-Biphenyl	13.62	154	414984	39.771	nq	99
47) 2-Chloronaphthalene	13.67	162	322511	41.086	nq	98
48) 2-Nitroaniline	13.87	65	111699	44.279	nq	93
49) Acenaphthylene	14.51	152	519856	40.343	nq	99
50) Dimethylphthalate	14.23	163	441059	41.577	nq	100
51) 2,6-Dinitrotoluene	14.36	165	97525	43.366	nq	98
52) Acenaphthene	14.85	154	318296	41.040	nq	97
53) 3-Nitroaniline	14.70	138	63615	28.141	nq	# 98
54) 2,4-Dinitrophenol	14.90	184	93822	67.064	nq	98
55) Dibenzofuran	15.18	168	523537	41.143	nq	99
56) 4-Nitrophenol	14.99	139	173089	85.592	nq	91
57) 2,4-Dinitrotoluene	15.14	165	140007	44.307	nq	89
58) Fluorene	15.83	166	411875	41.173	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	127357	45.979	nq	98
60) Diethylphthalate	15.58	149	444294	42.308	nq	98
61) 4-Chlorophenyl-phenylether	15.81	204	217229	40.694	nq	95
62) 4-Nitroaniline	15.86	138	103610	42.277	nq	92
63) Azobenzene	16.11	77	397941	41.804	nq	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	76776	40.500	nq	97
66) n-Nitrosodiphenylamine	16.03	169	386991	41.693	nq	97
67) 4-Bromophenyl-phenylether	16.71	248	145587	40.567	nq	96
68) Hexachlorobenzene	16.82	284	150526	40.464	nq	93
69) Atrazine	16.97	200	157053	42.993	nq	97
70) Pentachlorophenol	17.17	266	193015	82.156	nq	98
71) Phenanthrene	17.57	178	709214	40.159	nq	99
72) Anthracene	17.66	178	720336	41.857	nq	98
73) Carbazole	17.93	167	641786	41.367	nq	99
74) Di-n-butylphthalate	18.46	149	779151	42.684	nq	99
75) Fluoranthene	19.57	202	865340	41.461	nq	99
77) Benzidine	19.75	184	394455	38.293	nq	97
78) Pyrene	19.94	202	861438	40.839	nq	98
80) Butylbenzylphthalate	20.80	149	357312	43.723	nq	97
81) Benzo(a)anthracene	21.80	228	819717	40.292	nq	100
82) 3,3'-Dichlorobenzidine	21.71	252	179235	24.131	nq	99
83) Chrysene	21.87	228	784470	39.774	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	500251	43.561	nq	99
85) Di-n-octyl phthalate	22.92	149	844789	44.428	nq	96
86) Indeno(1,2,3-cd)pyrene	29.07	276	937615	41.904	nq	# 96
88) Benzo(b)fluoranthene	24.11	252	826076	42.181	nq	99
89) Benzo(k)fluoranthene	24.18	252	780117	42.794	nq	99
90) Benzo(a)pyrene	25.03	252	798861	44.144	nq	99
91) Dibenzo(a,h)anthracene	29.14	278	758939	42.778	nq	99
92) Benzo(g,h,i)perylene	30.31	276	774093	43.445	nq	98

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



#1

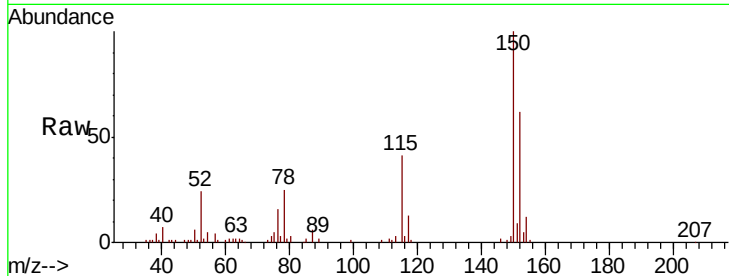
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	123.7	185.5
115	64.9	45.9	68.9

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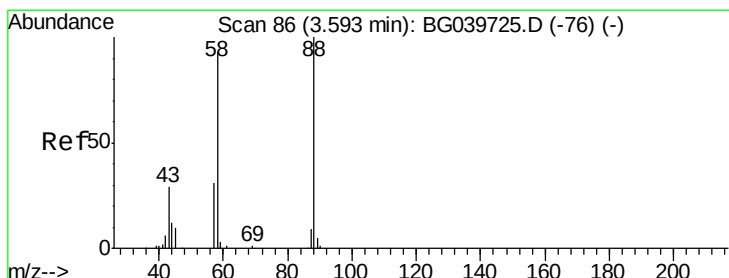
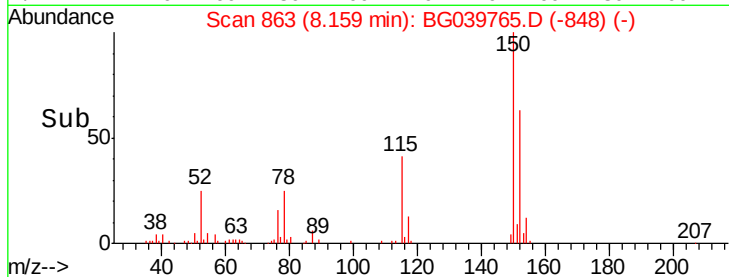
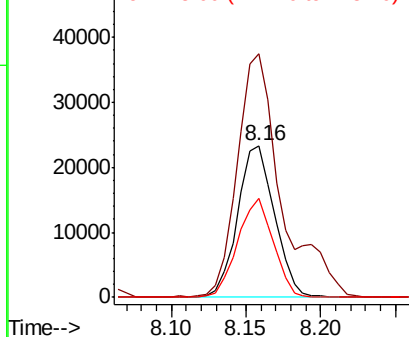


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

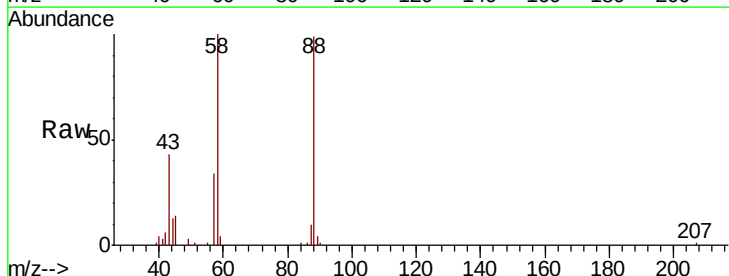
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.793 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.1	81.1	121.7
43	39.6	31.4	47.0

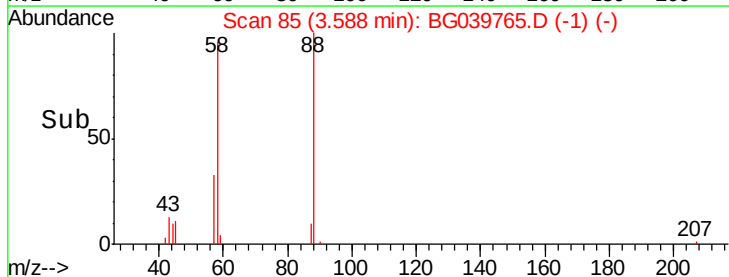
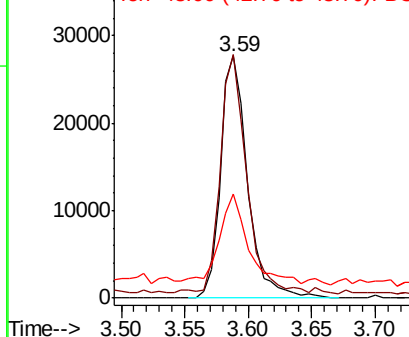


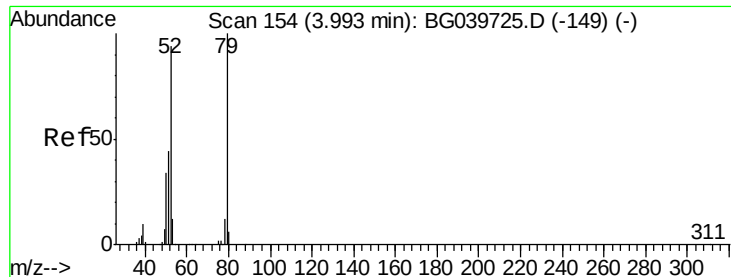
Abundance

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: 35.351 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

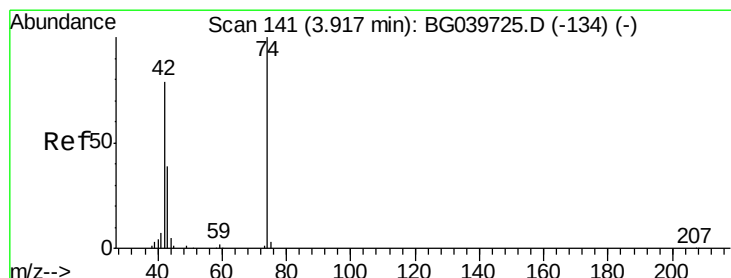
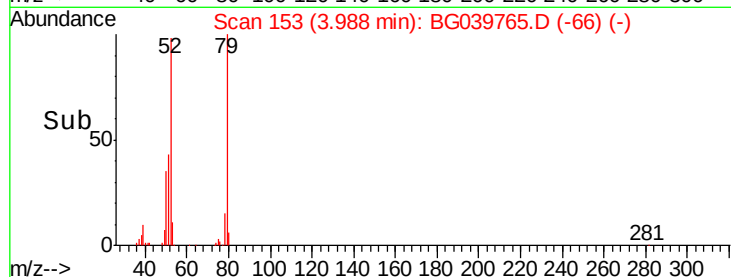
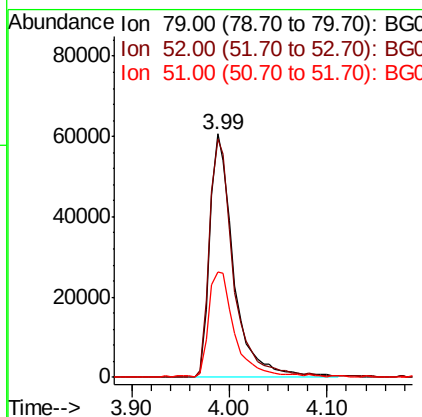
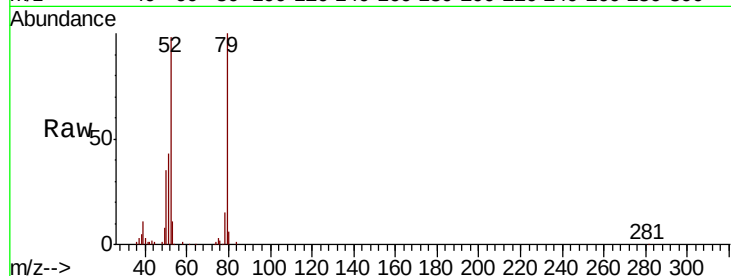
ClientSampleId :

PB117619BS

Tot Ion:	79	Resp:	102438
Ion Ratio	Lower	Upper	
79	100		
52	97.8	82.6	124.0
51	43.4	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 40.682 ng

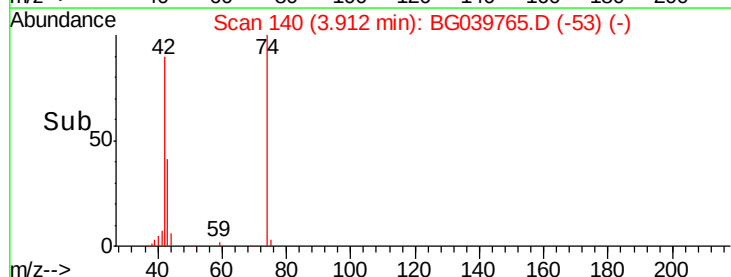
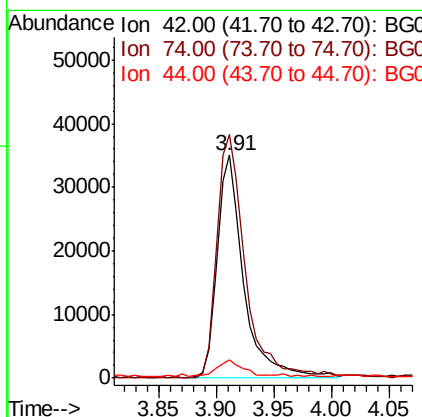
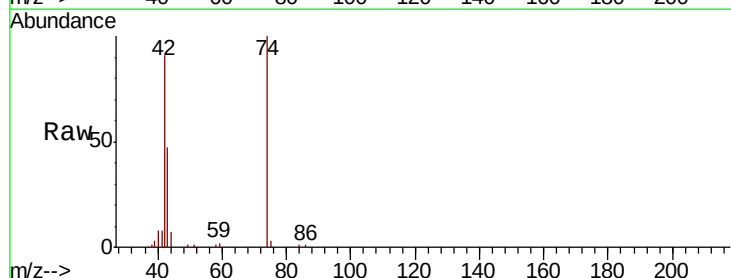
RT: 3.91 min Scan# 140

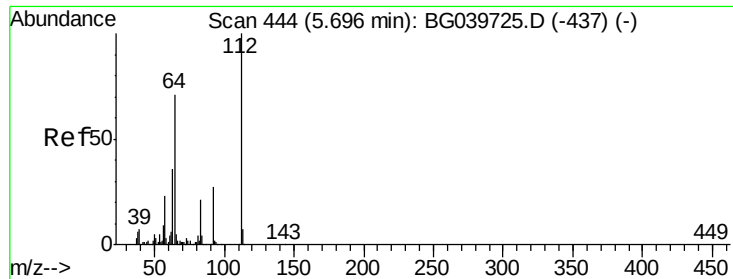
Delta R.T. -0.02 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion:	42	Resp:	55924
Ion Ratio	Lower	Upper	
42	100		
74	109.3	83.6	125.4
44	8.1	6.9	10.3





#5

2-Fluorophenol

Concen: 146.700 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

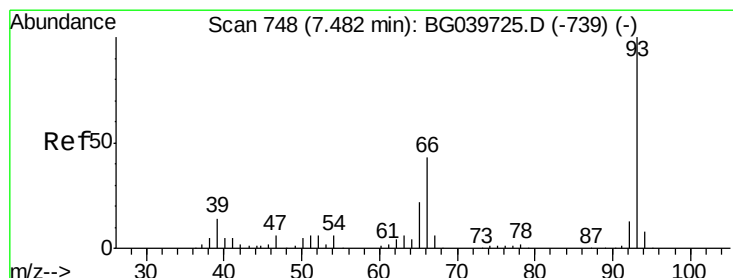
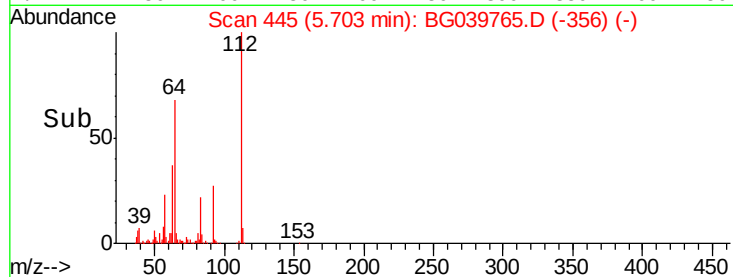
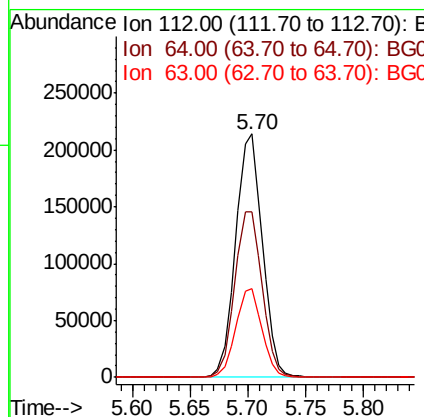
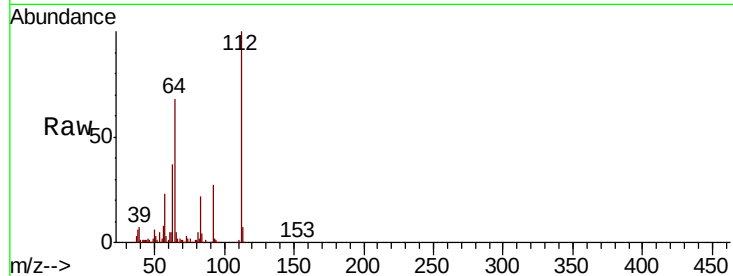
ClientSampled :

PB117619BS

Tot Ion:	112	Resp:	343936
Ion Ratio	Lower	Upper	
112	100		
64	68.1	57.8	86.8
63	36.6	29.8	44.6

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#6

Aniline

Concen: 31.427 ng

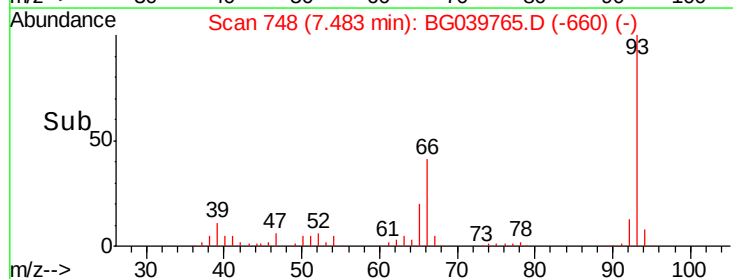
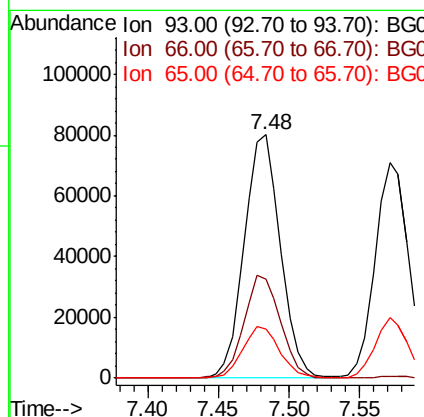
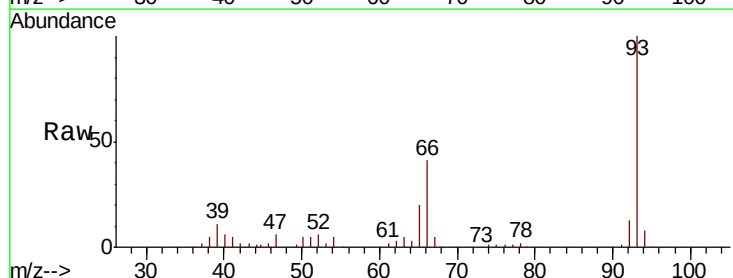
RT: 7.48 min Scan# 748

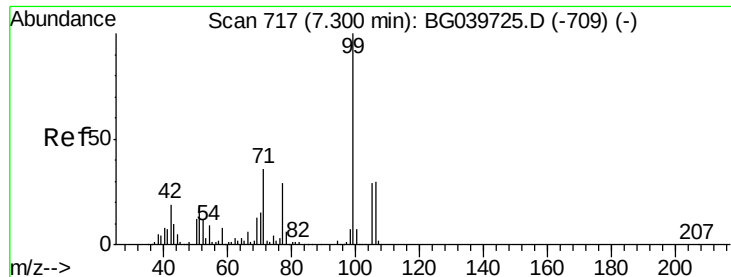
Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion:	93	Resp:	143935
Ion Ratio	Lower	Upper	
93	100		
66	40.9	34.2	51.4
65	20.4	17.7	26.5





#7

Phenol-d6

Concen: 139.534 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

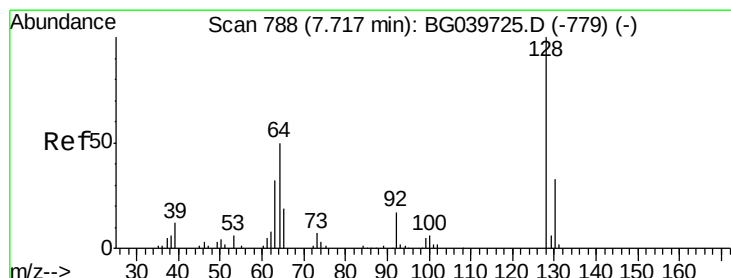
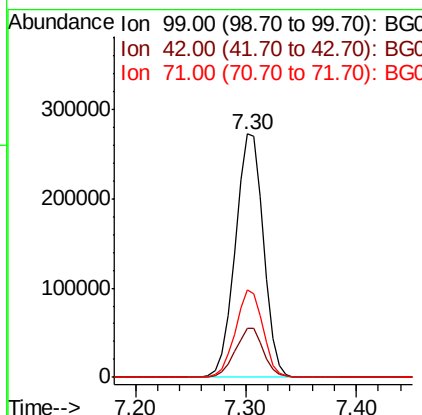
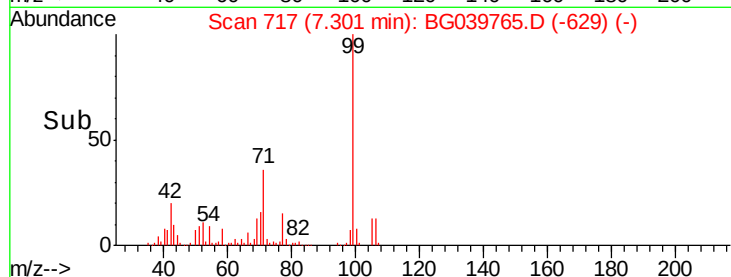
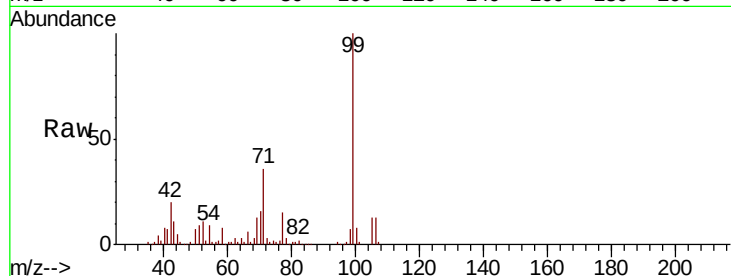
ClientSampleId :

PB117619BS

Tot Ion:	99	Resp:	487777
Ion Ratio	Lower	Upper	
99	100		
42	20.3	18.2	27.2
71	36.0	28.0	42.0

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#8

2-Chlorophenol

Concen: 43.454 ng

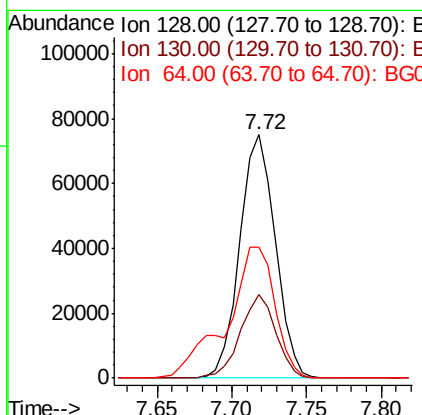
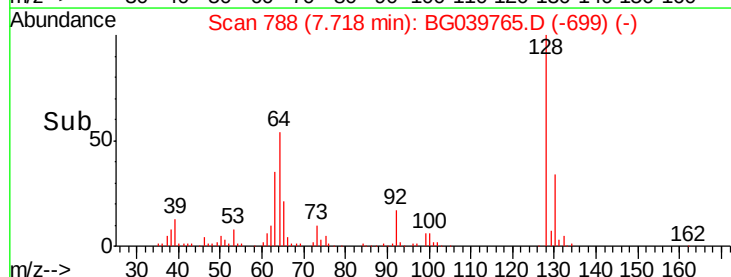
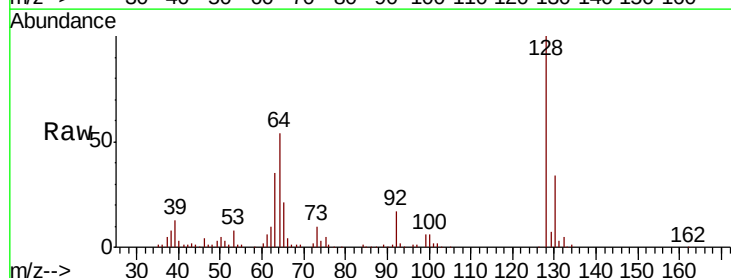
RT: 7.72 min Scan# 788

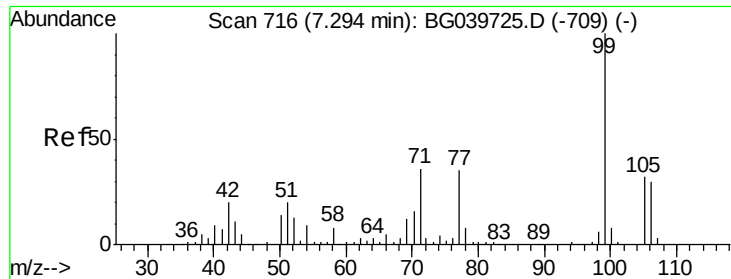
Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion:	128	Resp:	123595
Ion Ratio	Lower	Upper	
128	100		
130	34.3	12.9	52.9
64	53.9	38.7	78.7





#9

Benzaldehyde

Concen: 35.453 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

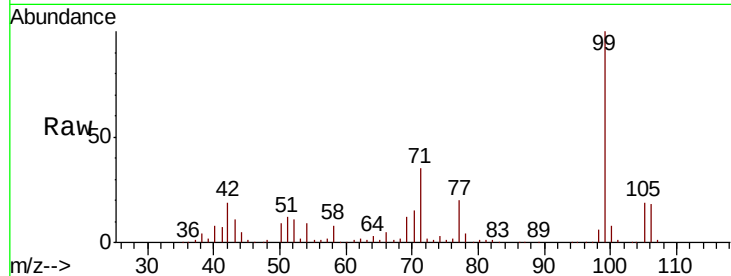
ClientSampleId :

PB117619BS

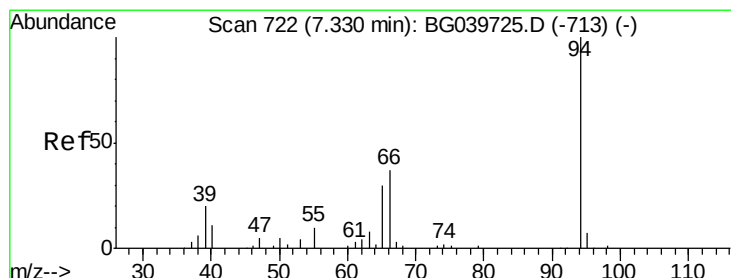
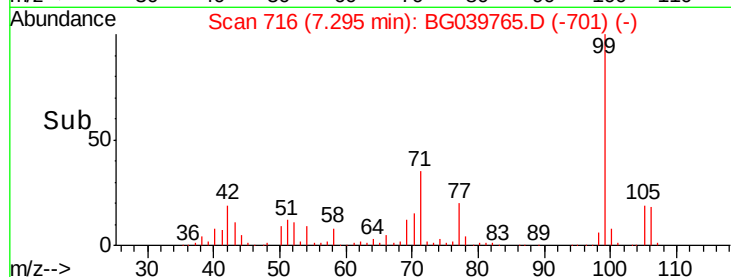
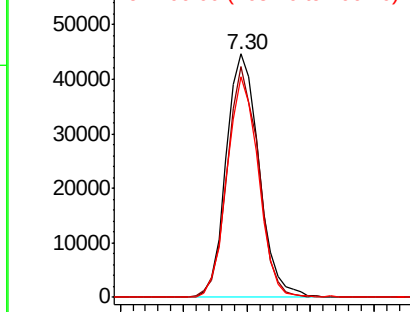
Tot Ion:	77	Resp:	79946
Ion	Ratio	Lower	Upper
77	100		
105	94.9	74.5	114.5
106	90.7	68.0	108.0

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.934 ng

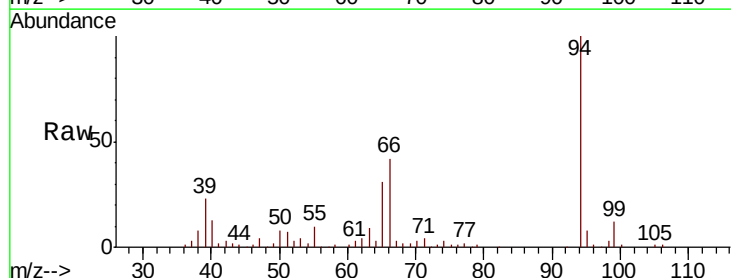
RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

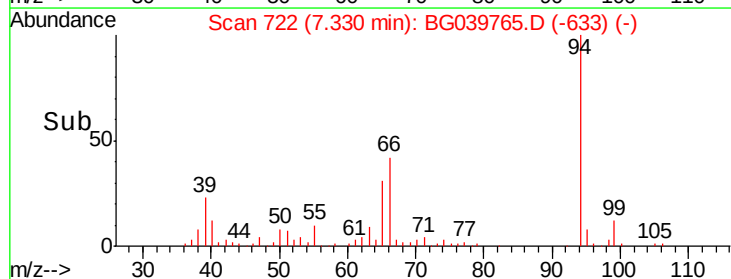
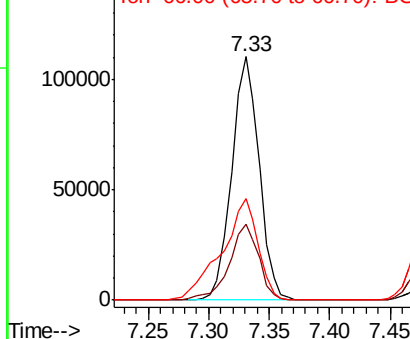
Lab File: BG039765.D

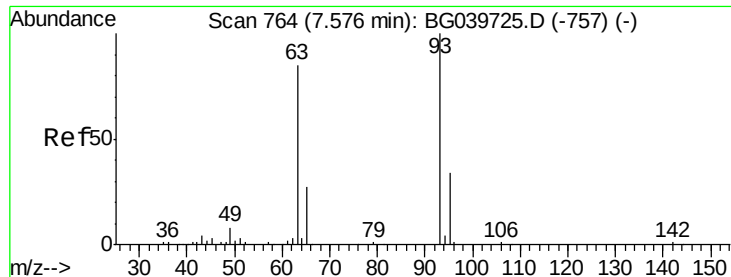
Acq: 5 Mar 2019 15:27

Tgt Ion:	94	Resp:	173954
Ion	Ratio	Lower	Upper
94	100		
65	31.2	11.7	51.7
66	41.6	23.7	63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





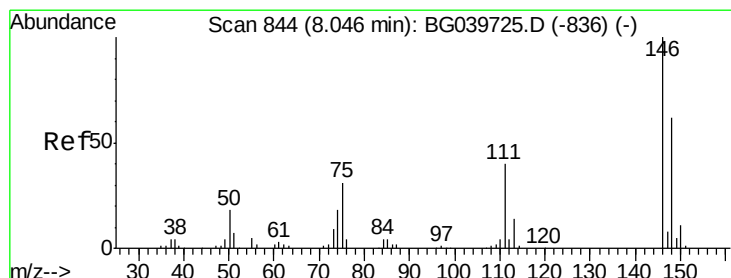
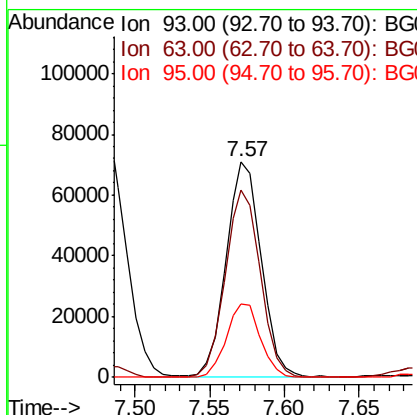
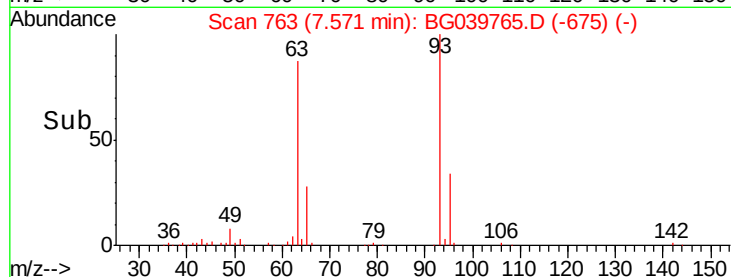
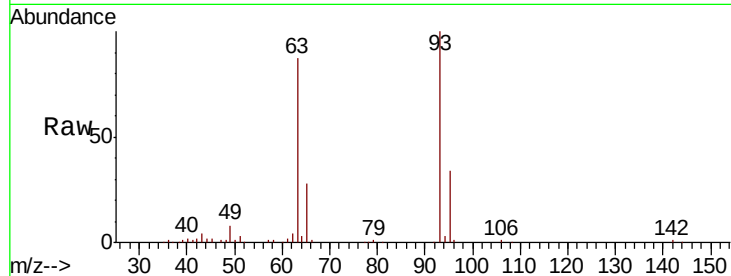
#11
bis(2-Chloroethyl)ether
Concen: 39.215 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampled :
PB117619BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
63	87.0	69.5	109.5		
95	34.3	12.7	52.7		

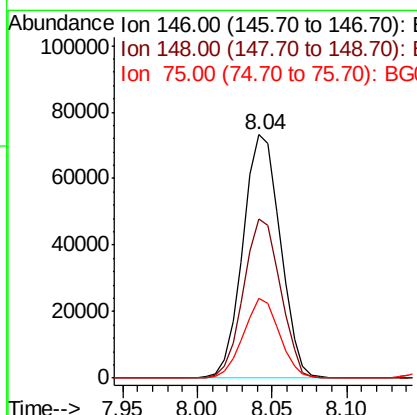
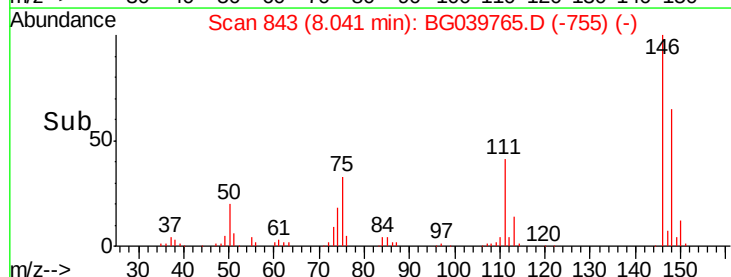
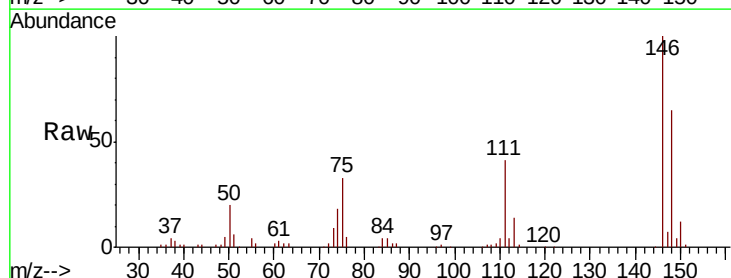
Manual Integrations
APPROVED

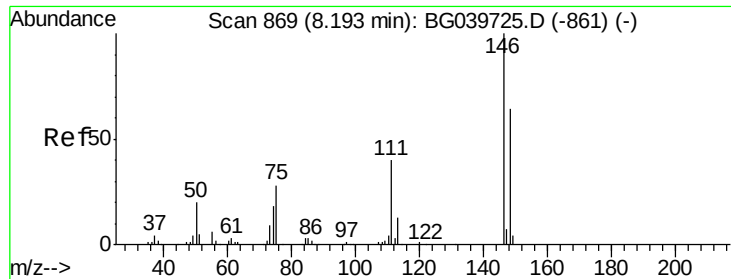
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.347 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
148	65.1	52.6	79.0		
75	32.7	25.8	38.6		





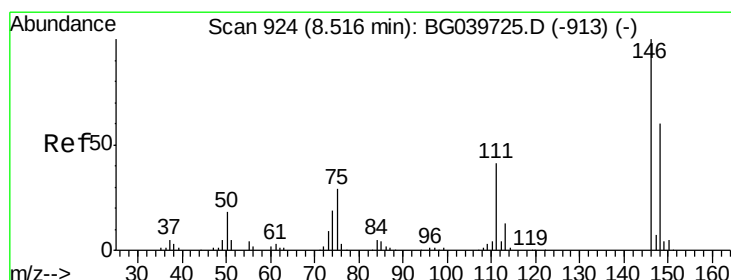
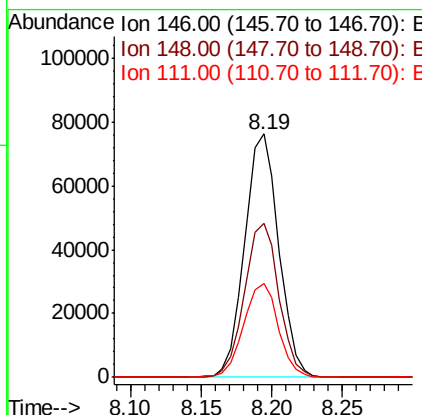
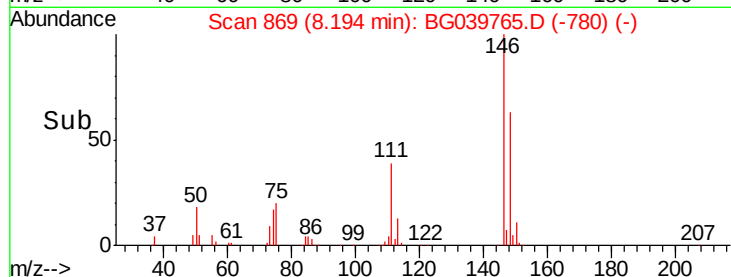
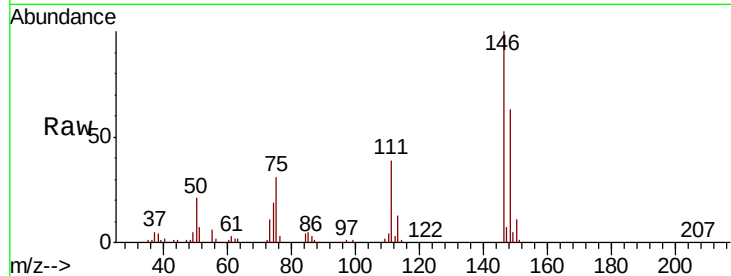
#13
 1,4-Dichlorobenzene
 Concen: 39.444 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Instrument :
 BNA_G
 ClientSampled :
 PB117619BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	38.7	32.6	48.8

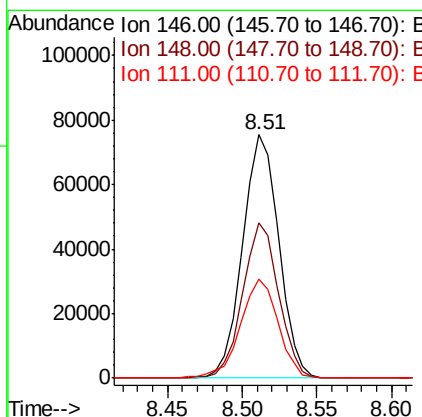
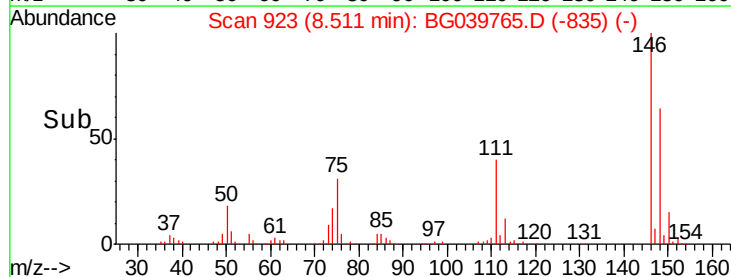
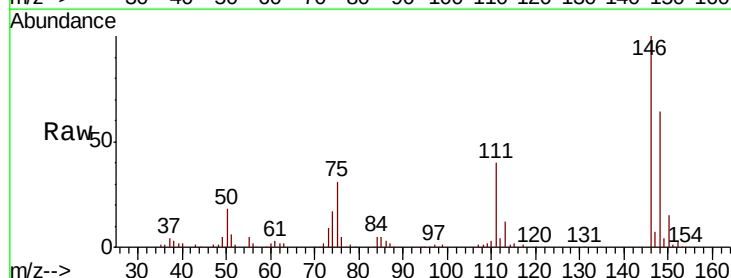
Manual Integrations
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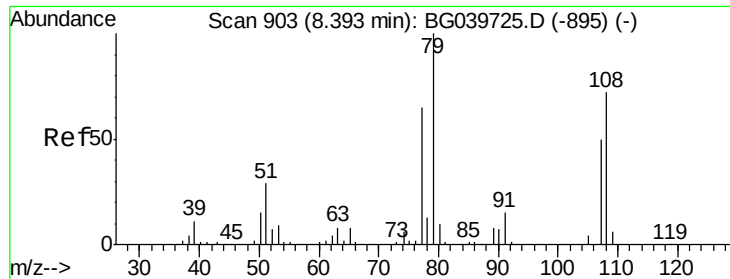
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#14
 1,2-Dichlorobenzene
 Concen: 39.897 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.5	77.3
111	40.4	33.8	50.6





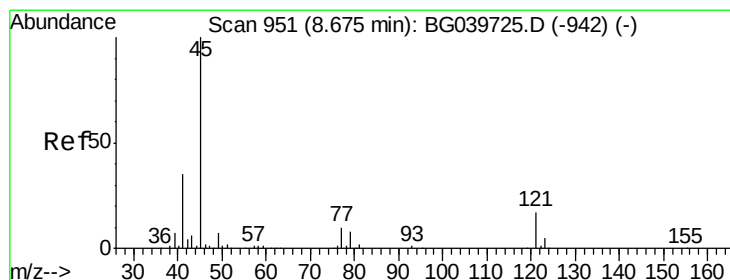
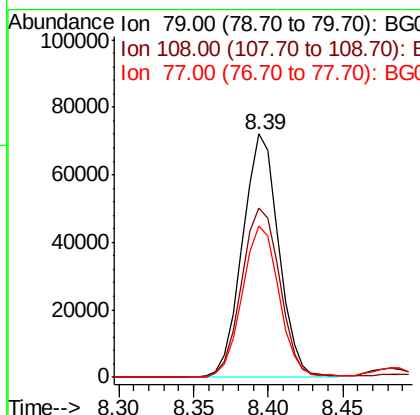
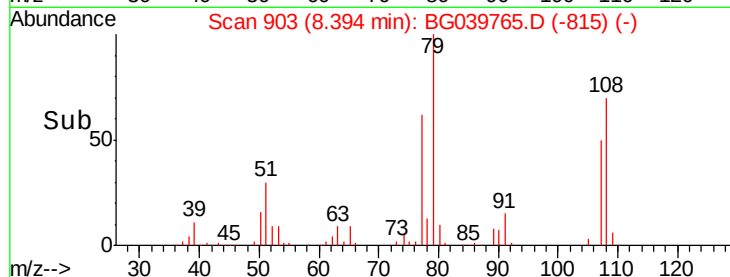
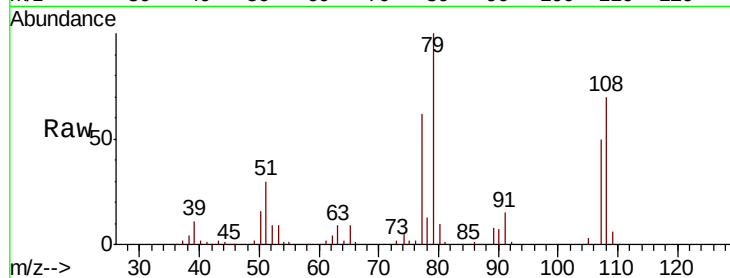
#15
Benzyl Alcohol
Concen: 43.671 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleID :
PB117619BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.6	57.8	86.6
77	62.0	51.1	76.7

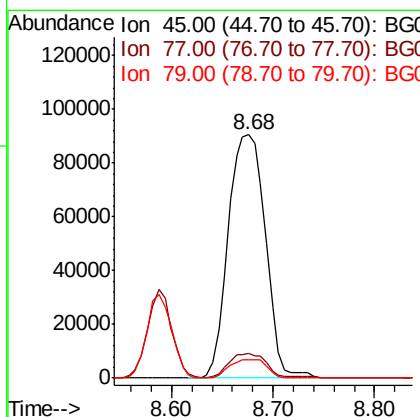
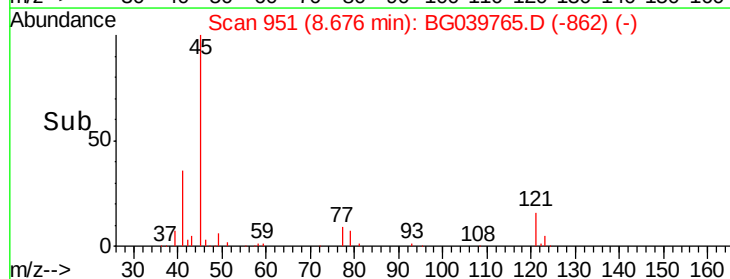
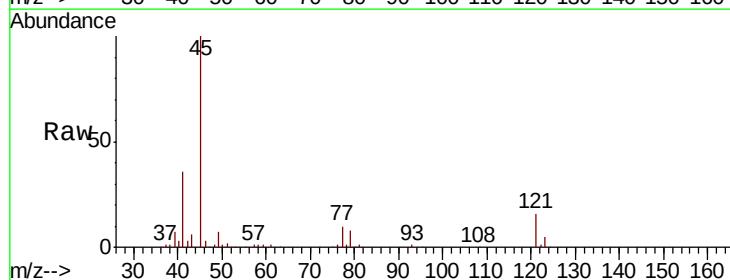
Manual Integrations
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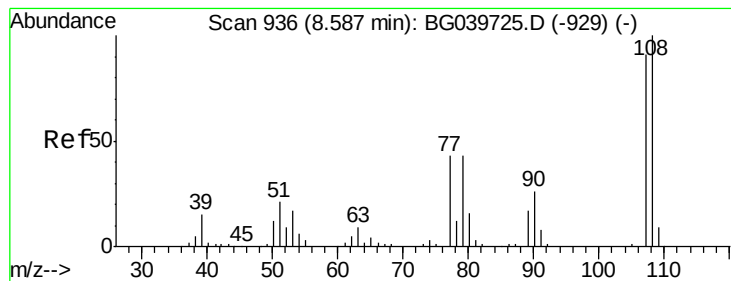
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.823 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.2	0.0	30.0
79	7.7	0.0	27.5





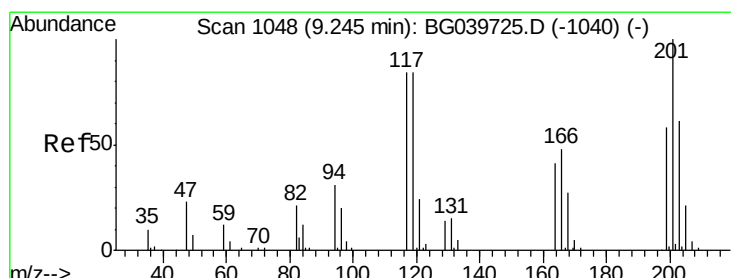
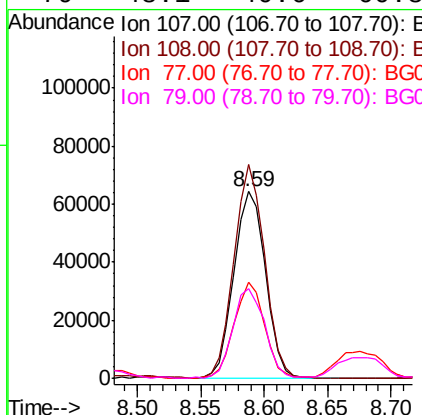
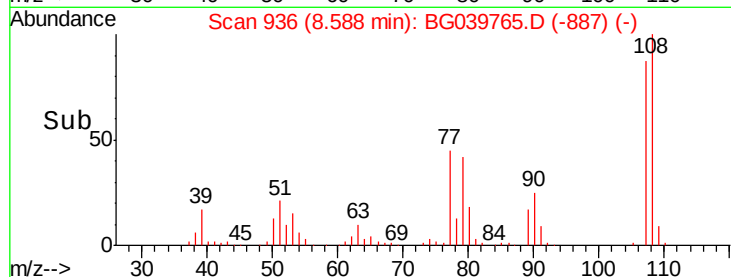
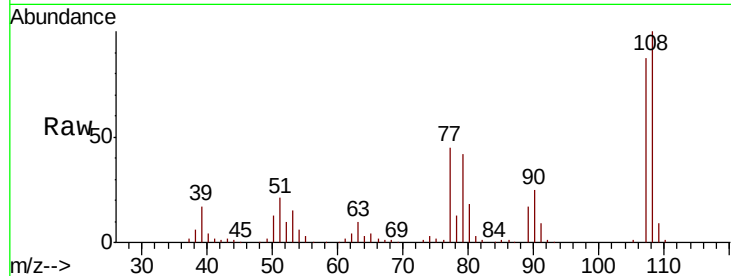
#17
2-Methylphenol
Concen: 46.093 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampled :
PB117619BS

Tot Ion:	107	Resp:	111303
Ion Ratio	Lower	Upper	
107	100		
108	114.7	90.8	136.2
77	51.4	40.7	61.1
79	48.1	40.6	60.8

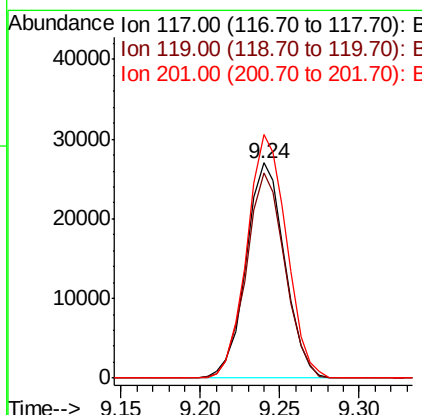
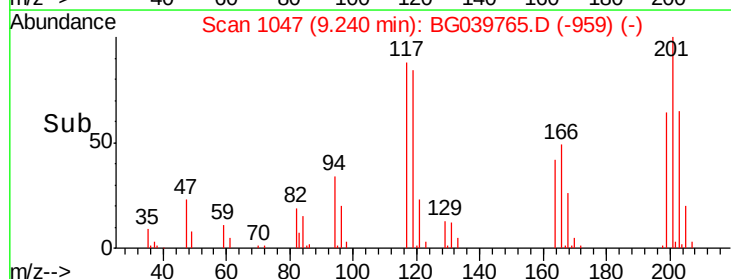
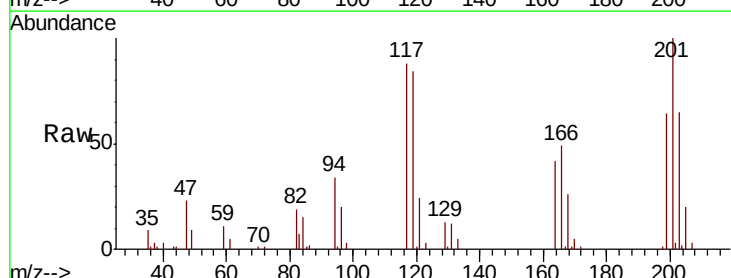
Manual Integrations
APPROVED

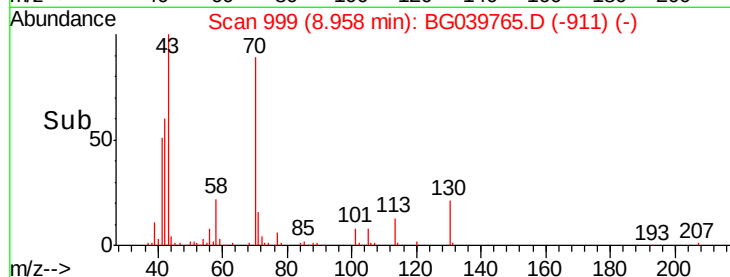
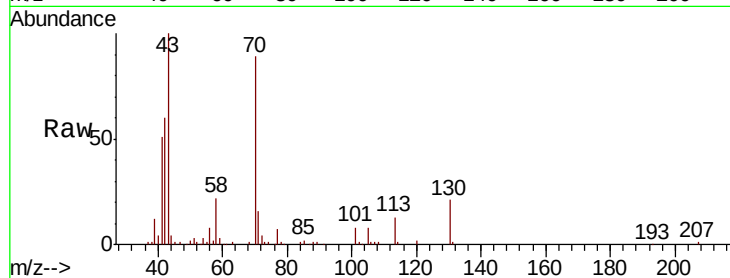
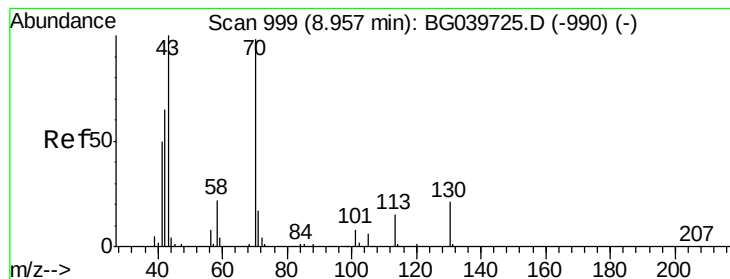
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#18
Hexachloroethane
Concen: 38.956 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion:	117	Resp:	45801
Ion Ratio	Lower	Upper	
117	100		
119	95.4	76.3	114.5
201	113.2	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.010 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

Tot Ion: 70 Resp: 98156

Ion Ratio Lower Upper

70 100

42 67.5 60.4 90.6

101 9.4 7.5 11.3

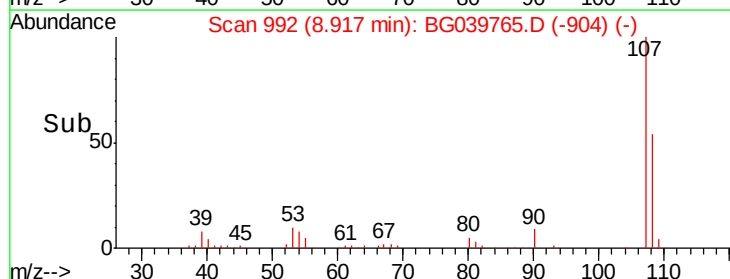
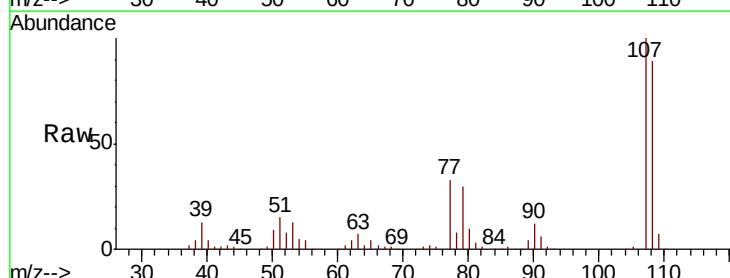
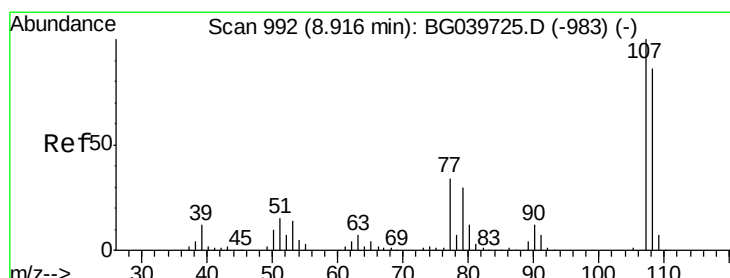
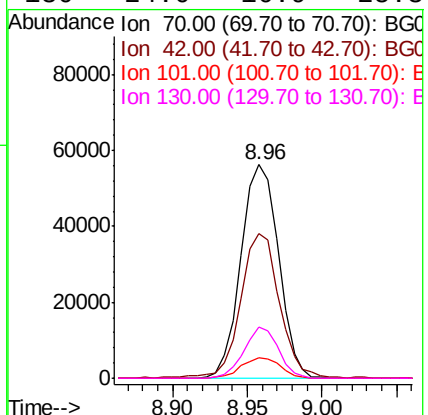
130 24.0 16.9 25.3

Manual Integrations

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#20

3+4-Methylphenols

Concen: 46.521 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion: 107 Resp: 156060

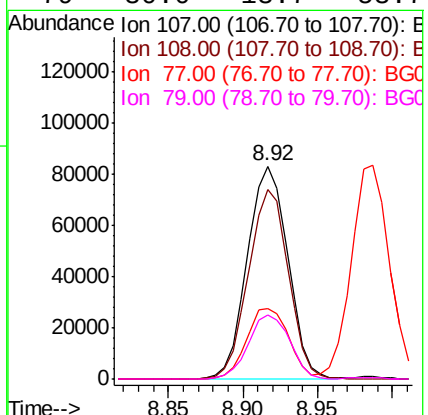
Ion Ratio Lower Upper

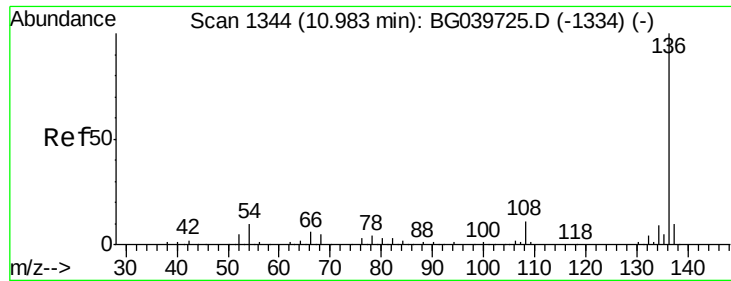
107 100

108 89.1 67.9 107.9

77 33.1 15.4 55.4

79 30.0 13.7 53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

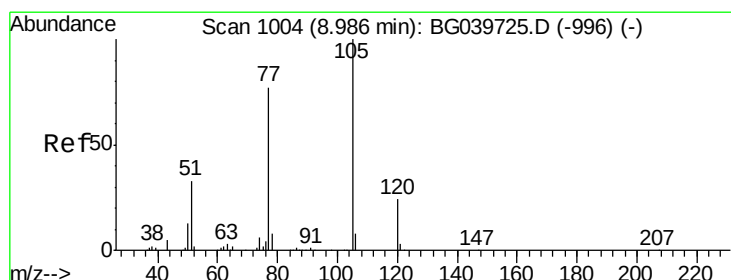
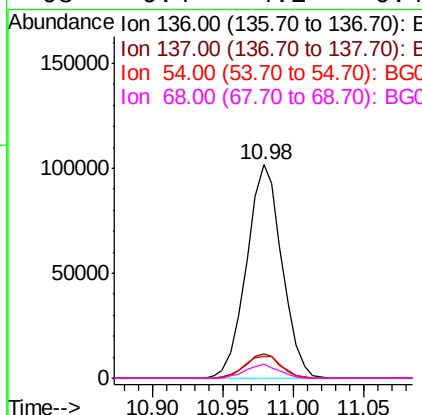
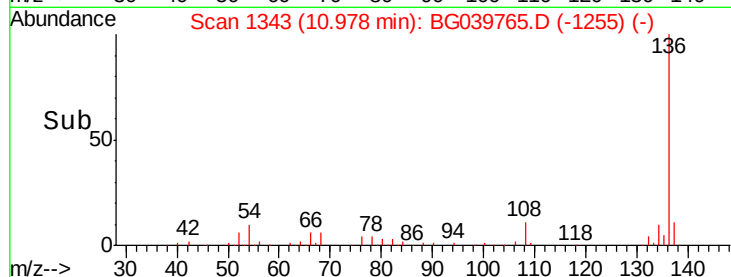
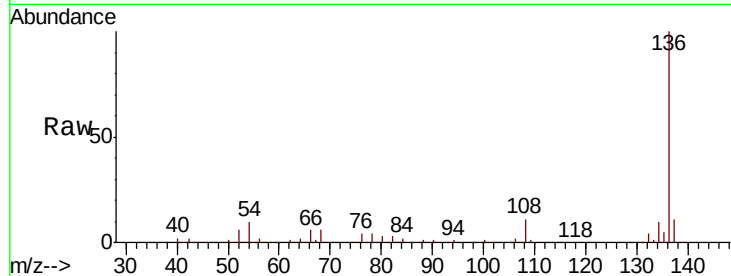
ClientSampleId :

PB117619BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	178243		
137	11.5	9.1	13.7	
54	10.4	9.4	14.2	
68	6.4	4.2	6.4	

Manual Integrations
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#22

Acetophenone

Concen: 39.536 ng

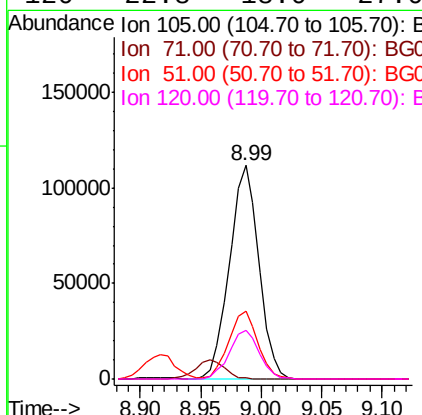
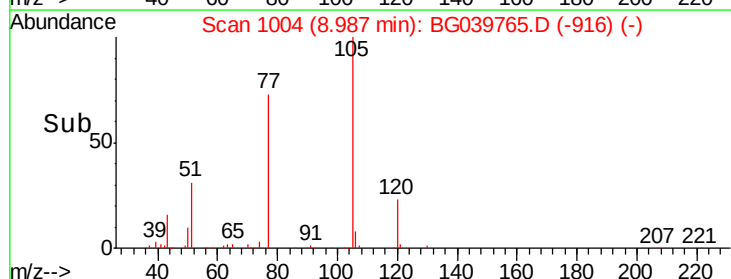
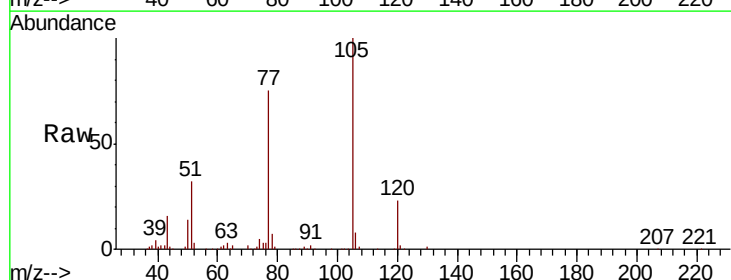
RT: 8.99 min Scan# 1004

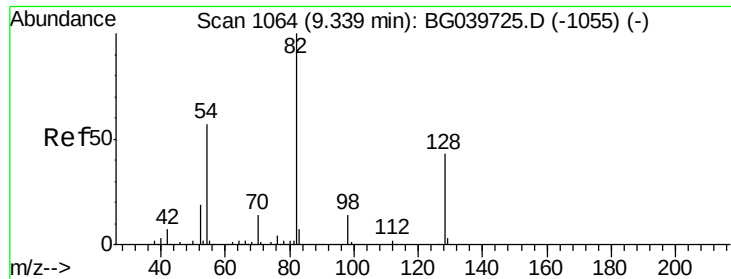
Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189140		
71	0.3	0.8	1.2	
51	31.8	30.2	45.2	
120	22.8	18.0	27.0	





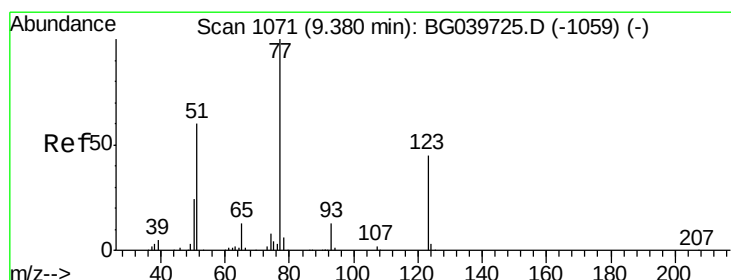
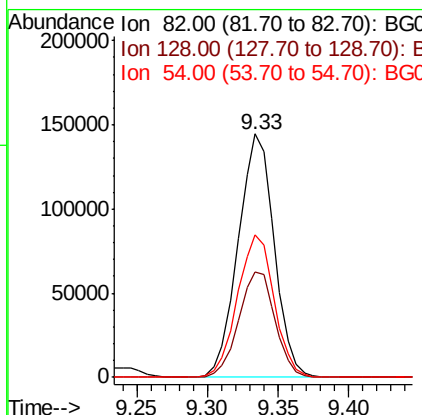
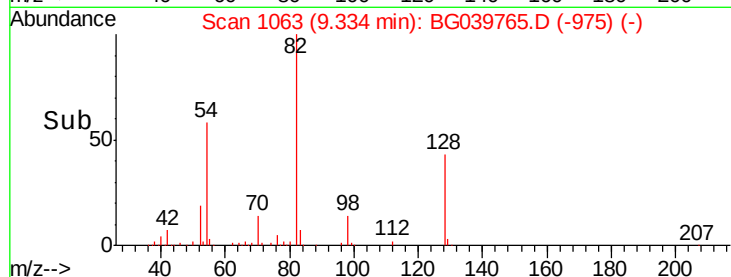
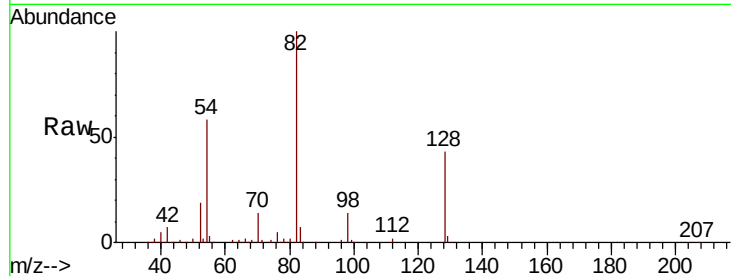
#23
Nitrobenzene-d5
Concen: 78.201 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	257726		
128	43.3		31.3	46.9
54	58.5		50.9	76.3

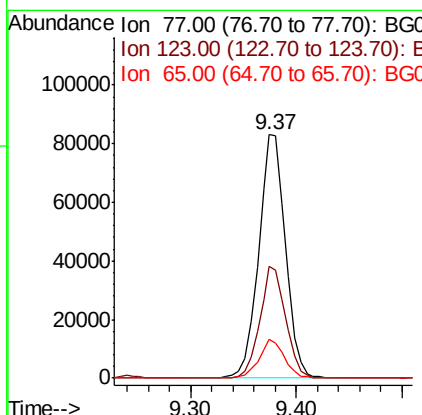
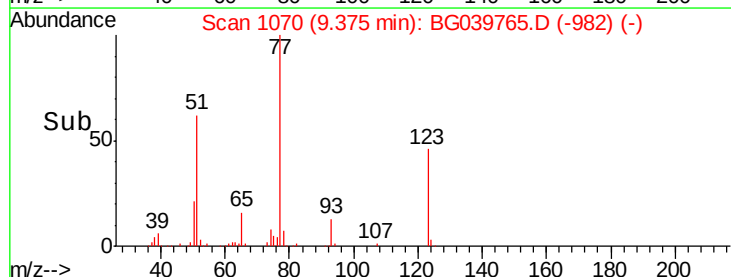
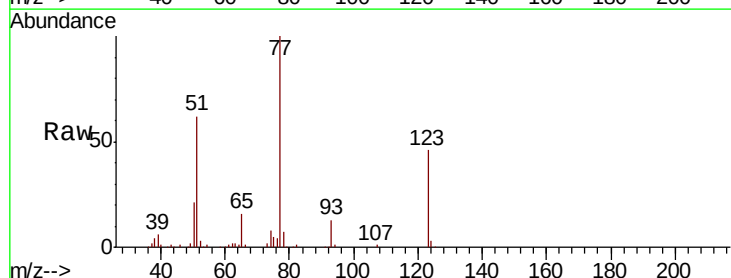
Manual Integrations
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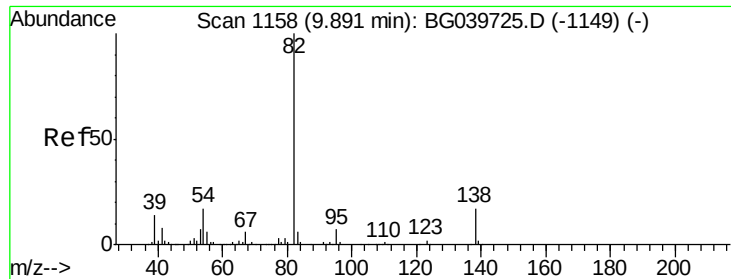
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#24
Nitrobenzene
Concen: 42.325 ng
RT: 9.37 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	146335		
123	45.9		34.1	51.1
65	15.8		12.3	18.5





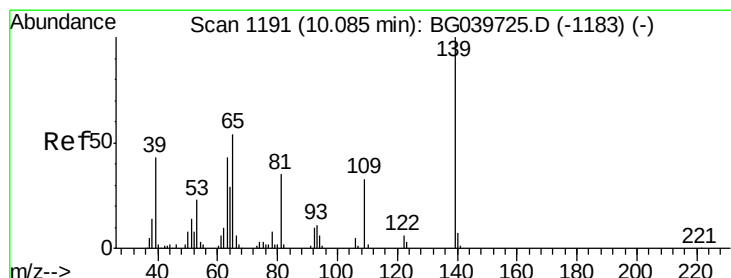
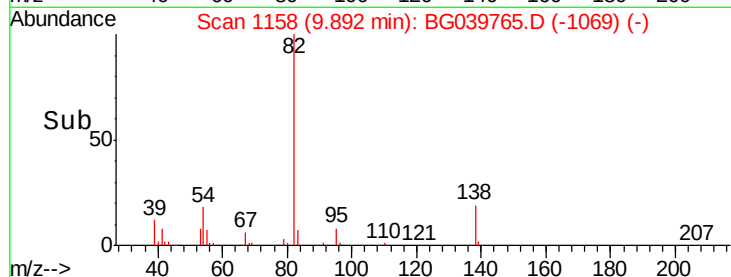
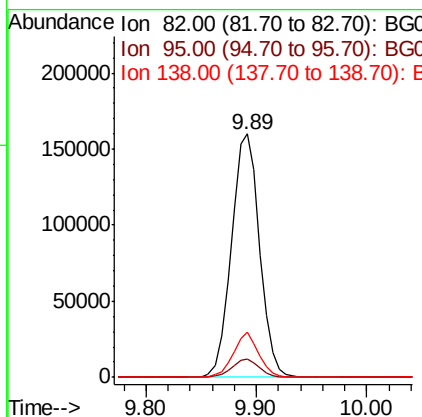
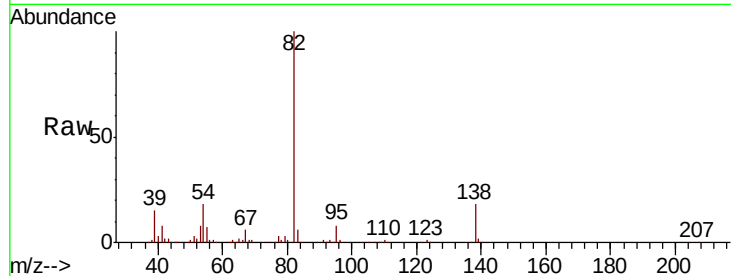
#25
Isophorone
Concen: 41.215 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	82	Resp	284607
Ion Ratio	100	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	18.4	13.0	19.4

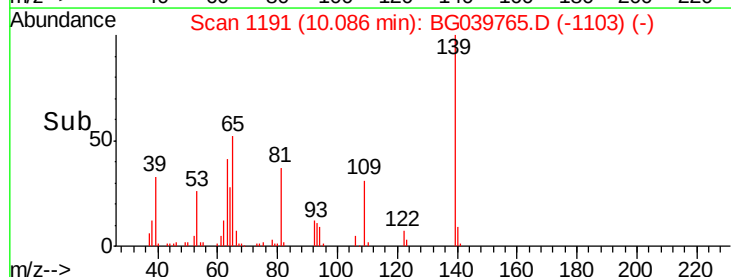
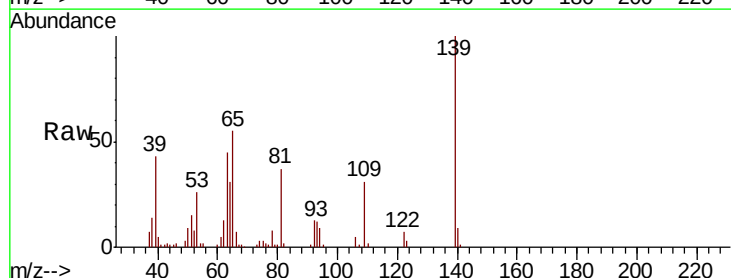
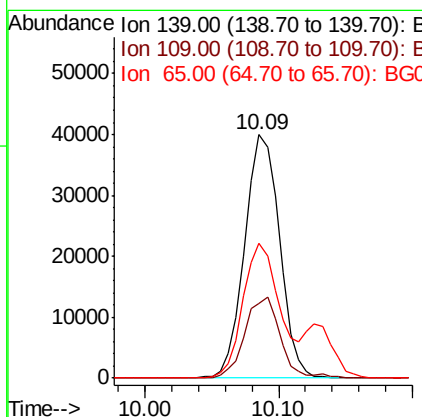
Manual Integrations
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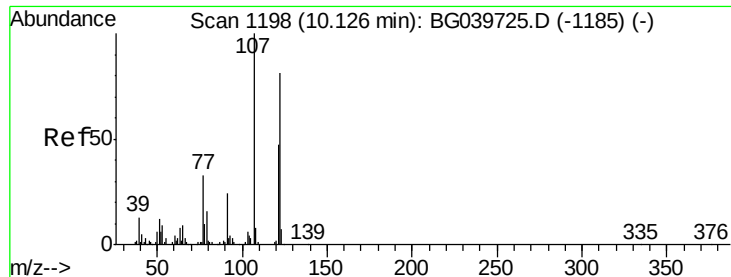
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#26
2-Nitrophenol
Concen: 43.269 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	139	Resp	72229
Ion Ratio	100	Lower	Upper
139	100		
109	30.9	23.4	35.0
65	55.3	44.3	66.5





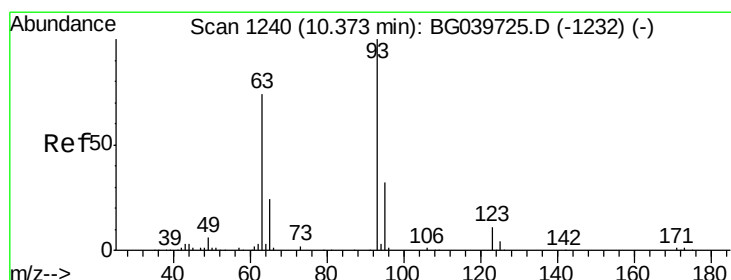
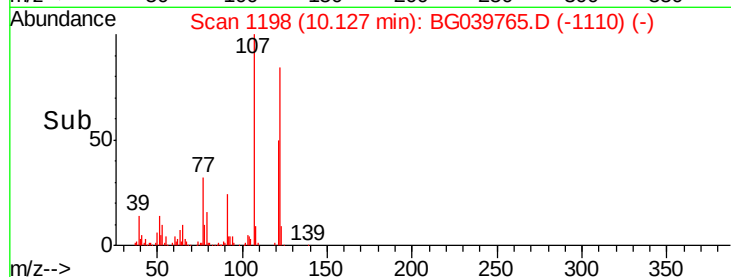
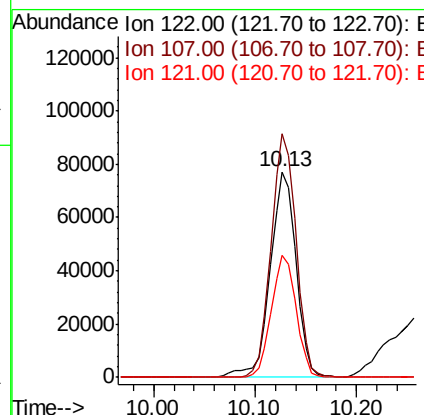
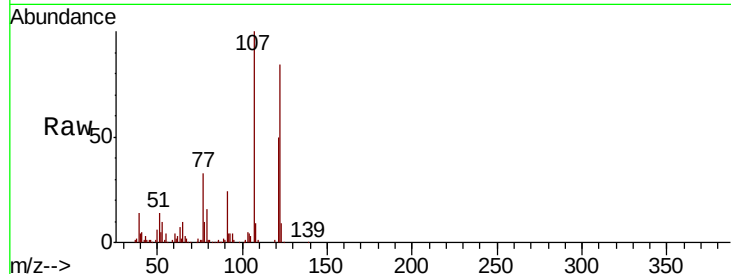
#27
2,4-Dimethylphenol
Concen: 52.585 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	136521		
107	118.6	91.7	137.5	
121	59.5	46.4	69.6	

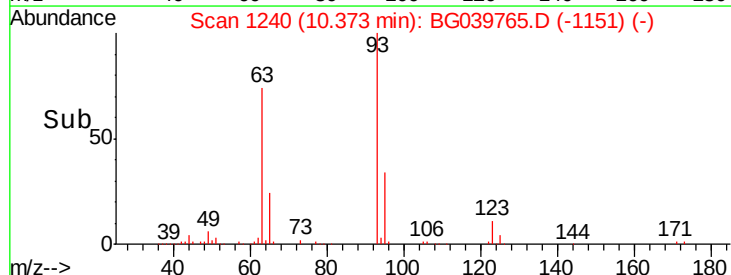
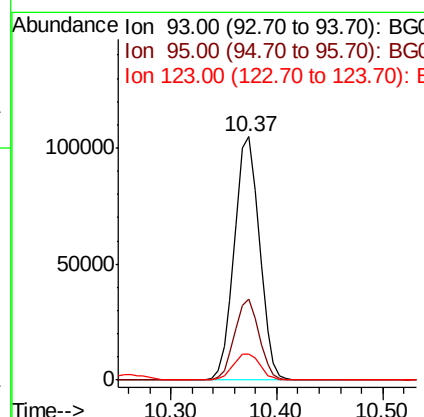
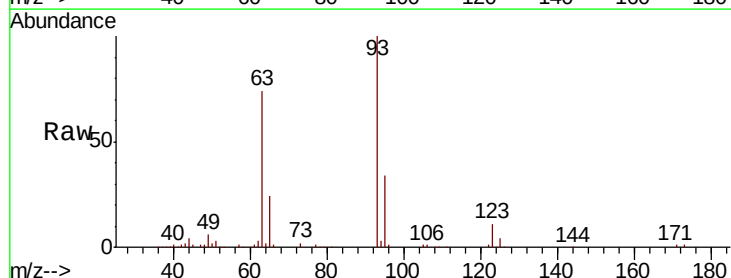
Manual Integrations
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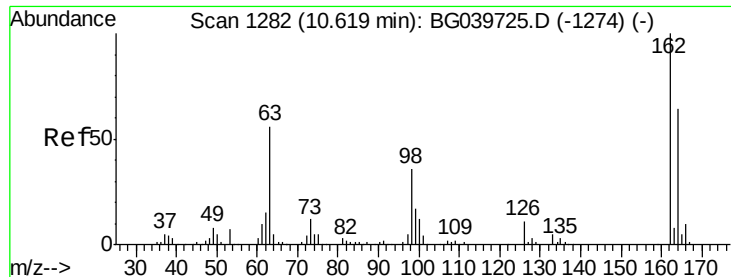
Sohil
3/6/2019 12:01:05 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.119 ng
RT: 10.37 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	172556		
95	33.5	25.0	37.4	
123	10.8	8.6	12.8	





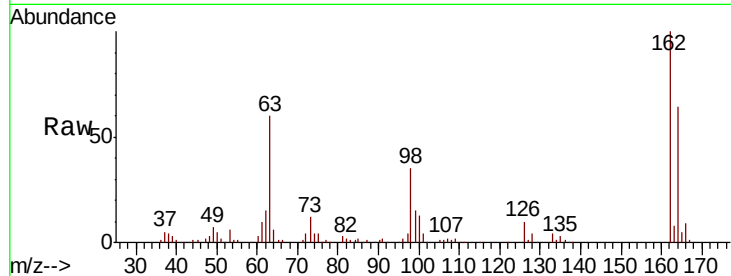
#29
2,4-Dichlorophenol
Concen: 47.847 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampled :
PB117619BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	48.1	88.1
98	35.3	18.1	58.1

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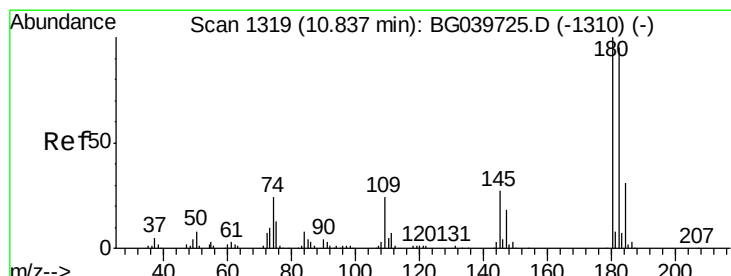
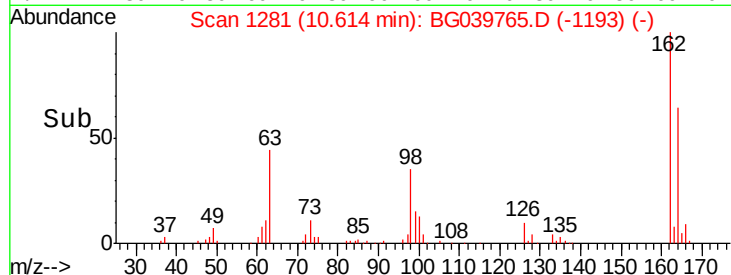
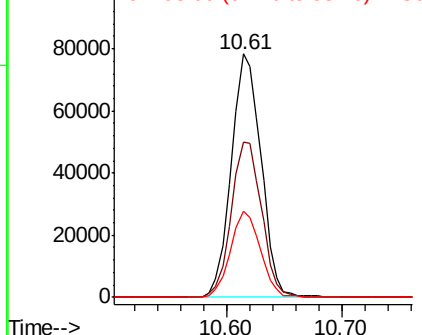


Abundance

Ion 162.00 (161.70 to 162.70): E

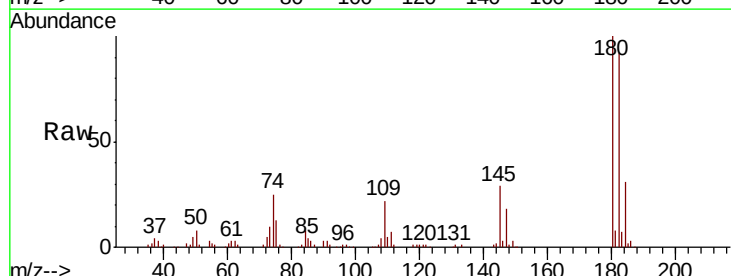
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 40.936 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.1	76.0	114.0
145	28.8	22.7	34.1

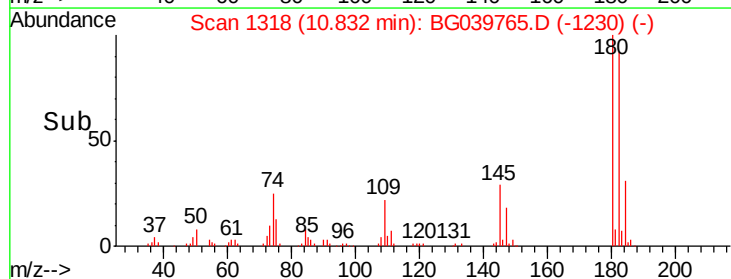
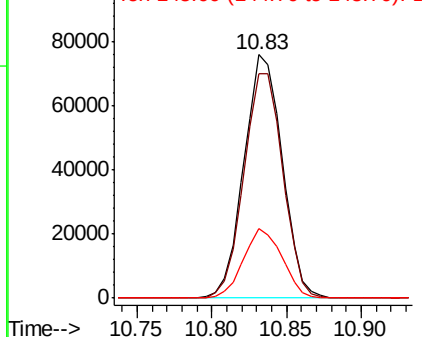


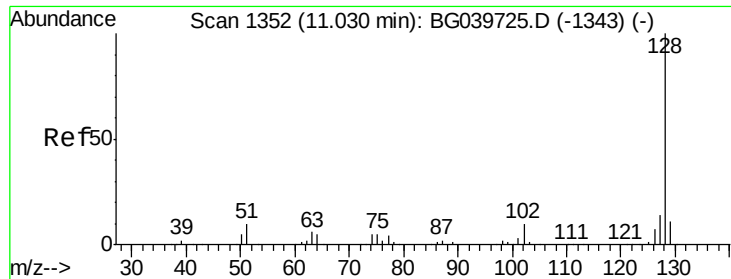
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





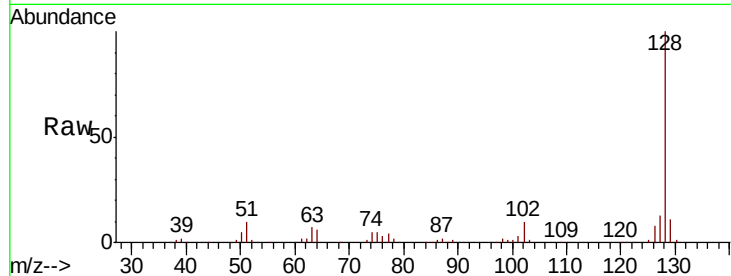
#31
Naphthalene
Concen: 41.521 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

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

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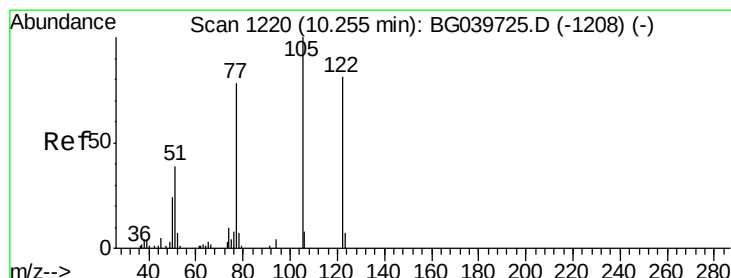
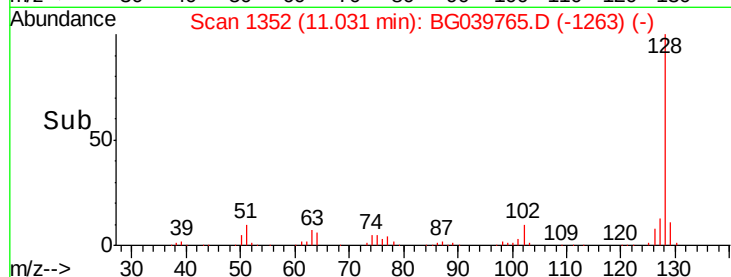
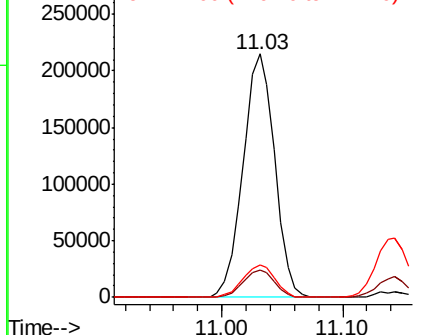


Abundance

Ion 128.00 (127.70 to 128.70): E

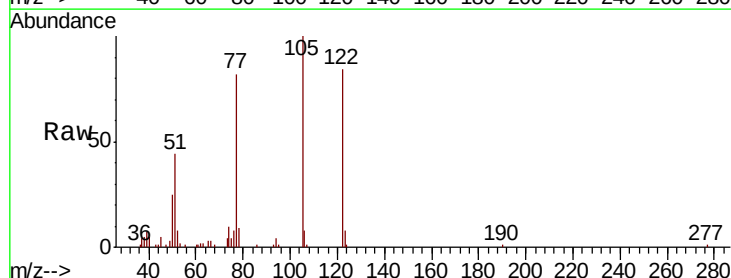
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 42.626 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.6	101.8	141.8
77	97.6	76.3	116.3

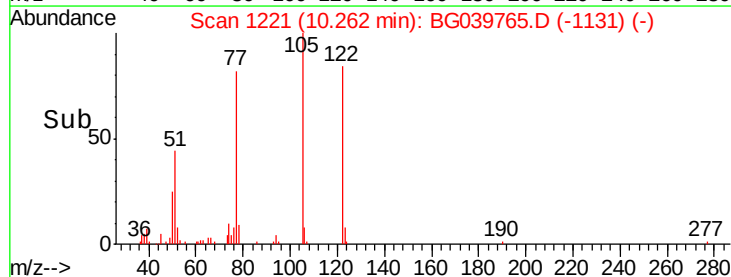
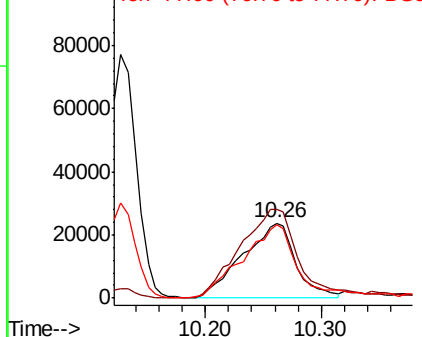


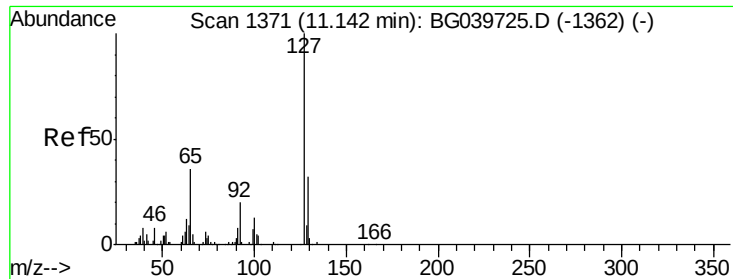
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





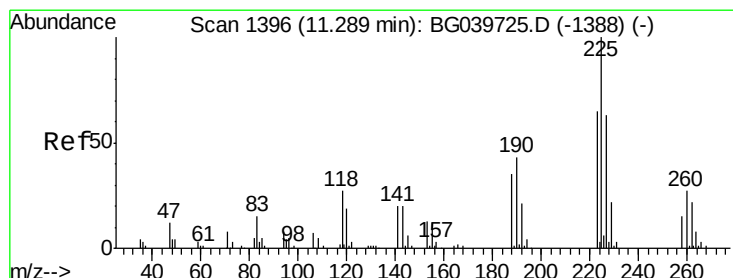
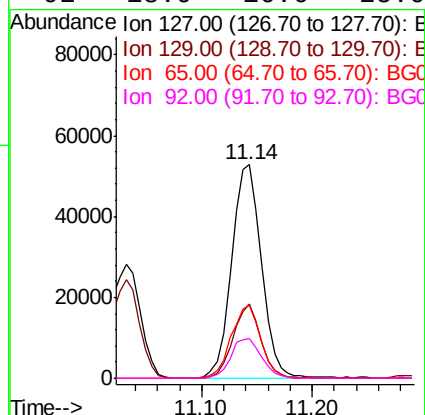
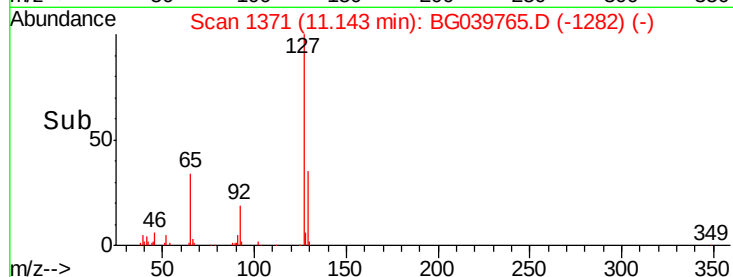
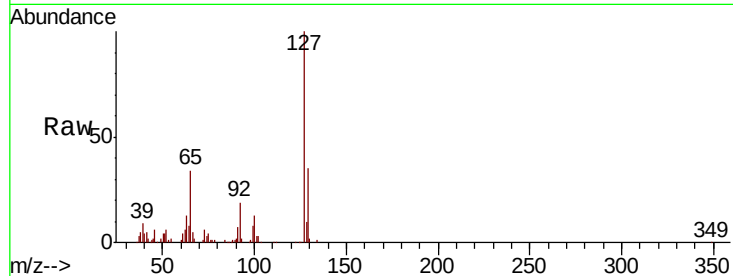
#33
4-Chloroaniline
Concen: 25.022 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.5		27.0	40.4	
65	34.4		28.8	43.2	
92	18.9		16.6	25.0	

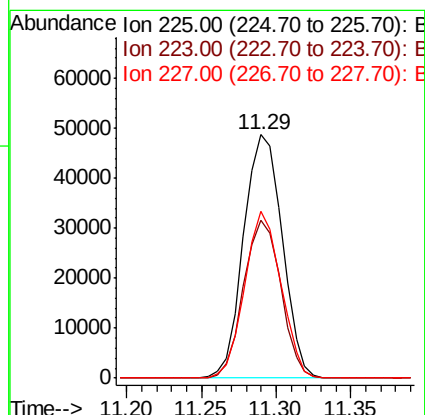
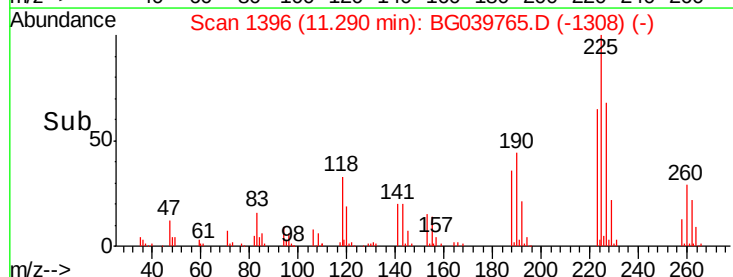
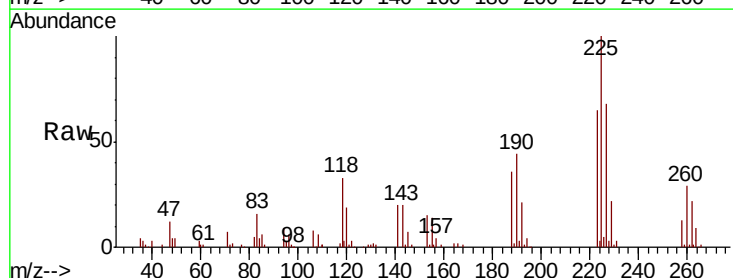
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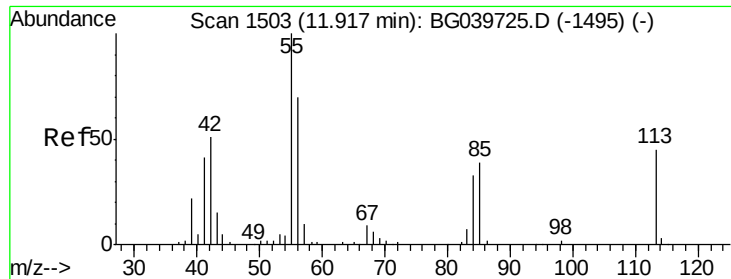
Sohil
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#34
Hexachlorobutadiene
Concen: 38.861 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.9		49.0	73.6	
227	68.3		46.3	69.5	





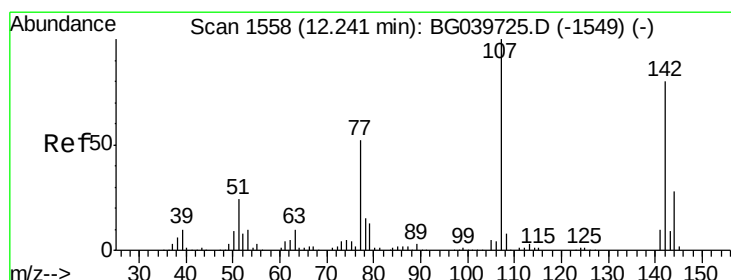
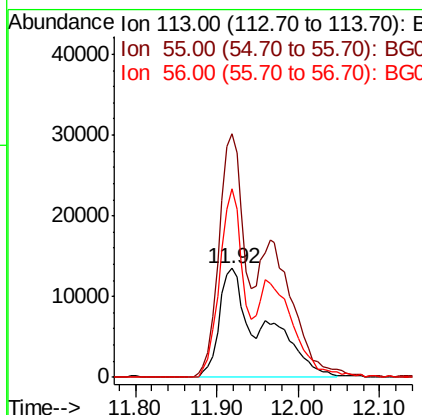
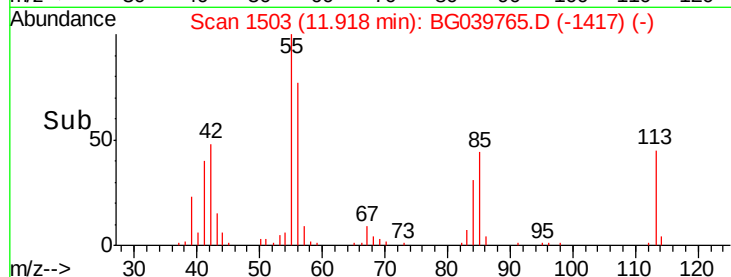
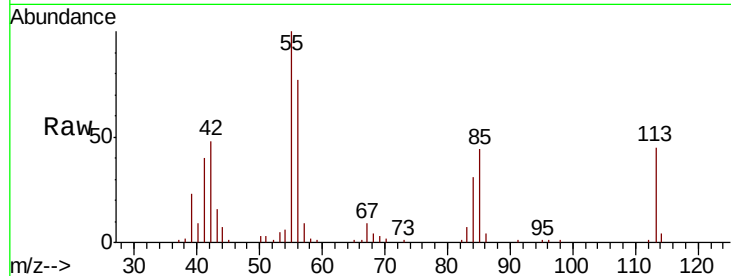
#35
Caprolactam
Concen: 45.114 ng/ml
RT: 11.92 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	223.2	216.9	256.9
56	172.6	152.6	192.6

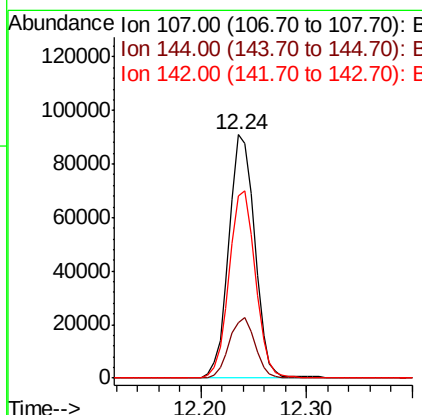
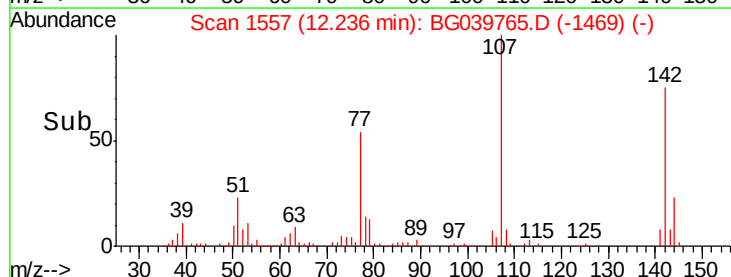
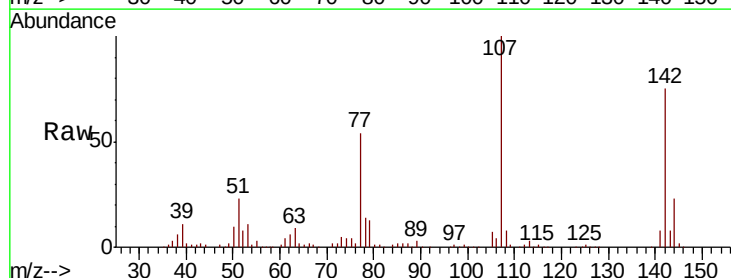
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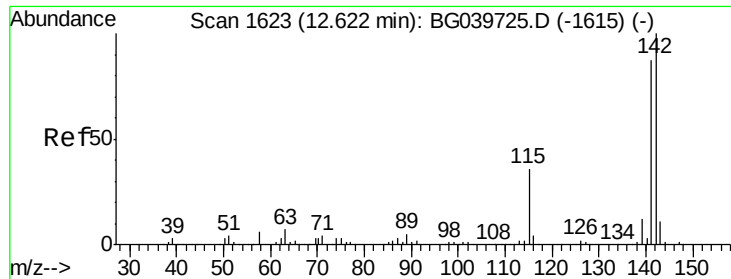
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 46.088 ng/ml
RT: 12.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	20.2	30.2
142	74.9	61.4	92.2





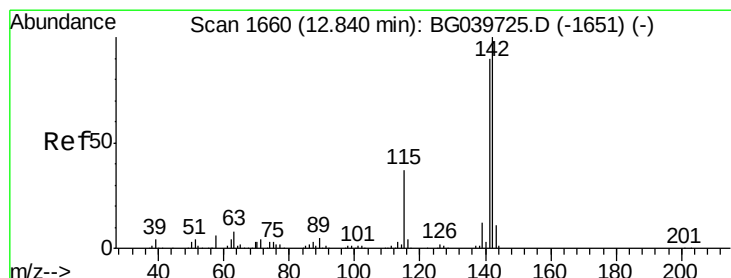
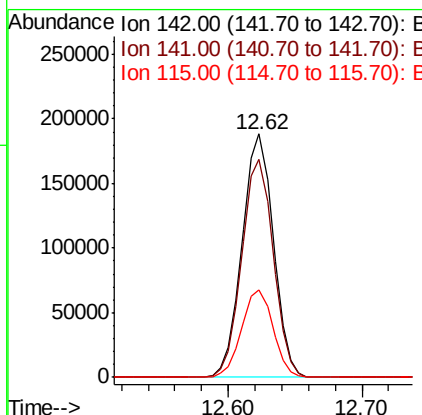
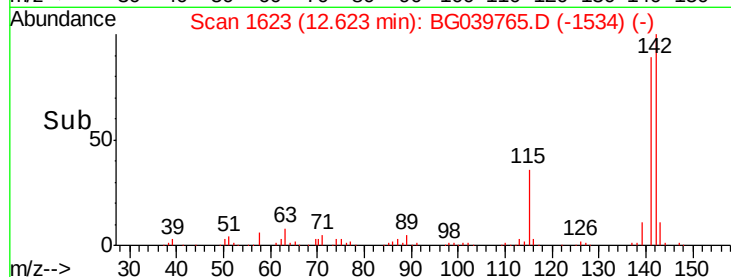
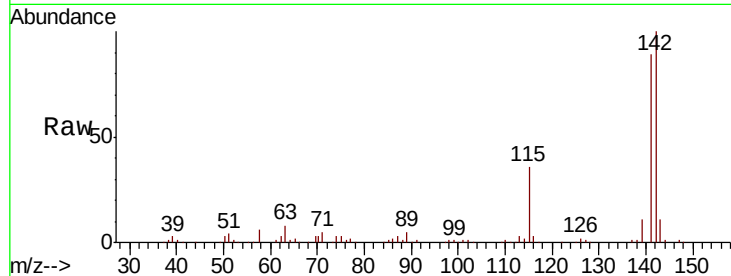
#37
2-Methylnaphthalene
Concen: 43.104 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.5	110.3
115	36.1	30.8	46.2

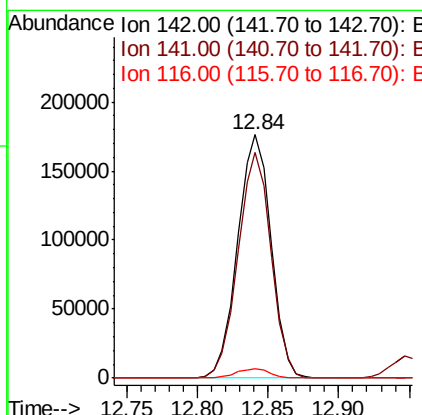
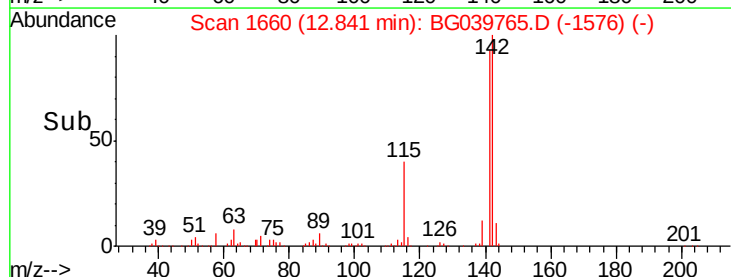
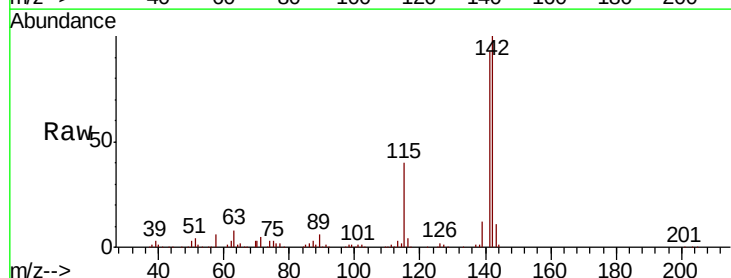
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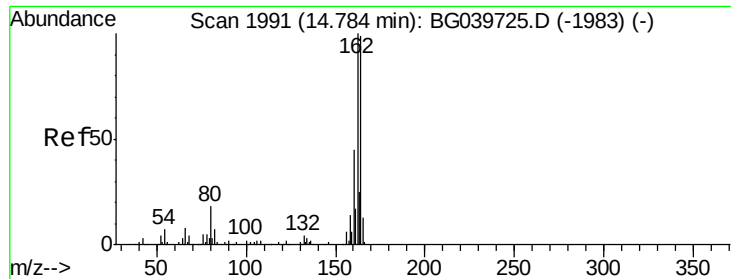
Sohil
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#38
1-Methylnaphthalene
Concen: 42.403 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.4
116	4.1	3.0	4.6





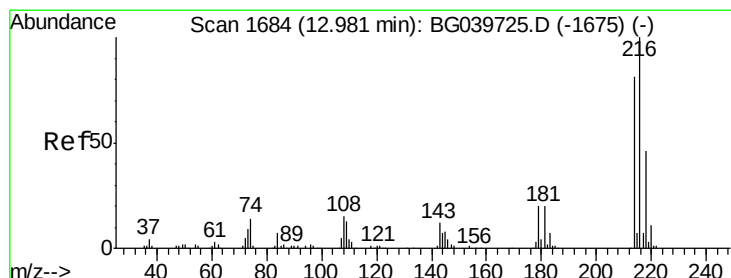
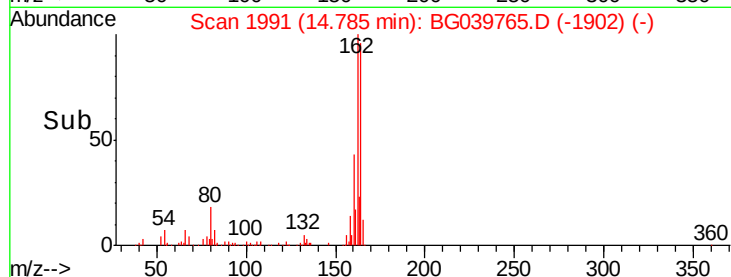
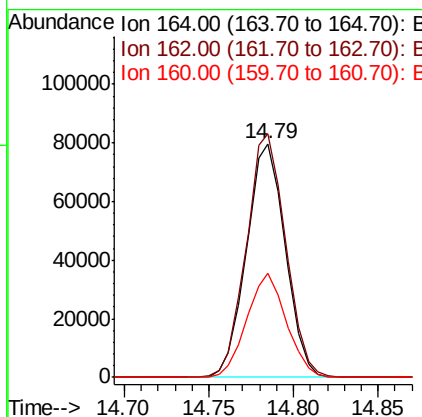
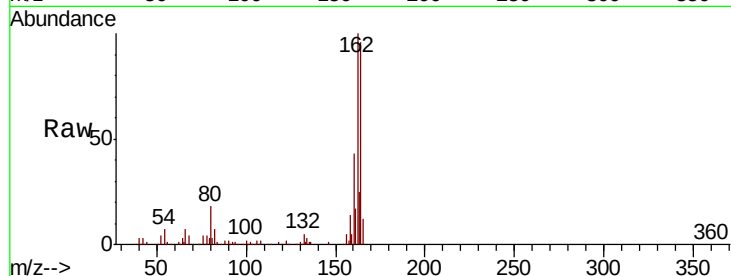
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.6	122.4
160	44.8	34.2	51.2

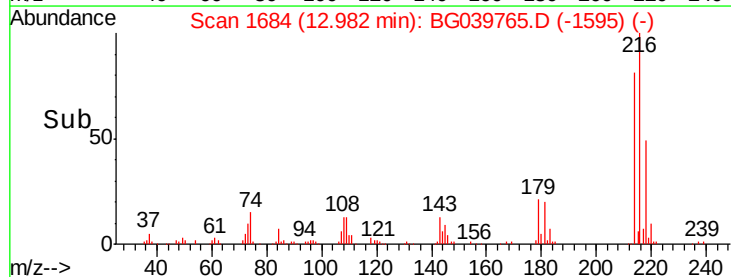
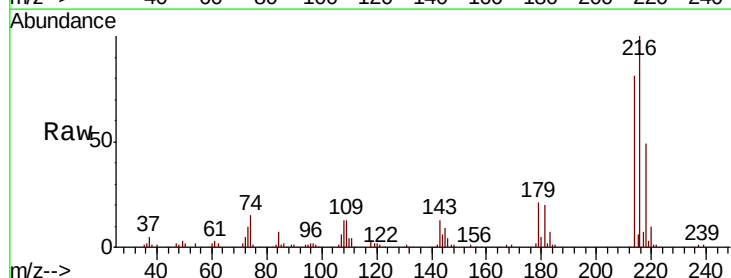
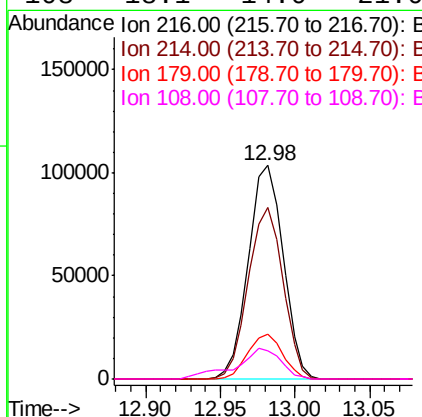
Manual Integrations
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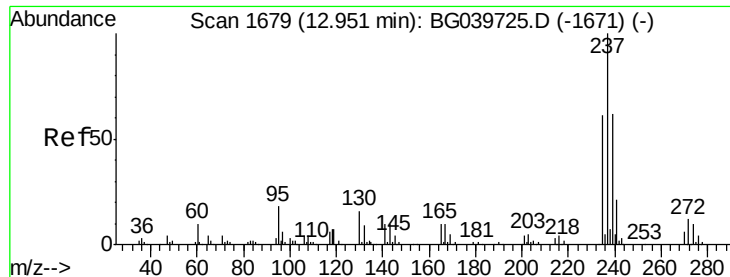
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.003 ng
RT: 12.98 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.6	94.0
179	20.8	16.6	25.0
108	18.1	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 97.488 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

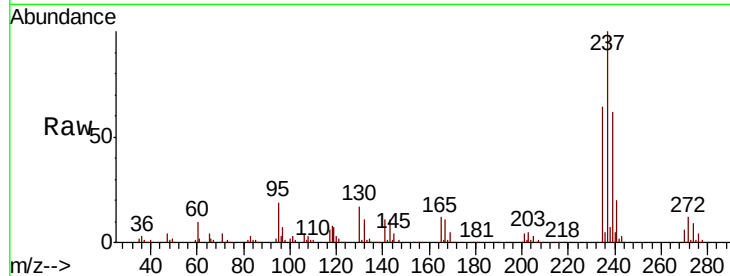
ClientSampleId :

PB117619BS

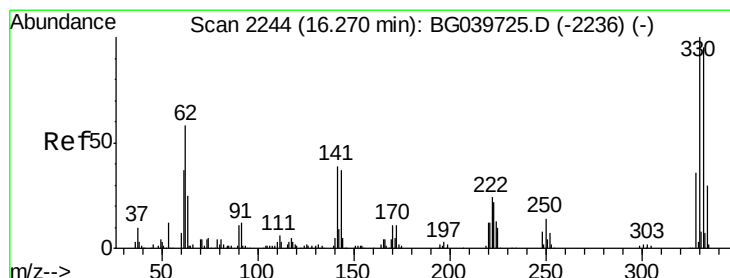
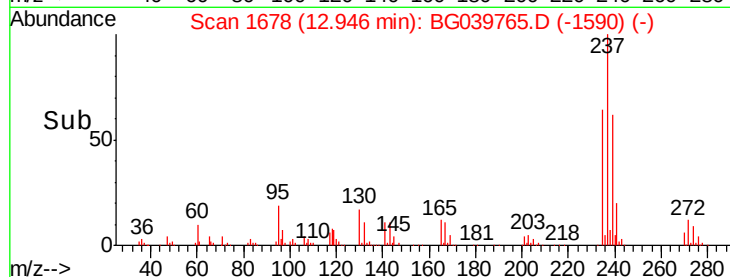
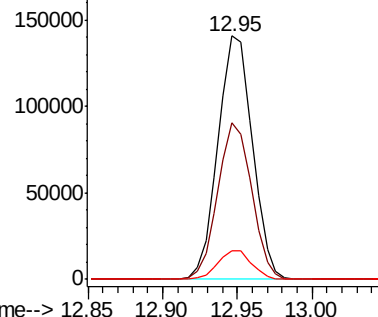
Tot Ion:	237	Resp:	224535
Ion Ratio		Lower	Upper
237	100		
235	64.4	43.3	83.3
272	11.8	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 137.505 ng

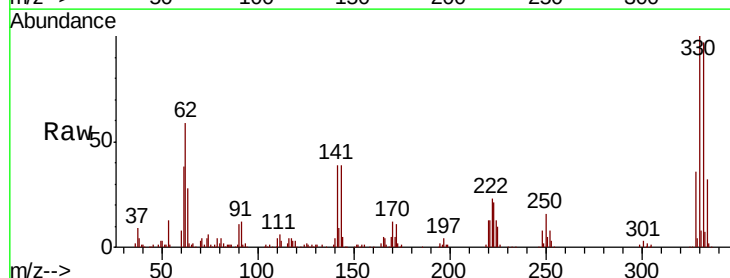
RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

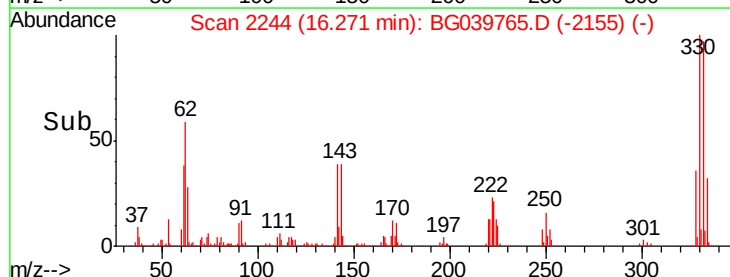
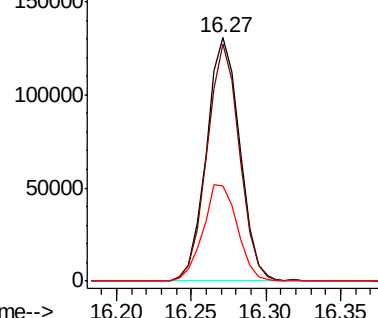
Lab File: BG039765.D

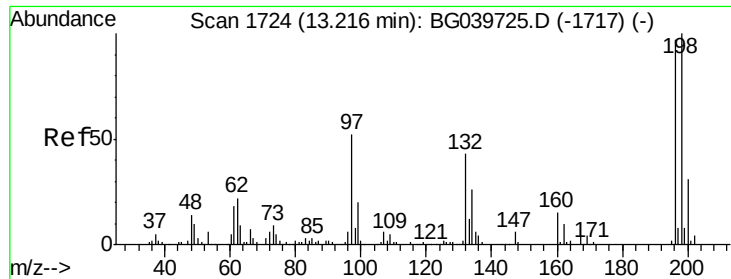
Acq: 5 Mar 2019 15:27

Tgt Ion:	330	Resp:	203326
Ion Ratio		Lower	Upper
330	100		
332	95.1	75.7	113.5
141	40.9	35.6	53.4



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





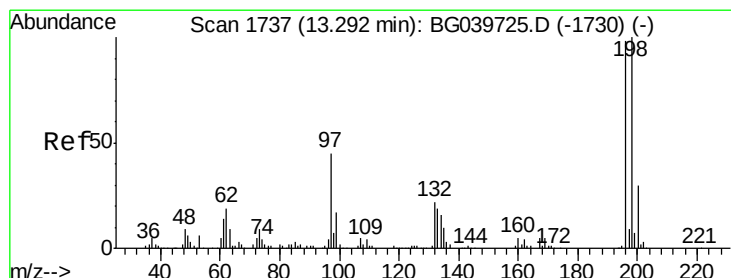
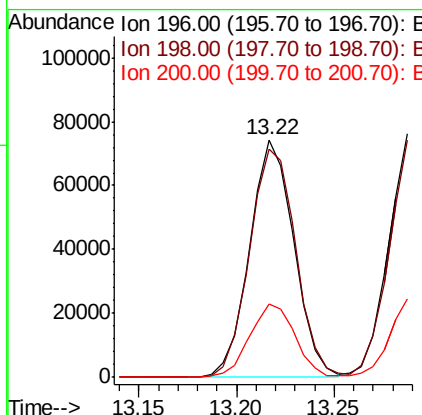
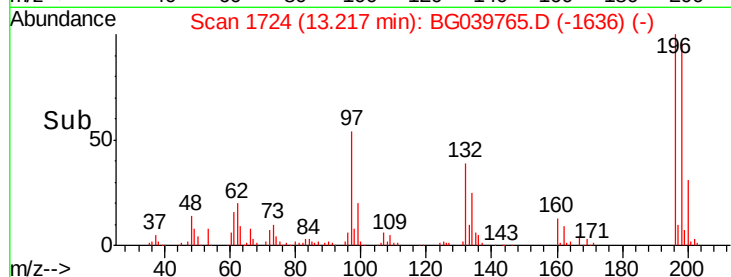
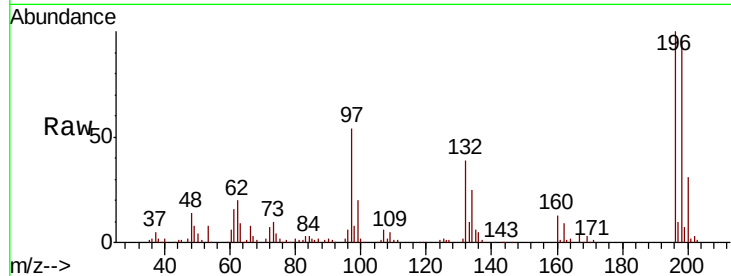
#43
 2,4,6-Trichlorophenol
 Concen: 46.423 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Instrument :
 BNA_G
 ClientSampleID :
 PB117619BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	116808		
198	96.2	80.6	121.0	
200	30.8	26.1	39.1	

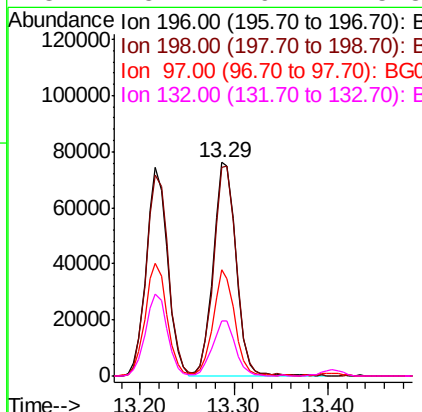
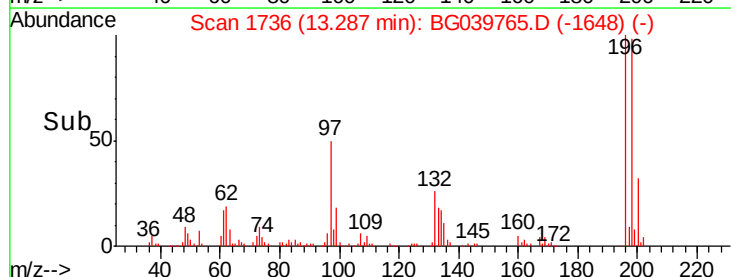
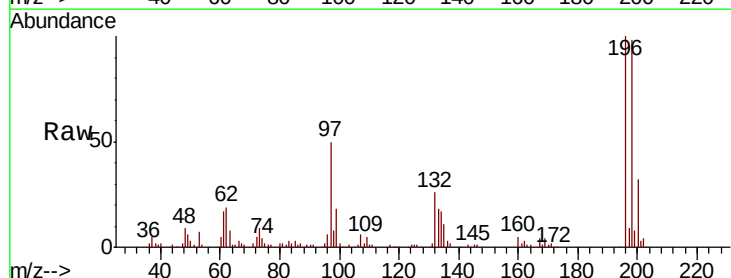
Manual Integrations
 APPROVED

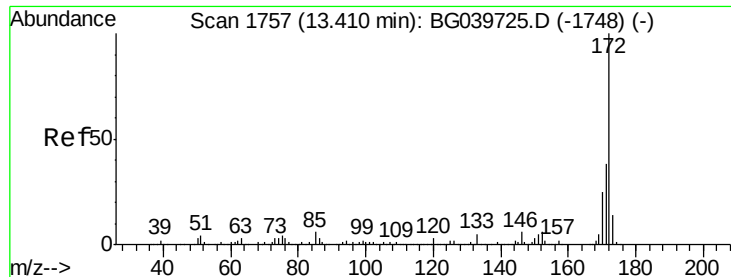
Sohil
 3/6/2019 12:01:05 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.561 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	129218		
198	97.5	78.5	117.7	
97	49.6	38.4	57.6	
132	25.7	19.2	28.8	





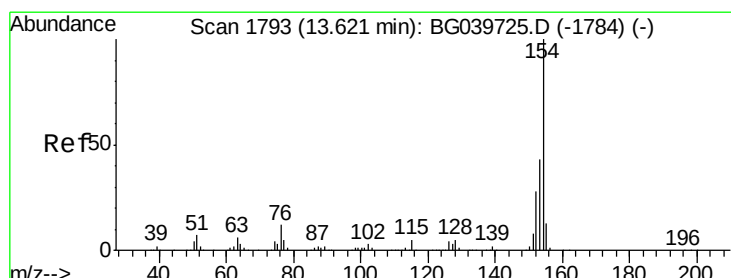
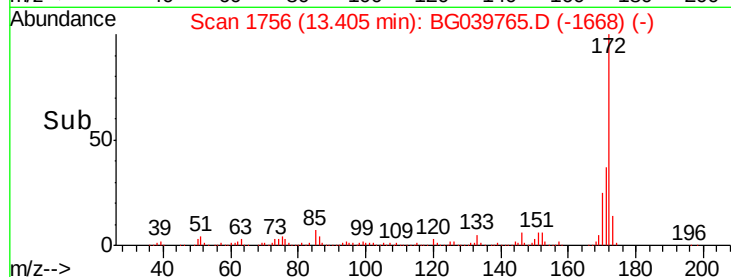
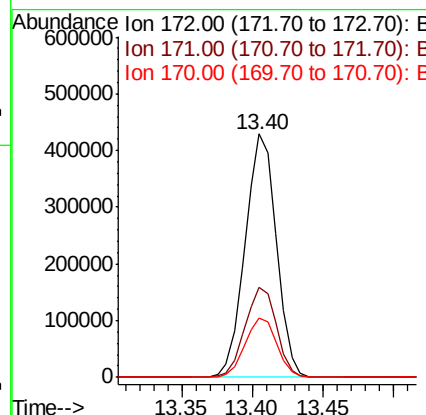
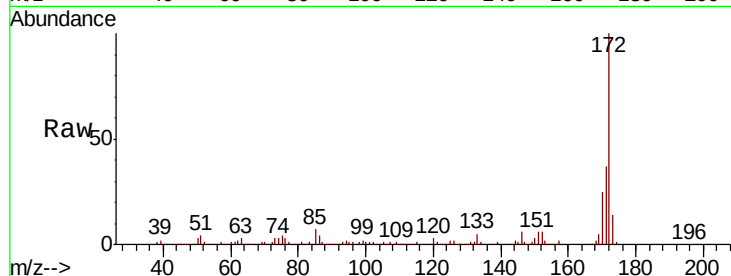
#45
2-Fluorobiphenyl
Concen: 74.549 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	24.5	20.2	30.4

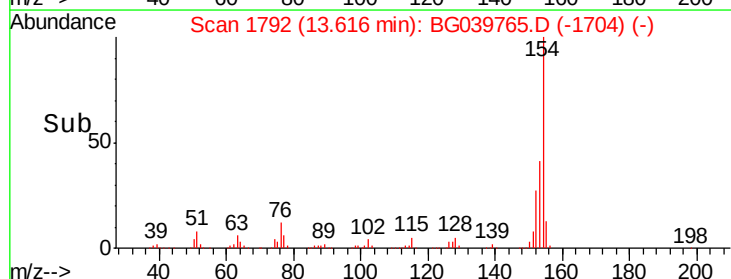
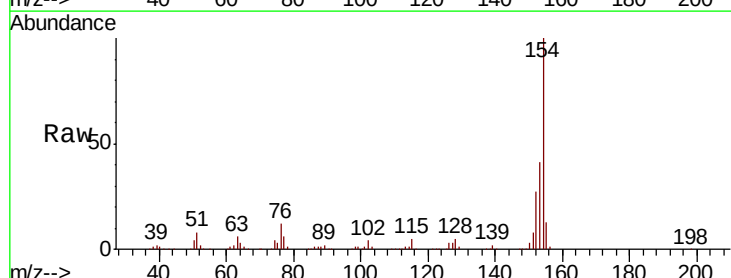
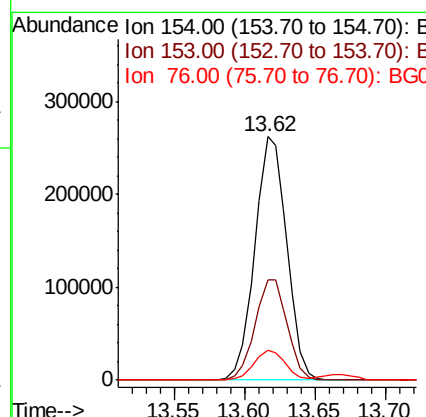
Manual Integrations
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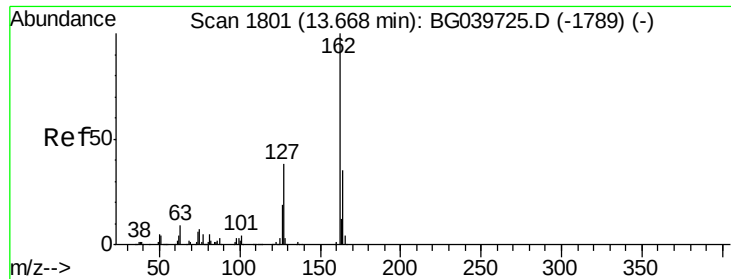
Sohil
3/6/2019 12:01:05 PM



#46
1,1'-Biphenyl
Concen: 39.771 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.1	62.1
76	12.1	0.0	32.4





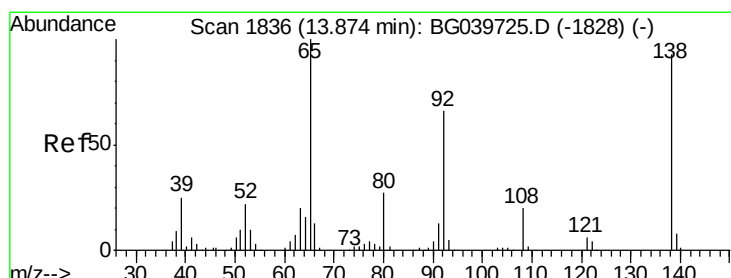
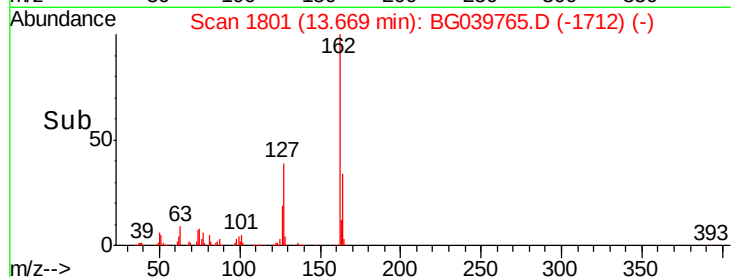
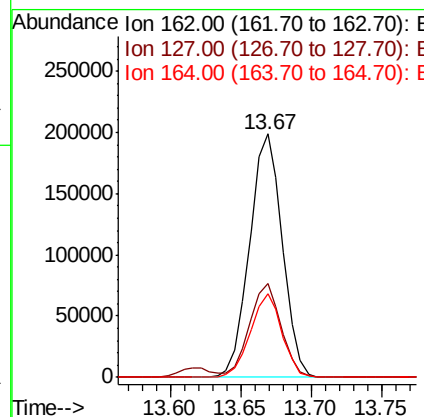
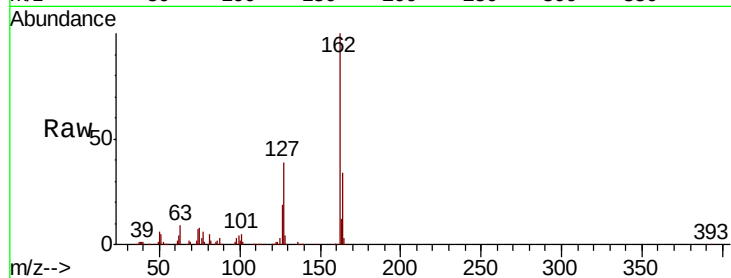
#47
 2-Chloronaphthalene
 Concen: 41.086 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.0	46.6
164	34.1	25.7	38.5

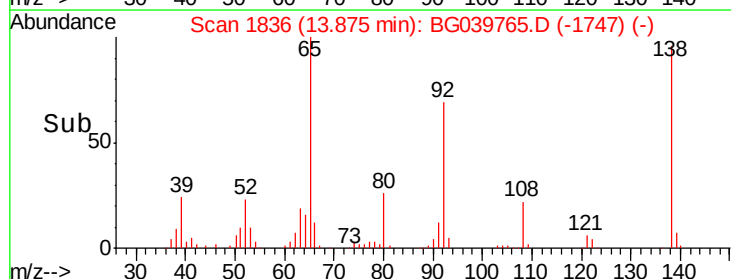
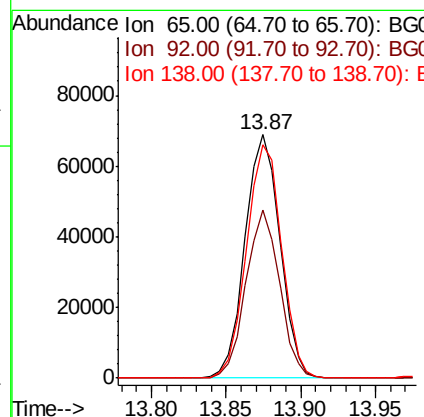
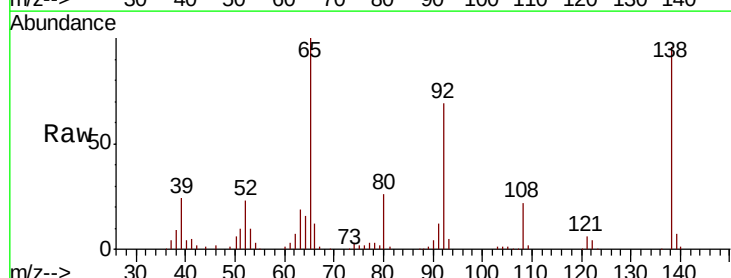
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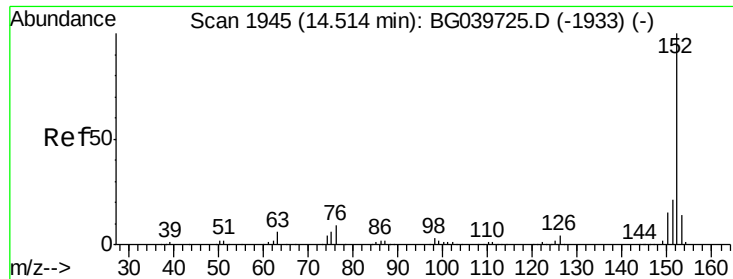
Sohil
 3/6/2019 12:01:05 PM



#48
 2-Nitroaniline
 Concen: 44.279 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	51.4	77.2
138	96.0	71.4	107.2





#49

Acenaphthylene

Concen: 40.343 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

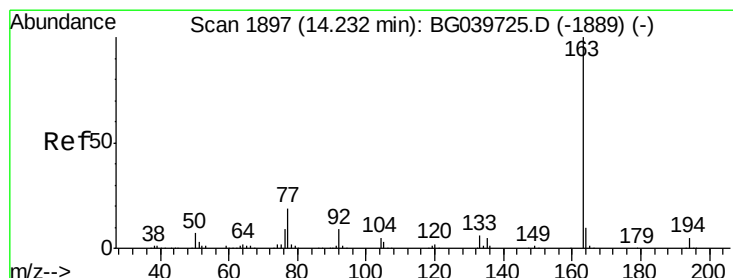
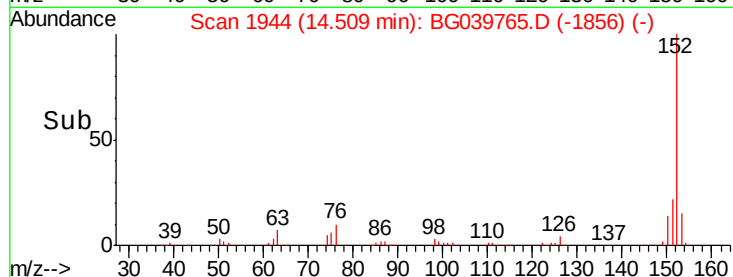
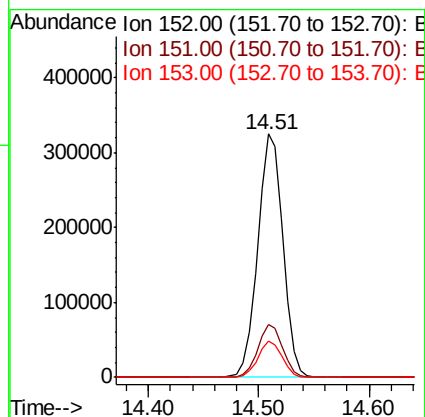
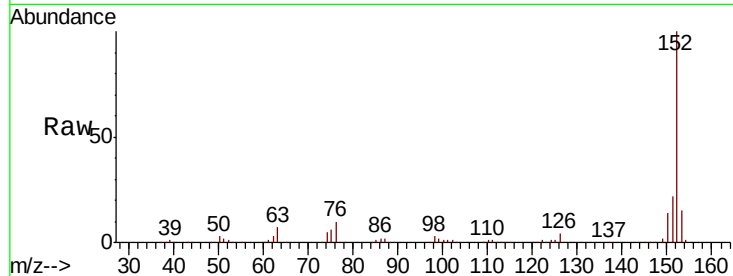
ClientSampleId :

PB117619BS

Tot Ion:	152	Resp:	519856
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.8	25.2
153	14.8	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.577 ng

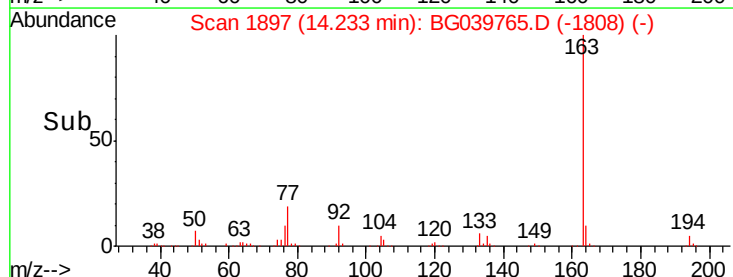
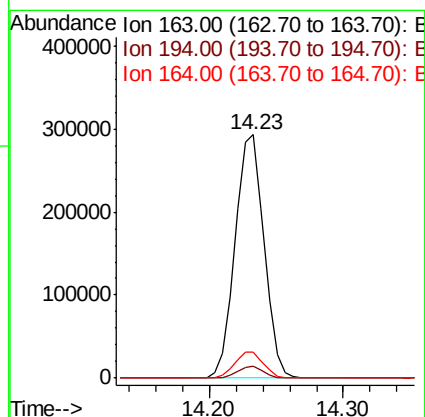
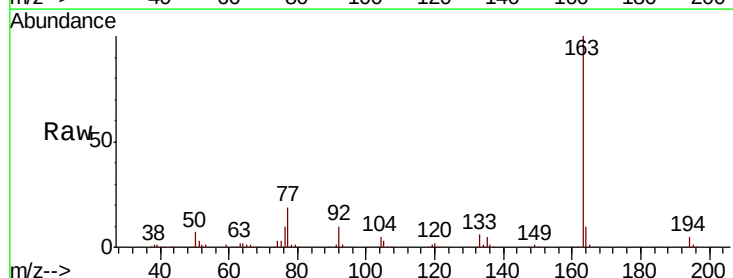
RT: 14.23 min Scan# 1897

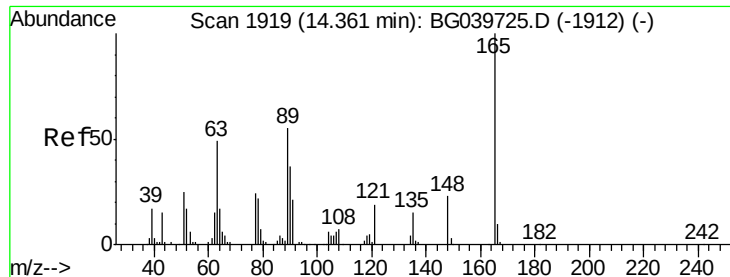
Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion:	163	Resp:	441059
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.6	5.4
164	10.5	8.4	12.6





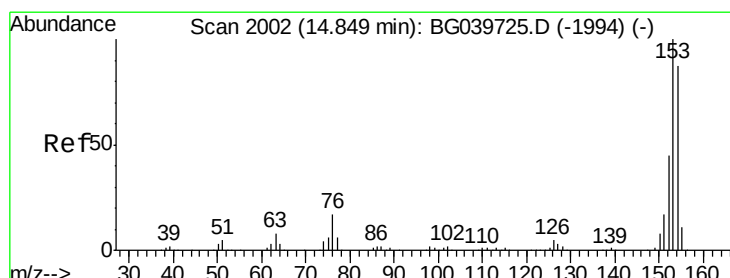
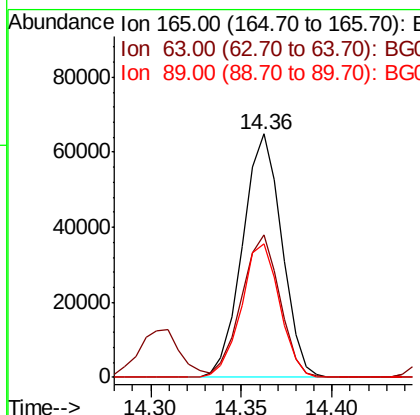
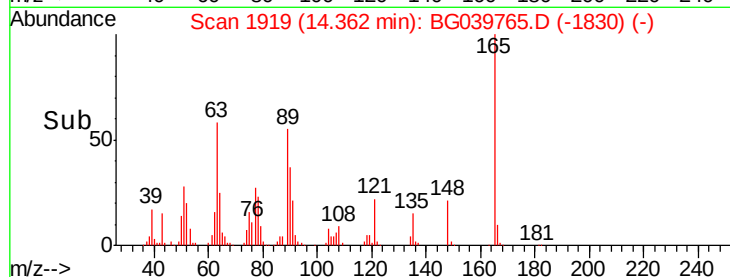
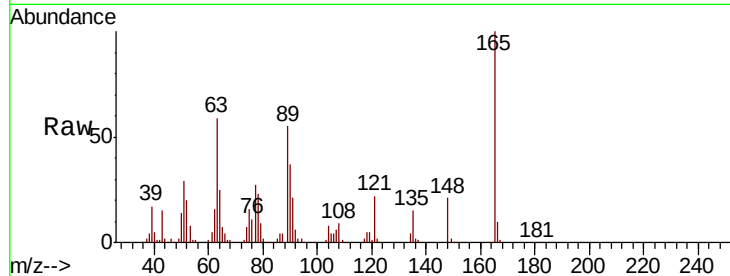
#51
 2,6-Dinitrotoluene
 Concen: 43.366 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	97525		
63	58.7		47.0	70.6
89	55.0		45.8	68.8

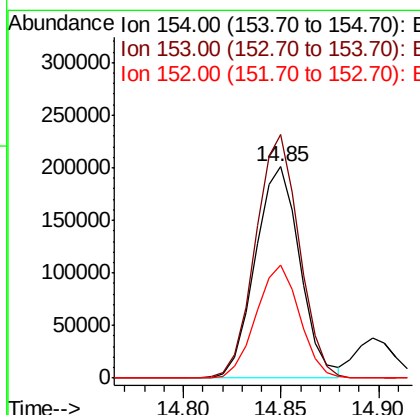
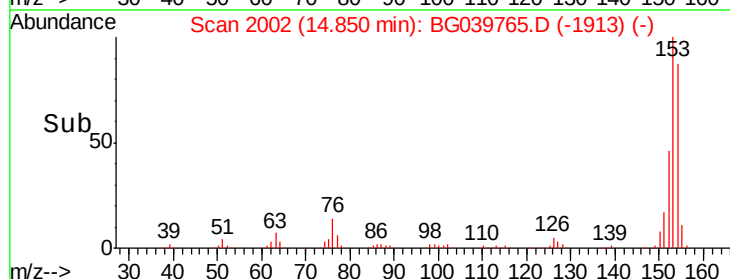
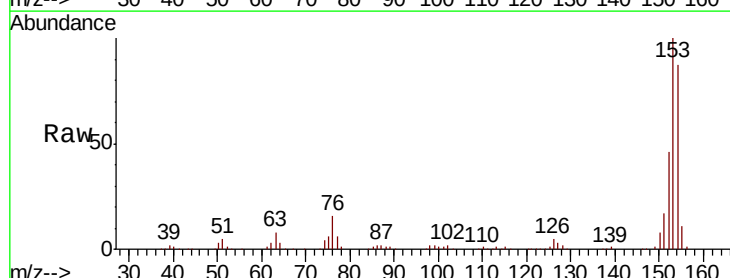
Manual Integrations
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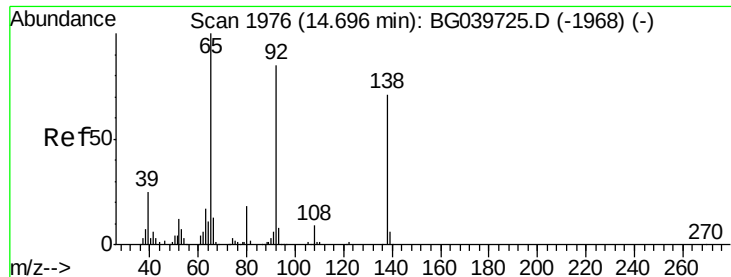
Sohil
 3/6/2019 12:01:05 PM



#52
 Acenaphthene
 Concen: 41.040 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	318296		
153	115.2		90.1	135.1
152	53.2		40.9	61.3





#53

3-Nitroaniline

Concen: 28.141 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

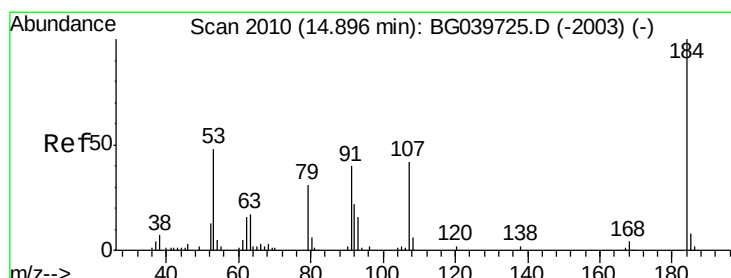
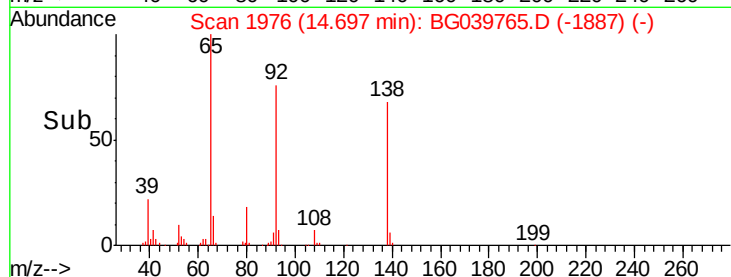
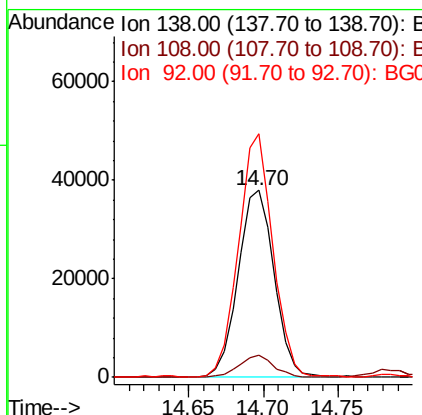
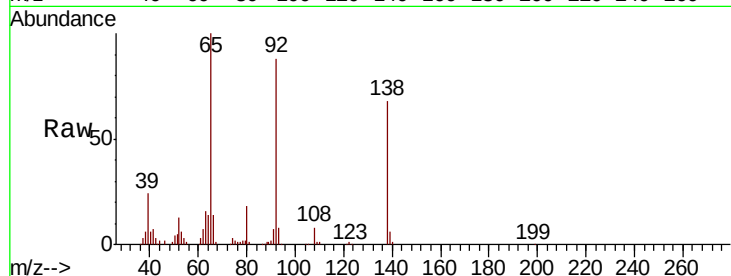
ClientSampleId :

PB117619BS

Tot Ion:138 Resp: 63615
 Ion Ratio Lower Upper
 138 100
 108 11.8 13.8 20.8#
 92 130.2 103.7 155.5

Manual Integrations
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 3/6/2019 12:01:05 PM



#54

2,4-Dinitrophenol

Concen: 67.064 ng

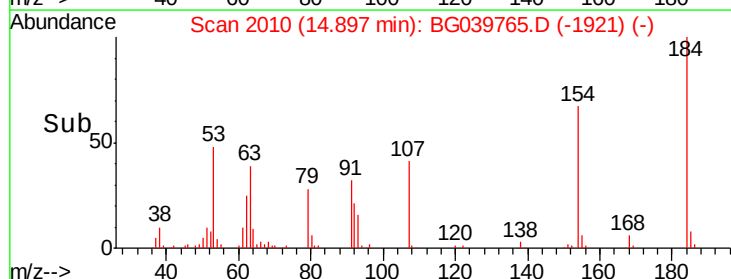
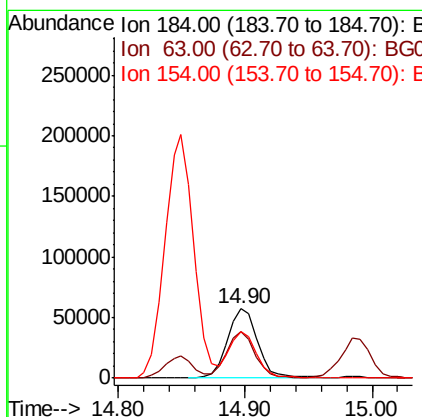
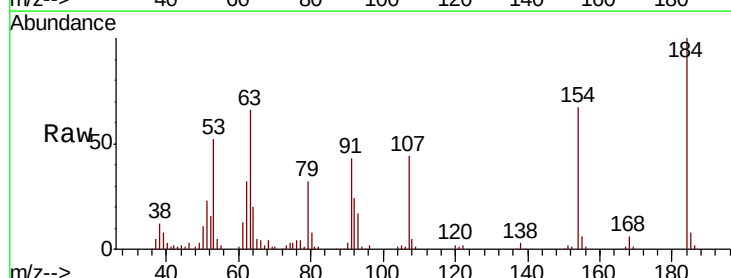
RT: 14.90 min Scan# 2010

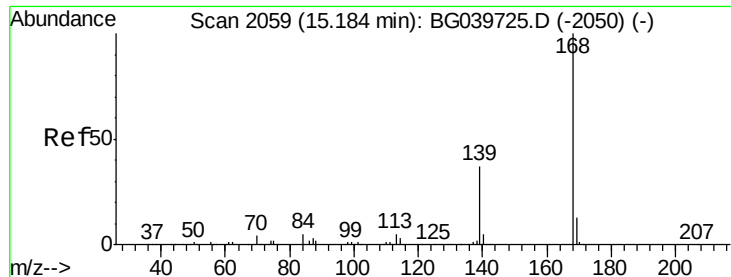
Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion:184 Resp: 93822
 Ion Ratio Lower Upper
 184 100
 63 66.2 50.9 76.3
 154 66.8 53.0 79.6





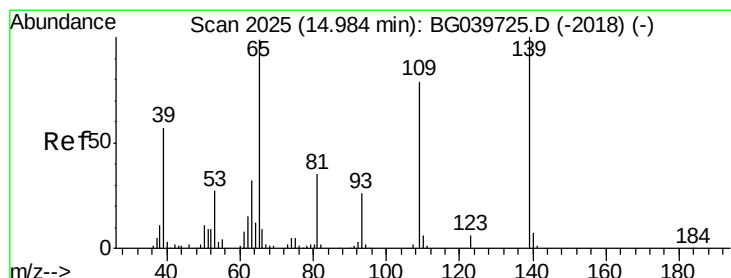
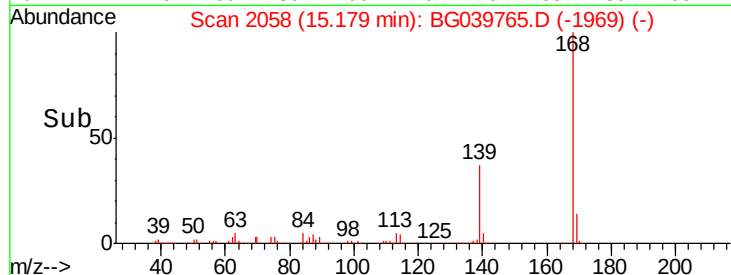
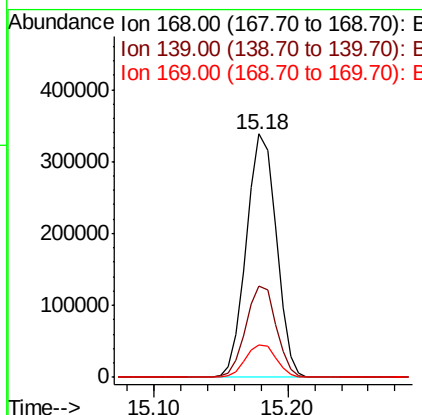
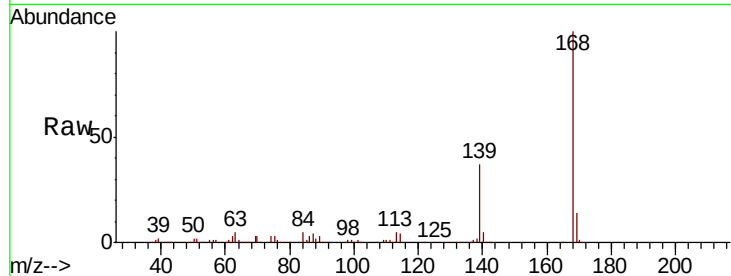
#55
Dibenzenofuran
Concen: 41.143 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	13.6	10.6	16.0

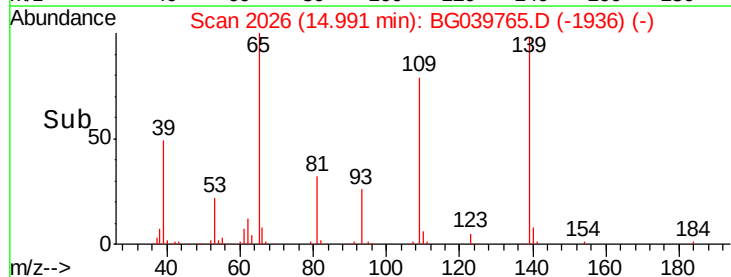
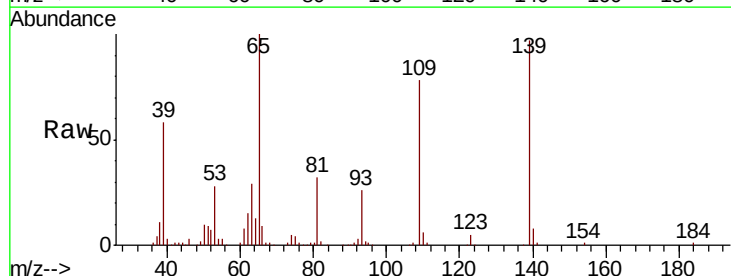
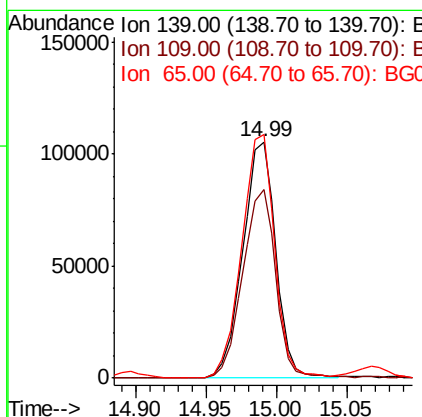
Manual Integrations
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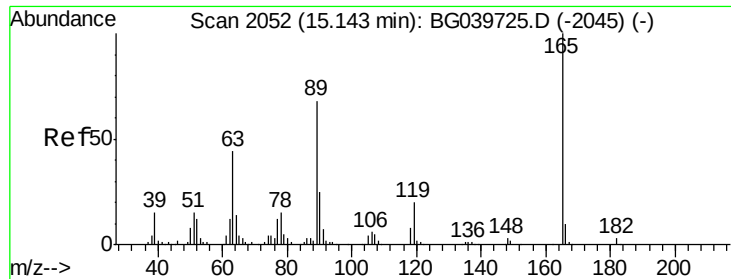
Sohil
3/6/2019 12:01:05 PM



#56
4-Nitrophenol
Concen: 85.592 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.0	61.9	101.9
65	103.2	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 44.307 ng

RT: 15.14 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

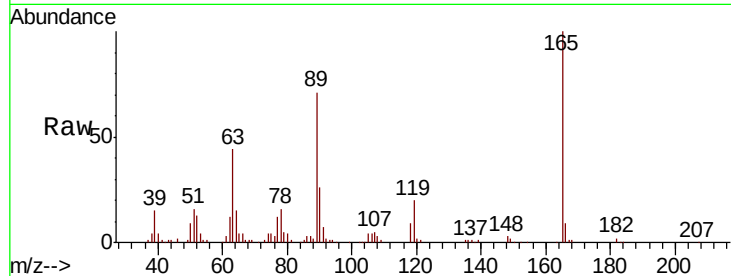
ClientSampleId :

PB117619BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	140007		
63	43.8		41.0	61.6
89	71.1		64.6	96.8
182	2.5		2.0	3.0

Manual Integrations
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Sohil
3/6/2019 12:01:05 PM



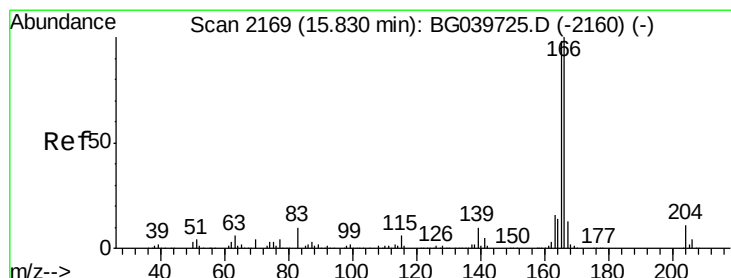
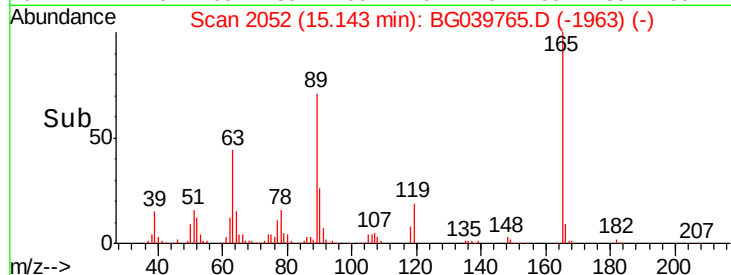
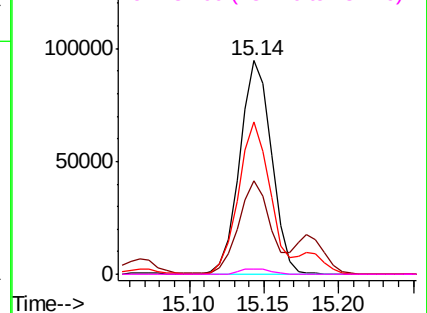
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.173 ng

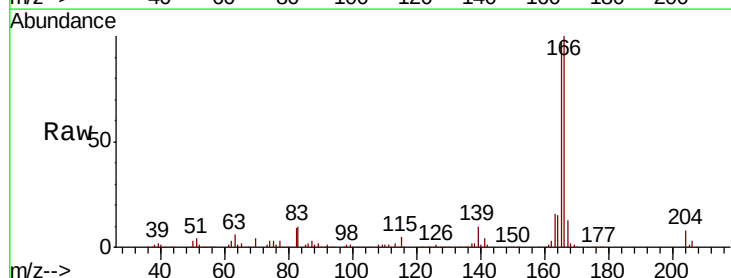
RT: 15.83 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	411875		
165	97.3		77.9	116.9
167	13.4		10.8	16.2

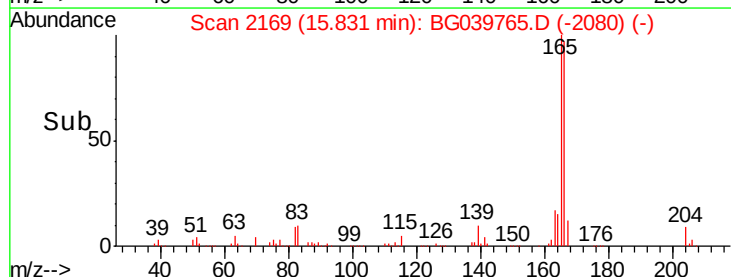
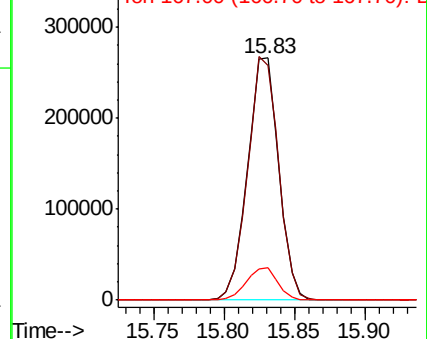


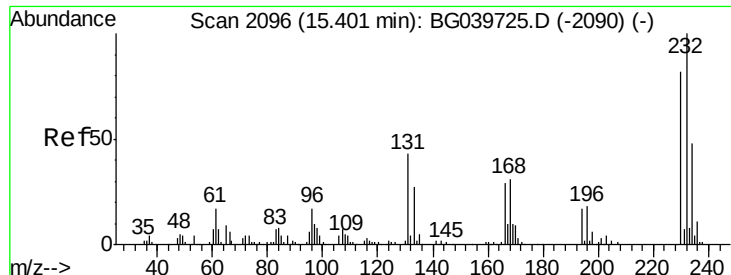
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





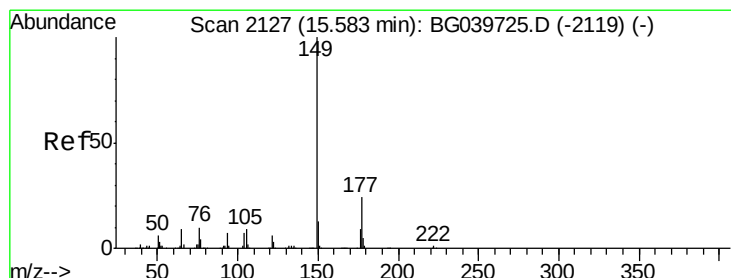
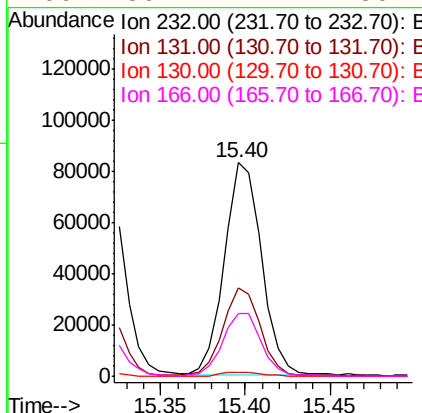
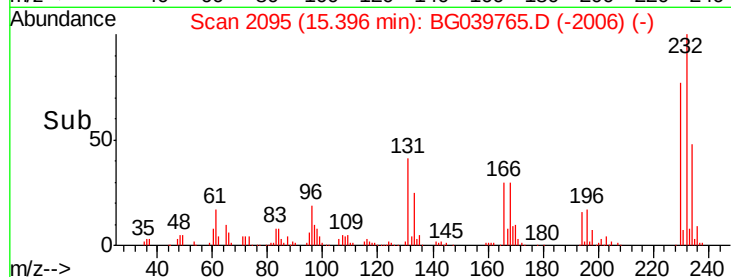
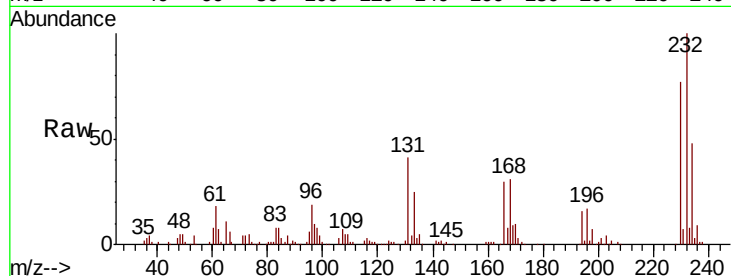
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.979 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	34.9	52.3
130	2.3	2.0	3.0
166	30.7	24.1	36.1

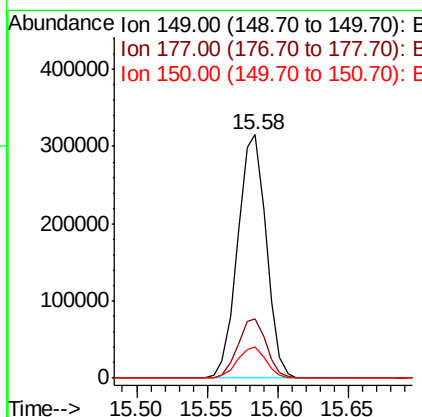
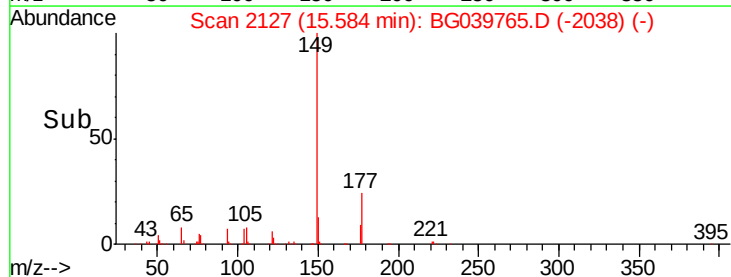
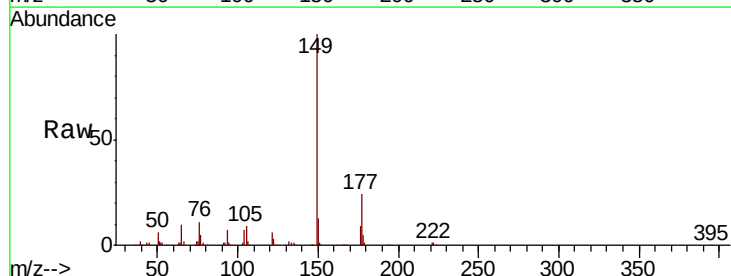
Manual Integrations
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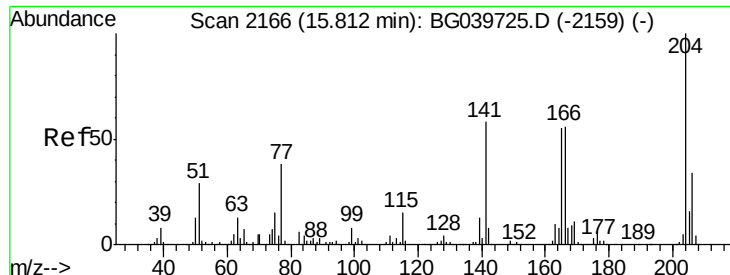
Sohil
 3/6/2019 12:01:05 PM



#60
 Diethylphthalate
 Concen: 42.308 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.3	27.5
150	12.8	10.2	15.2





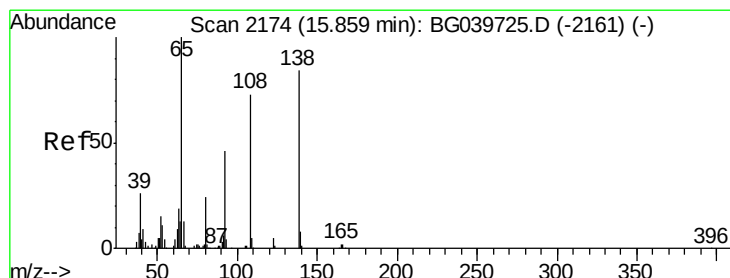
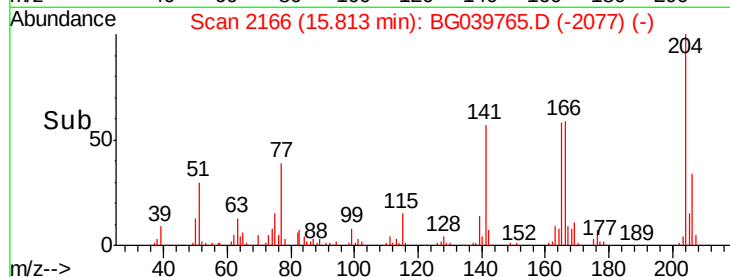
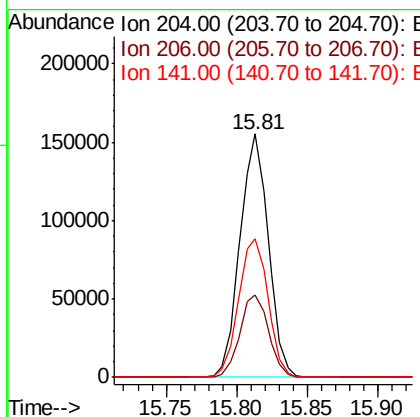
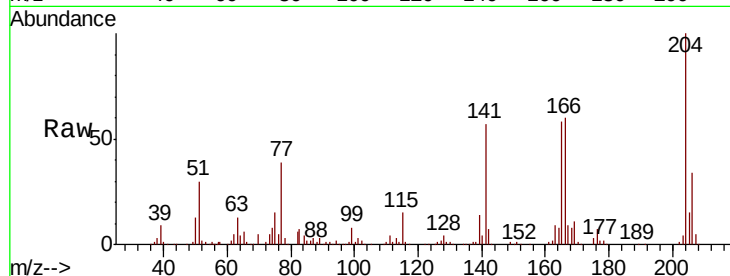
#61
4-Chlorophenyl-phenylether
Concen: 40.694 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	29.2	43.8
141	57.0	49.0	73.4

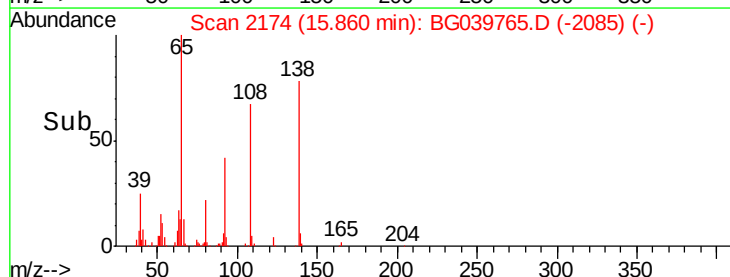
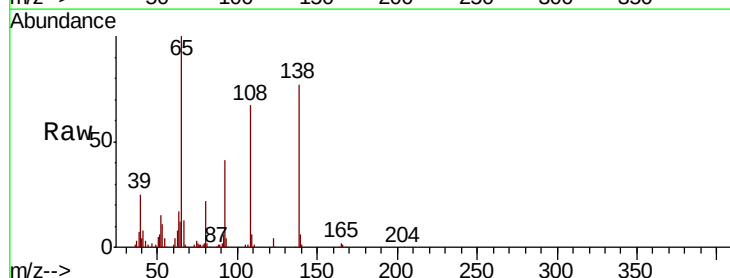
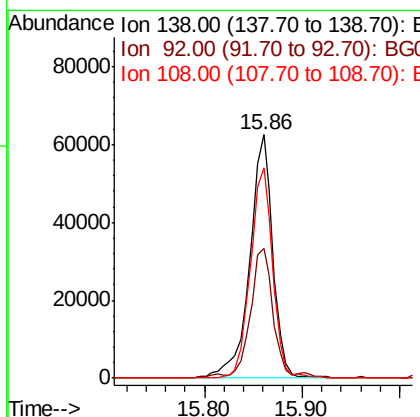
Manual Integrations
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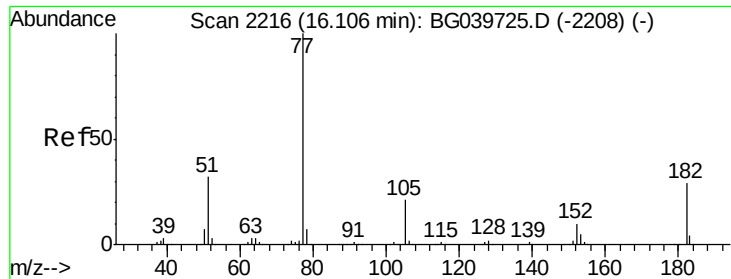
Sohil
3/6/2019 12:01:05 PM



#62
4-Nitroaniline
Concen: 42.277 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	38.7	78.7
108	86.5	74.6	114.6





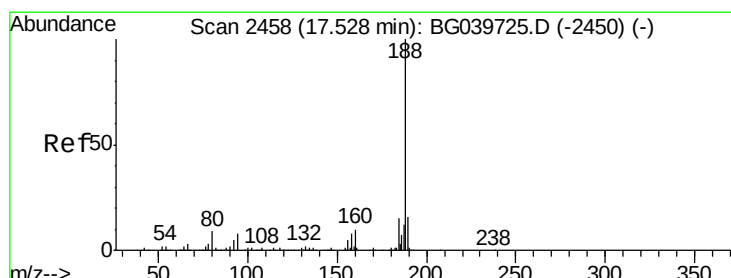
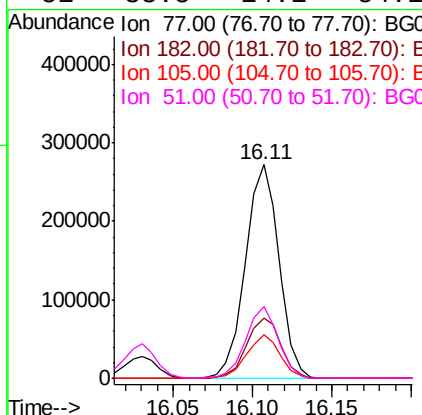
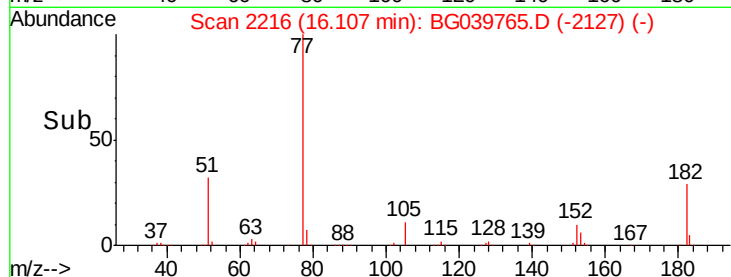
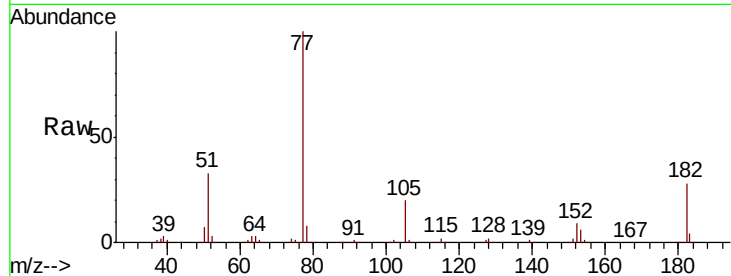
#63
Azobenzene
Concen: 41.804 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.9	6.4	46.4		
105	20.3	0.0	39.8		
51	33.5	14.1	54.1		

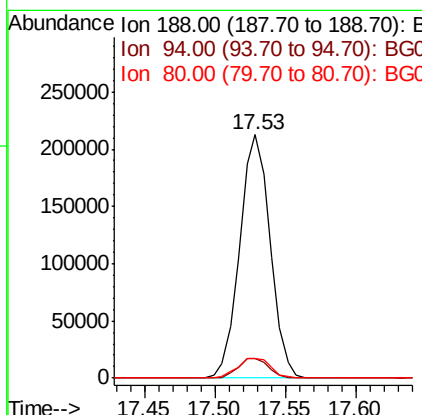
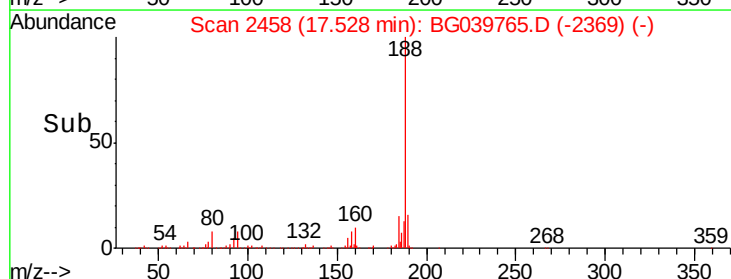
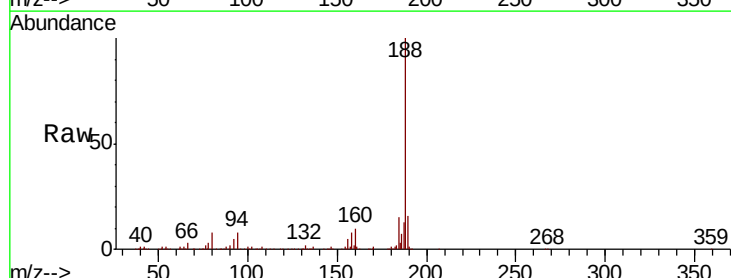
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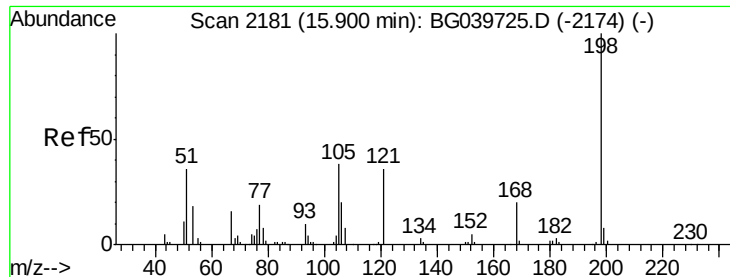
Sohil
3/6/2019 12:01:05 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

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





#65

4,6-Dinitro-2-methylphenol

Concen: 40.500 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

Tot Ion:198 Resp: 76776

Ion Ratio Lower Upper

198 100

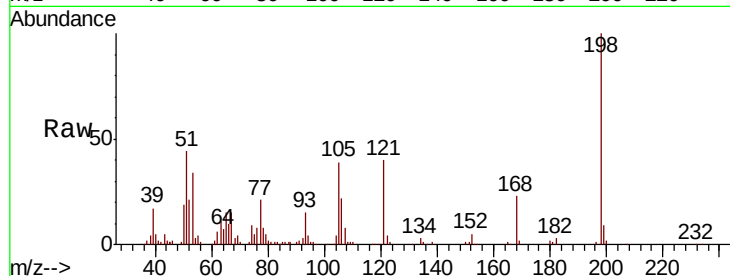
51 44.5 27.4 67.4

105 39.5 19.7 59.7

Manual Integrations
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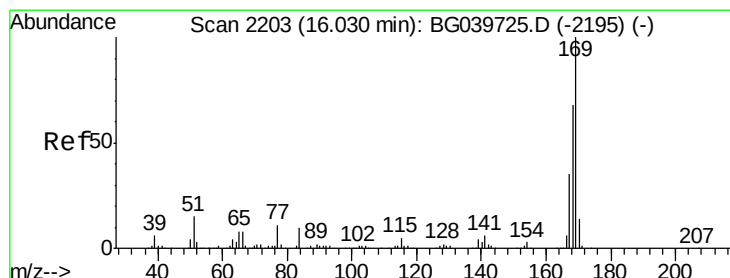
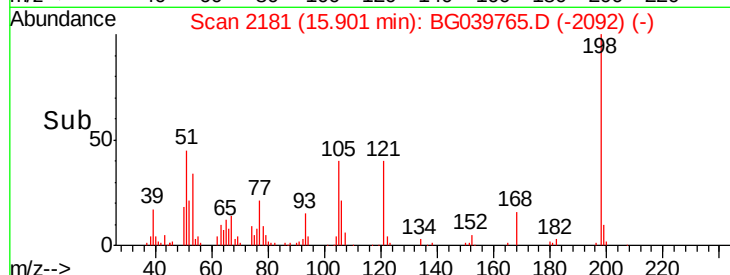
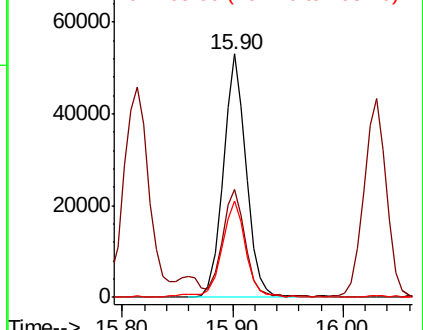
3/6/2019 12:01:05 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039765.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.693 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

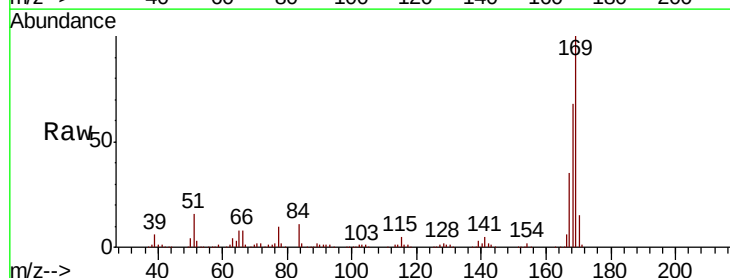
Tgt Ion:169 Resp: 386991

Ion Ratio Lower Upper

169 100

168 68.0 56.6 85.0

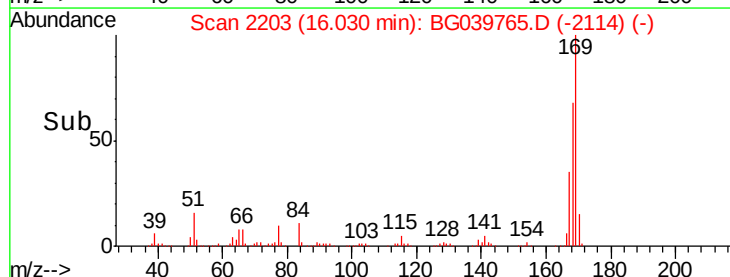
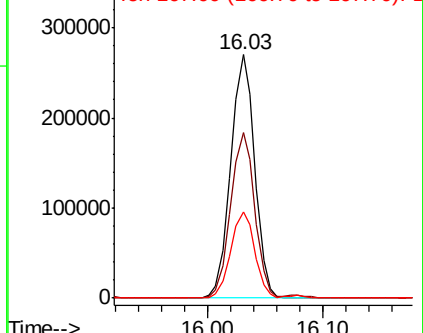
167 35.4 28.8 43.2

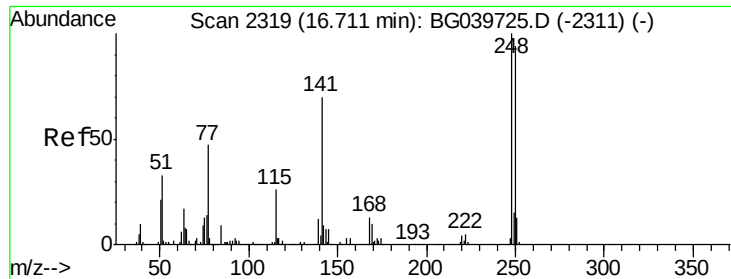


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.567 ng

RT: 16.71 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

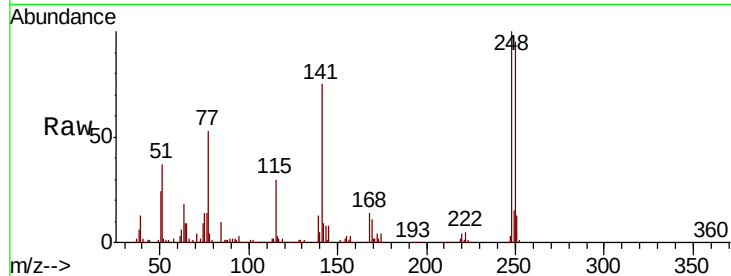
ClientSampled :

PB117619BS

Tot Ion:	248	Resp:	145587
Ion Ratio	Lower	Upper	
248	100		
250	95.0	77.6	116.4
141	75.1	63.9	95.9

Manual Integrations
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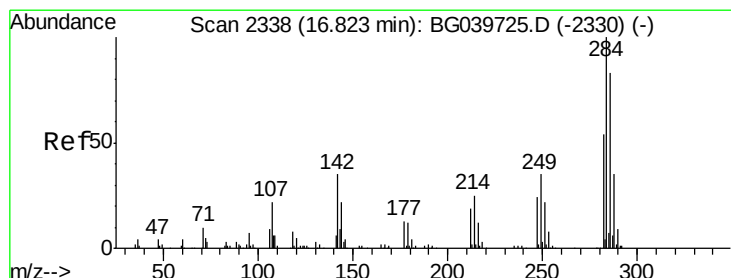
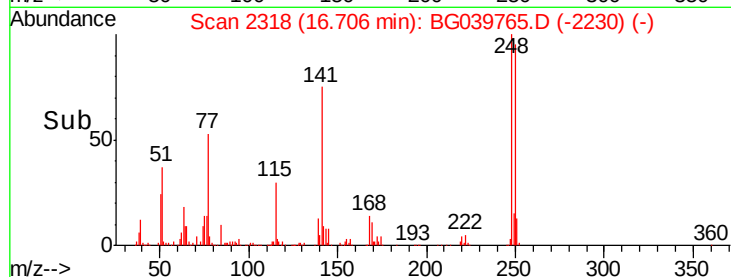
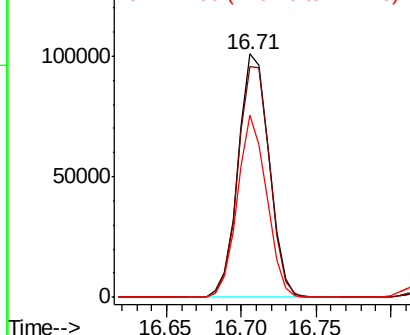


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.464 ng

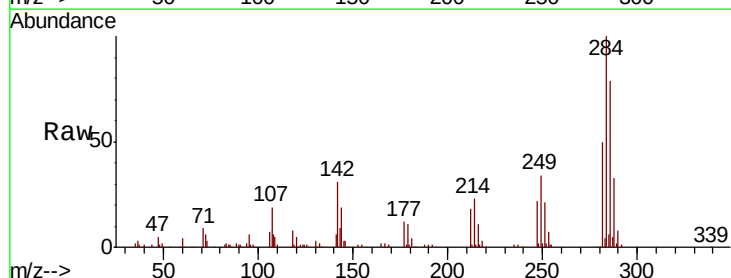
RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion:	284	Resp:	150526
Ion Ratio	Lower	Upper	
284	100		
142	31.3	30.6	45.8
249	34.1	28.2	42.2

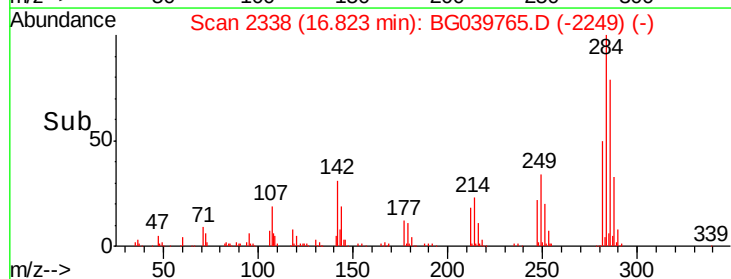
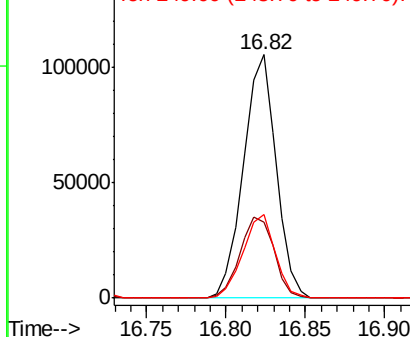


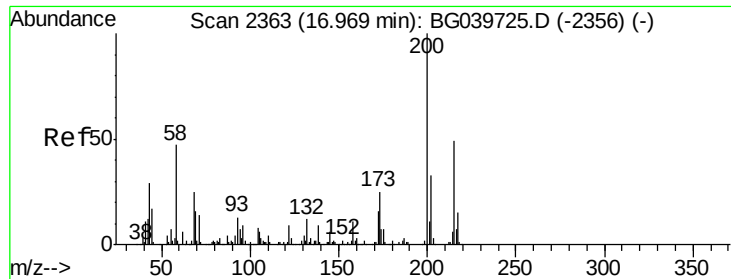
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





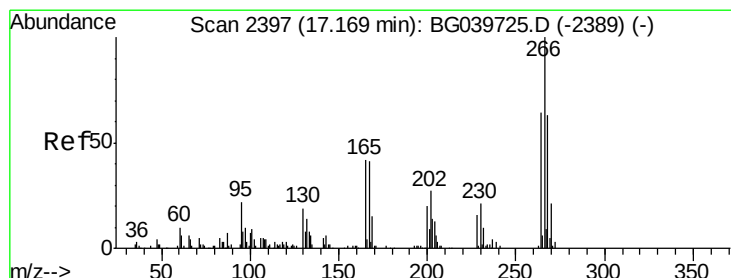
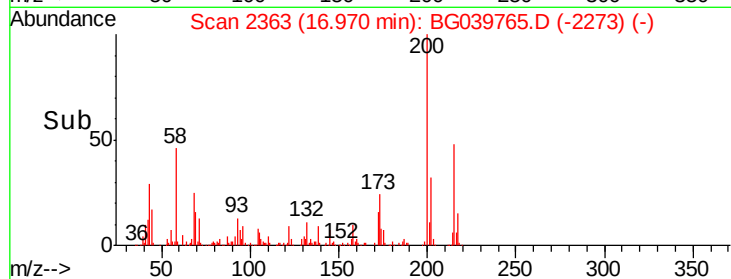
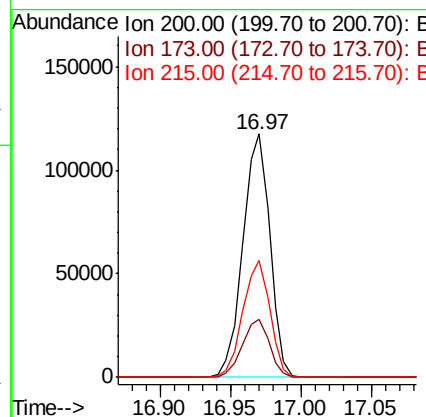
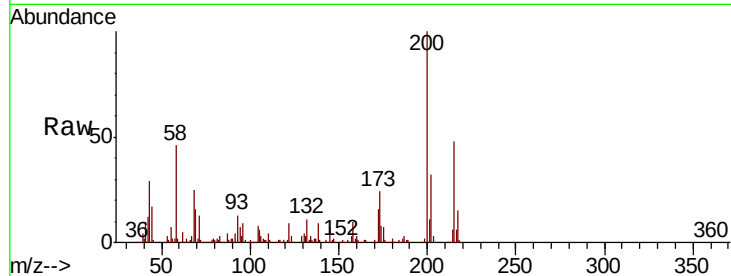
#69
Atrazine
Concen: 42.993 ng
RT: 16.97 min Scan# 2363
Delta R.T. 0.00 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.6	3.9	43.9
215	48.1	30.9	70.9

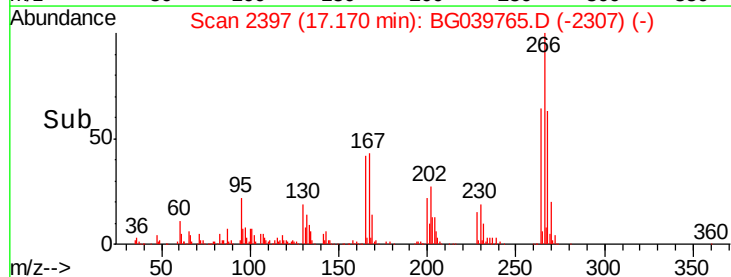
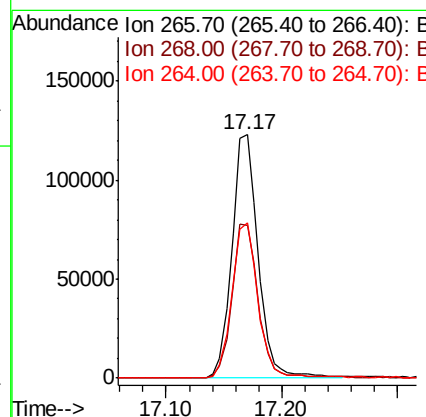
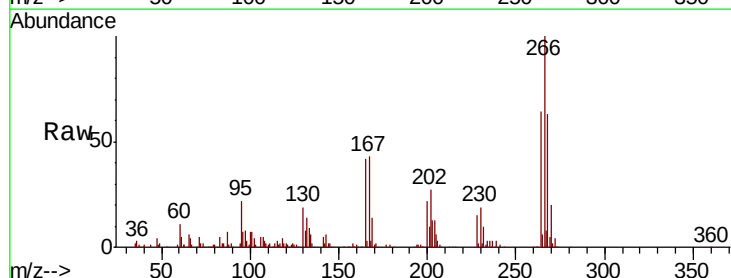
Manual Integrations
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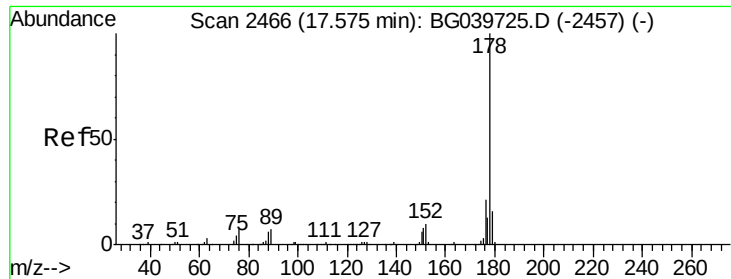
Sohil
3/6/2019 12:01:05 PM



#70
Pentachlorophenol
Concen: 82.156 ng
RT: 17.17 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.6	51.1	76.7
264	63.9	52.1	78.1





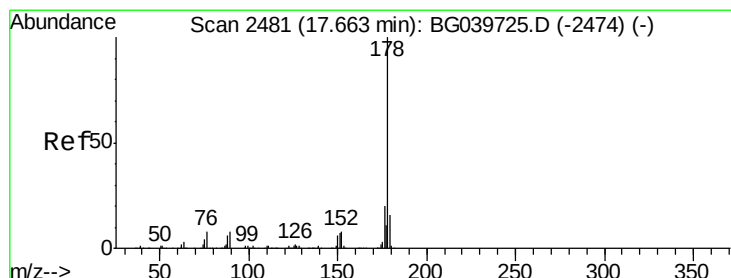
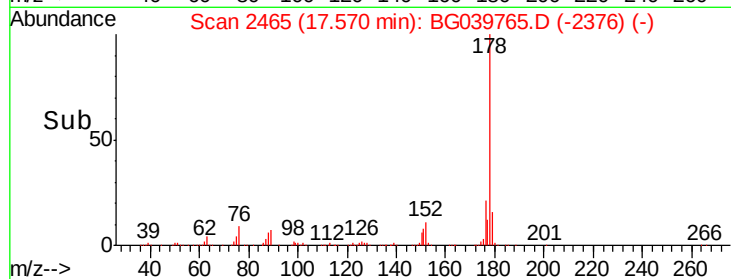
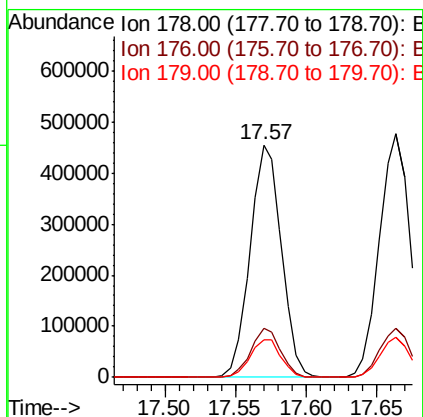
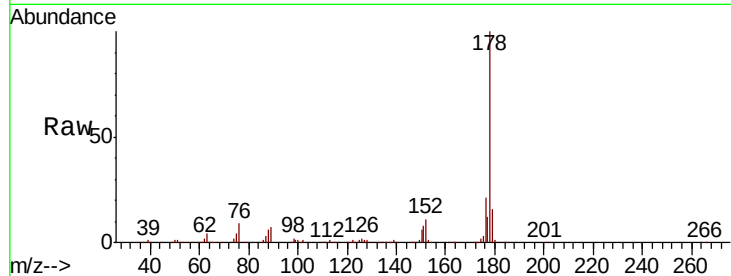
#71
Phenanthrene
Concen: 40.159 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

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

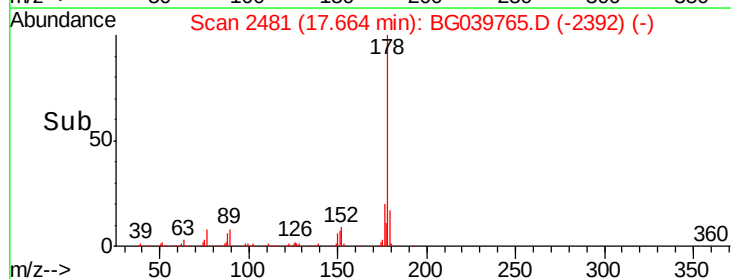
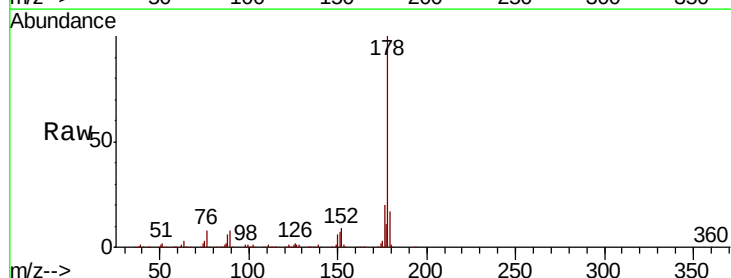
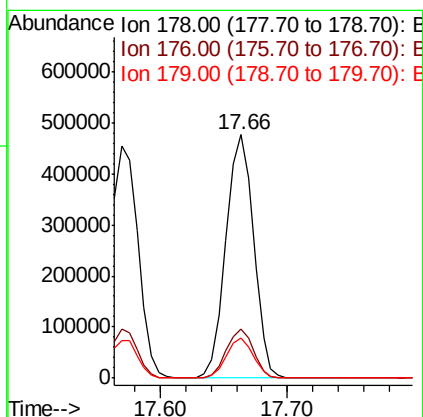
Manual Integrations
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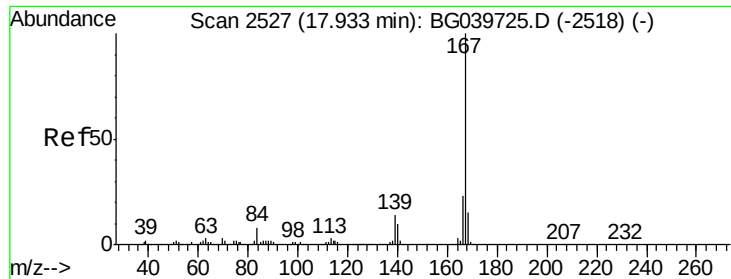
Sohil
3/6/2019 12:01:05 PM



#72
Anthracene
Concen: 41.857 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	16.6	12.5	18.7





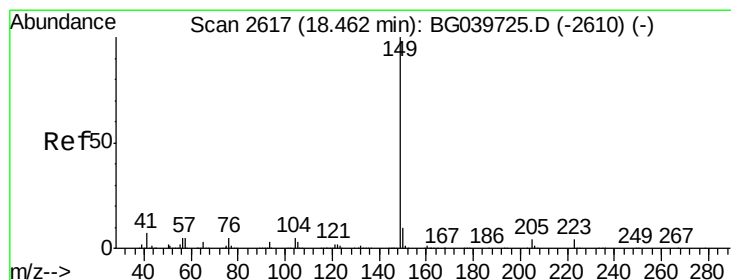
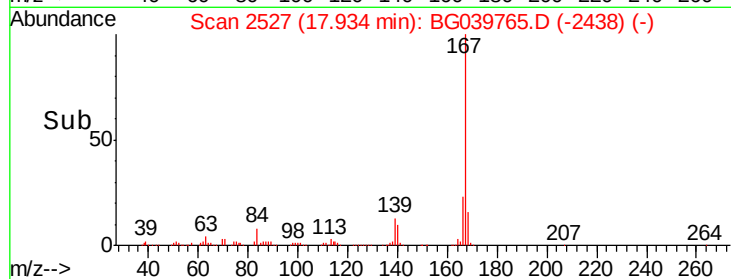
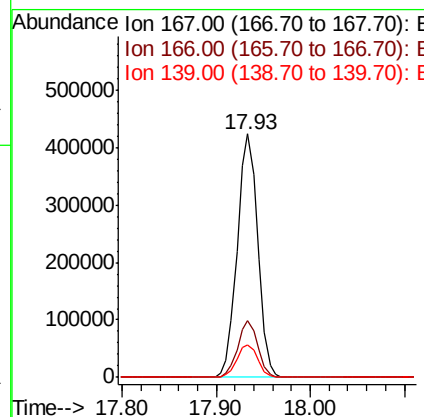
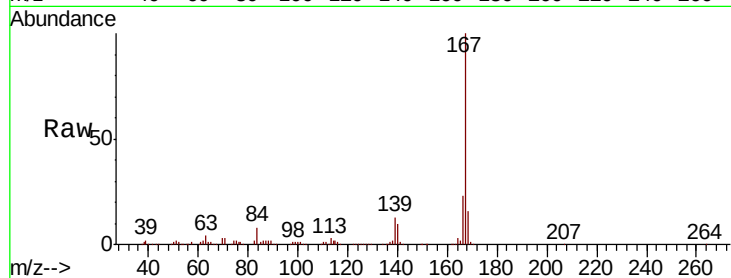
#73
 Carbazole
 Concen: 41.367 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	641786		
166	23.5		19.4	29.2
139	13.5		10.8	16.2

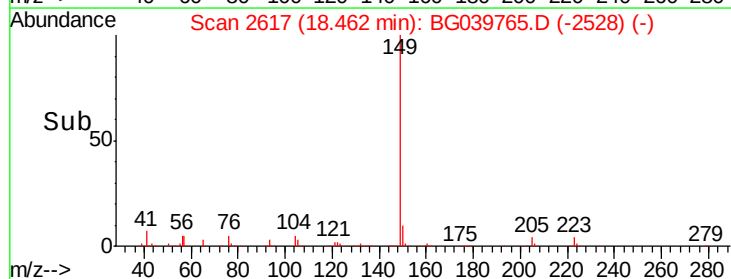
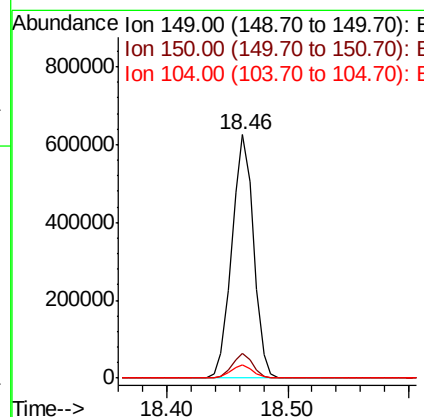
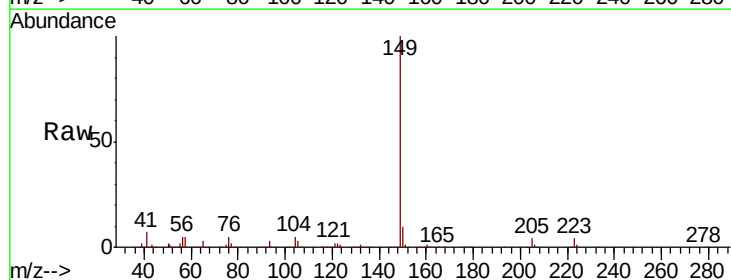
Manual Integrations
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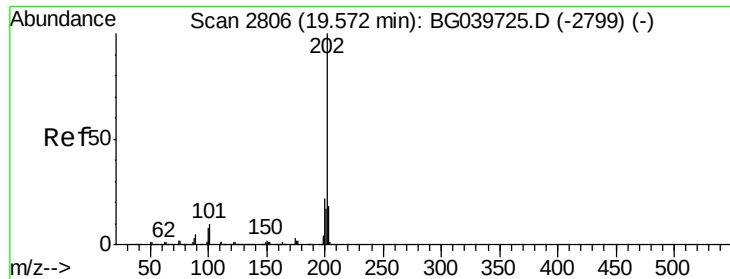
Sohil
 3/6/2019 12:01:05 PM



#74
 Di-n-butylphthalate
 Concen: 42.684 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	779151		
150	10.2		7.7	11.5
104	5.4		4.5	6.7





#75

Fluoranthene

Concen: 41.461 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

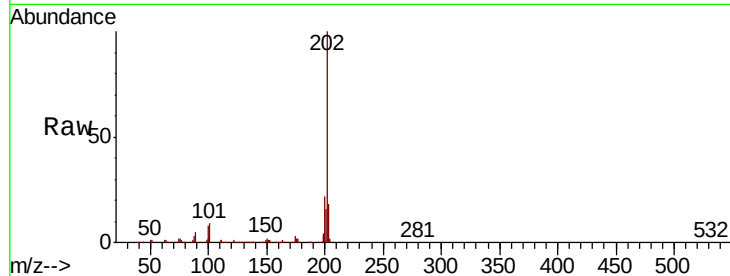
ClientSampleId :

PB117619BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	865340		
101	9.2	0.0	30.0	
203	18.5	0.0	38.9	

Manual Integrations
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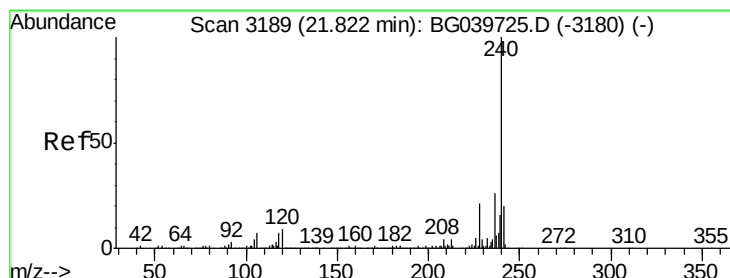
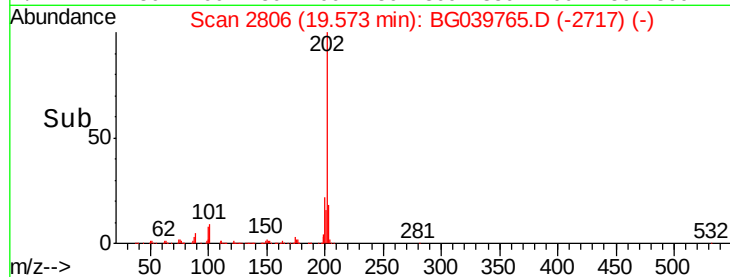
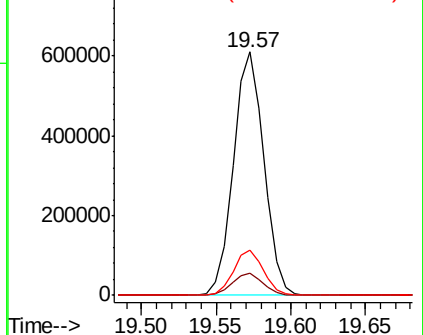


Abundance

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

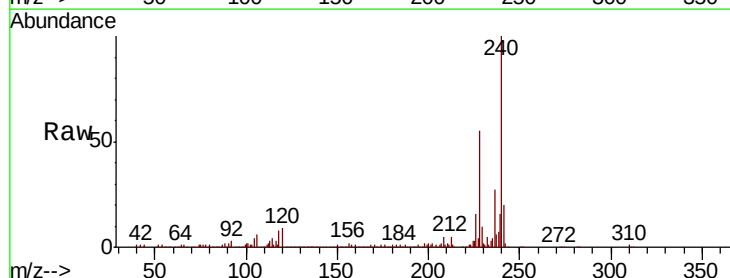
RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	324613		
120	8.6	7.0	10.6	
236	26.9	21.0	31.4	

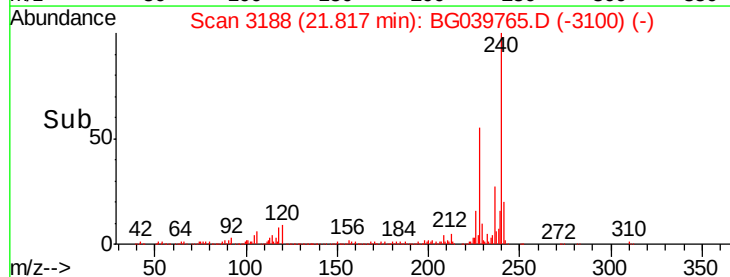
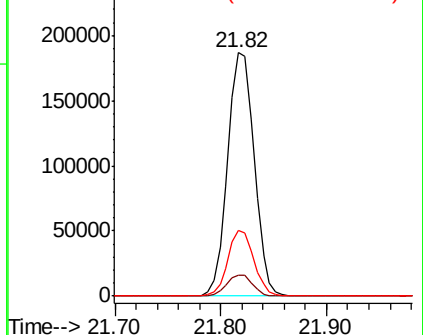


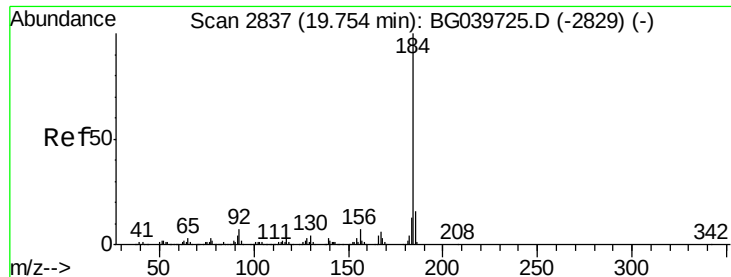
Abundance

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: 38.293 ng

RT: 19.75 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

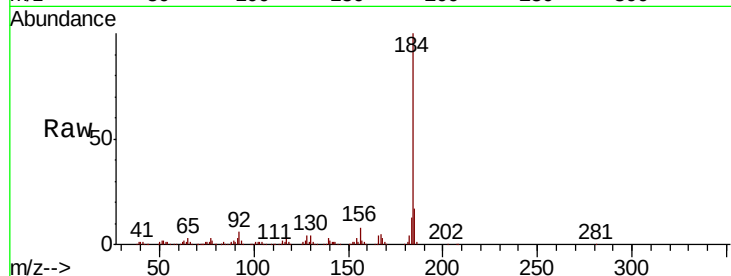
ClientSampleId :

PB117619BS

Tot Ion:	184	Resp:	394455
Ion Ratio	Lower	Upper	
184	100		
185	17.4	12.2	18.2
183	13.1	10.6	15.8

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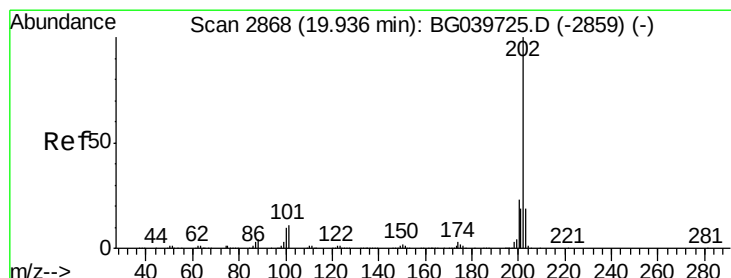
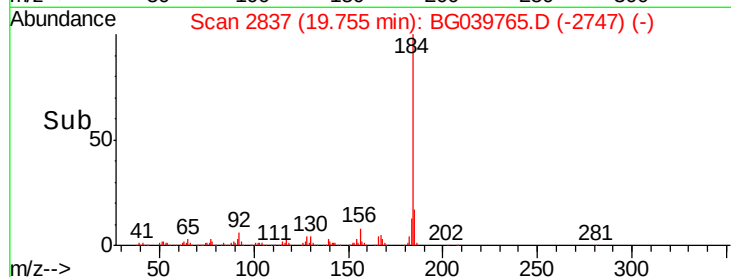
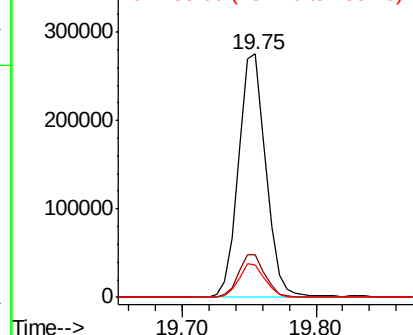


Abundance

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: 40.839 ng

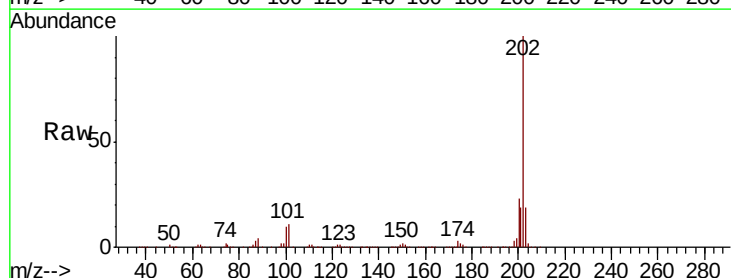
RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion:	202	Resp:	861438
Ion Ratio	Lower	Upper	
202	100		
200	23.4	17.8	26.8
203	18.8	15.3	22.9

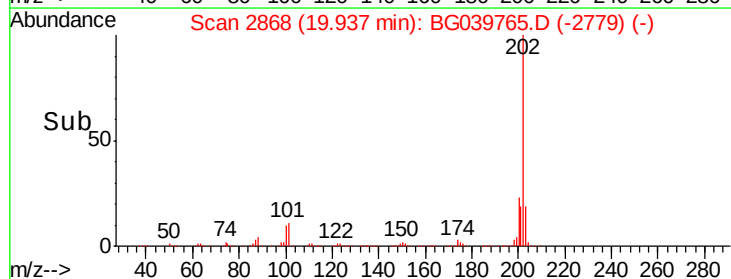
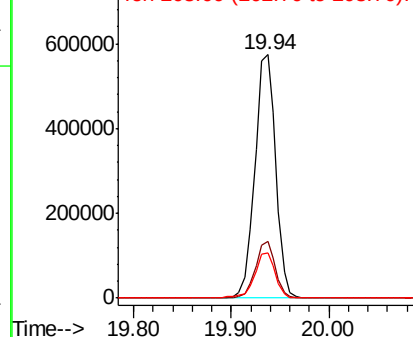


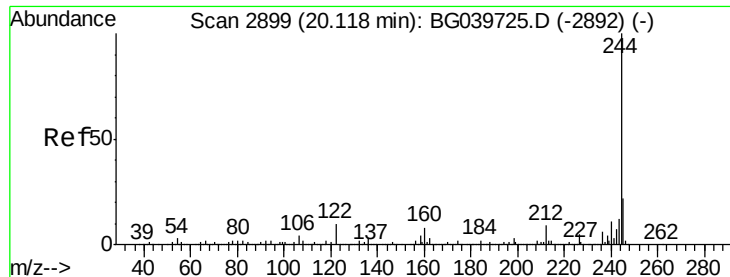
Abundance

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





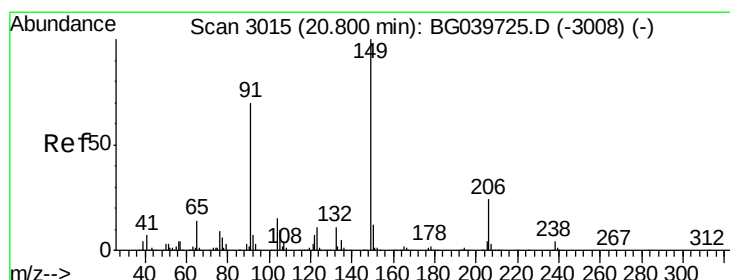
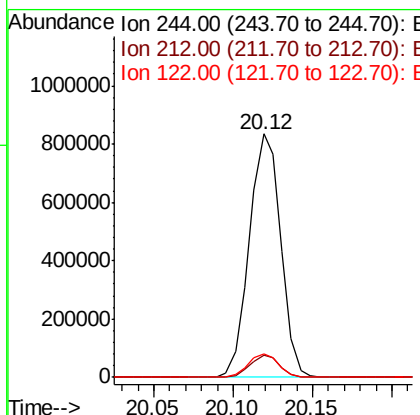
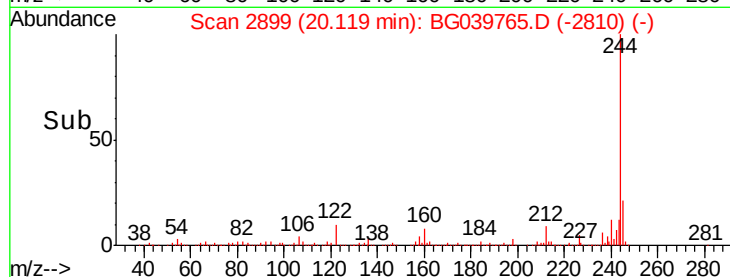
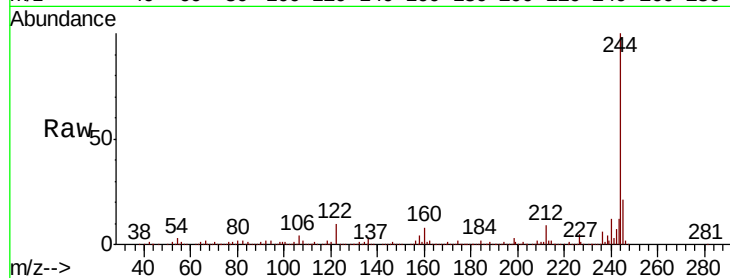
#79
 Terphenyl-d14
 Concen: 77.874 ng
 RT: 20.12 min Scan# 2899
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Instrument :
 BNA_G
 ClientSampleID :
 PB117619BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	9.9	8.4	12.6

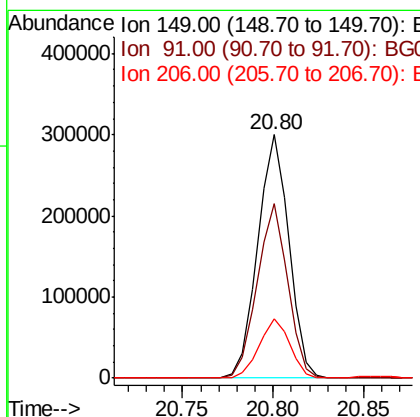
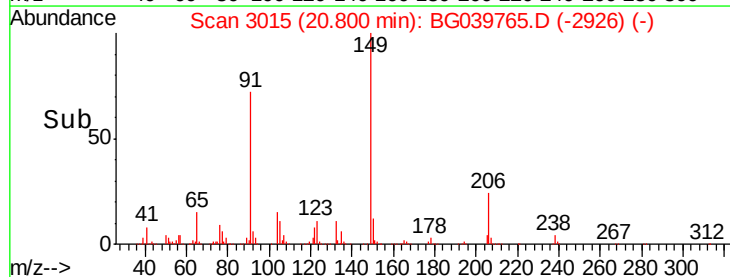
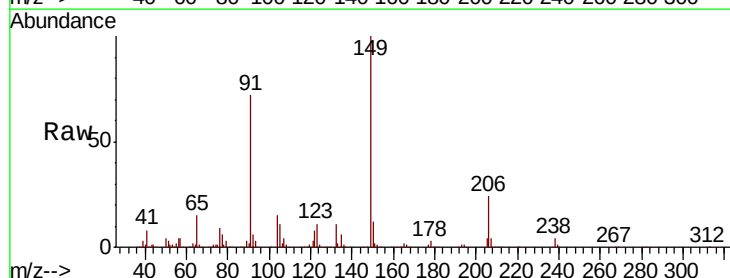
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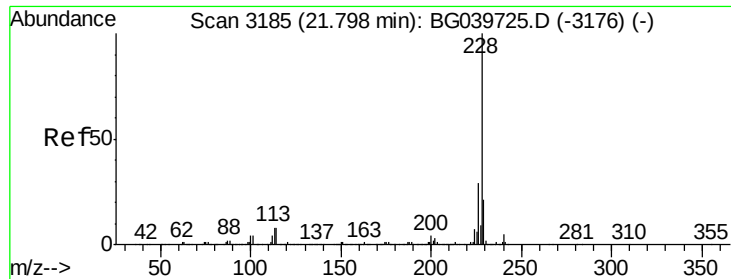
Sohil
 3/6/2019 12:01:05 PM



#80
 Butylbenzylphthalate
 Concen: 43.723 ng
 RT: 20.80 min Scan# 3015
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.6	59.5	89.3
206	24.2	18.6	27.8





#81

Benzo(a)anthracene

Concen: 40.292 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

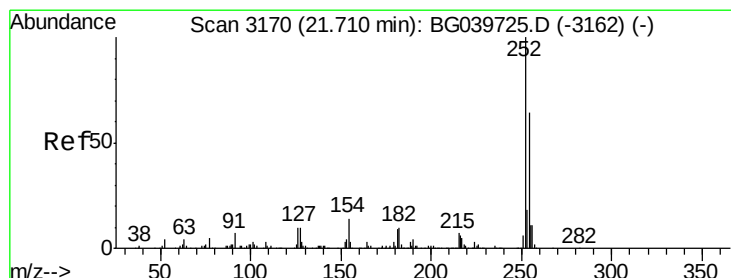
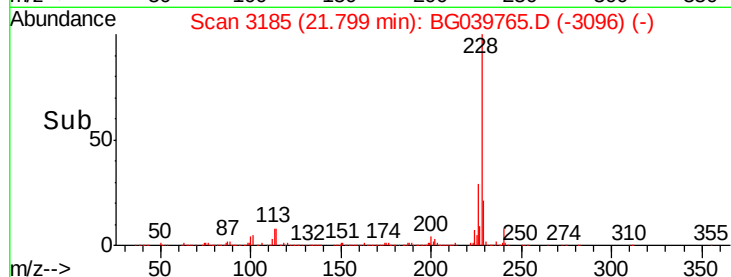
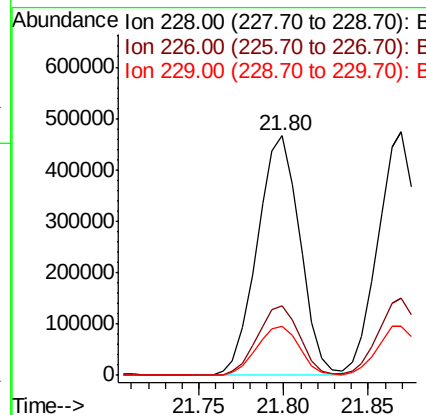
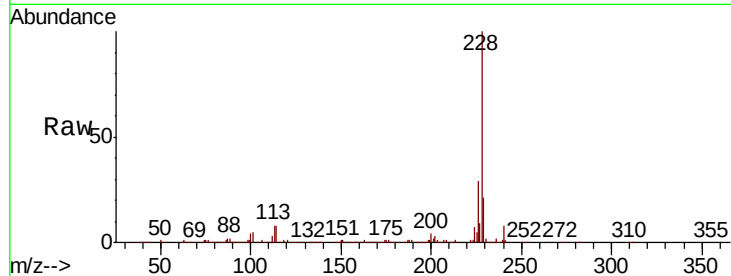
ClientSampleId :

PB117619BS

Tot Ion:	228	Resp:	819717
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.0	34.6
229	20.6	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 24.131 ng

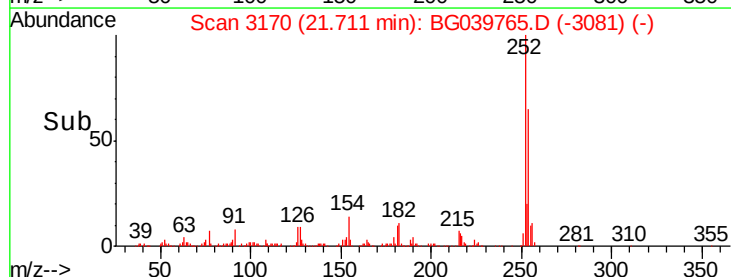
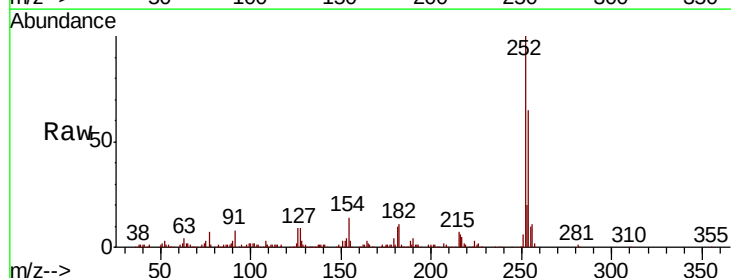
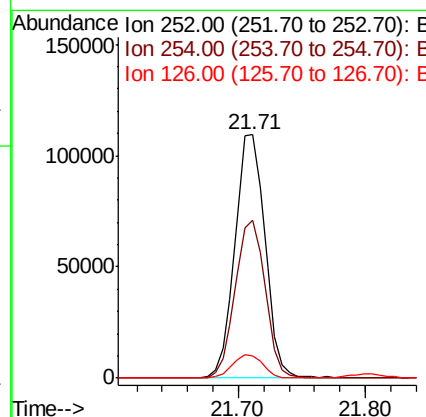
RT: 21.71 min Scan# 3170

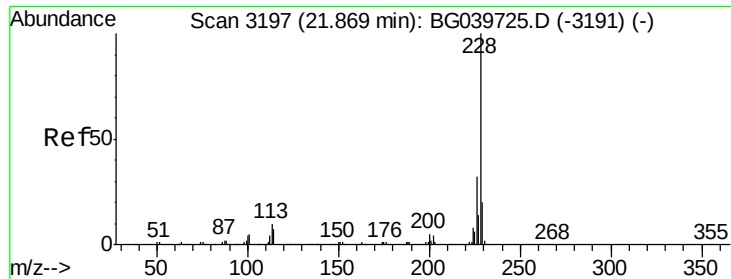
Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion:	252	Resp:	179235
Ion Ratio	Lower	Upper	
252	100		
254	65.1	51.3	76.9
126	8.9	8.0	12.0





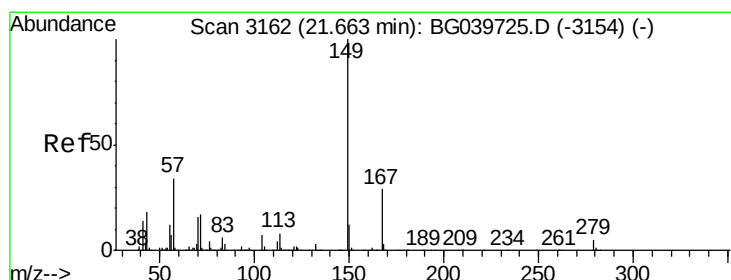
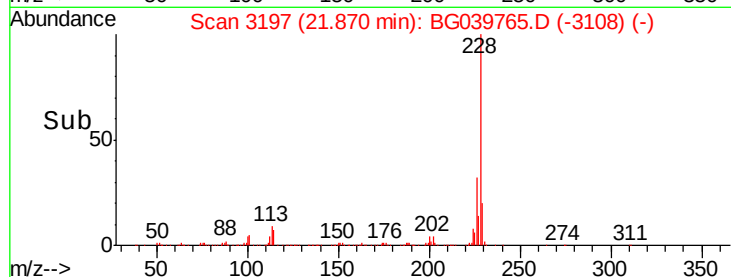
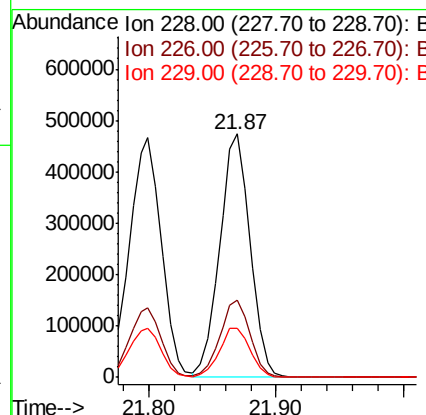
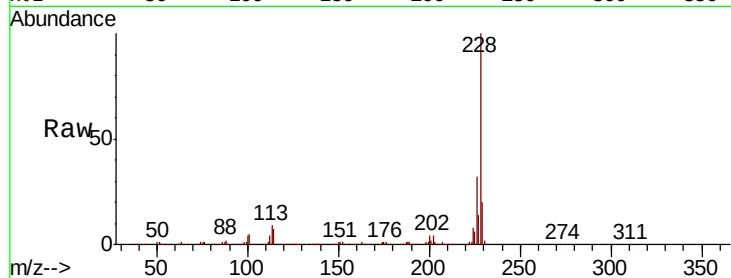
#83
 Chrysene
 Concen: 39.774 ng
 RT: 21.87 min Scan# 3197
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.8	38.6
229	20.1	16.6	25.0

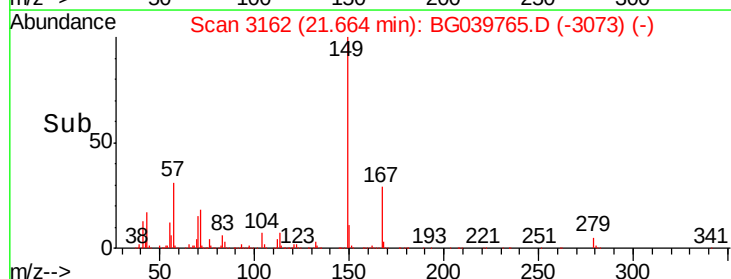
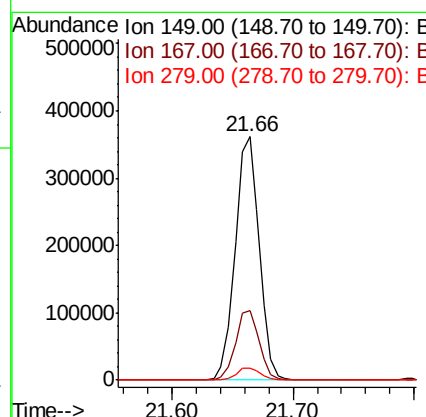
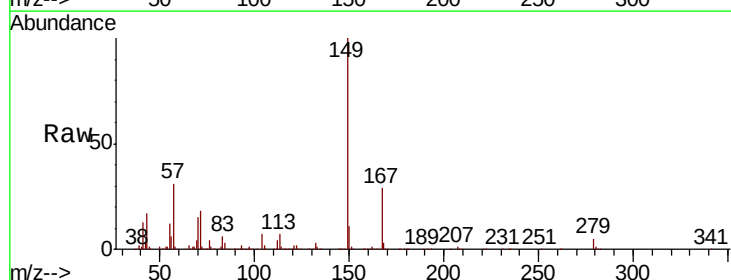
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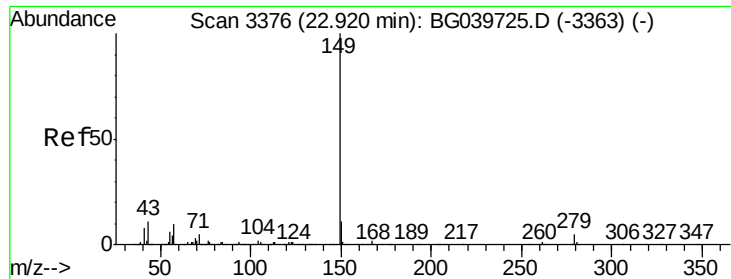
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 3/6/2019 12:01:05 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.561 ng
 RT: 21.66 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	34.0
279	4.9	3.5	5.3





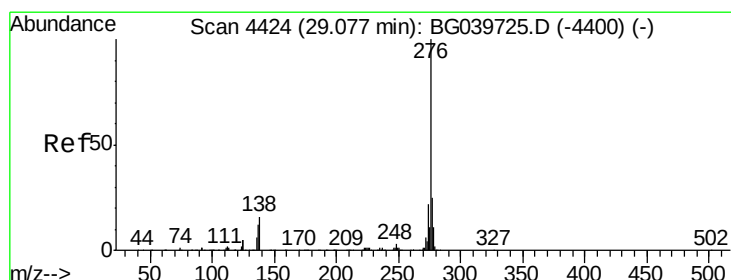
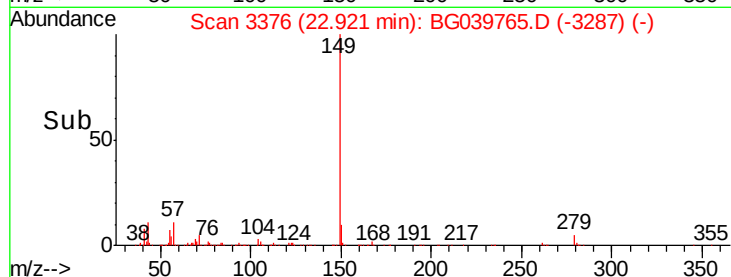
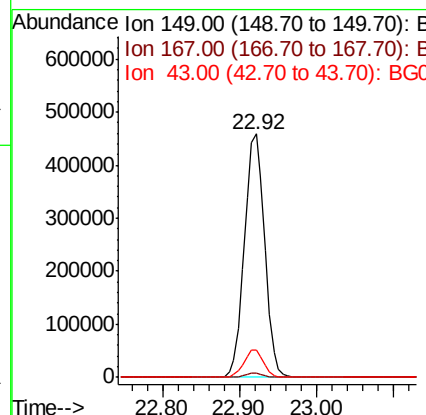
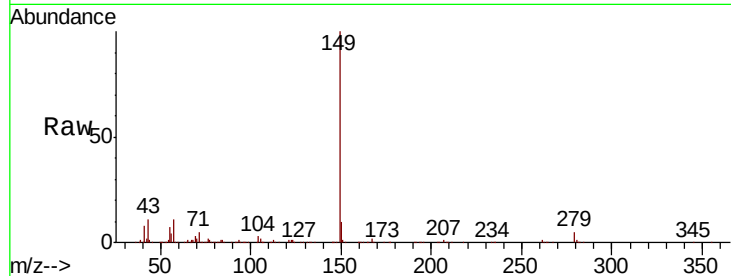
#85
Di-n-octyl phthalate
Concen: 44.428 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.0	10.2	15.4

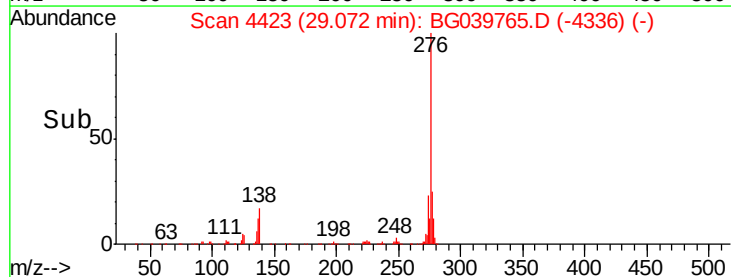
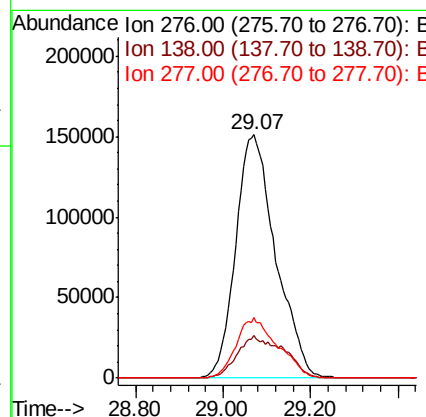
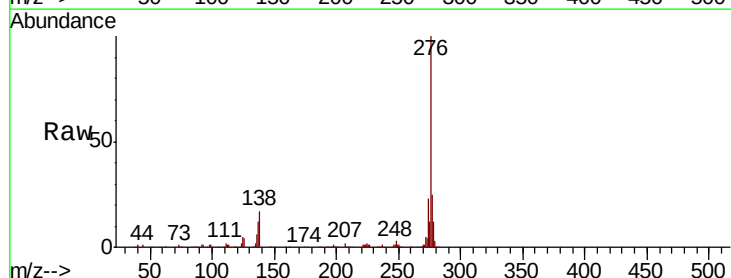
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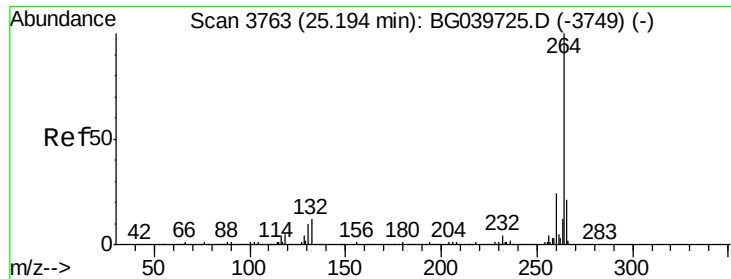
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.904 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.02 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	12.6	19.0#
277	25.8	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

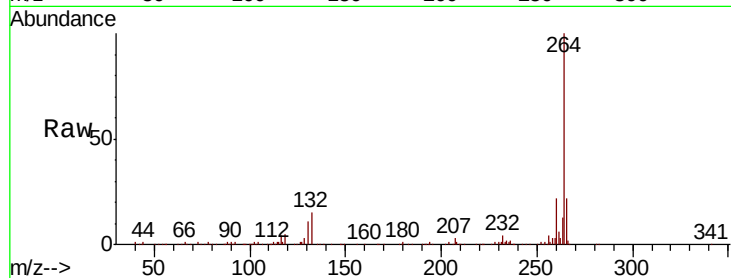
ClientSampleId :

PB117619BS

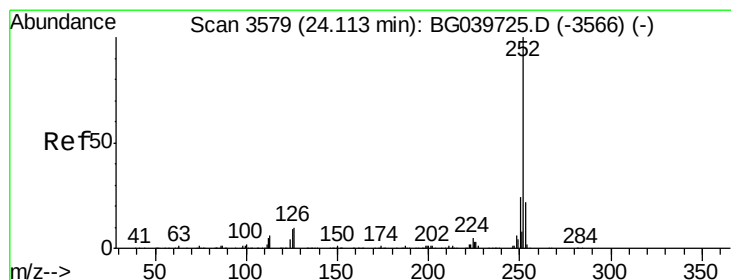
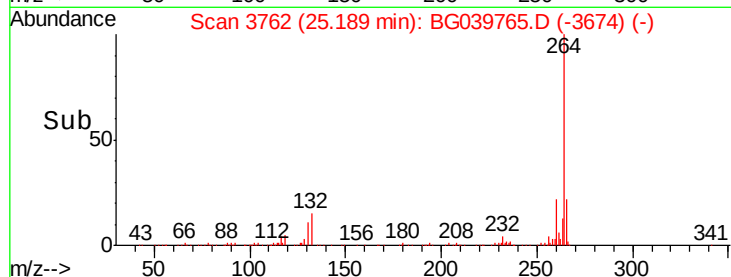
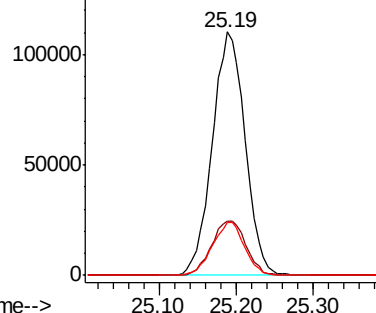
Tot Ion:	264	Resp:	328413
Ion Ratio	Lower	Upper	
264	100		
260	22.5	18.2	27.4
265	22.0	18.5	27.7

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



#88

Benzo(b)fluoranthene

Concen: 42.181 ng

RT: 24.11 min Scan# 3578

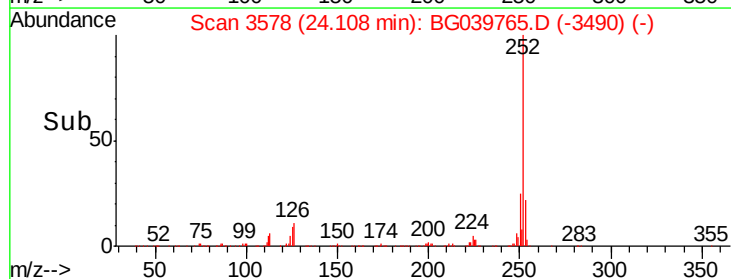
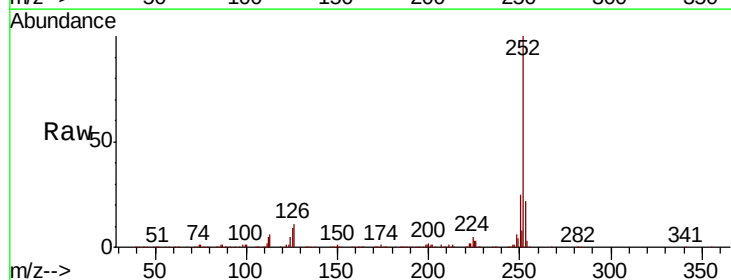
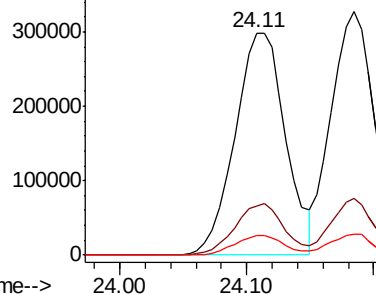
Delta R.T. -0.01 min

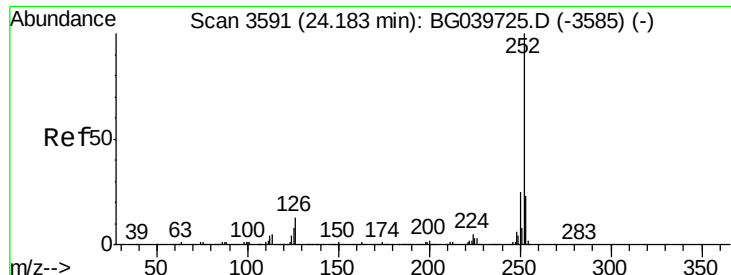
Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion:	252	Resp:	826076
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	9.1	7.8	11.6

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





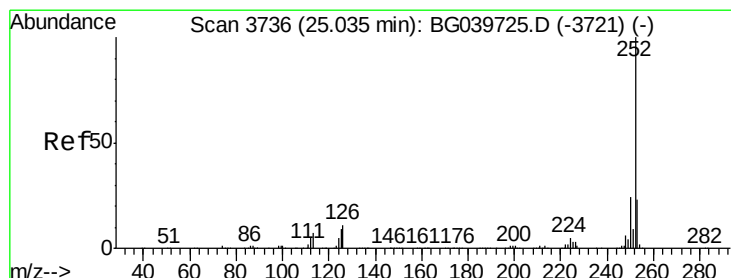
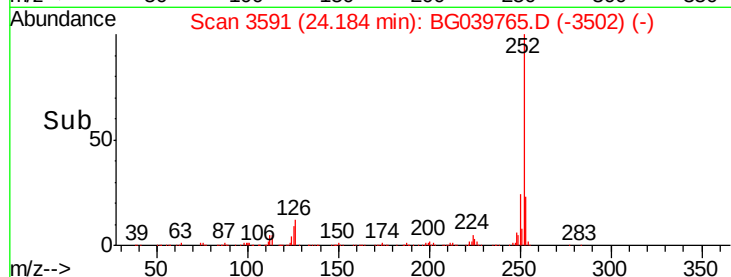
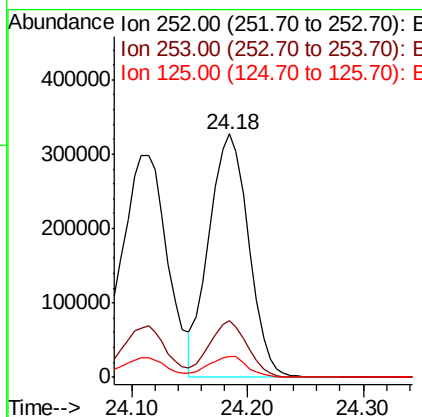
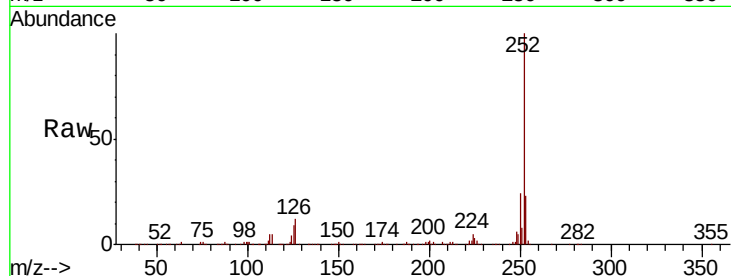
#89
Benzo(k)fluoranthene
Concen: 42.794 ng
RT: 24.18 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	8.6	7.4	11.2

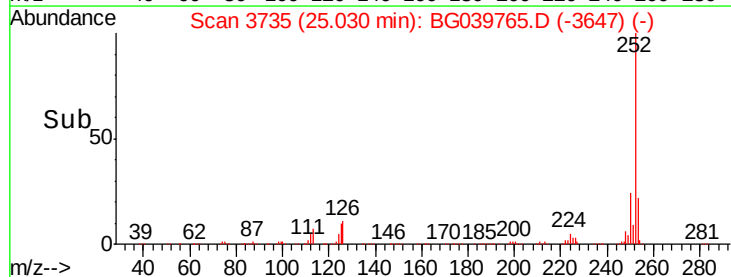
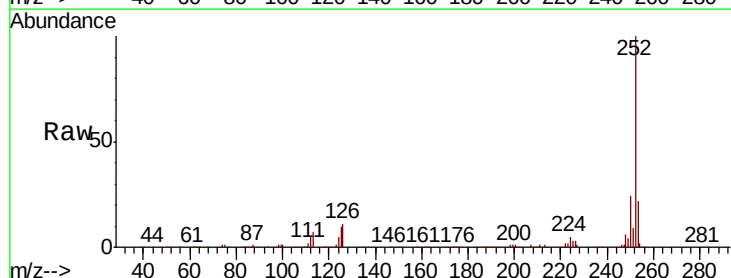
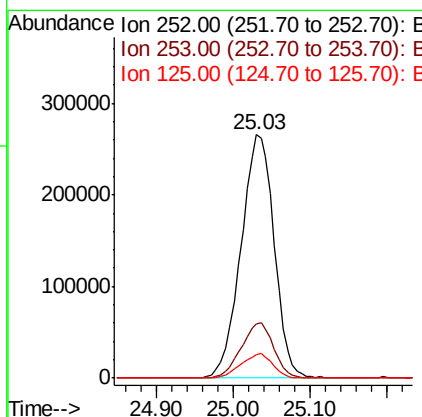
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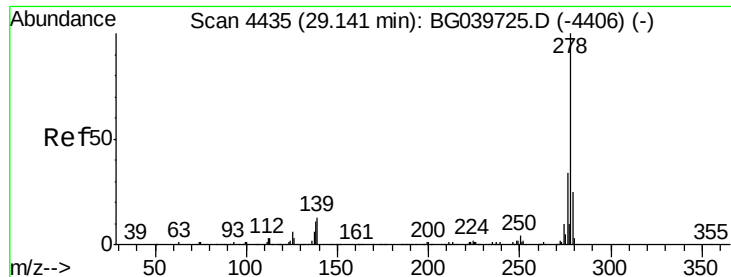
Sohil
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#90
Benzo(a)pyrene
Concen: 44.144 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.8	8.3	12.5





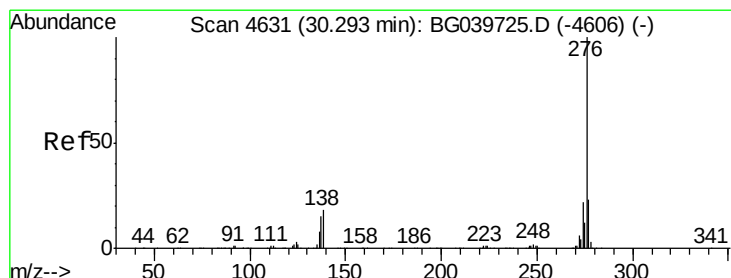
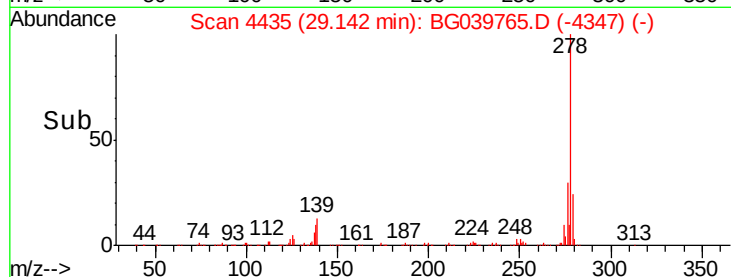
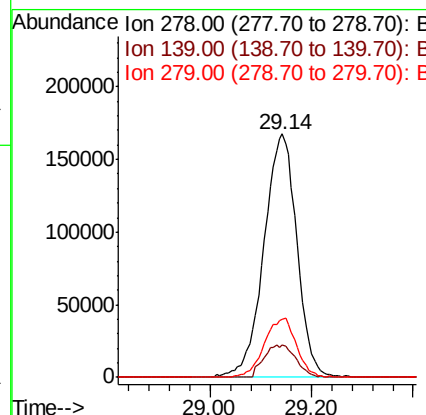
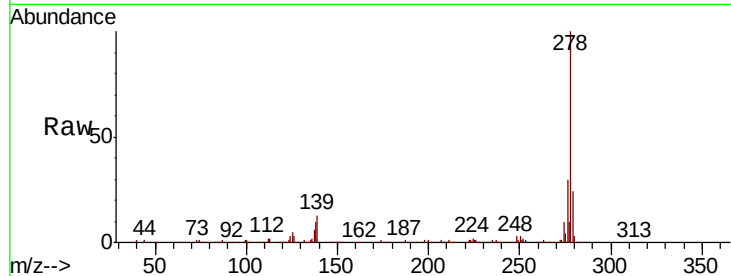
#91
 Dibenzo(a,h)anthracene
 Concen: 42.778 ng
 RT: 29.14 min Scan# 4435
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.7	17.5
279	23.9	19.1	28.7

Manual Integrations
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#92
 Benzo(g,h,i)perylene
 Concen: 43.445 ng
 RT: 30.31 min Scan# 4633
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.6	29.4
138	17.6	14.7	22.1

