

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039864.D
 Acq On : 12 Mar 2019 6:57
 Operator : JU/SJ
 Sample : PB117792BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117792BS

Manual Integrations
 APPROVED

Sohil
 3/12/2019 4:42:35 PM

Quant Time: Mar 12 09:38:37 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	41983	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	181786	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	127167	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	321161	20.00	ng	0.00
76) Chrysene-d12	21.81	240	327469	20.00	ng	-0.01
87) Perylene-d12	25.19	264	333545	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	351910	143.00	ng	0.00
7) Phenol-d6	7.30	99	506852	138.13	ng	-0.01
23) Nitrobenzene-d5	9.33	82	286673	85.29	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	204452	137.94	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	719574	80.57	ng	-0.01
79) Terphenyl-d14	20.12	244	1198195	80.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	39757	34.993	ng	98
3) Pyridine	3.99	79	109933	36.143	ng	97
4) n-Nitrosodimethylamine	3.91	42	57584	39.908	ng	90
6) Aniline	7.48	93	97338	20.248	ng	98
8) 2-Chlorophenol	7.72	128	124642	41.749	ng	94
9) Benzaldehyde	7.29	77	54581	23.060	ng	95
10) Phenol	7.33	94	170859	42.983	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	115472	37.258	ng	98
12) 1,3-Dichlorobenzene	8.04	146	126204	37.377	ng	99
13) 1,4-Dichlorobenzene	8.19	146	130033	37.808	ng	98
14) 1,2-Dichlorobenzene	8.51	146	124492	37.464	ng	98
15) Benzyl Alcohol	8.39	79	117900	40.506	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	231620	37.367	ng	100
17) 2-Methylphenol	8.59	107	110643	43.652	ng	97
18) Hexachloroethane	9.24	117	45985	37.263	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	96334	36.475	ng	94
20) 3+4-Methylphenols	8.91	107	151857	43.127	ng	97
22) Acetophenone	8.98	105	187221	38.372	ng	# 97
24) Nitrobenzene	9.38	77	143734	40.763	ng	98
25) Isophorone	9.89	82	273241	38.797	ng	98
26) 2-Nitrophenol	10.08	139	71856	42.207	ng	96
27) 2,4-Dimethylphenol	10.12	122	127235	48.053	ng	93
28) bis(2-Chloroethoxy)methane	10.37	93	167582	39.156	ng	98
29) 2,4-Dichlorophenol	10.62	162	138942	46.607	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	134453	40.080	ng	99
31) Naphthalene	11.03	128	382619	39.753	ng	99
32) Benzoic acid	10.25	122	56314	33.316	ng	96
33) 4-Chloroaniline	11.13	127	44977	11.020	ng	96
34) Hexachlorobutadiene	11.29	225	88159	38.458	ng	98
35) Caprolactam	11.92	113	48588m	42.667	ng	
36) 4-Chloro-3-methylphenol	12.24	107	149524	43.754	ng	98
37) 2-Methylnaphthalene	12.62	142	294045	40.864	ng	98
38) 1-Methylnaphthalene	12.84	142	284428	40.674	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	164901	38.277	ng	99

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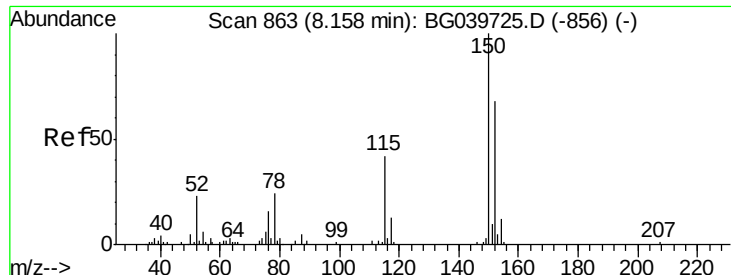
Manual Integrations
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 3/12/2019 4:42:35 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	207576	89.909	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	117021	46.396	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	126278	44.418	ng	97
46) 1,1'-Biphenyl	13.61	154	404405	38.665	ng	100
47) 2-Chloronaphthalene	13.67	162	318394	40.465	ng	99
48) 2-Nitroaniline	13.87	65	111637	44.148	ng	96
49) Acenaphthylene	14.51	152	514881	39.861	ng	99
50) Dimethylphthalate	14.22	163	429274	40.370	ng	99
51) 2,6-Dinitrotoluene	14.36	165	95517	42.372	ng	95
52) Acenaphthene	14.84	154	311390	40.054	ng	99
53) 3-Nitroaniline	14.69	138	38918	17.175	ng	# 98
54) 2,4-Dinitrophenol	14.89	184	65631	48.389	ng	97
55) Dibenzofuran	15.18	168	515578	40.421	ng	98
56) 4-Nitrophenol	14.99	139	159666	78.765	ng	92
57) 2,4-Dinitrotoluene	15.14	165	139418	44.015	ng	85
58) Fluorene	15.82	166	404941	40.384	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	127271	45.839	ng	97
60) Diethylphthalate	15.58	149	434017	41.231	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	219491	41.020	ng	95
62) 4-Nitroaniline	15.86	138	102071	41.549	ng	91
63) Azobenzene	16.10	77	395078	41.404	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	65993	34.753	ng	97
66) n-Nitrosodiphenylamine	16.03	169	376841	40.531	ng	98
67) 4-Bromophenyl-phenylether	16.70	248	144056	40.073	ng	96
68) Hexachlorobenzene	16.82	284	147338	39.540	ng	92
69) Atrazine	16.96	200	145179	39.675	ng	95
70) Pentachlorophenol	17.17	266	179396	76.230	ng	100
71) Phenanthrene	17.57	178	700579	39.603	ng	99
72) Anthracene	17.66	178	709878	41.180	ng	99
73) Carbazole	17.93	167	627350	40.368	ng	98
74) Di-n-butylphthalate	18.46	149	768470	42.028	ng	99
75) Fluoranthene	19.57	202	852504	40.777	ng	97
77) Benzidine	19.75	184	209118	20.124	ng	98
78) Pyrene	19.93	202	856267	40.240	ng	99
80) Butylbenzylphthalate	20.80	149	357048	43.310	ng	94
81) Benzo(a)anthracene	21.79	228	830307	40.457	ng	100
82) 3,3'-Dichlorobenzidine	21.70	252	132438	17.675	ng	98
83) Chrysene	21.87	228	778937	39.149	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	496271	42.838	ng	99
85) Di-n-octyl phthalate	22.91	149	845598	44.083	ng	96
86) Indeno(1,2,3-cd)pyrene	29.06	276	919949	40.756	ng	# 96
88) Benzo(b)fluoranthene	24.11	252	817977	41.125	ng	98
89) Benzo(k)fluoranthene	24.18	252	791449	42.747	ng	98
90) Benzo(a)pyrene	25.03	252	800371	43.547	ng	98
91) Dibenzo(a,h)anthracene	29.13	278	741927	41.176	ng	99
92) Benzo(g,h,i)perylene	30.29	276	745254	41.183	ng	97

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



#1

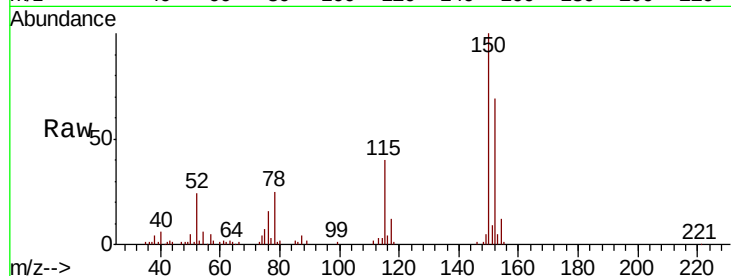
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampled :
PB117792BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.4	123.7	185.5
115	57.7	45.9	68.9

Manual Integrations
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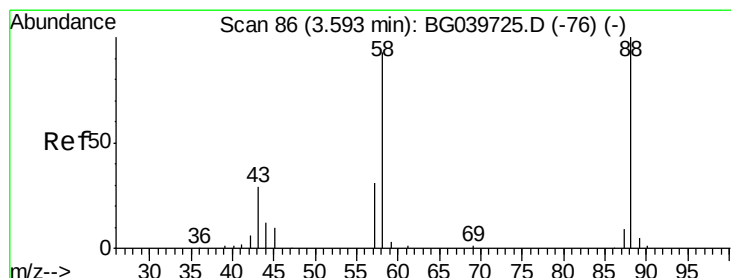
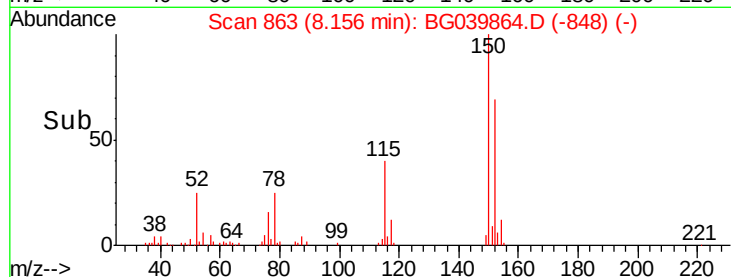
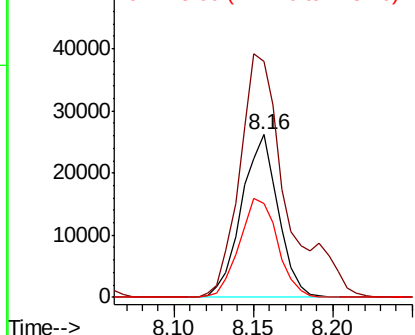


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

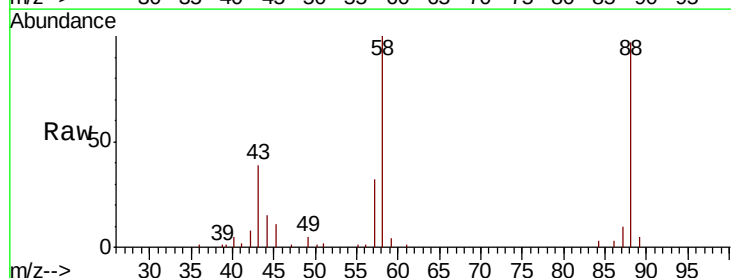
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.993 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.2	81.1	121.7
43	41.8	31.4	47.0

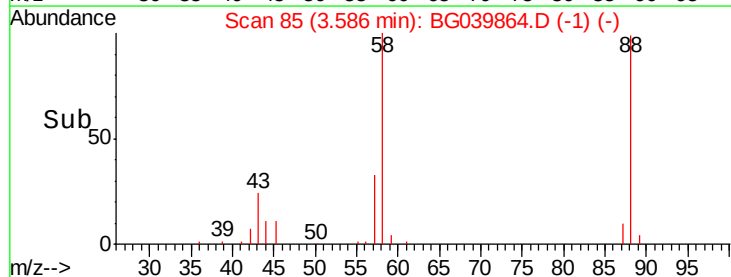
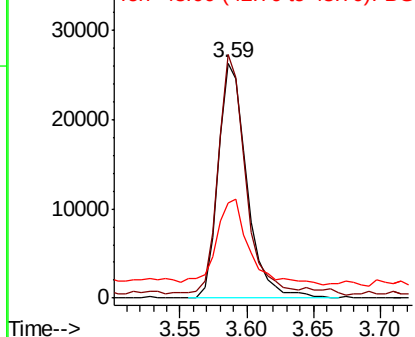


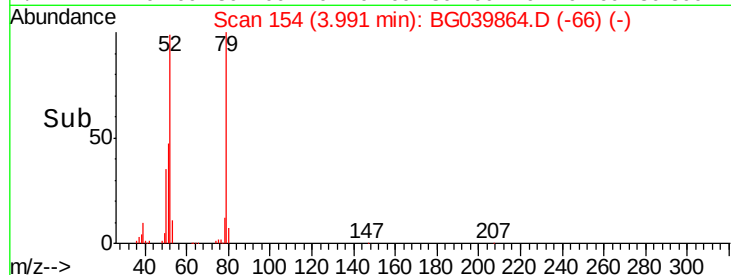
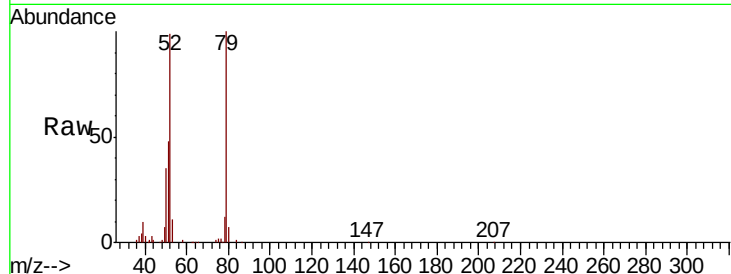
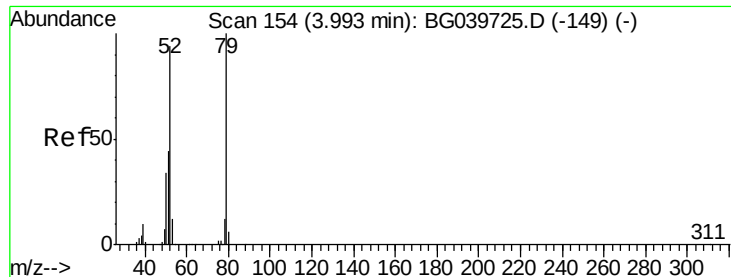
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





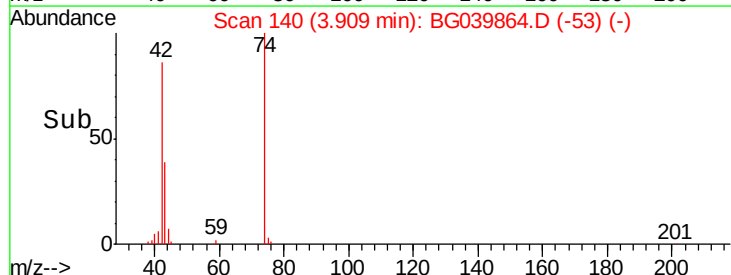
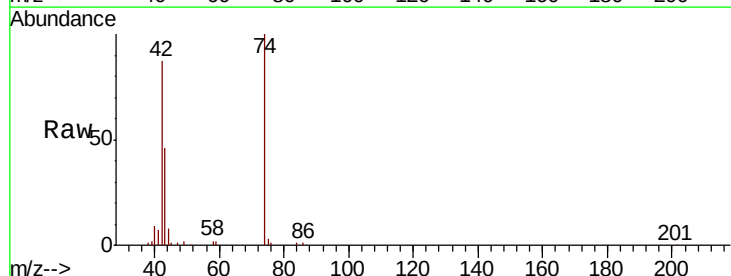
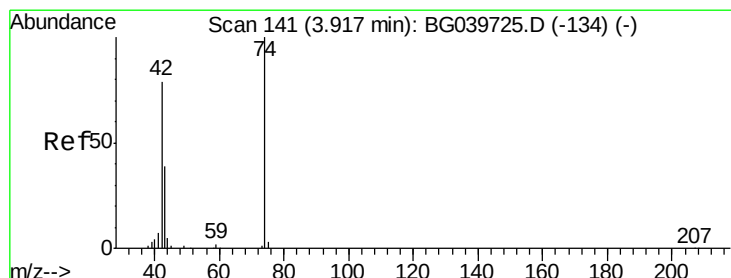
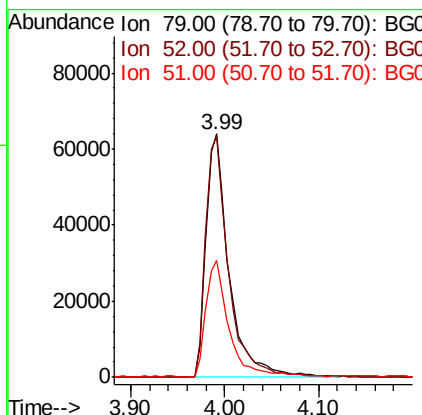
#3
 Pvridine
 Concen: 36.143 ng
 RT: 3.99 min Scan# 154
 Delta R.T. -0.01 min
 Lab File: BG039864.D
 Acq: 12 Mar 2019 6:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	98.8	82.6	124.0		
51	47.9	37.5	56.3		

Instrument :
 BNA_G
 ClientSampleId :
 PB117792BS

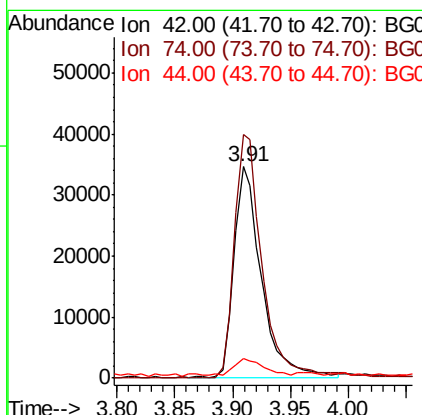
Manual Integrations
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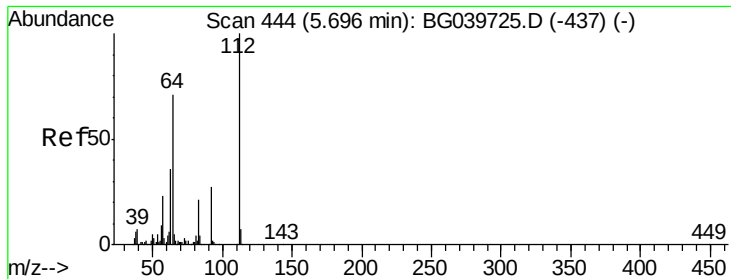
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#4
 n-Nitrosodimethylamine
 Concen: 39.908 ng
 RT: 3.91 min Scan# 140
 Delta R.T. -0.02 min
 Lab File: BG039864.D
 Acq: 12 Mar 2019 6:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	115.1	83.6	125.4		
44	9.4	6.9	10.3		





#5

2-Fluorophenol

Concen: 143.001 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

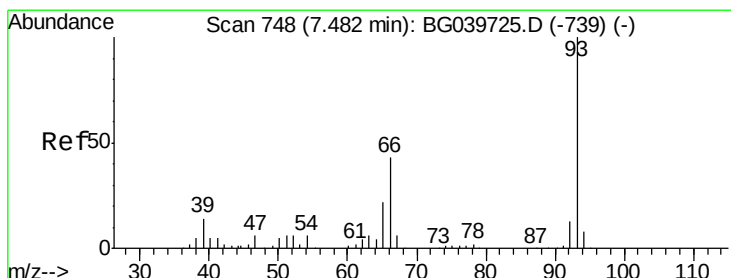
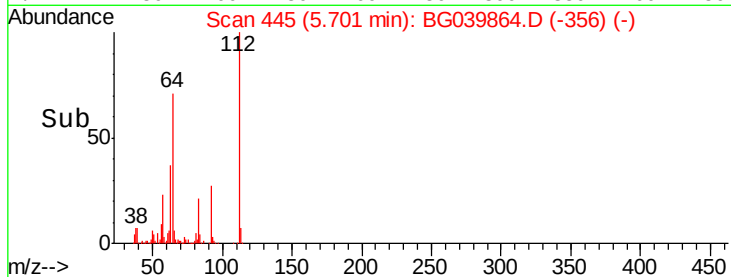
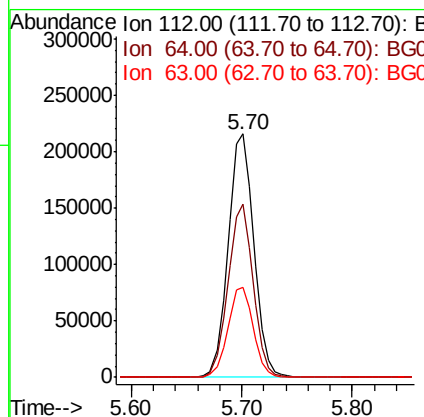
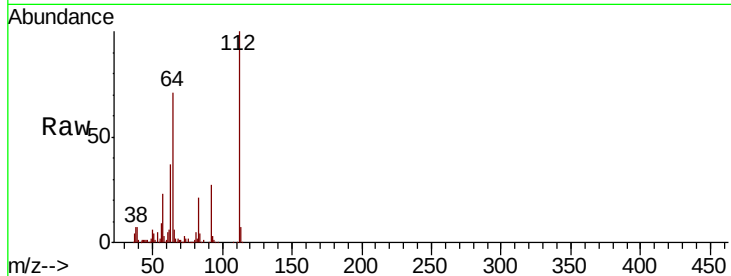
ClientSampled :

PB117792BS

Tot Ion:	112	Resp:	351910
Ion Ratio	Lower	Upper	
112	100		
64	71.2	57.8	86.8
63	36.7	29.8	44.6

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#6

Aniline

Concen: 20.248 ng

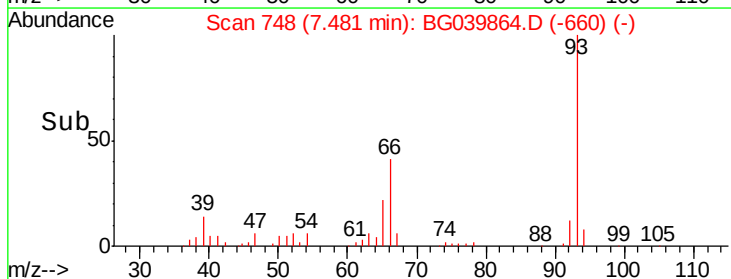
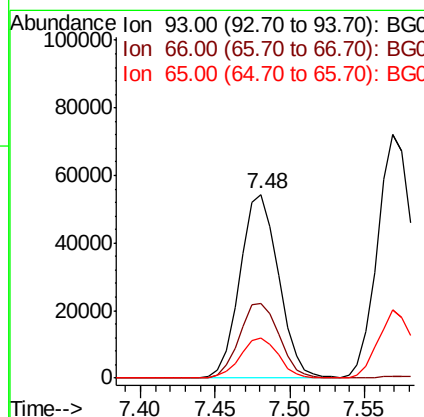
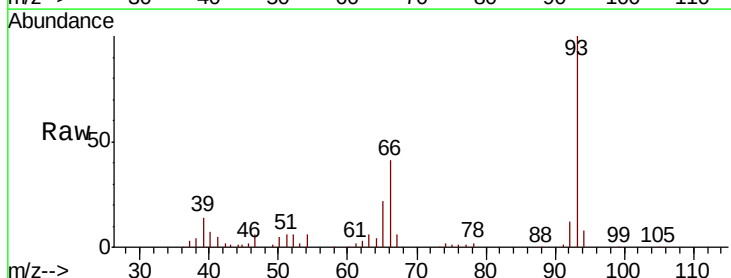
RT: 7.48 min Scan# 748

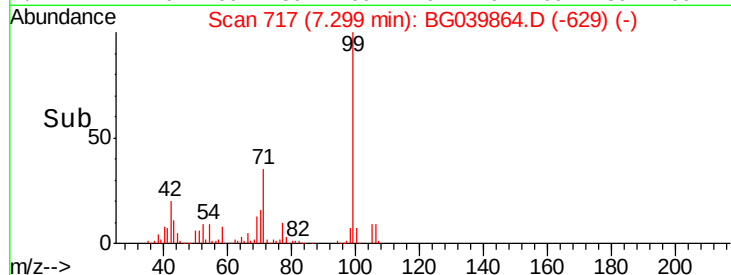
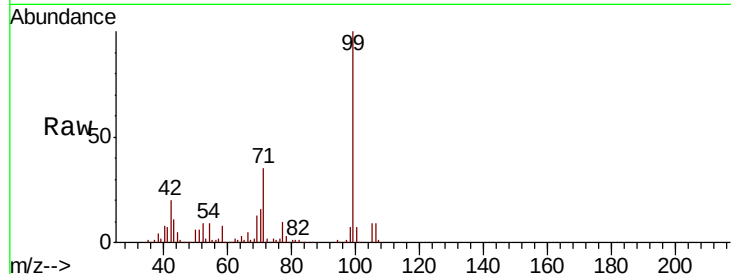
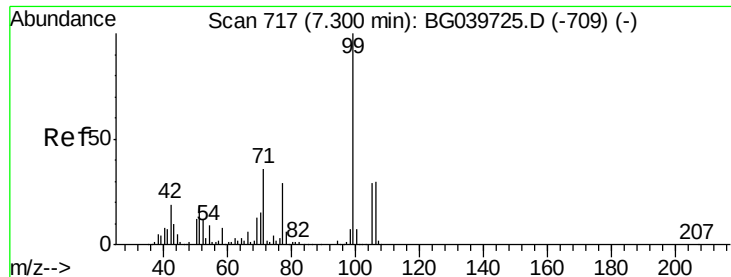
Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Tgt Ion:	93	Resp:	97338
Ion Ratio	Lower	Upper	
93	100		
66	40.9	34.2	51.4
65	22.2	17.7	26.5





#7

Phenol-d6

Concen: 138.132 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Tot Ion:	99	Resp:	506852
Ion Ratio		Lower	Upper
99	100		
42	20.2	18.2	27.2
71	35.2	28.0	42.0

Instrument :

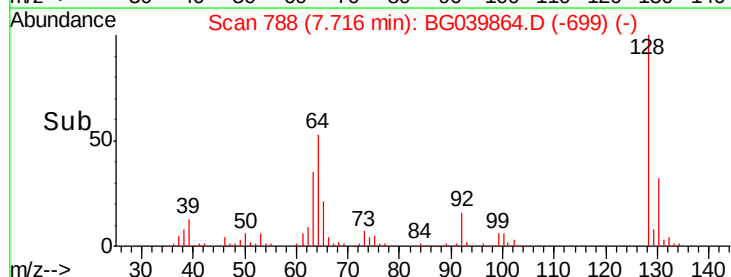
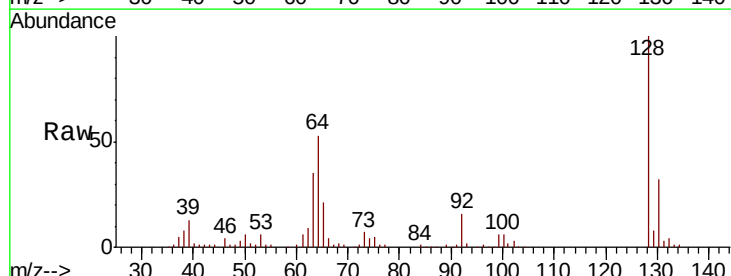
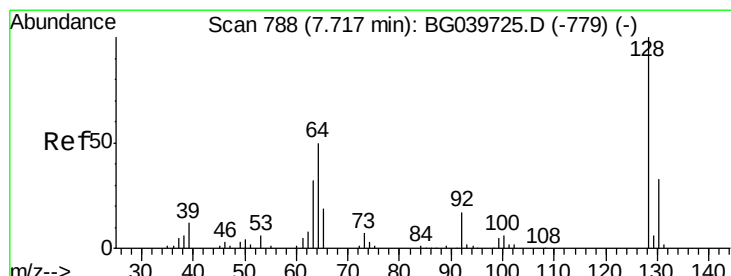
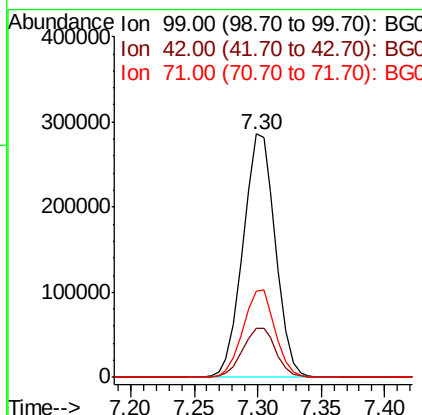
BNA_G

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PB117792BS

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#8

2-Chlorophenol

Concen: 41.749 ng

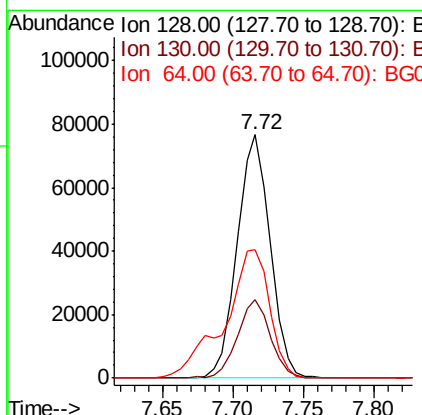
RT: 7.72 min Scan# 788

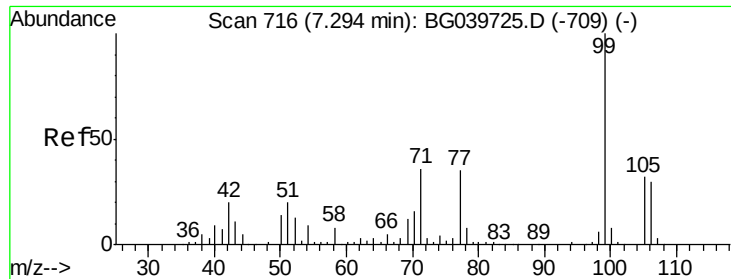
Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Tgt Ion:	128	Resp:	124642
Ion Ratio		Lower	Upper
128	100		
130	32.2	12.9	52.9
64	52.7	38.7	78.7





#9

Benzaldehyde

Concen: 23.060 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

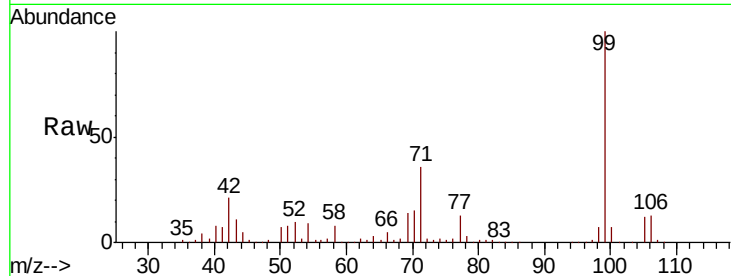
ClientSampleId :

PB117792BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.5	74.5	114.5
106	93.9	68.0	108.0

Manual Integrations
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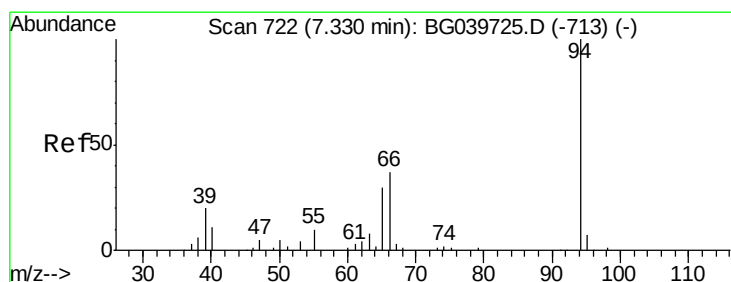
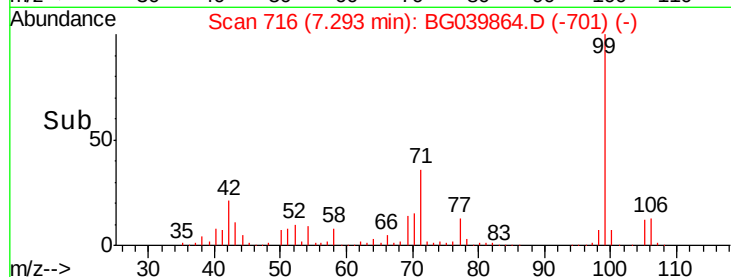
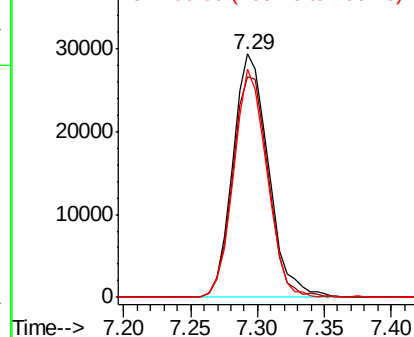


Abundance

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: 42.983 ng

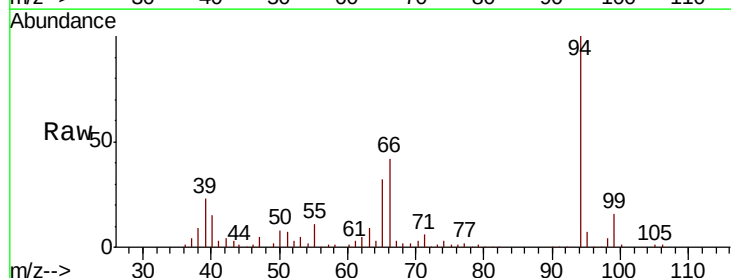
RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.7	51.7
66	42.0	23.7	63.7

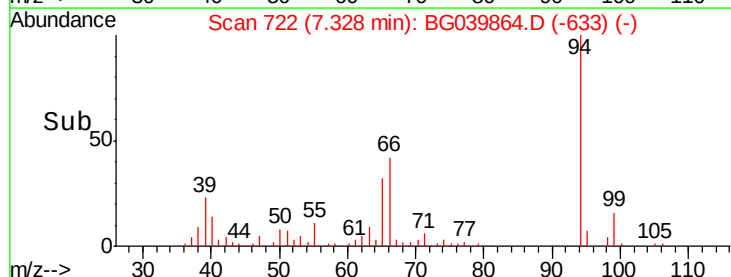
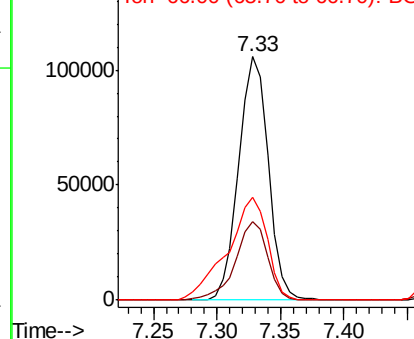


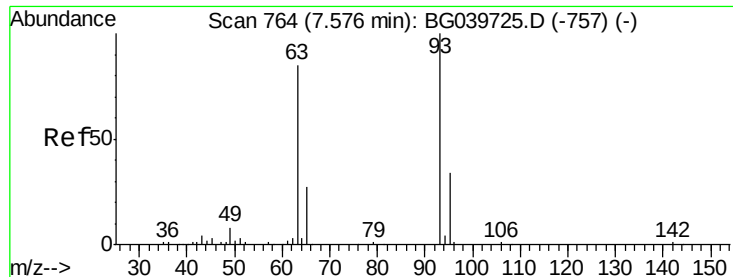
Abundance

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





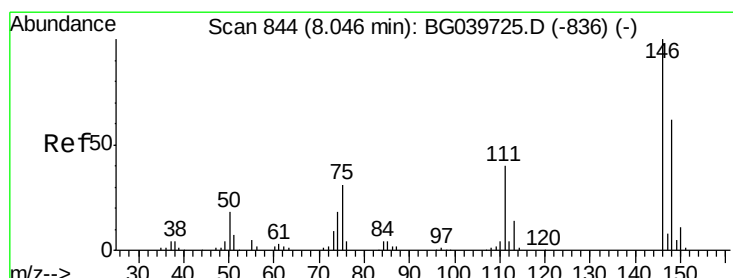
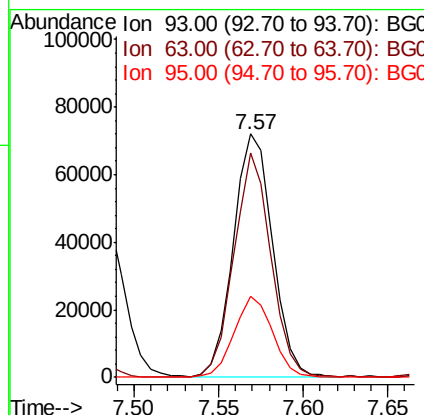
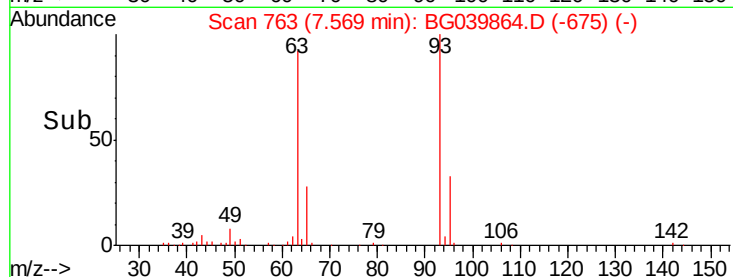
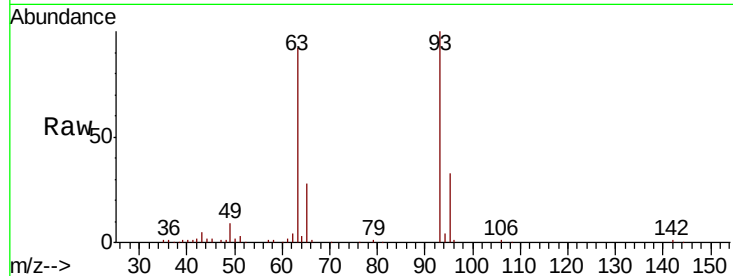
#11
bis(2-Chloroethyl)ether
Concen: 37.258 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampled :
PB117792BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.2	69.5	109.5
95	33.4	12.7	52.7

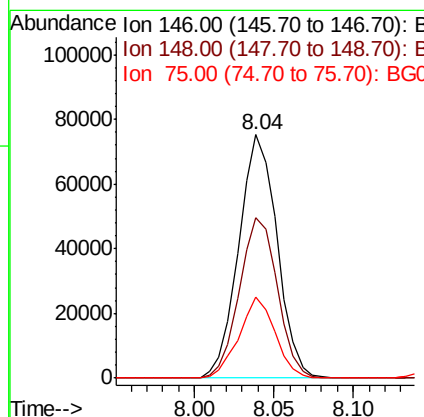
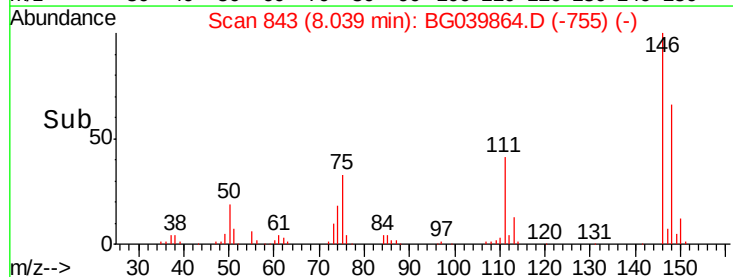
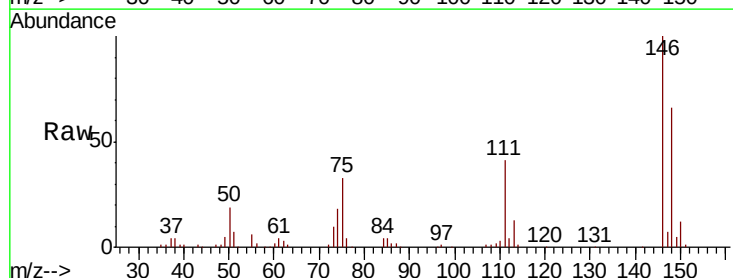
Manual Integrations
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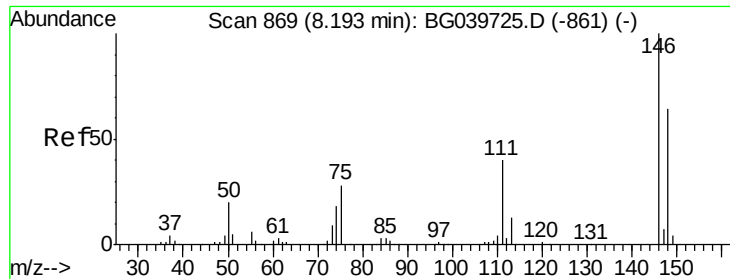
Sohil
3/12/2019 4:42:35 PM



#12
1,3-Dichlorobenzene
Concen: 37.377 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.6	79.0
75	33.2	25.8	38.6





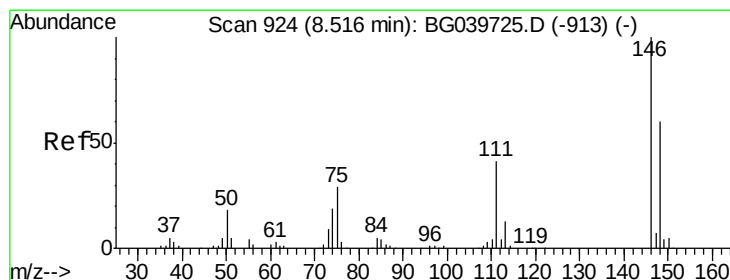
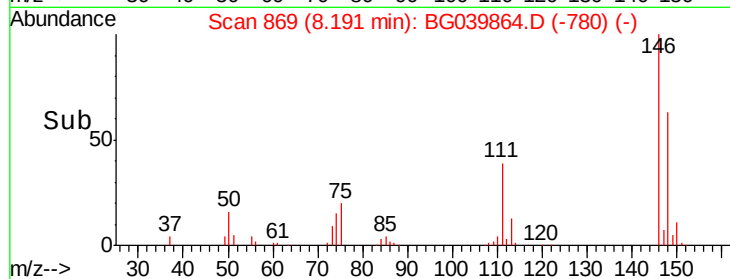
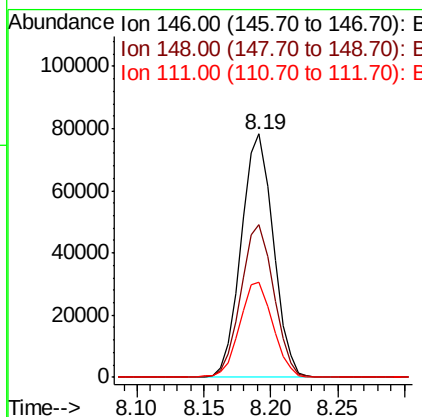
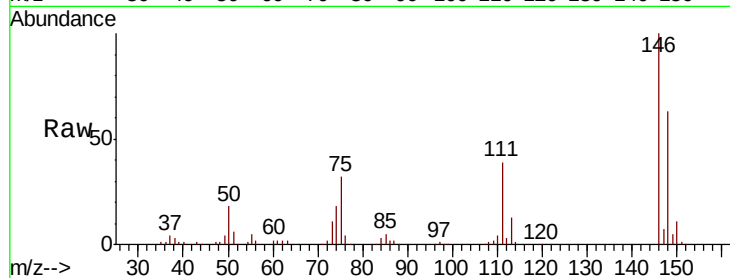
#13
 1,4-Dichlorobenzene
 Concen: 37.808 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039864.D
 Acq: 12 Mar 2019 6:57

Instrument :
 BNA_G
 ClientSampled :
 PB117792BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.1	76.7
111	39.1	32.6	48.8

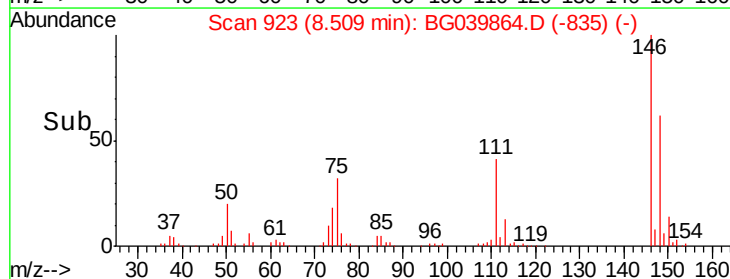
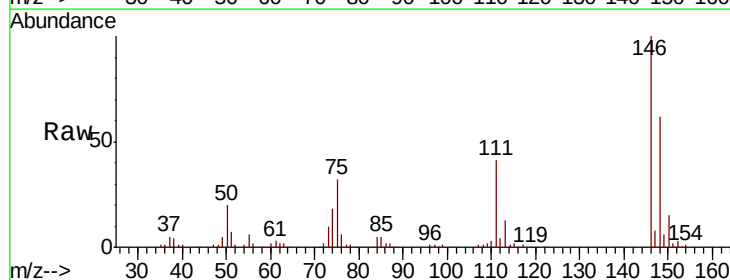
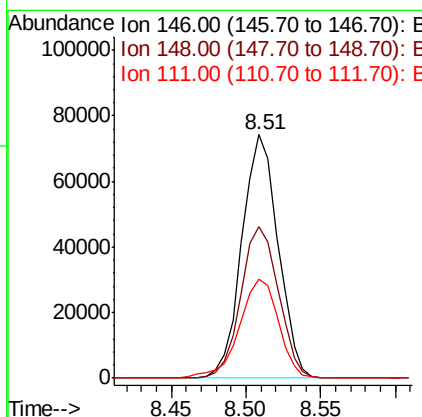
Manual Integrations
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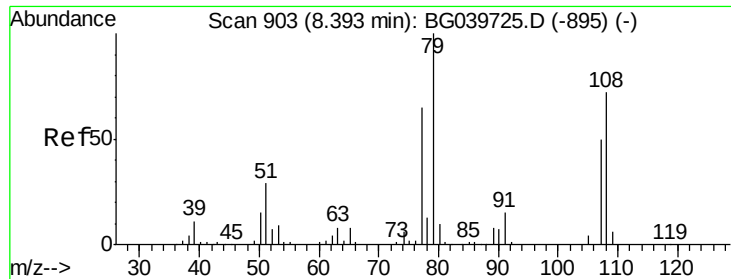
Sohil
 3/12/2019 4:42:35 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.464 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039864.D
 Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.5	77.3
111	40.7	33.8	50.6





#15

Benzyl Alcohol

Concen: 40.506 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

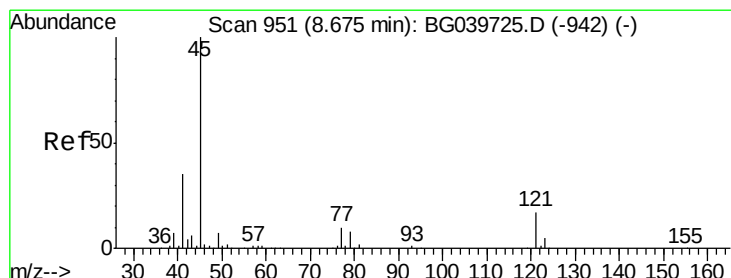
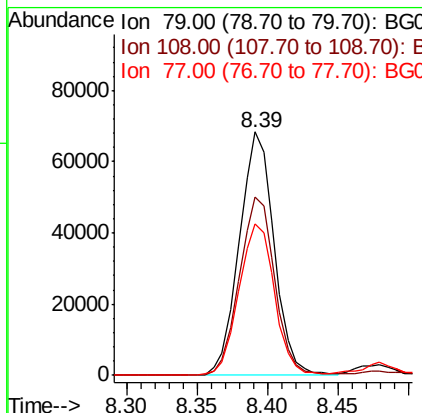
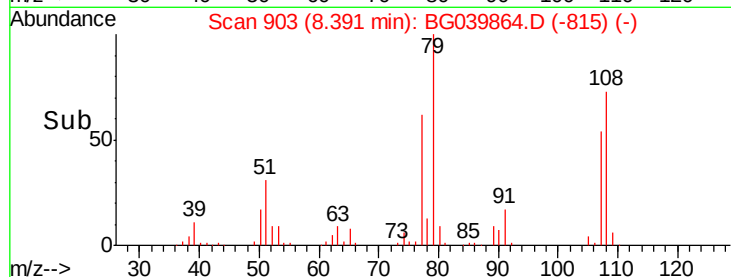
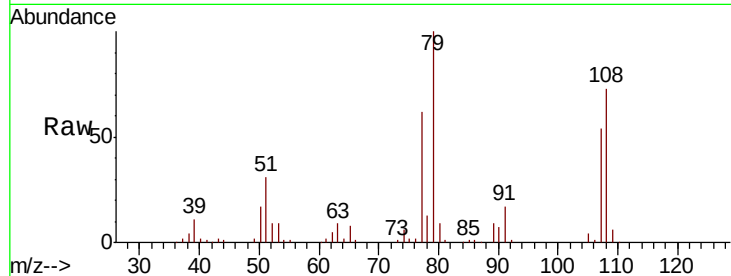
ClientSampleId :

PB117792BS

Tot Ion:	79	Resp:	117900
Ion Ratio	Lower	Upper	
79	100		
108	73.4	57.8	86.6
77	62.0	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.367 ng

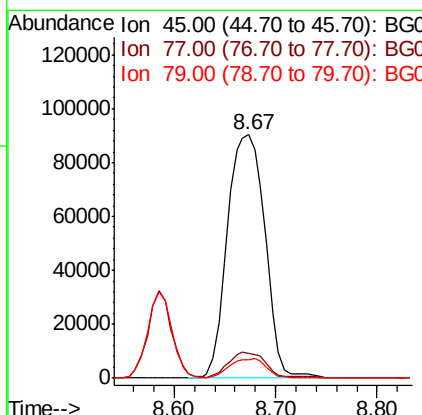
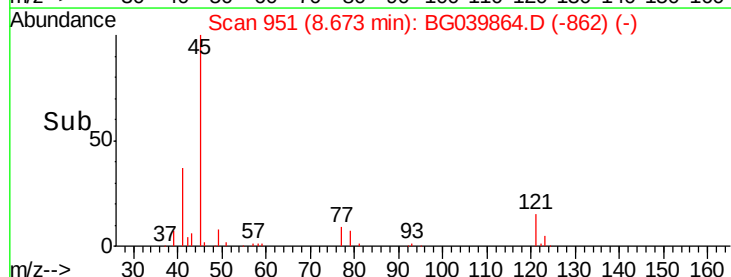
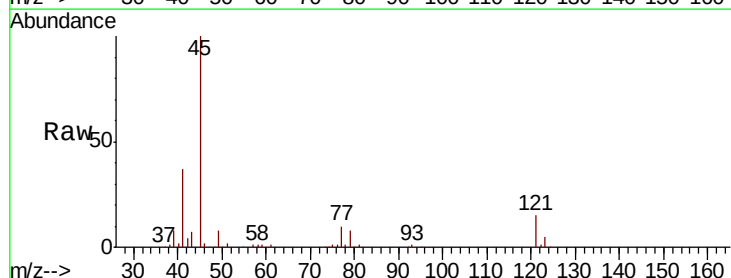
RT: 8.67 min Scan# 951

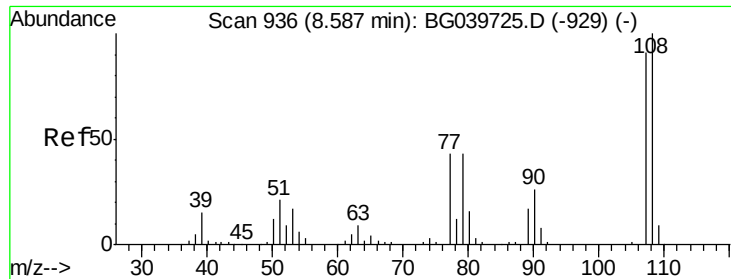
Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Tgt Ion:	45	Resp:	231620
Ion Ratio	Lower	Upper	
45	100		
77	10.1	0.0	30.0
79	7.6	0.0	27.5





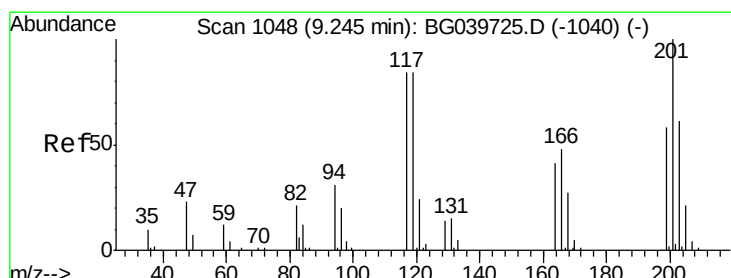
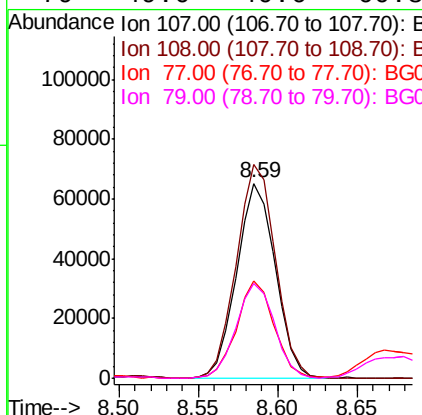
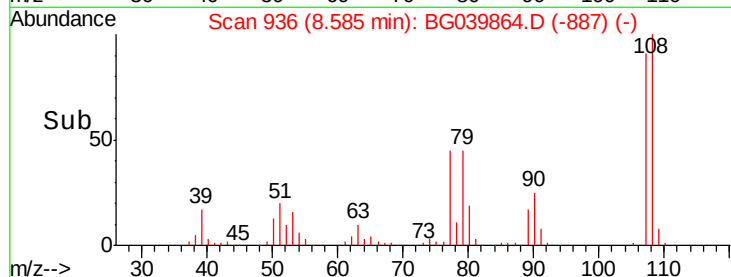
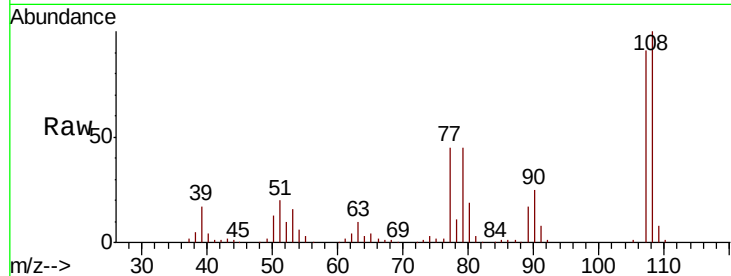
#17
2-Methylphenol
Concen: 43.652 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampled :
PB117792BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	90.8	136.2	
77	49.8	40.7	61.1	
79	49.0	40.6	60.8	

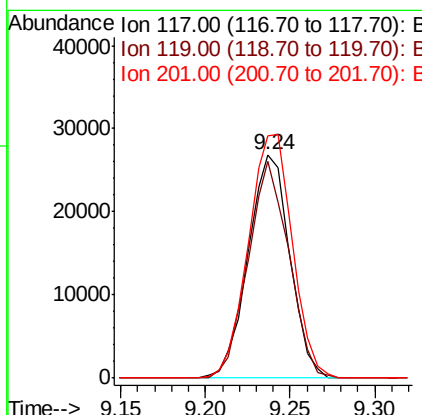
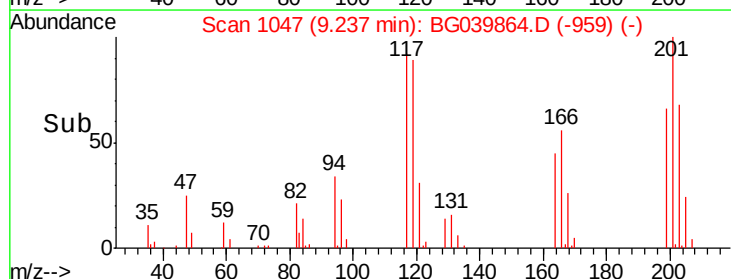
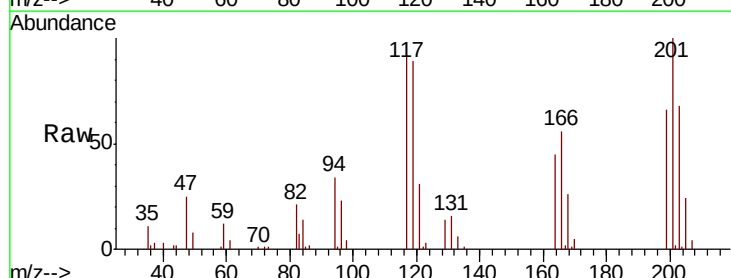
Manual Integrations
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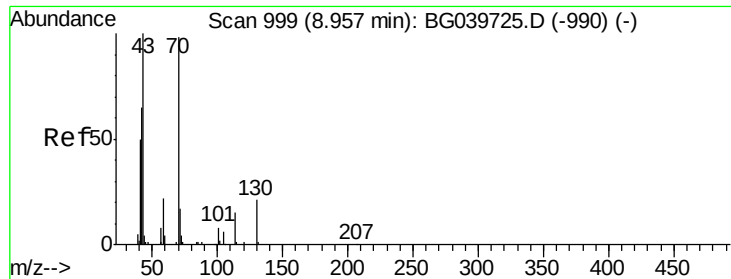
Sohil
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#18
Hexachloroethane
Concen: 37.263 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	76.3	114.5	
201	108.8	91.1	136.7	





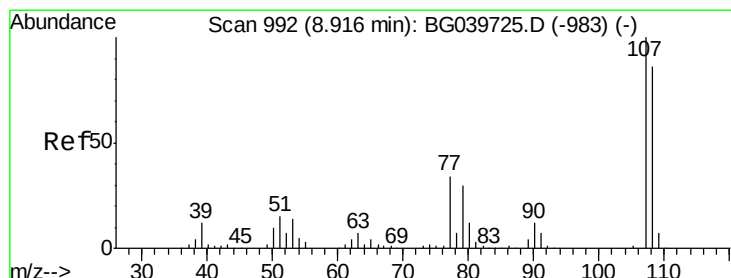
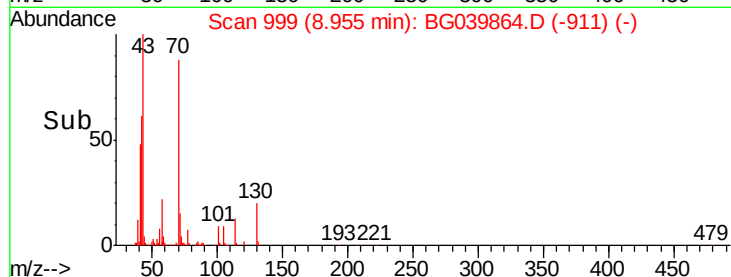
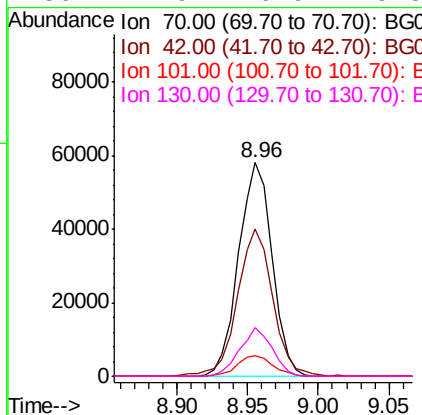
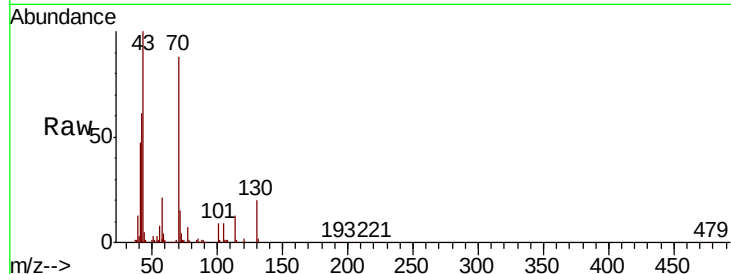
#19
n-Nitroso-di-n-propylamine
Concen: 36.475 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	69.0		60.4	90.6	
101	9.8		7.5	11.3	
130	22.9		16.9	25.3	

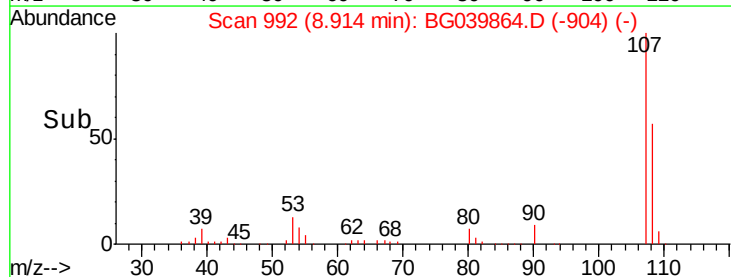
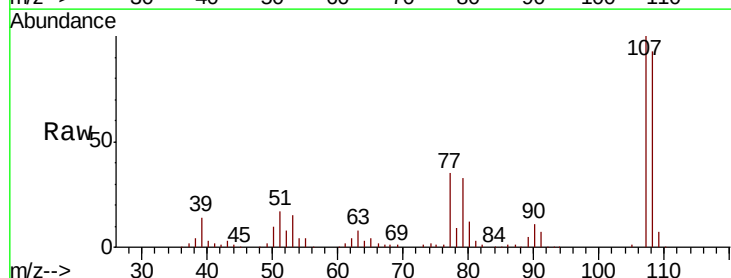
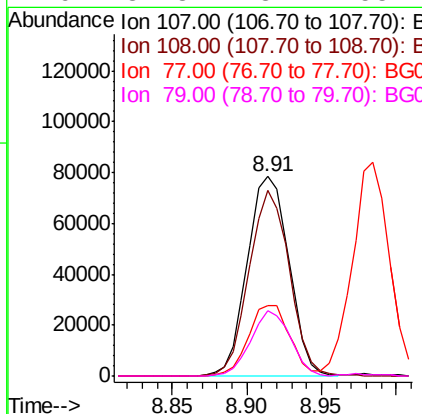
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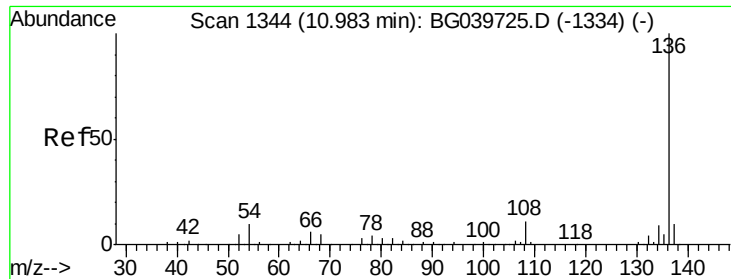
Sohil
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#20
3+4-Methylphenols
Concen: 43.127 ng
RT: 8.91 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.8		67.9	107.9	
77	35.4		15.4	55.4	
79	32.8		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: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

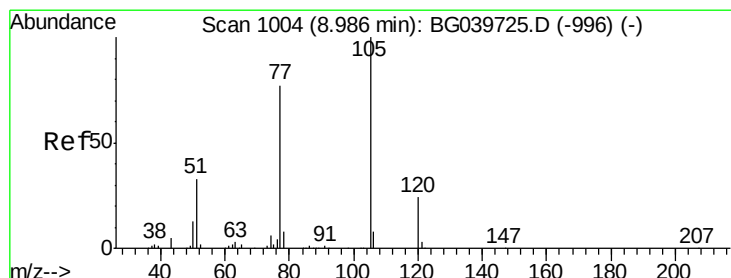
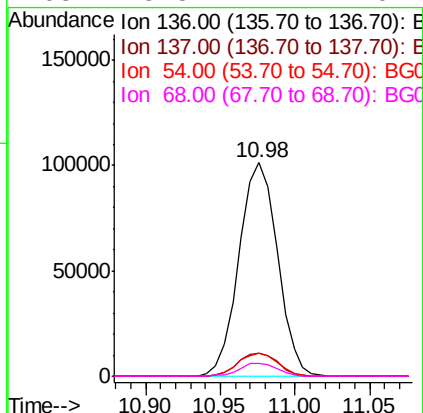
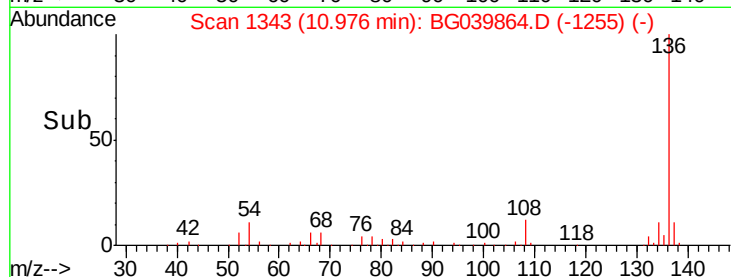
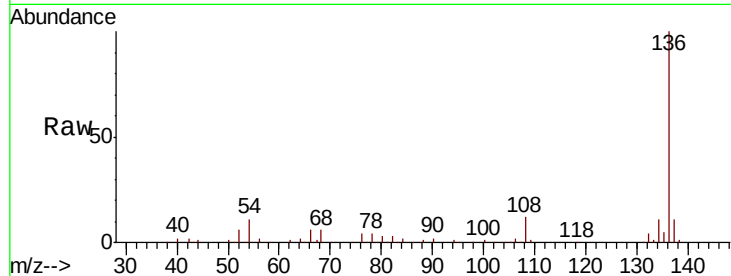
ClientSampleId :

PB117792BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	181786		
137	10.6		9.1	13.7
54	10.9		9.4	14.2
68	5.8		4.2	6.4

Manual Integrations
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3/12/2019 4:42:35 PM



#22

Acetophenone

Concen: 38.372 ng

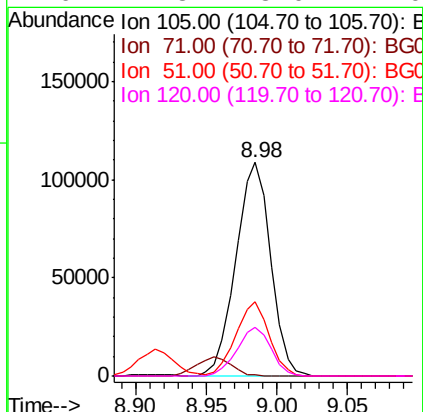
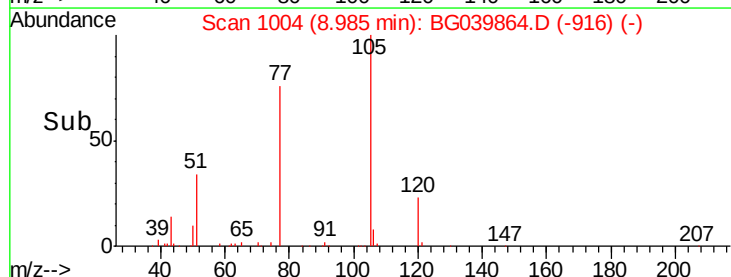
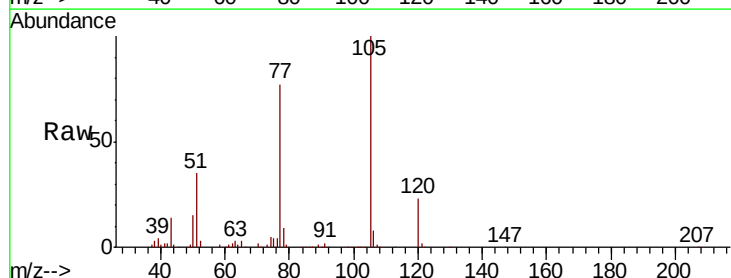
RT: 8.98 min Scan# 1004

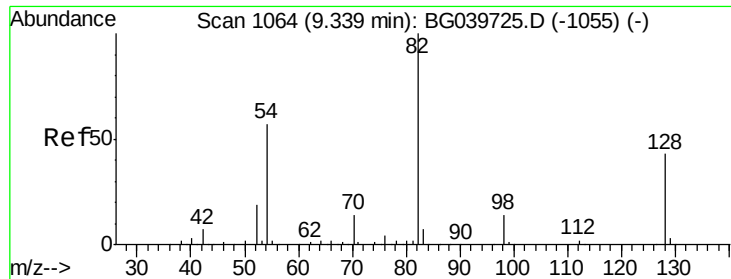
Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	187221		
71	0.5		0.8	1.2#
51	34.8		30.2	45.2
120	22.8		18.0	27.0





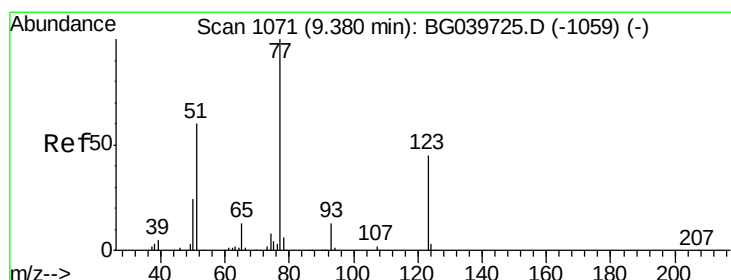
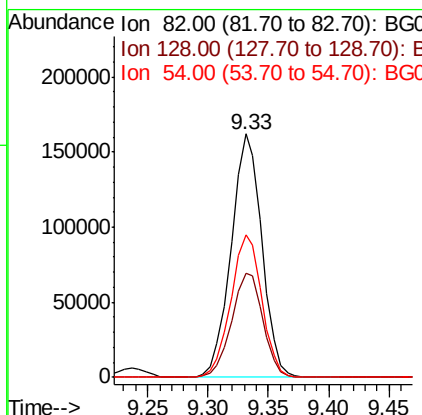
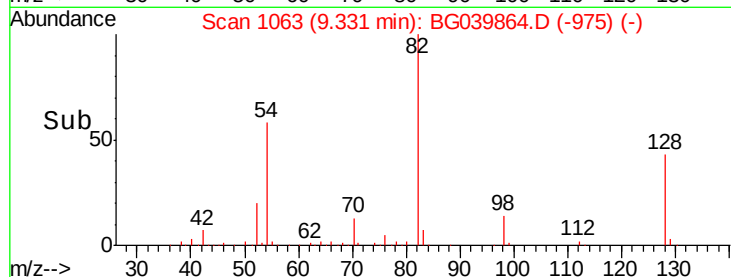
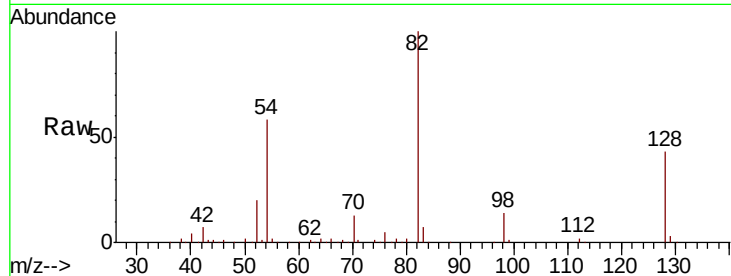
#23
Nitrobenzene-d5
Concen: 85.289 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampled :
PB117792BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	286673		
128	42.6		31.3	46.9
54	58.4		50.9	76.3

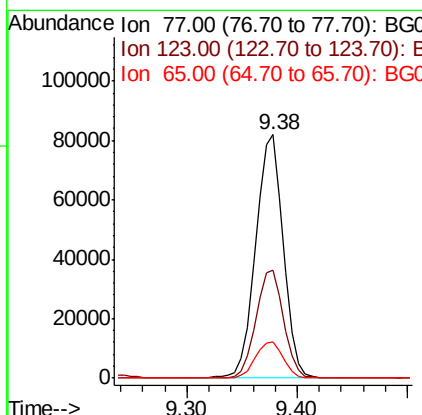
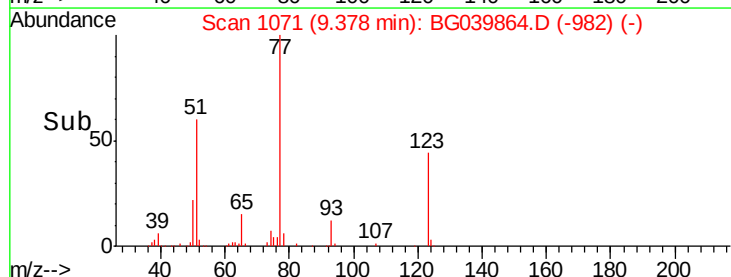
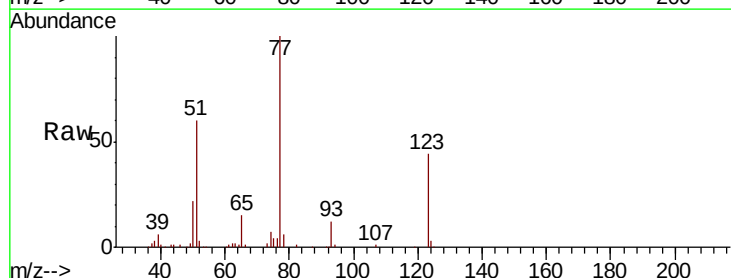
Manual Integrations
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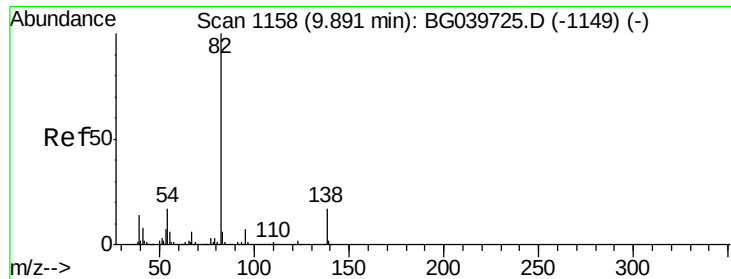
Sohil
3/12/2019 4:42:35 PM



#24
Nitrobenzene
Concen: 40.763 ng
RT: 9.38 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	143734		
123	44.1		34.1	51.1
65	15.0		12.3	18.5





#25

Isophorone

Concen: 38.797 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

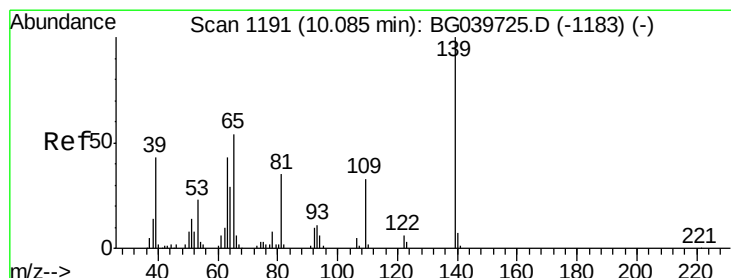
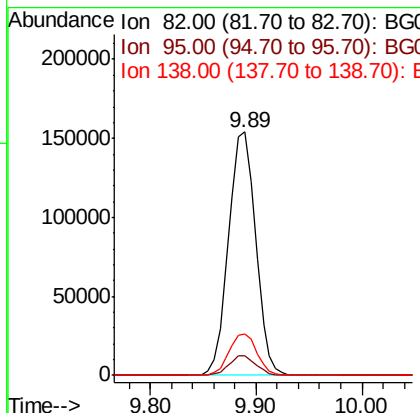
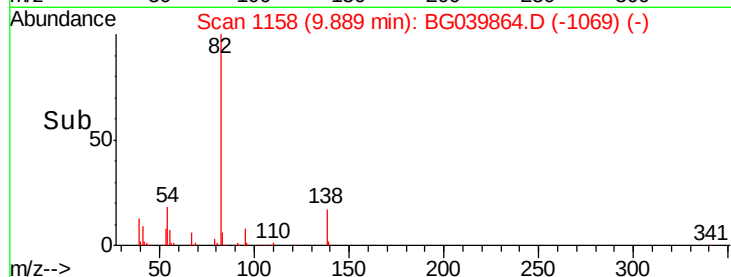
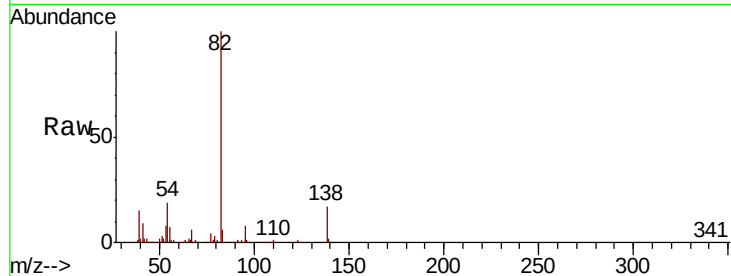
ClientSampleId :

PB117792BS

Tot Ion:	82	Resp:	273241
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.2	9.2
138	17.1	13.0	19.4

Manual Integrations
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3/12/2019 4:42:35 PM



#26

2-Nitrophenol

Concen: 42.207 ng

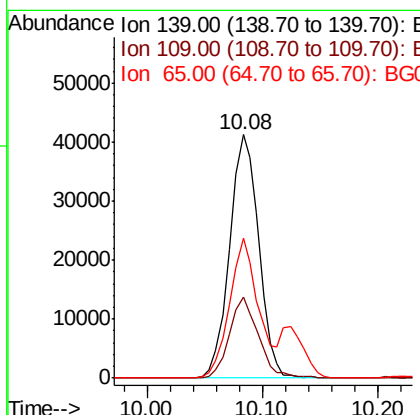
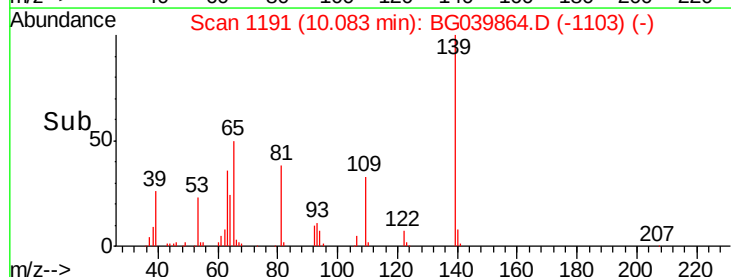
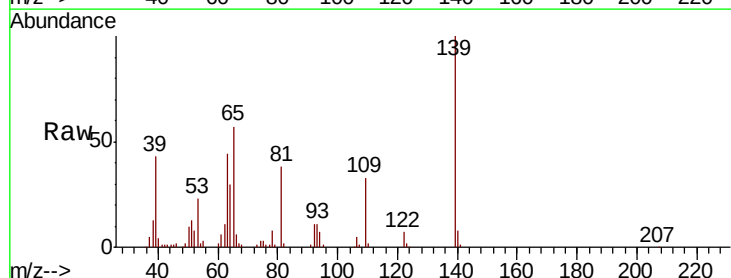
RT: 10.08 min Scan# 1191

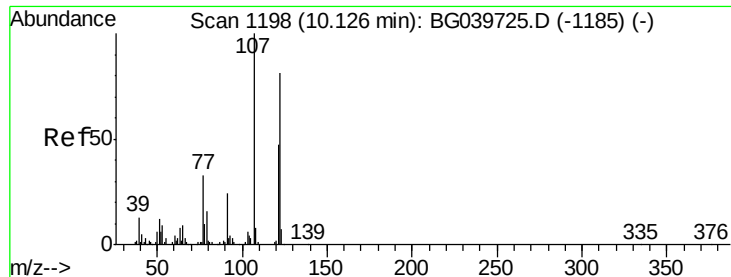
Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Tgt Ion:	139	Resp:	71856
Ion Ratio	Lower	Upper	
139	100		
109	33.1	23.4	35.0
65	57.4	44.3	66.5





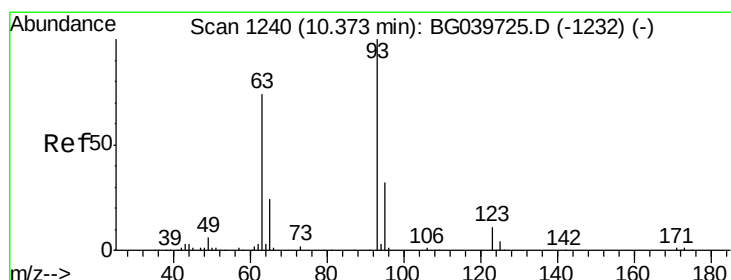
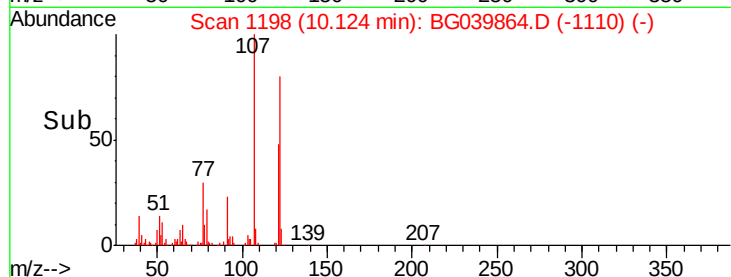
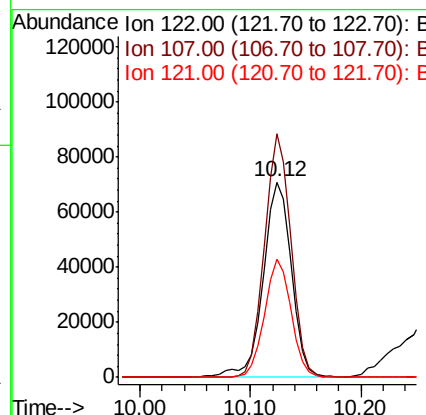
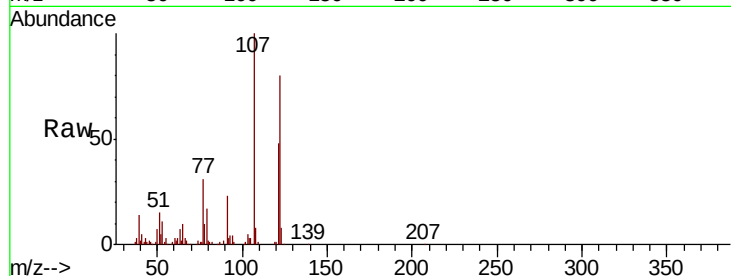
#27
2,4-Dimethylphenol
Concen: 48.053 ng
RT: 10.12 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

Tot Ion	Ratio	Resp Lower	Resp Upper
122	100		
107	124.6	91.7	137.5
121	60.2	46.4	69.6

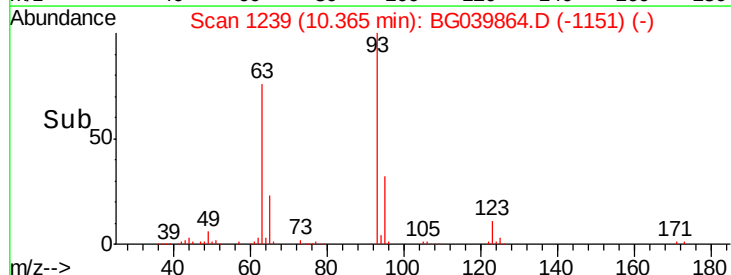
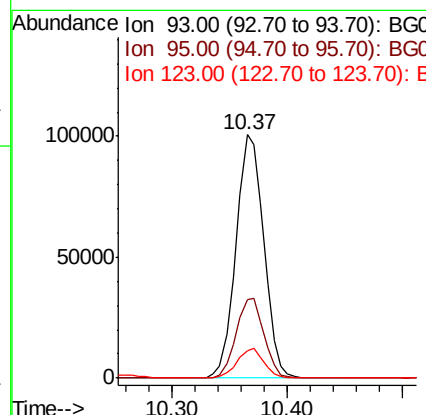
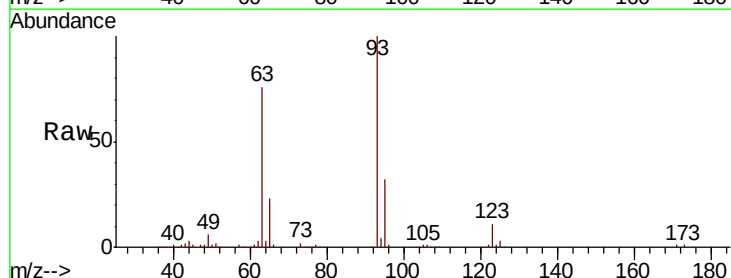
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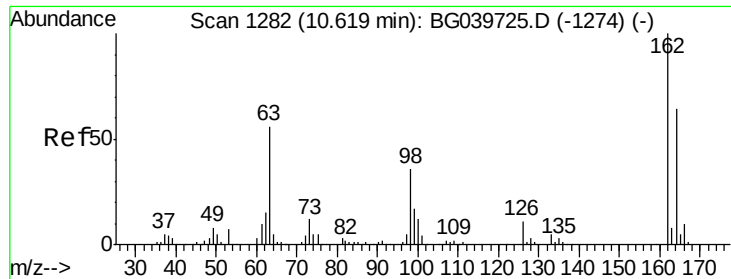
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 39.156 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	32.3	25.0	37.4
123	11.0	8.6	12.8





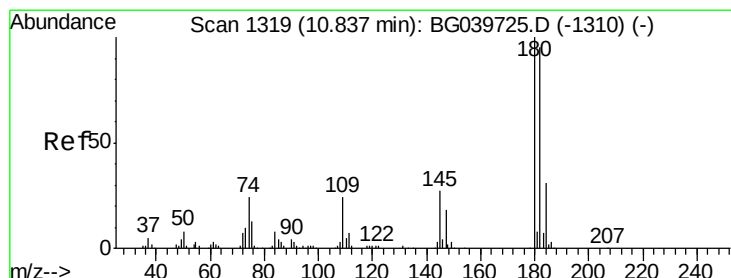
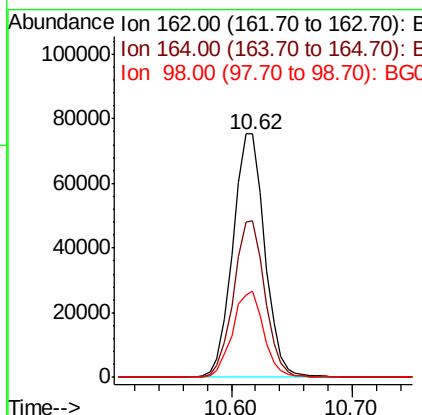
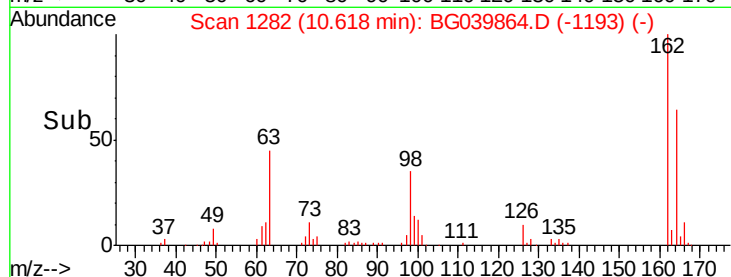
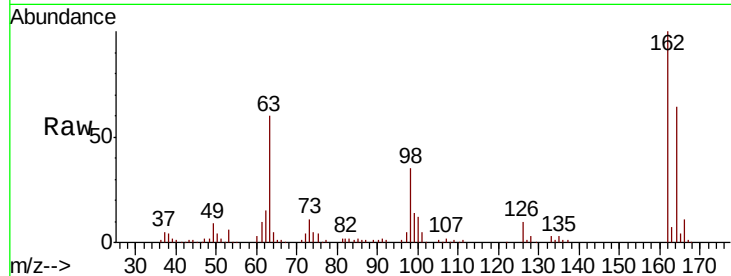
#29
2,4-Dichlorophenol
Concen: 46.607 ng
RT: 10.62 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampled :
PB117792BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	48.1	88.1
98	35.1	18.1	58.1

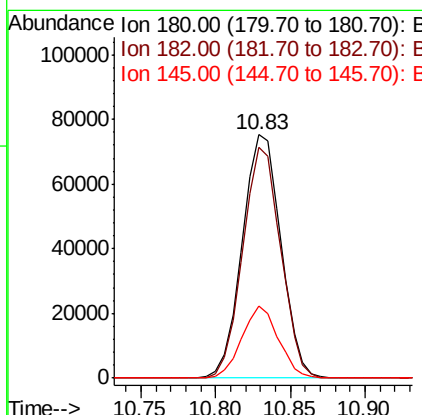
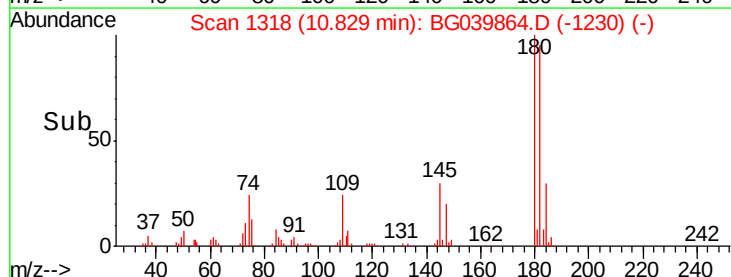
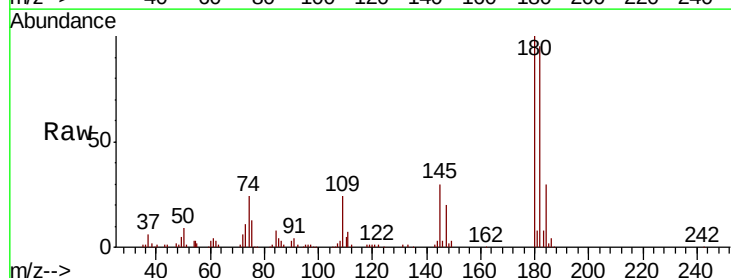
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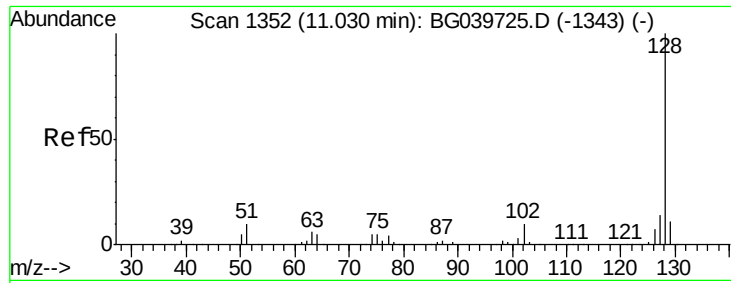
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#30
1,2,4-Trichlorobenzene
Concen: 40.080 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.9	76.0	114.0
145	29.7	22.7	34.1





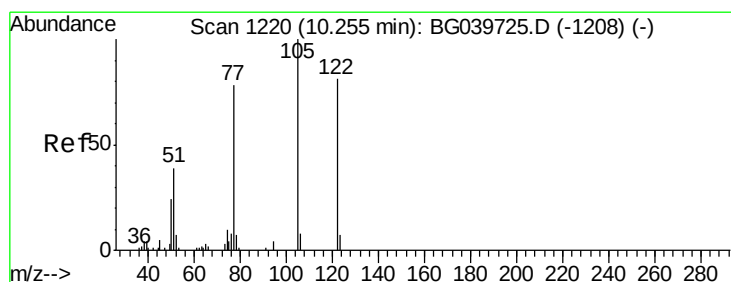
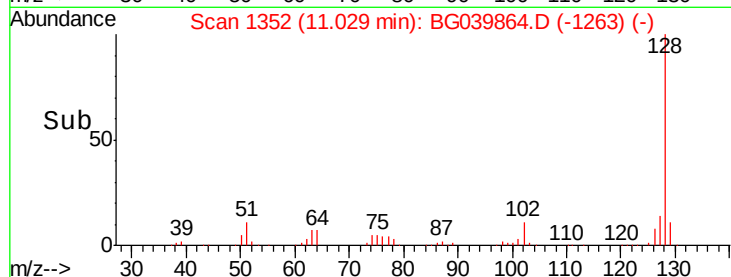
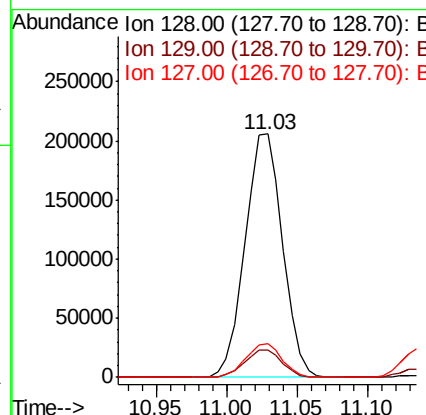
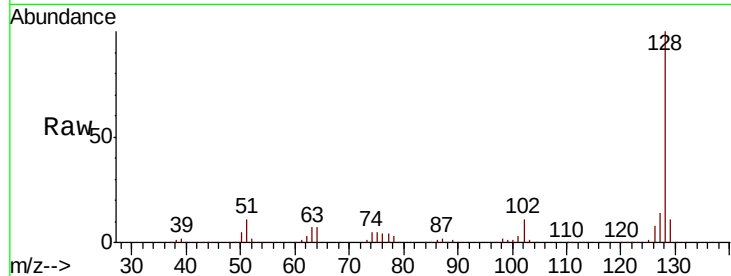
#31
Naphthalene
Concen: 39.753 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampled :
PB117792BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.9	10.8	16.2

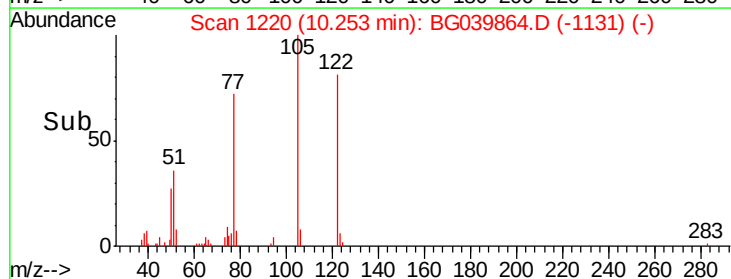
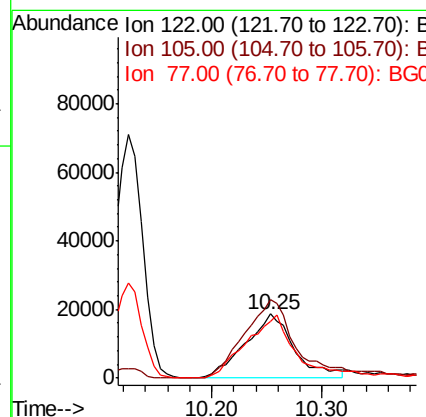
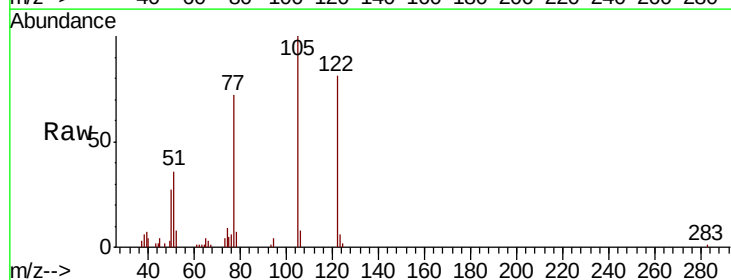
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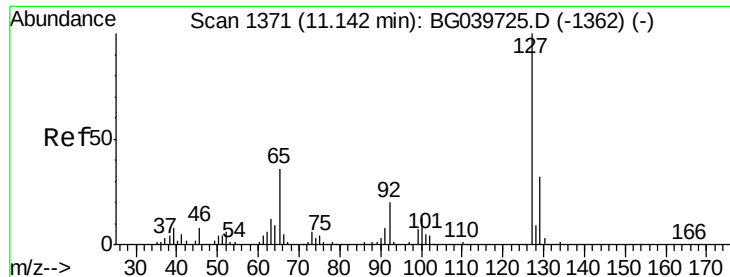
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#32
Benzoic acid
Concen: 33.316 ng
RT: 10.25 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	101.8	141.8
77	88.6	76.3	116.3





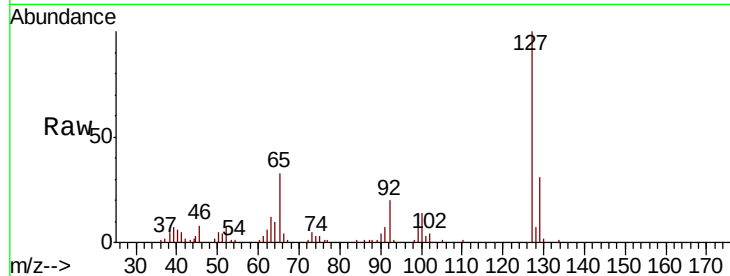
#33
4-Chloroaniline
Concen: 11.020 ng
RT: 11.13 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

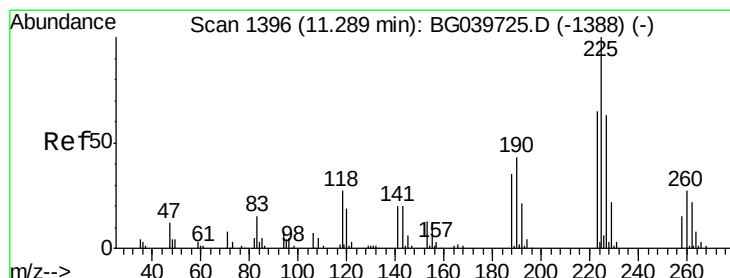
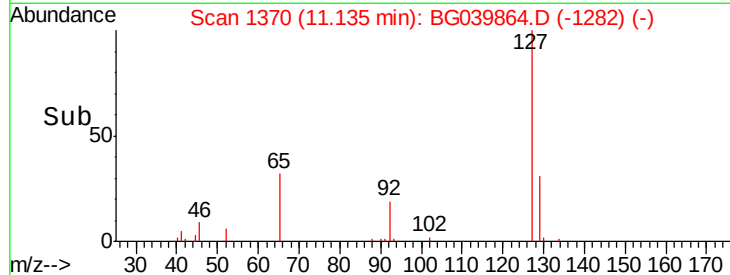
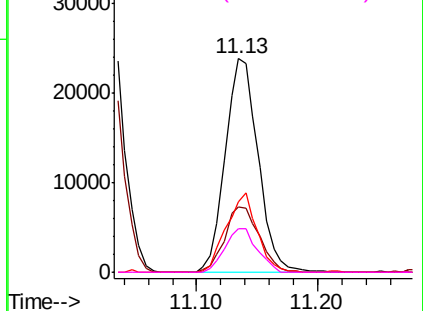
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.8	27.0	40.4
65	33.3	28.8	43.2
92	20.3	16.6	25.0

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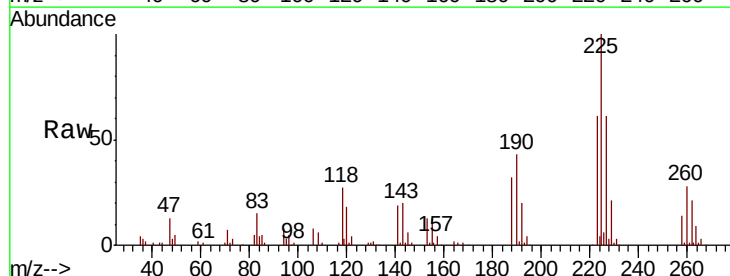


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

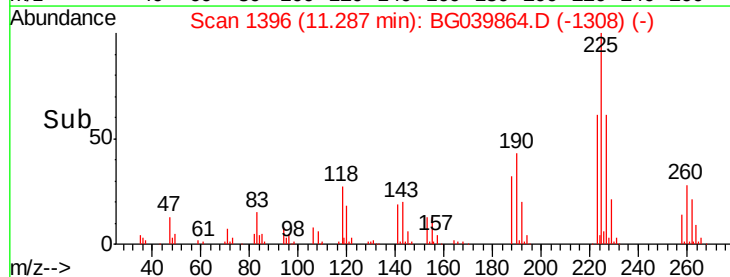
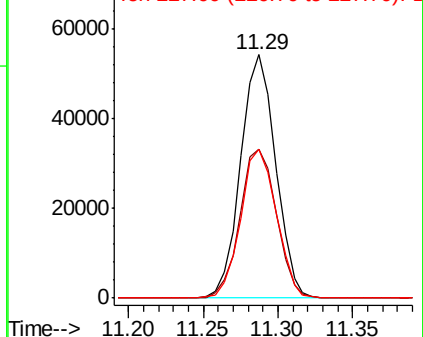


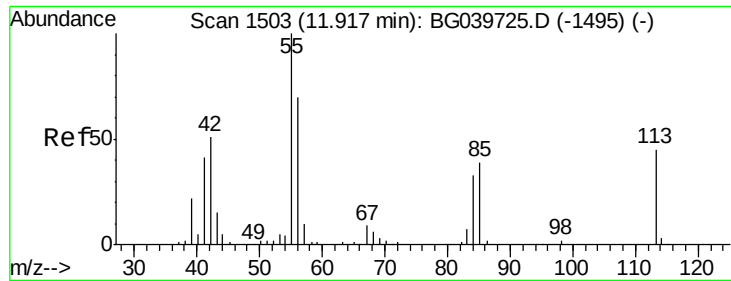
#34
Hexachlorobutadiene
Concen: 38.458 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.0	73.6
227	61.3	46.3	69.5



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





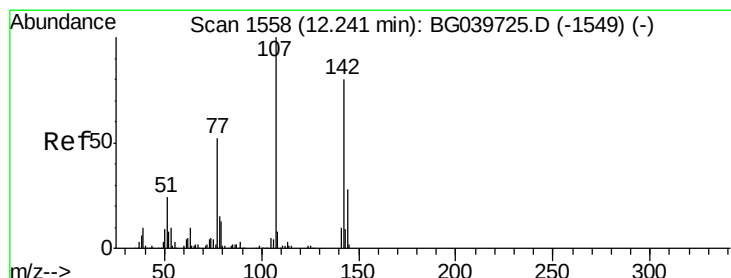
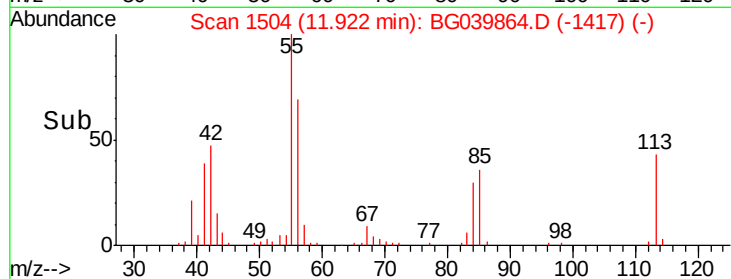
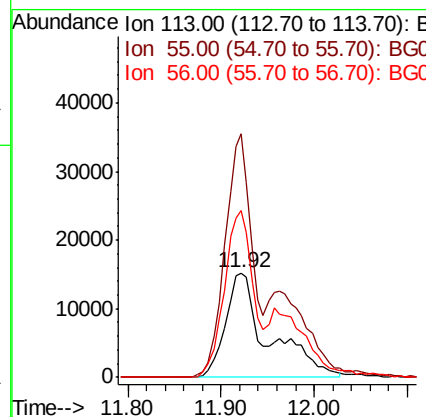
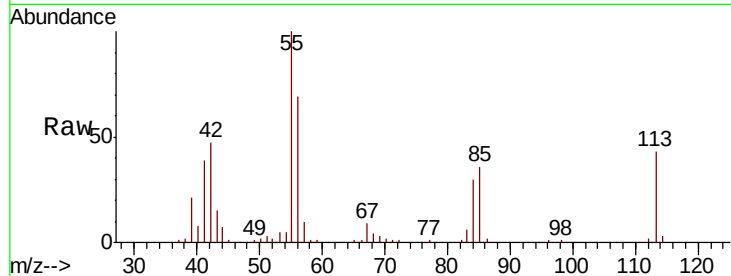
#35
 Caprolactam
 Concen: 42.667 ng/ml
 RT: 11.92 min Scan# 1504
 Delta R.T. -0.02 min
 Lab File: BG039864.D
 Acq: 12 Mar 2019 6:57

Instrument :
 BNA_G
 ClientSampled :
 PB117792BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	233.3	216.9	256.9
56	160.0	152.6	192.6

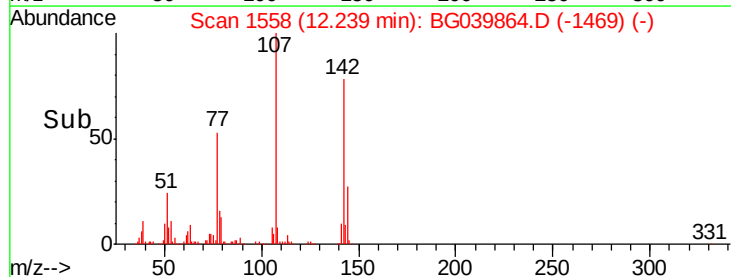
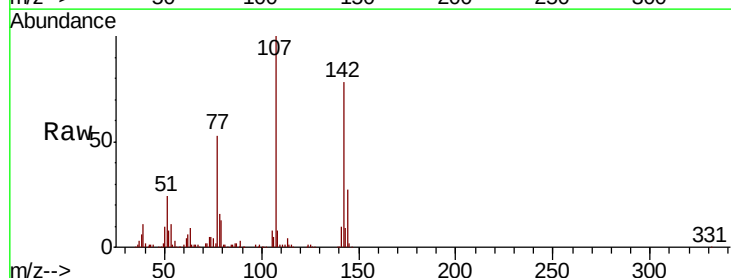
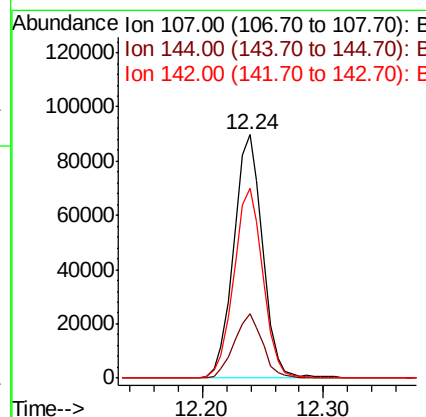
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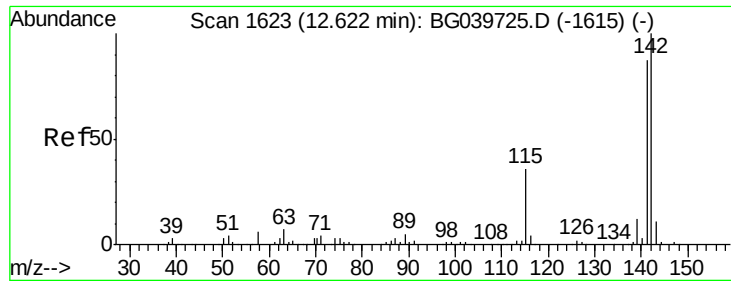
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#36
 4-Chloro-3-methylphenol
 Concen: 43.754 ng/ml
 RT: 12.24 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BG039864.D
 Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.2	30.2
142	78.2	61.4	92.2





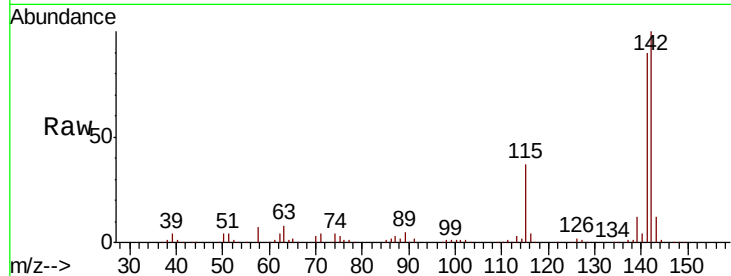
#37
2-Methylnaphthalene
Concen: 40.864 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.5	110.3
115	37.1	30.8	46.2

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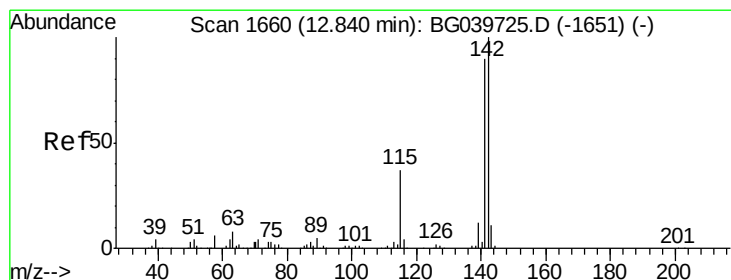
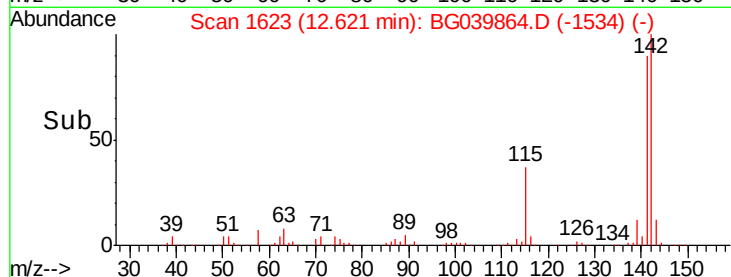
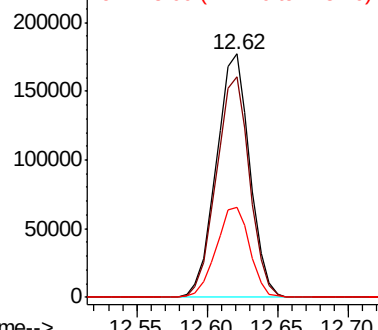


Abundance

Ion 142.00 (141.70 to 142.70): E

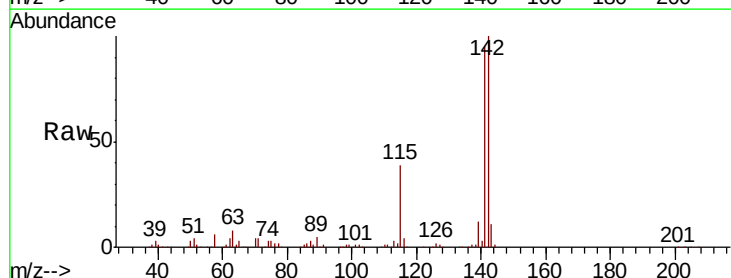
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.674 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	74.2	111.4
116	4.0	3.0	4.6

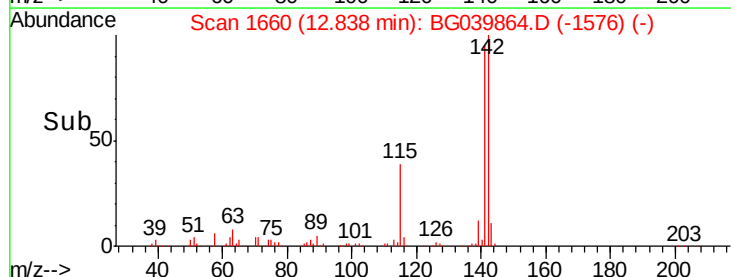
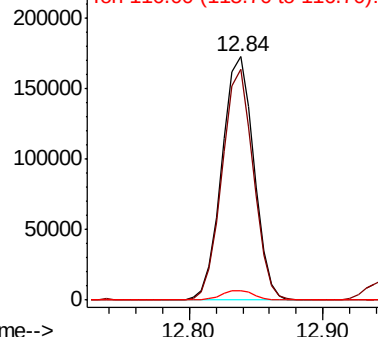


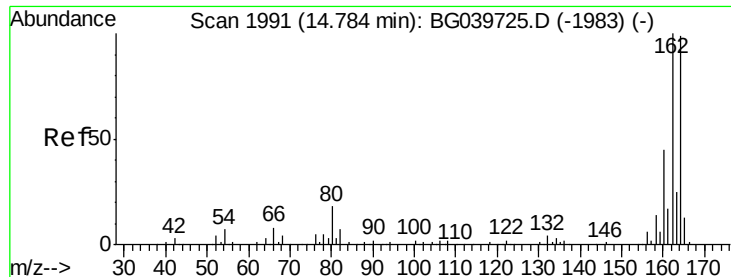
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

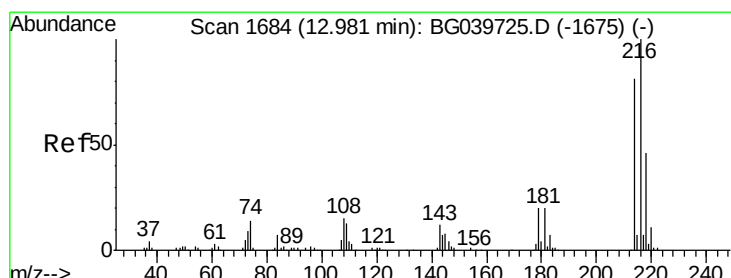
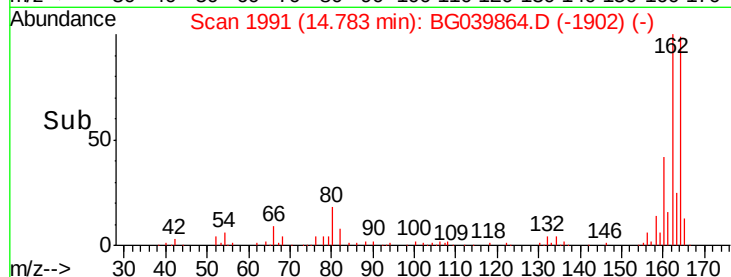
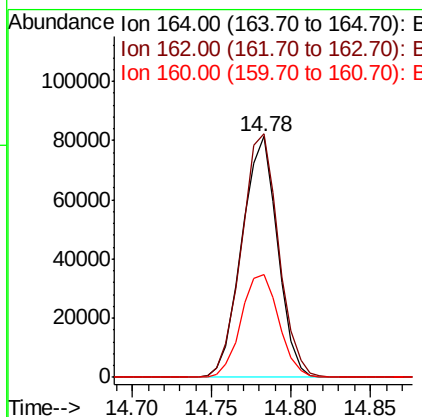
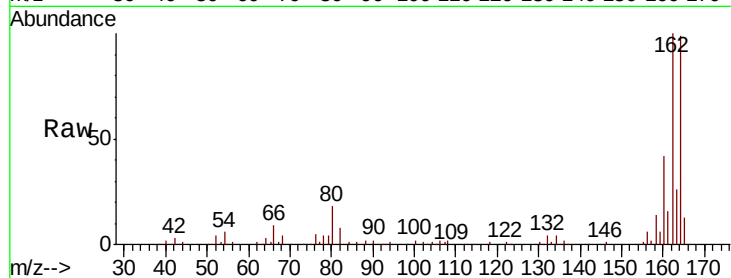
ClientSampled :

PB117792BS

Tot Ion:	164	Resp:	127167
Ion Ratio	Lower	Upper	
164	100		
162	101.2	81.6	122.4
160	42.7	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.277 ng

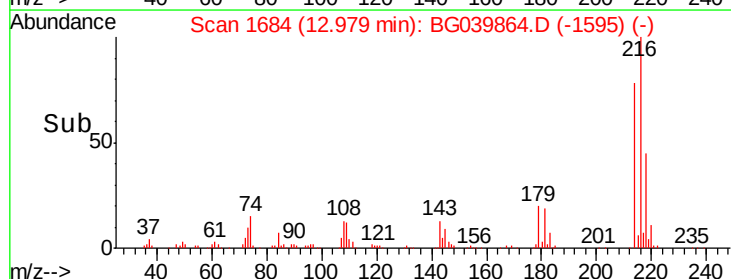
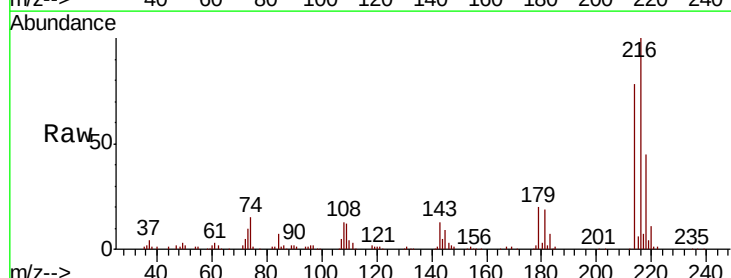
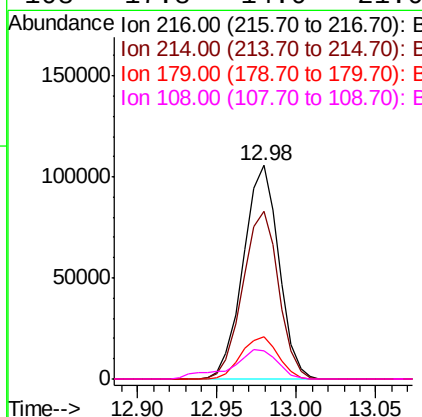
RT: 12.98 min Scan# 1684

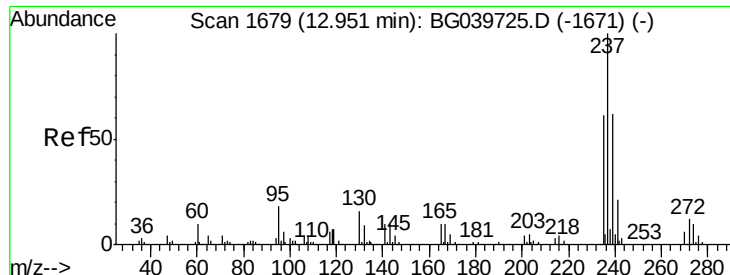
Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Tgt Ion:	216	Resp:	164901
Ion Ratio	Lower	Upper	
216	100		
214	79.1	62.6	94.0
179	20.6	16.6	25.0
108	17.8	14.0	21.0





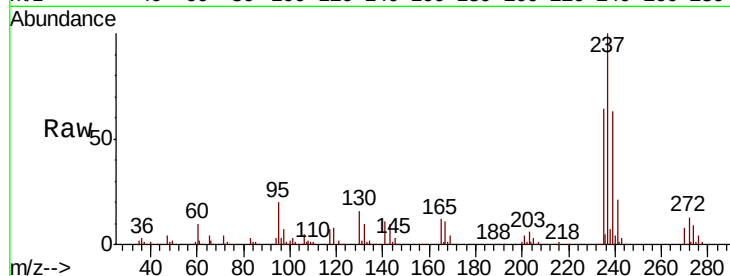
#41
Hexachlorocyclopentadiene
Concen: 89.909 ng
RT: 12.94 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

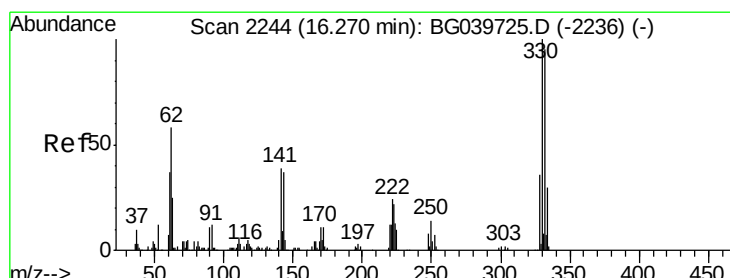
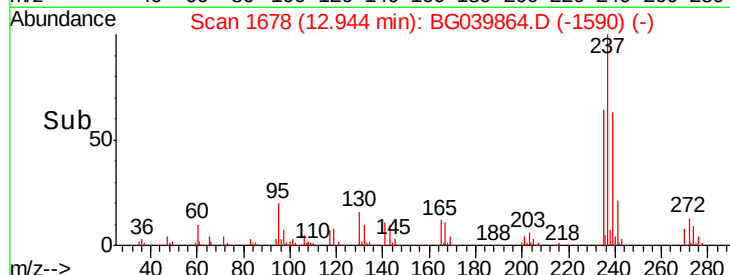
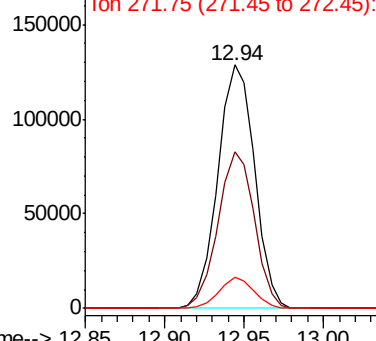
Tot Ion:	237	Resp:	207576
Ion Ratio	Lower	Upper	
237	100		
235	64.4	43.3	83.3
272	12.8	0.0	32.3

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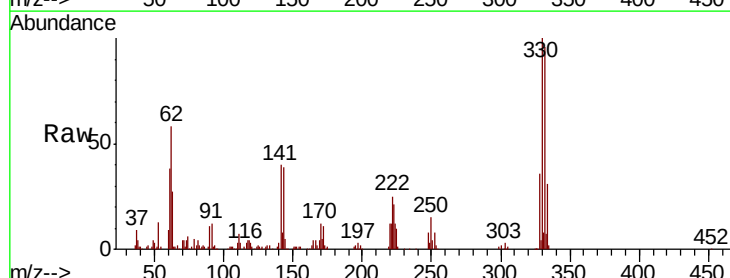


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

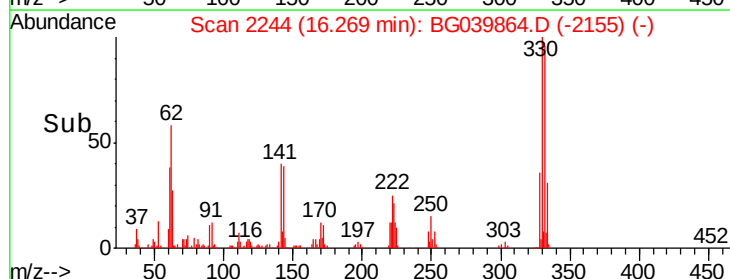
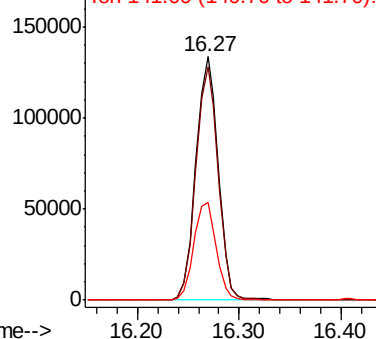


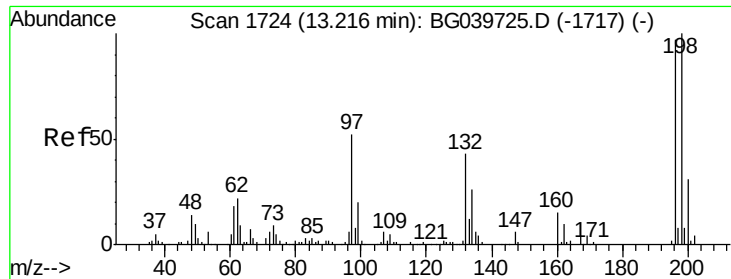
#42
2,4,6-Tribromophenol
Concen: 137.936 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion:	330	Resp:	204452
Ion Ratio	Lower	Upper	
330	100		
332	95.6	75.7	113.5
141	40.3	35.6	53.4



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





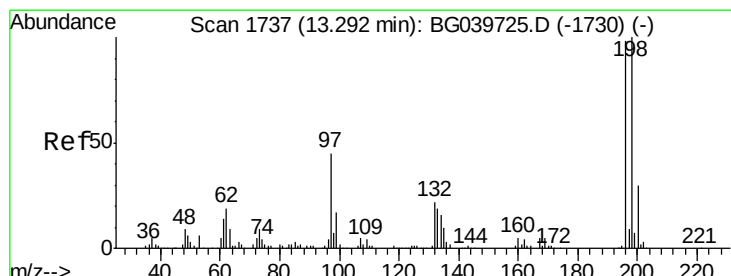
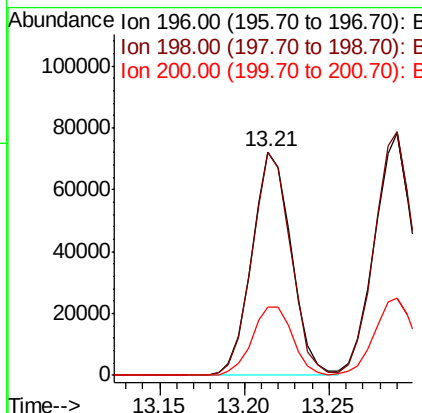
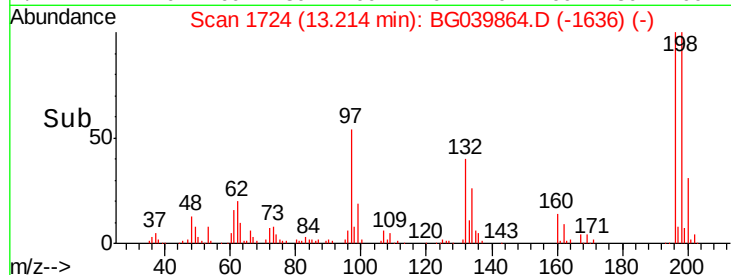
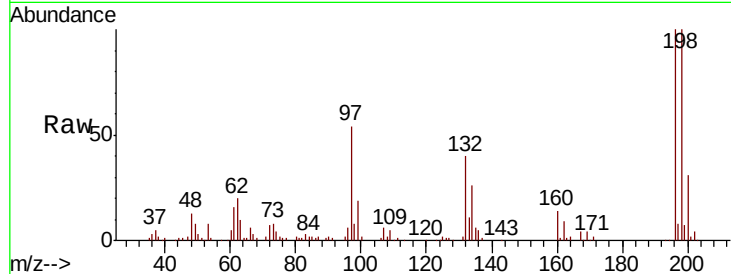
#43
 2,4,6-Trichlorophenol
 Concen: 46.396 ng
 RT: 13.21 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039864.D
 Acq: 12 Mar 2019 6:57

Instrument :
 BNA_G
 ClientSampled :
 PB117792BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	117021		
198	99.8	80.6	121.0	
200	30.7	26.1	39.1	

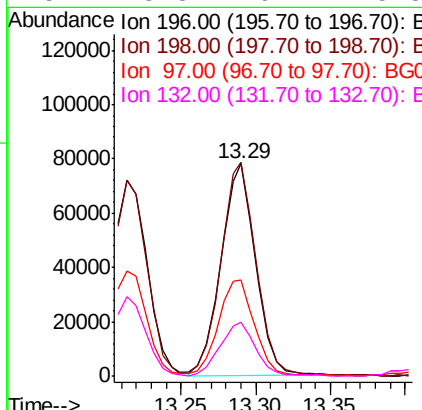
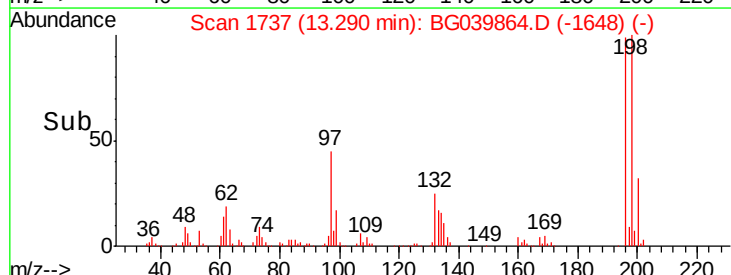
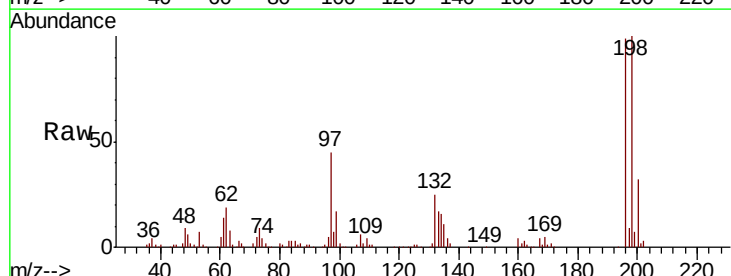
Manual Integrations
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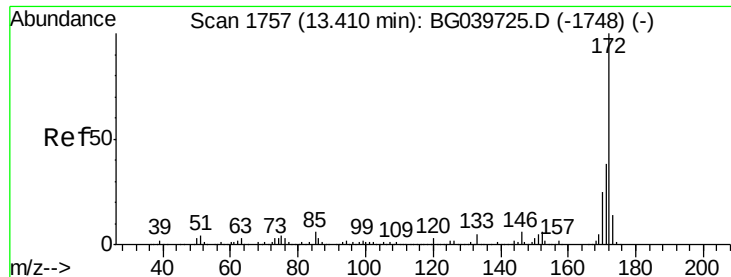
Sohil
 3/12/2019 4:42:35 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.418 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG039864.D
 Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	126278		
198	100.7	78.5	117.7	
97	45.0	38.4	57.6	
132	25.3	19.2	28.8	





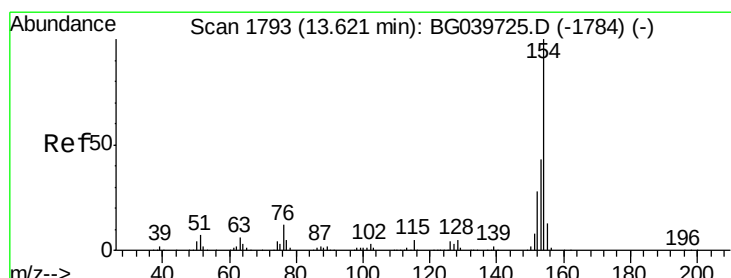
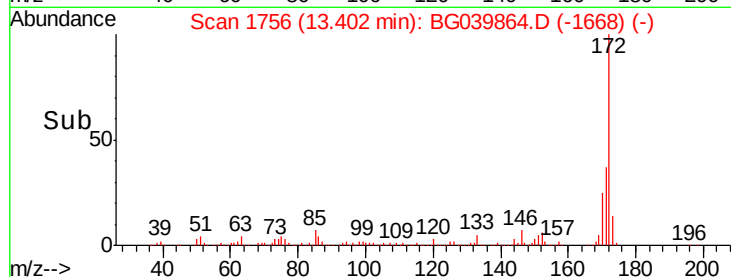
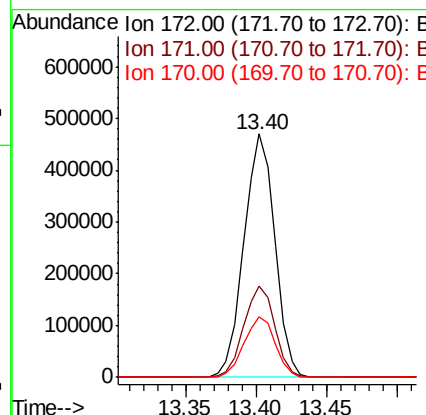
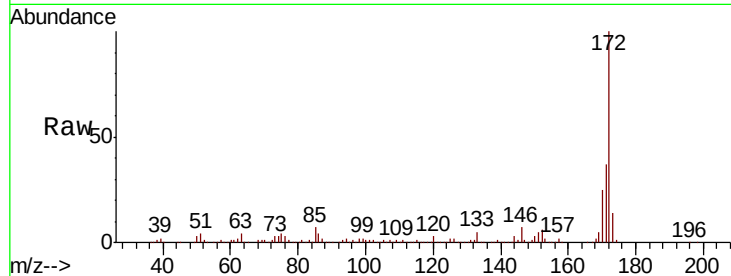
#45
2-Fluorobiphenyl
Concen: 80.567 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.0	20.2	30.4

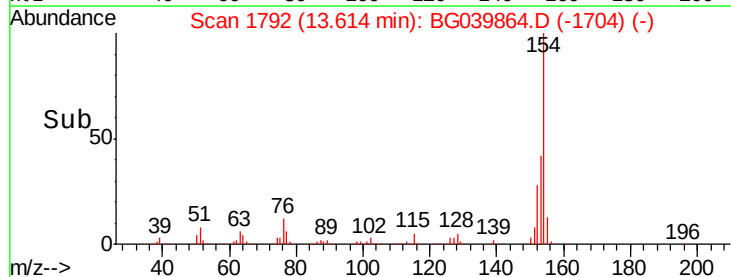
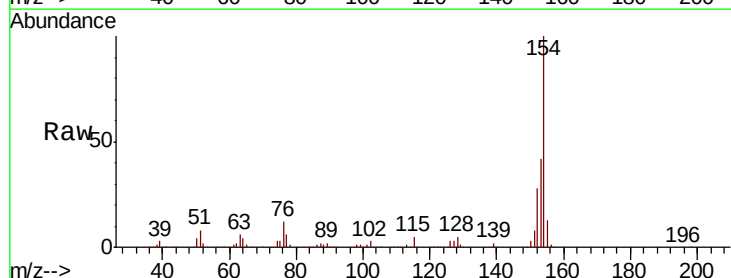
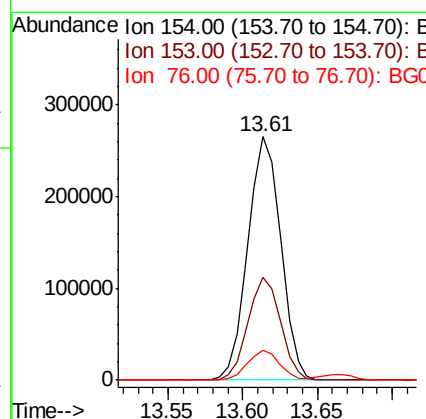
Manual Integrations
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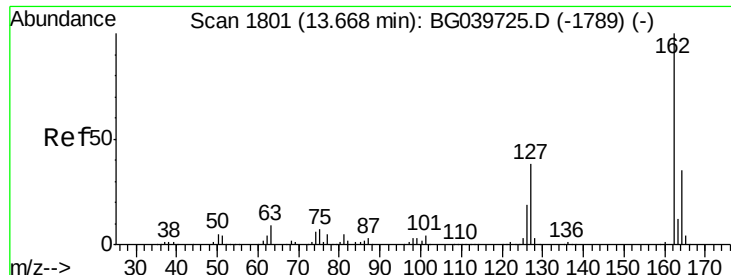
Sohil
3/12/2019 4:42:35 PM



#46
1,1'-Biphenyl
Concen: 38.665 ng
RT: 13.61 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.1	62.1
76	12.2	0.0	32.4





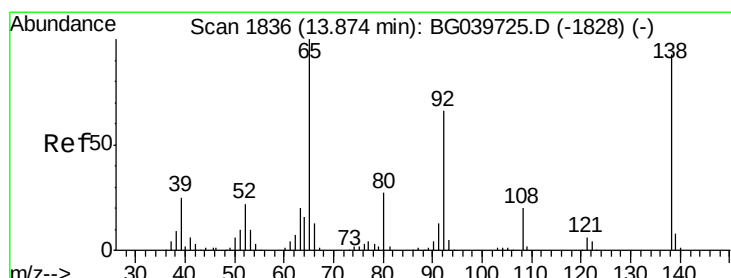
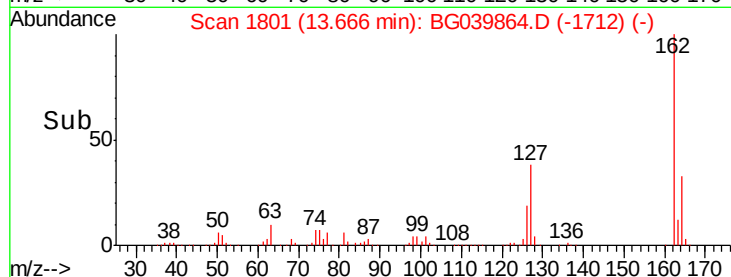
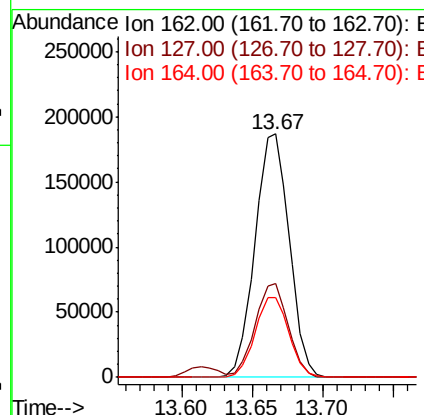
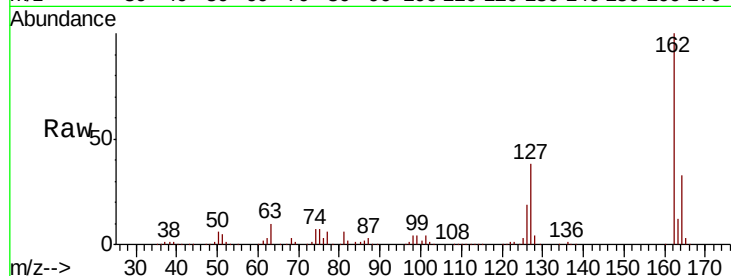
#47
 2-Chloronaphthalene
 Concen: 40.465 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039864.D
 Acq: 12 Mar 2019 6:57

Instrument :
 BNA_G
 ClientSampleID :
 PB117792BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.6
164	32.6	25.7	38.5

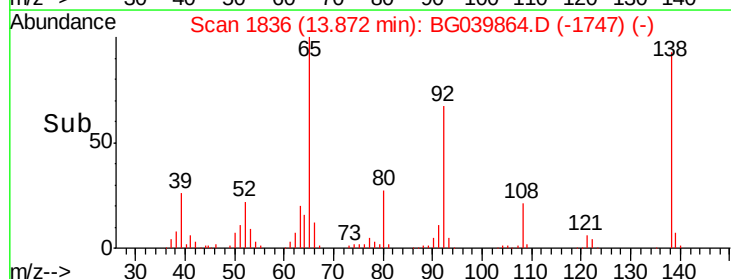
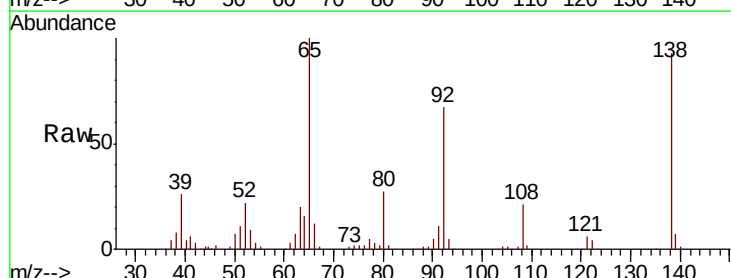
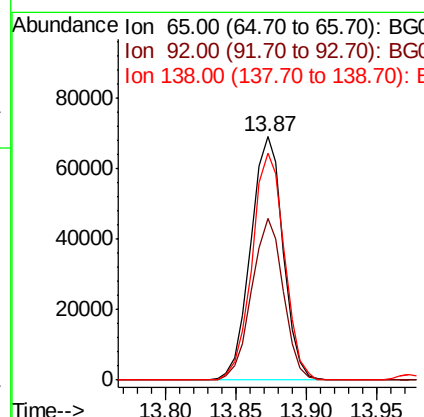
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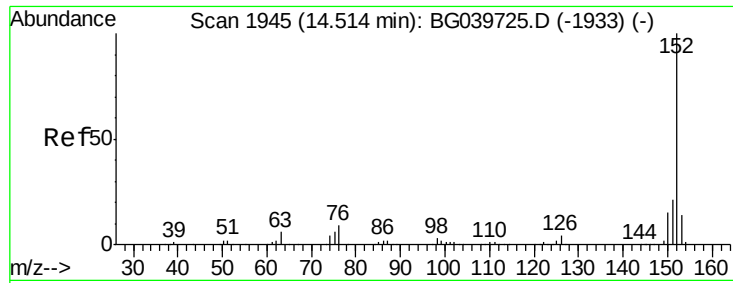
Sohil
 3/12/2019 4:42:35 PM



#48
 2-Nitroaniline
 Concen: 44.148 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039864.D
 Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	51.4	77.2
138	93.4	71.4	107.2





#49

Acenaphthylene

Concen: 39.861 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

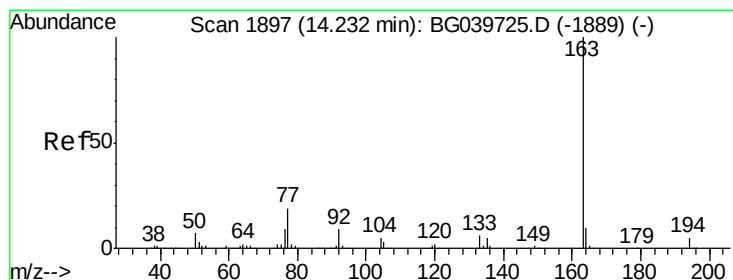
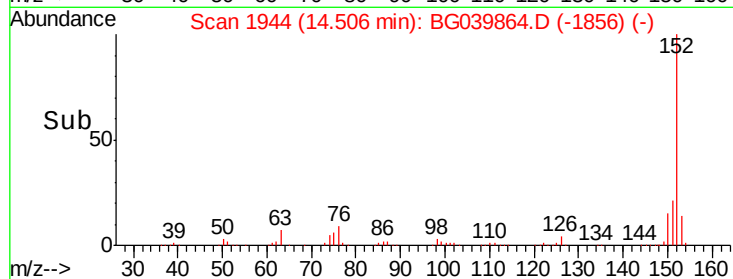
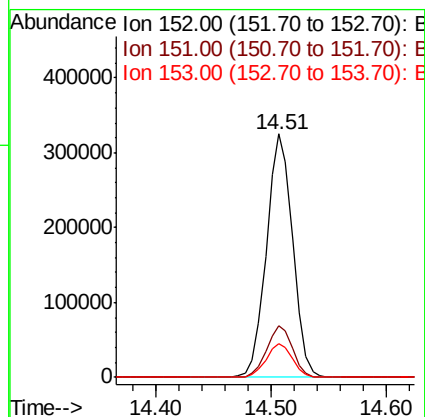
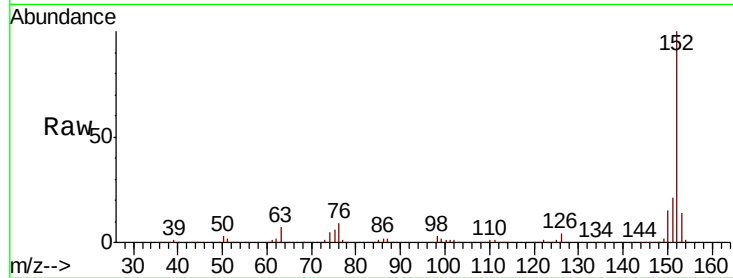
ClientSampleId :

PB117792BS

Tot Ion:	152	Resp:	514881
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.8	25.2
153	13.9	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.370 ng

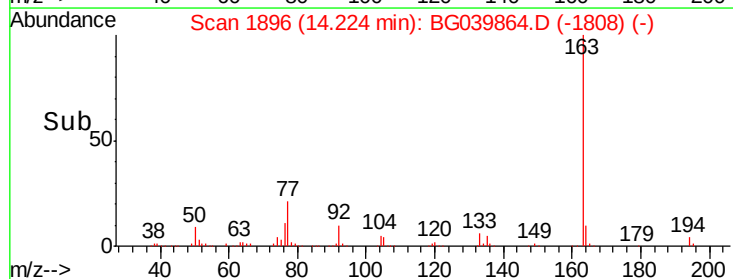
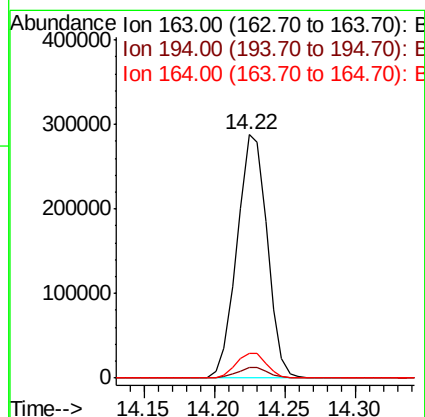
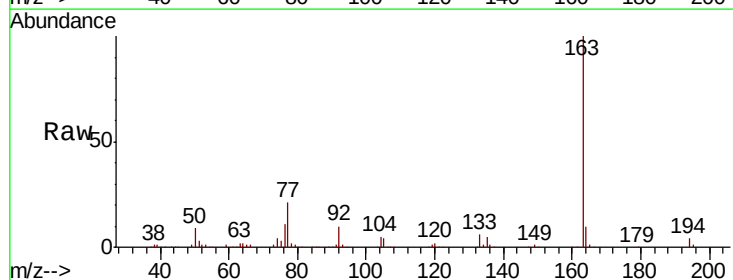
RT: 14.22 min Scan# 1896

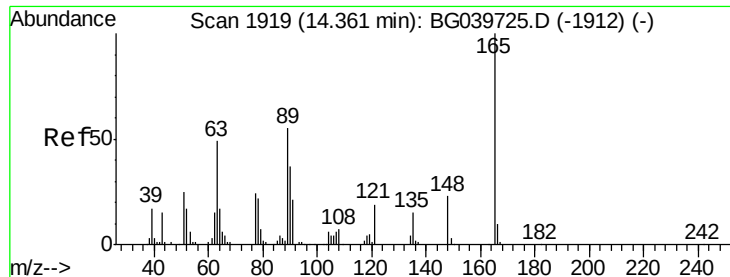
Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Tgt Ion:	163	Resp:	429274
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	9.9	8.4	12.6





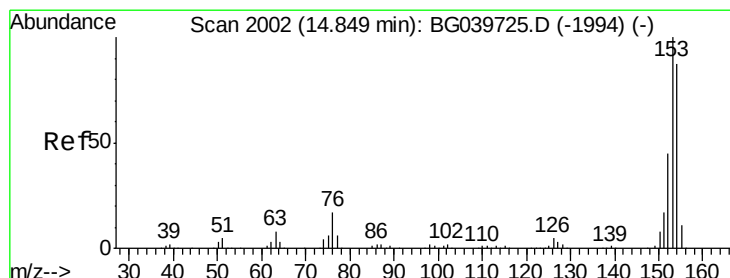
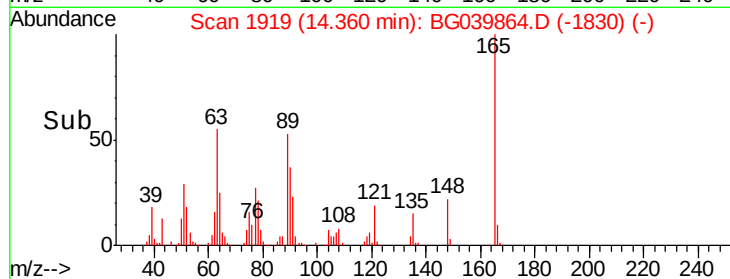
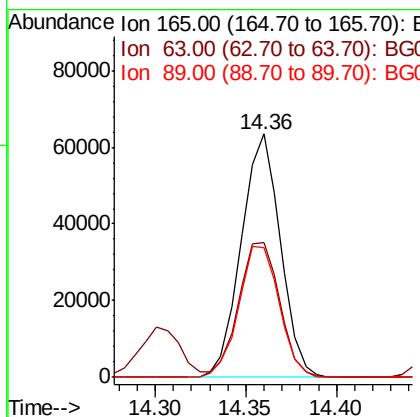
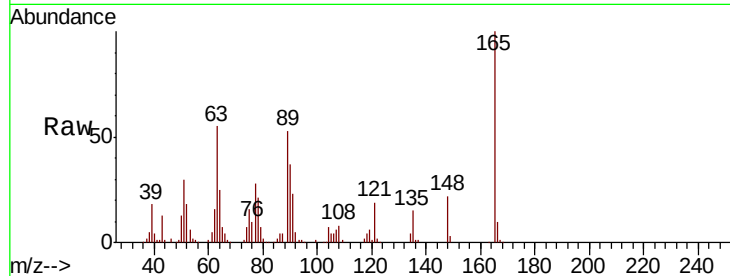
#51
 2,6-Dinitrotoluene
 Concen: 42.372 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG039864.D
 Acq: 12 Mar 2019 6:57

Instrument :
 BNA_G
 ClientSampleId :
 PB117792BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.4	47.0	70.6	
89	53.4	45.8	68.8	

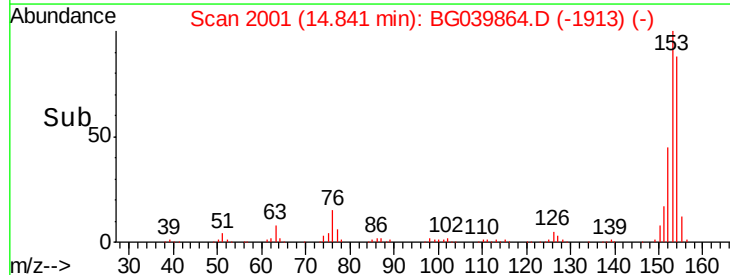
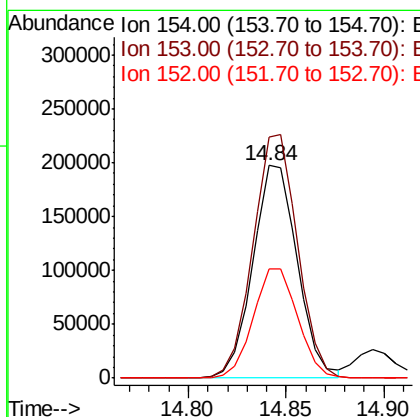
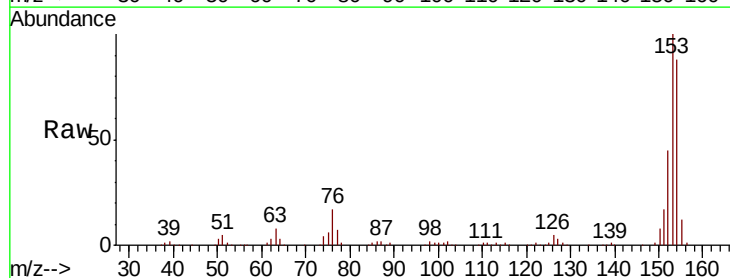
Manual Integrations
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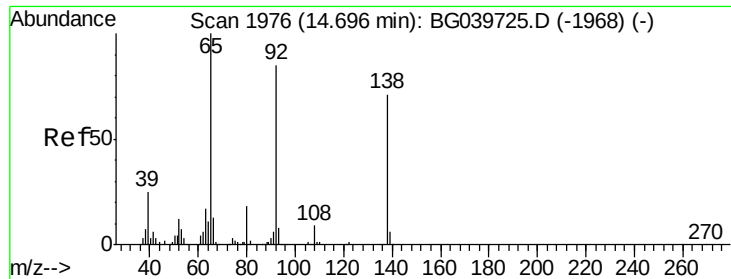
Sohil
 3/12/2019 4:42:35 PM



#52
 Acenaphthene
 Concen: 40.054 ng
 RT: 14.84 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BG039864.D
 Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.3	90.1	135.1	
152	51.3	40.9	61.3	





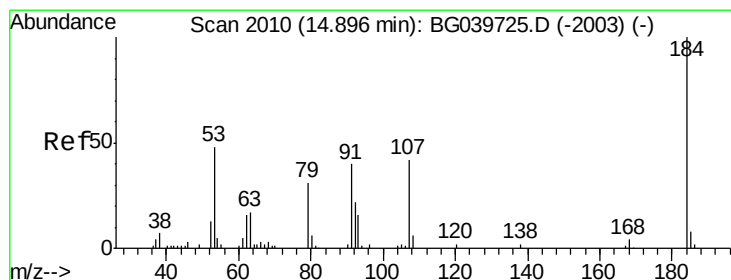
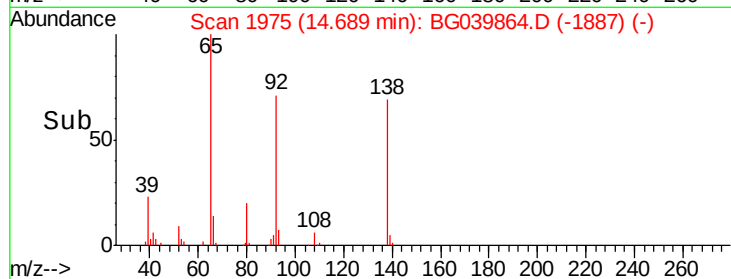
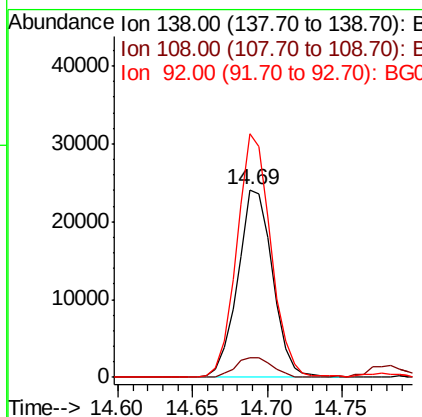
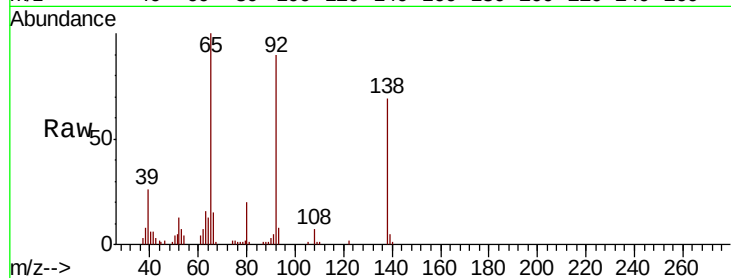
#53
3-Nitroaniline
Concen: 17.175 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	13.8	20.8#
92	130.0	103.7	155.5

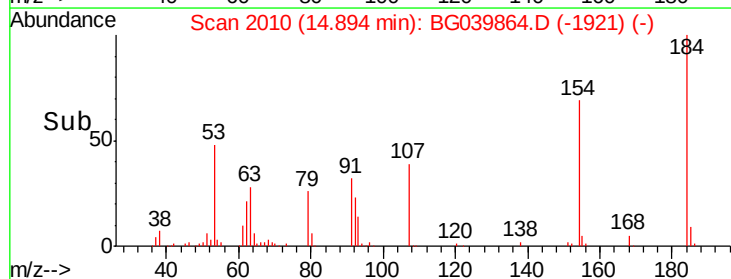
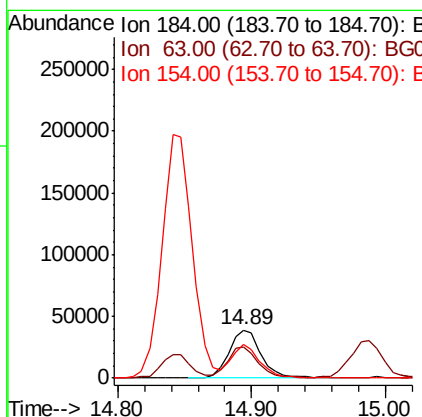
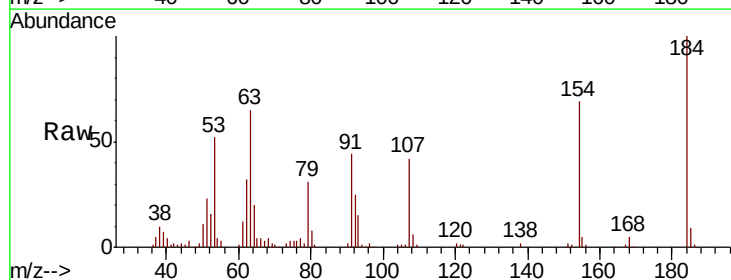
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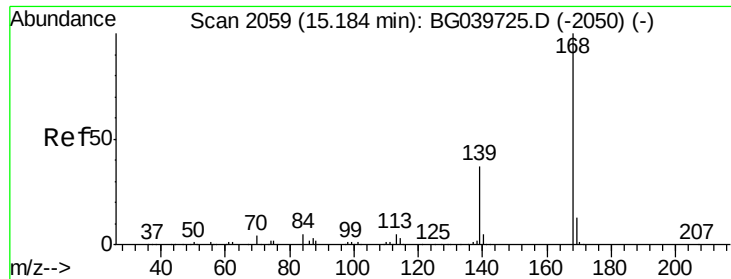
Sohil
3/12/2019 4:42:35 PM



#54
2,4-Dinitrophenol
Concen: 48.389 ng
RT: 14.89 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.7	50.9	76.3
154	69.5	53.0	79.6





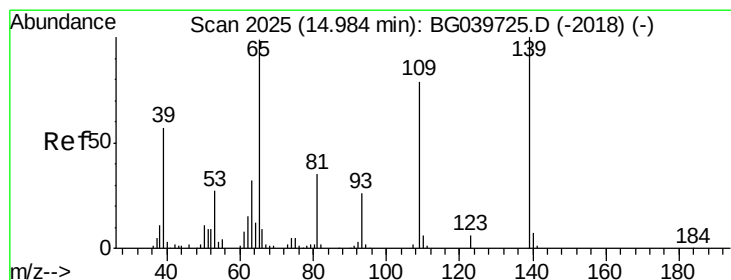
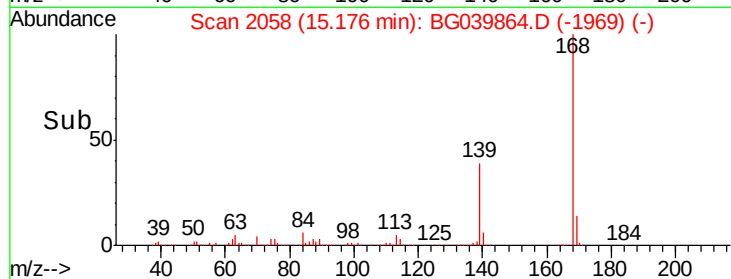
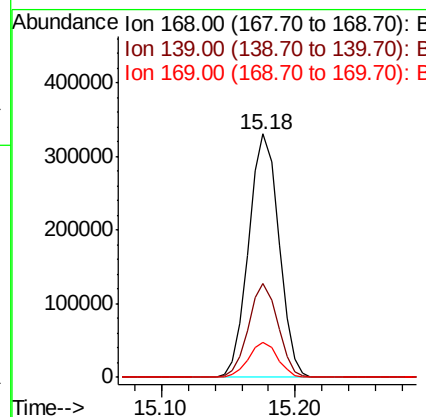
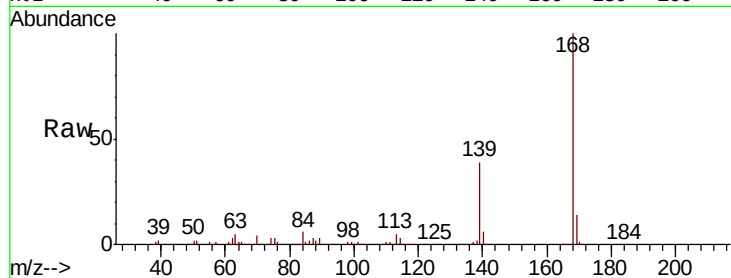
#55
Dibenzenofuran
Concen: 40.421 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.5	30.1	45.1	
169	14.2	10.6	16.0	

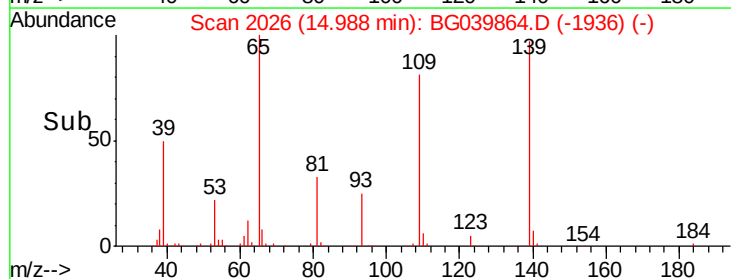
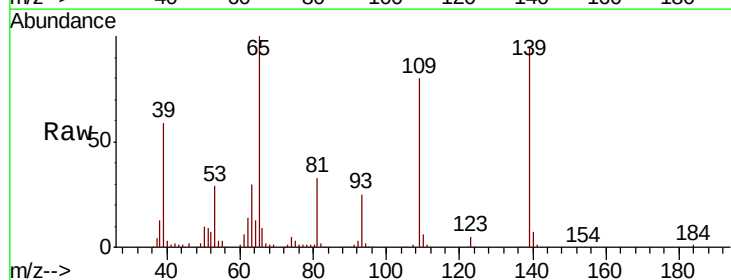
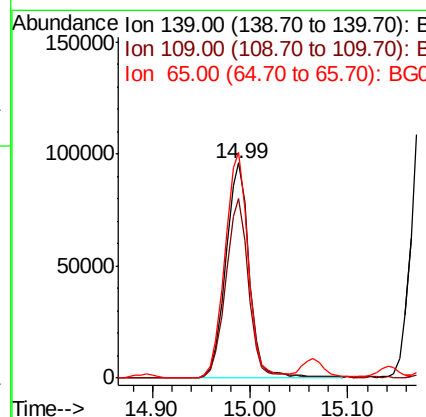
Manual Integrations
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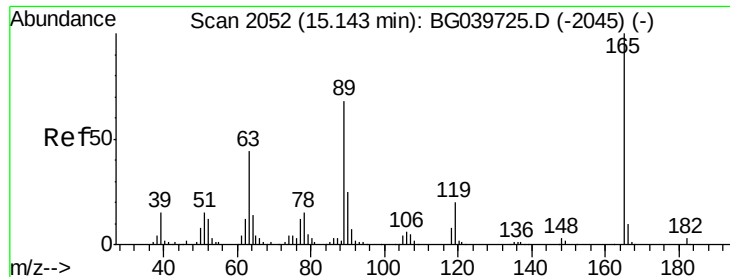
Sohil
3/12/2019 4:42:35 PM



#56
4-Nitrophenol
Concen: 78.765 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	83.6	61.9	101.9	
65	105.0	99.1	139.1	





#57

2,4-Dinitrotoluene

Concen: 44.015 ng

RT: 15.14 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

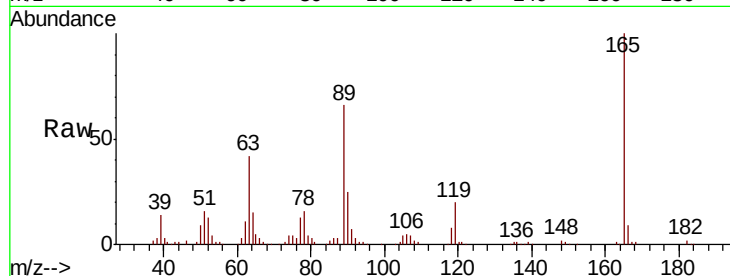
ClientSampleId :

PB117792BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.0	41.0	61.6	
89	66.3	64.6	96.8	
182	2.3	2.0	3.0	

Manual Integrations
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Sohil
3/12/2019 4:42:35 PM

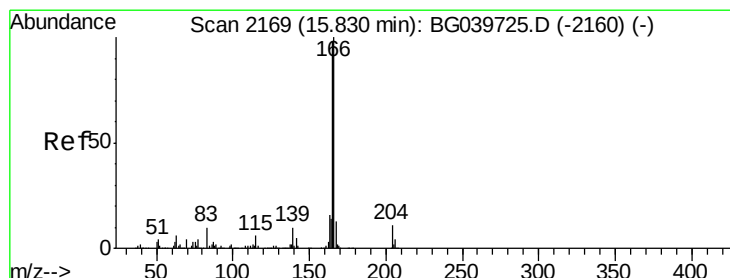
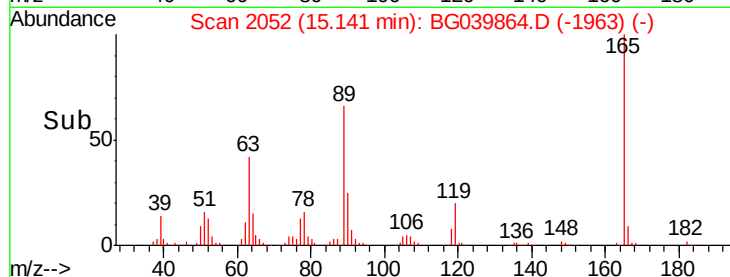
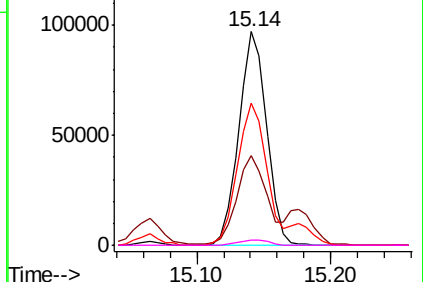


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.384 ng

RT: 15.82 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG039864.D

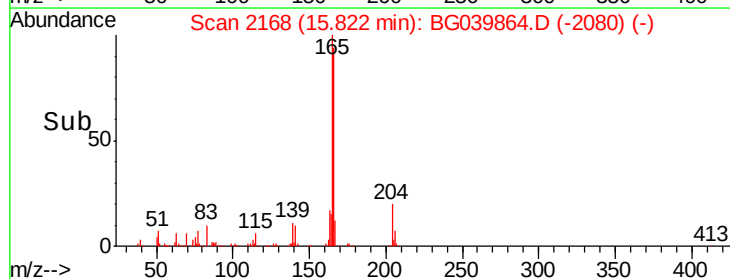
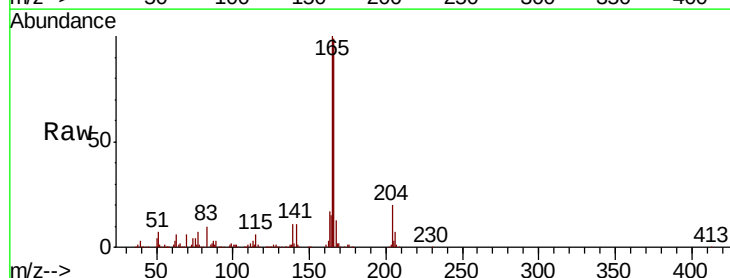
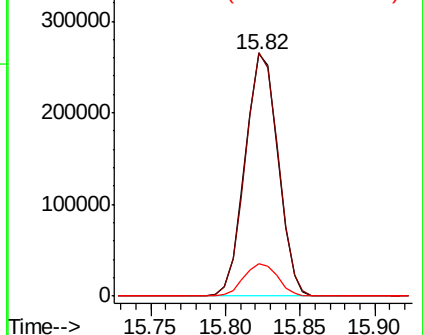
Acq: 12 Mar 2019 6:57

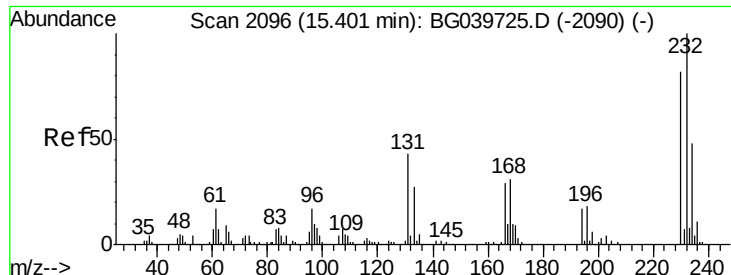
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.6	77.9	116.9	
167	13.6	10.8	16.2	

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





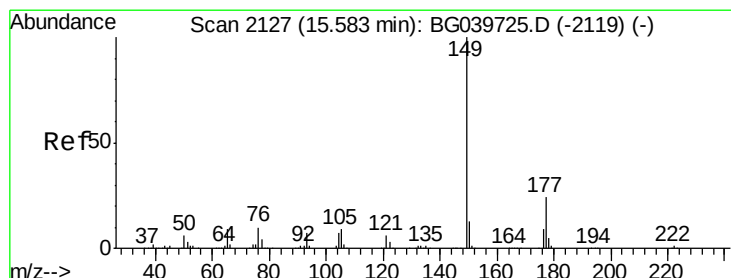
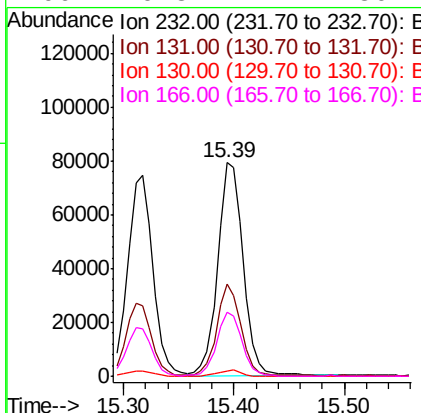
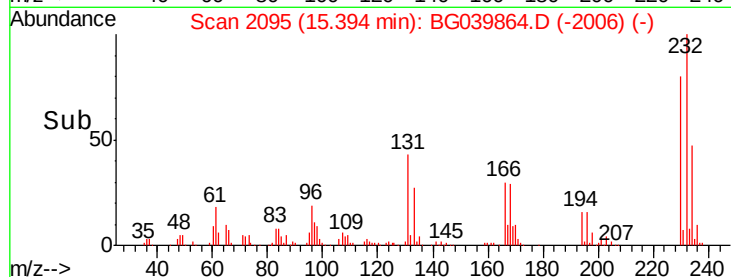
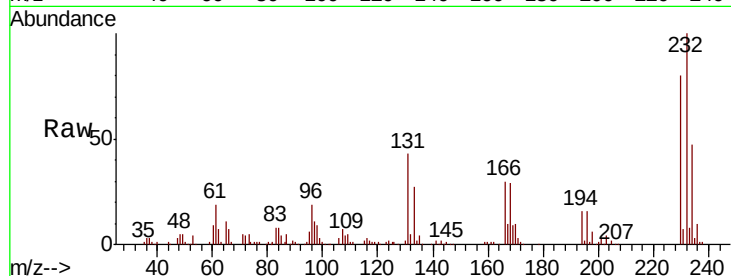
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.839 ng
RT: 15.39 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	127271		
131	40.7		34.9	52.3
130	2.5		2.0	3.0
166	29.3		24.1	36.1

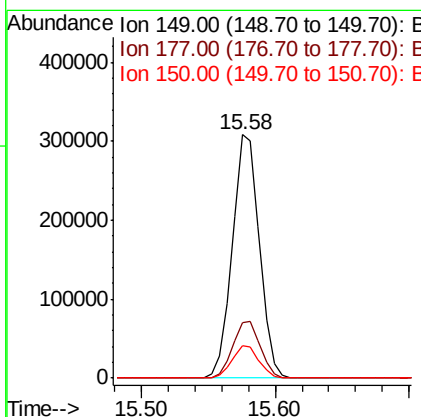
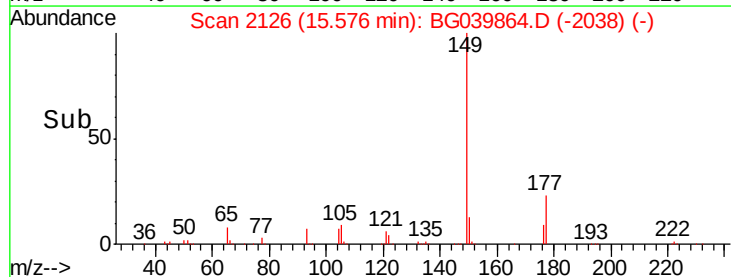
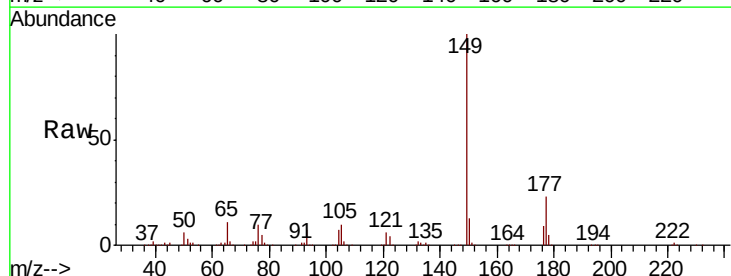
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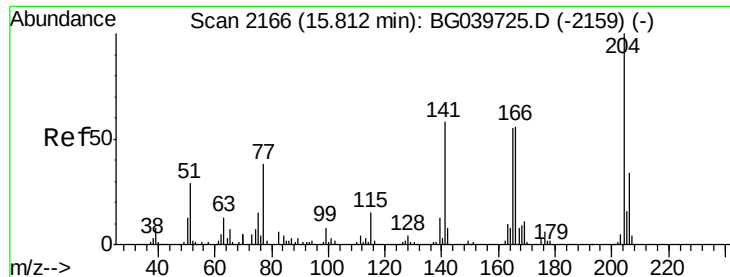
Sohil
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#60
Diethylphthalate
Concen: 41.231 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	434017		
177	22.6		18.3	27.5
150	13.2		10.2	15.2





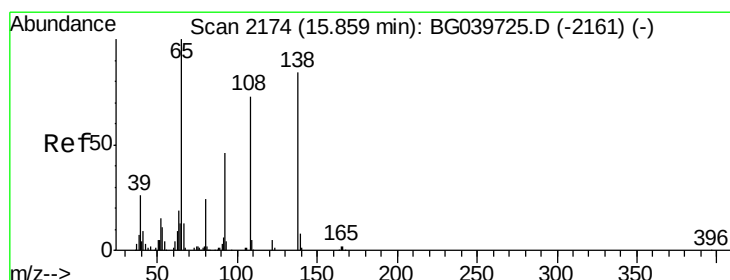
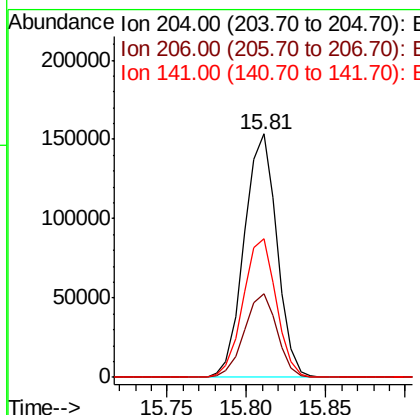
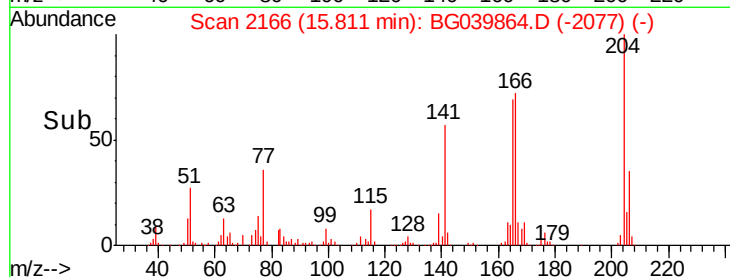
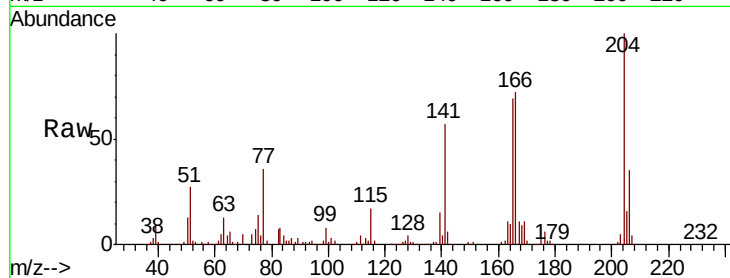
#61
4-Chlorophenyl-phenylether
Concen: 41.020 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampled :
PB117792BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	29.2	43.8
141	57.0	49.0	73.4

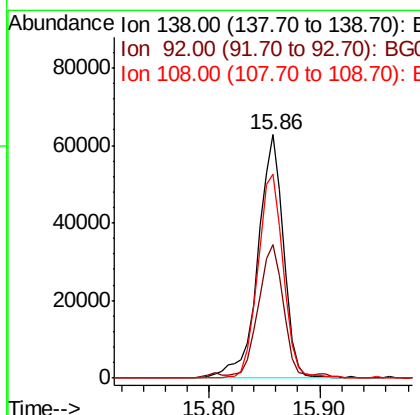
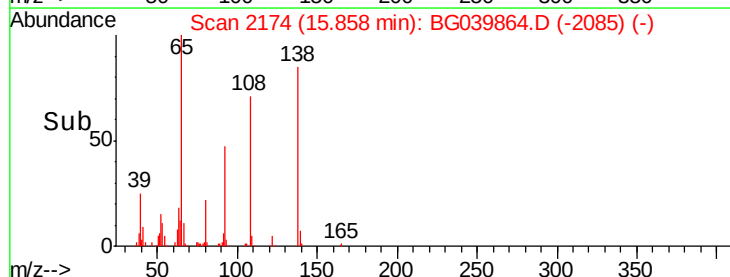
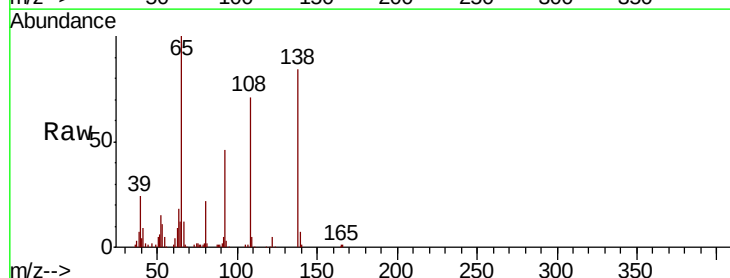
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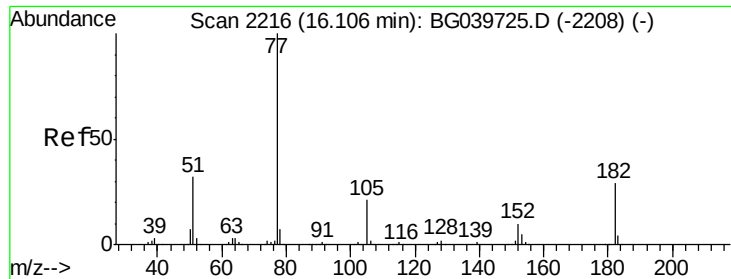
Sohil
3/12/2019 4:42:35 PM



#62
4-Nitroaniline
Concen: 41.549 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.0	38.7	78.7
108	83.8	74.6	114.6





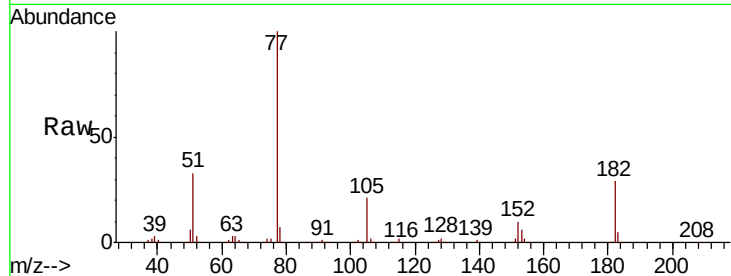
#63
Azobenzene
Concen: 41.404 ng
RT: 16.10 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	6.4	46.4
105	20.7	0.0	39.8
51	33.1	14.1	54.1

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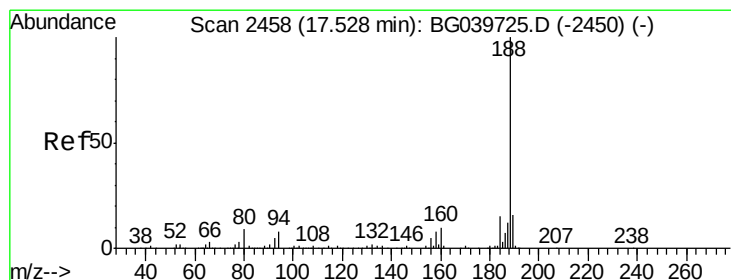
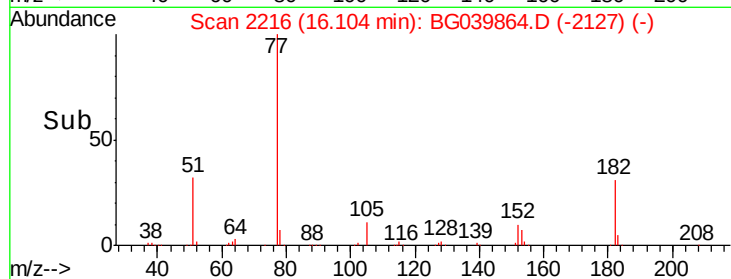
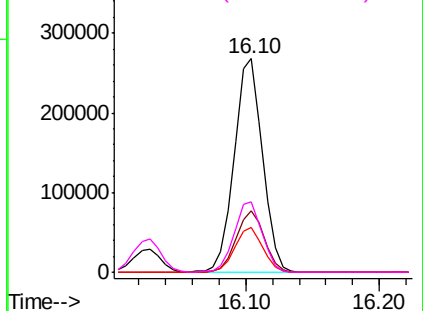
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

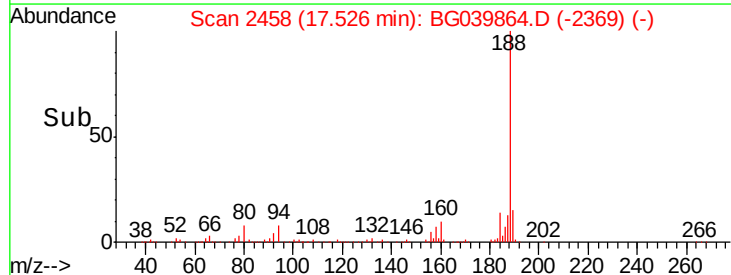
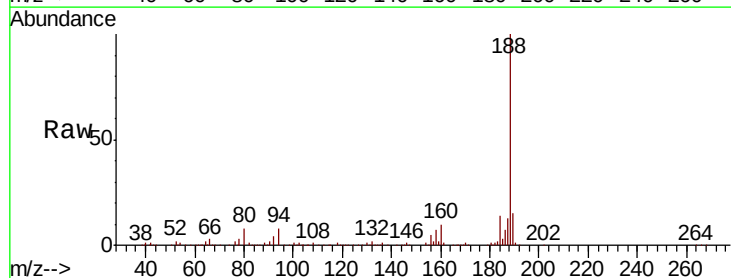
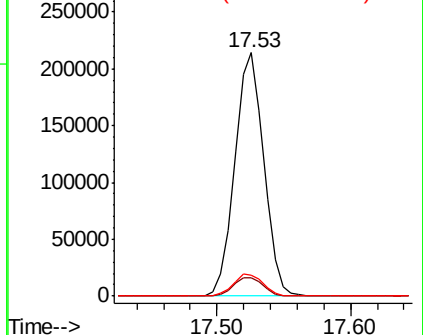
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.5	8.1	12.1

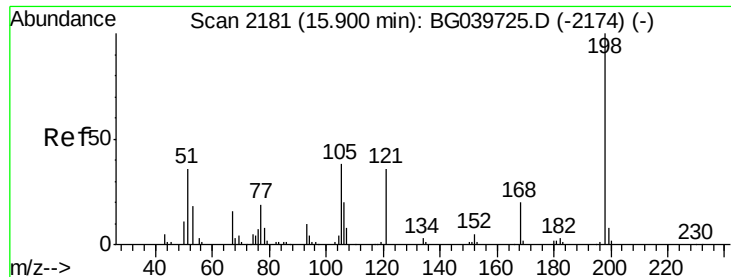
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 34.753 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

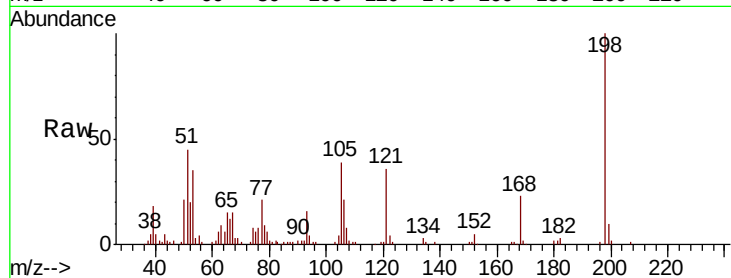
ClientSampleId :

PB117792BS

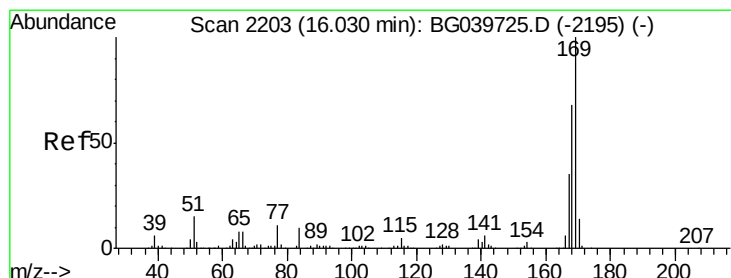
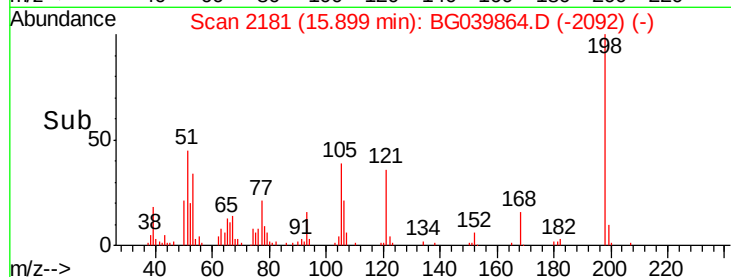
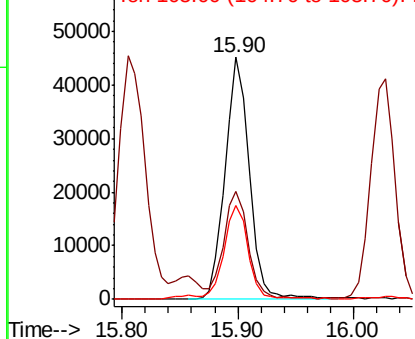
Tot Ion:	198	Resp:	65993
Ion Ratio	Lower	Upper	
198	100		
51	44.5	27.4	67.4
105	38.8	19.7	59.7

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



#66

n-Nitrosodiphenylamine

Concen: 40.531 ng

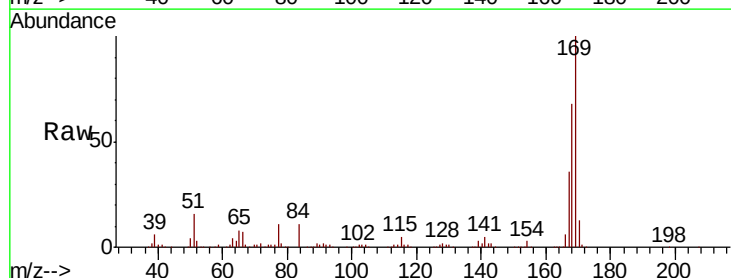
RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

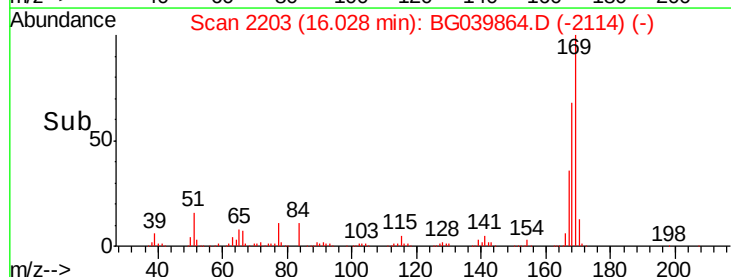
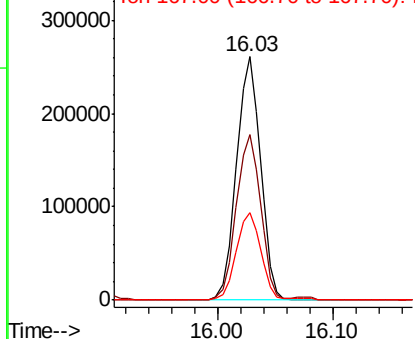
Lab File: BG039864.D

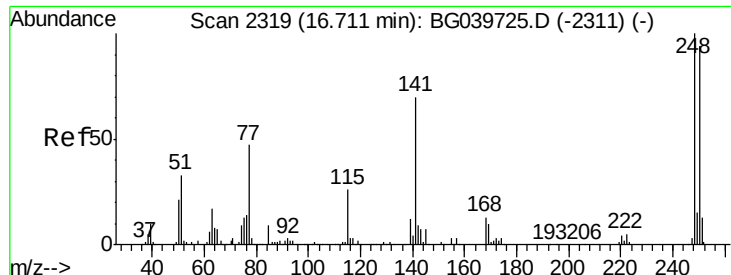
Acq: 12 Mar 2019 6:57

Tgt Ion:	169	Resp:	376841
Ion Ratio	Lower	Upper	
169	100		
168	67.9	56.6	85.0
167	35.8	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: 40.073 ng

RT: 16.70 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

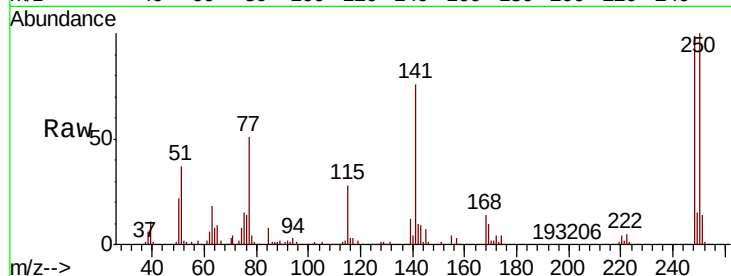
ClientSampled :

PB117792BS

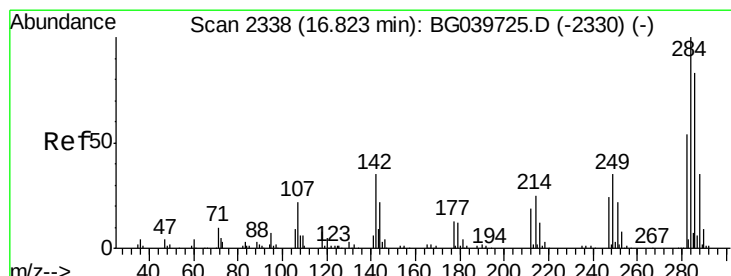
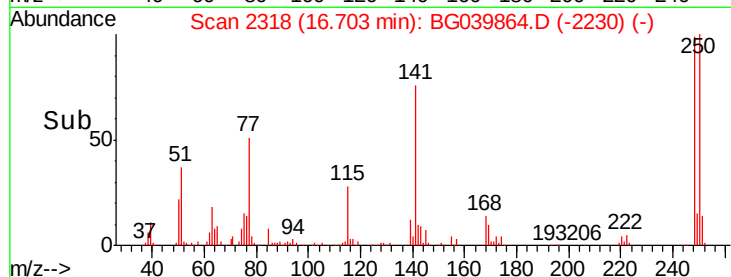
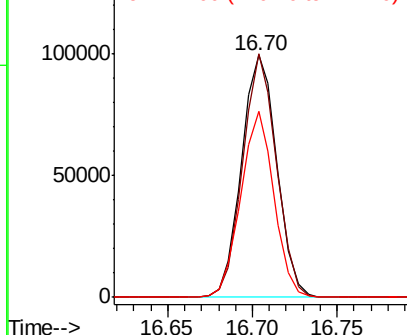
Tot Ion:	248	Resp:	144056
Ion Ratio	Lower	Upper	
248	100		
250	100.5	77.6	116.4
141	76.7	63.9	95.9

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: 39.540 ng

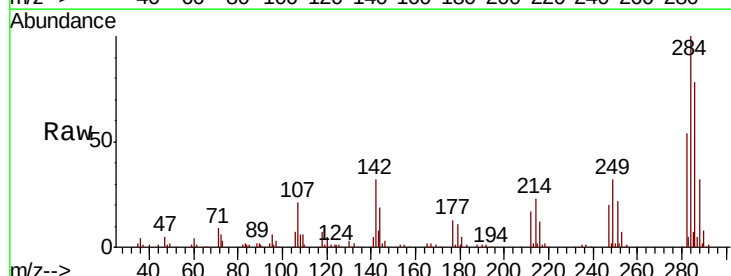
RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

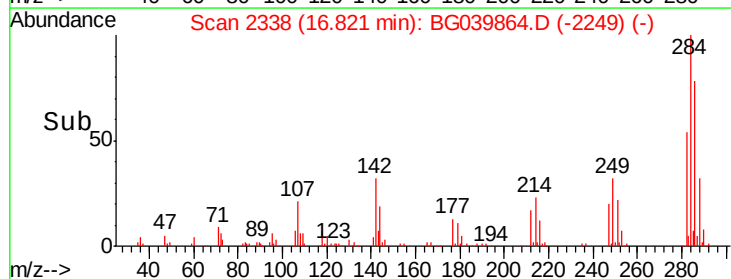
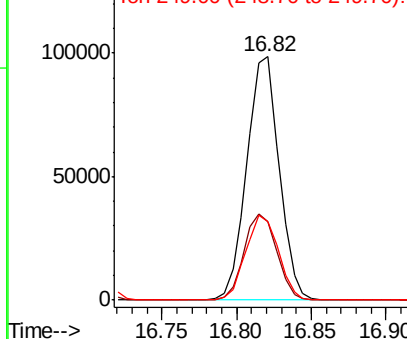
Lab File: BG039864.D

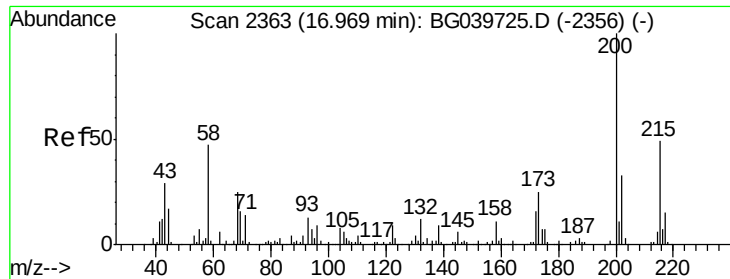
Acq: 12 Mar 2019 6:57

Tgt Ion:	284	Resp:	147338
Ion Ratio	Lower	Upper	
284	100		
142	32.2	30.6	45.8
249	32.3	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





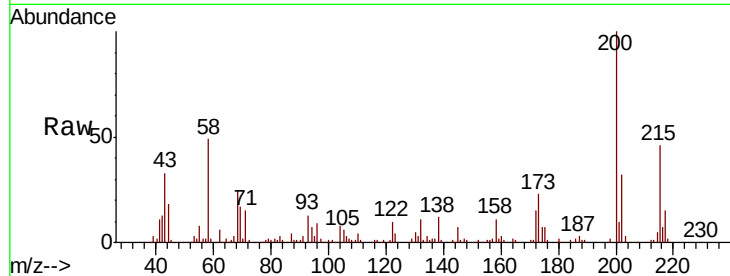
#69
Atrazine
Concen: 39.675 ng
RT: 16.96 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampled :
PB117792BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.3	3.9	43.9
215	46.1	30.9	70.9

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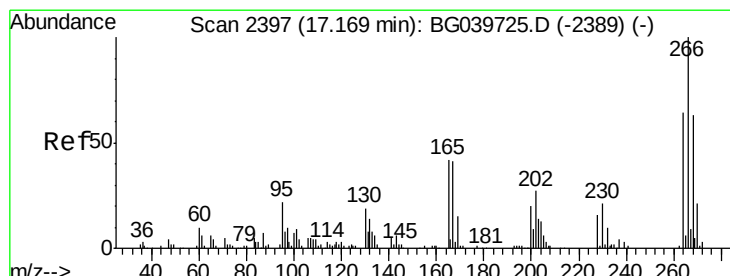
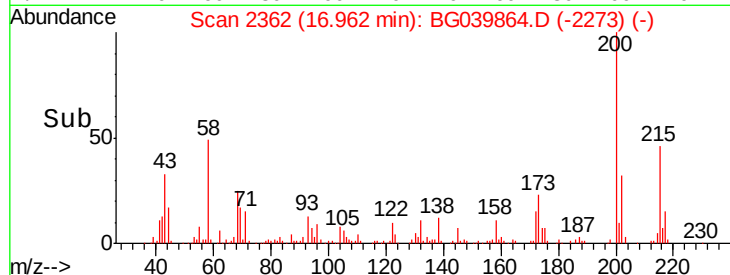
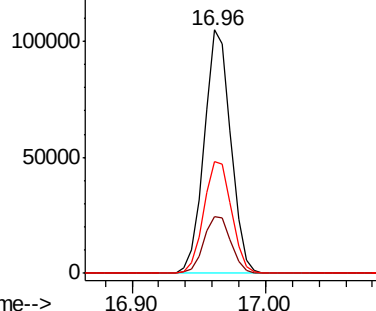


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 76.230 ng
RT: 17.17 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

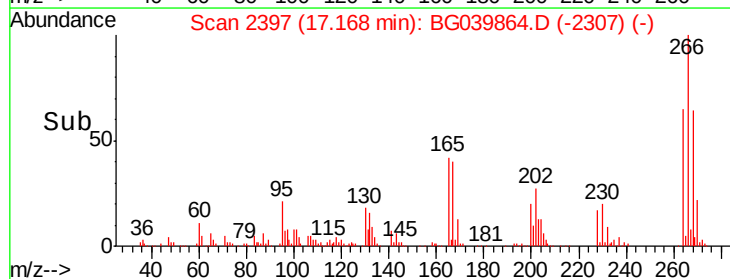
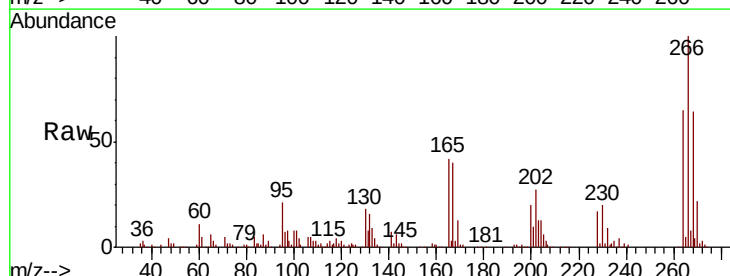
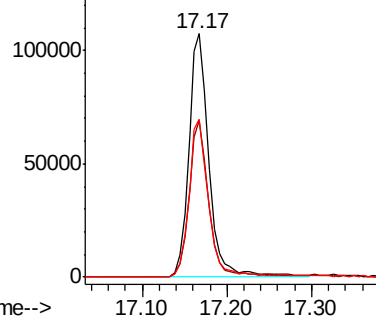
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	51.1	76.7
264	64.7	52.1	78.1

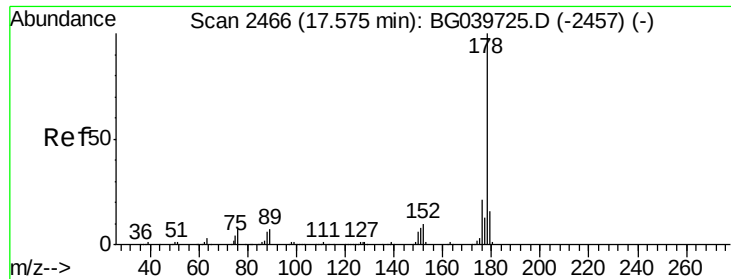
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





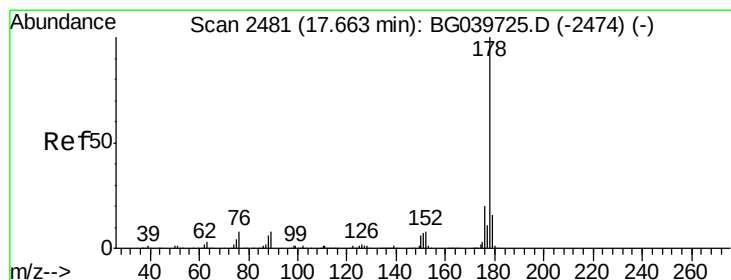
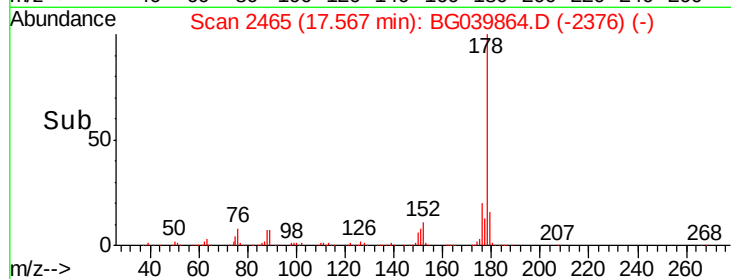
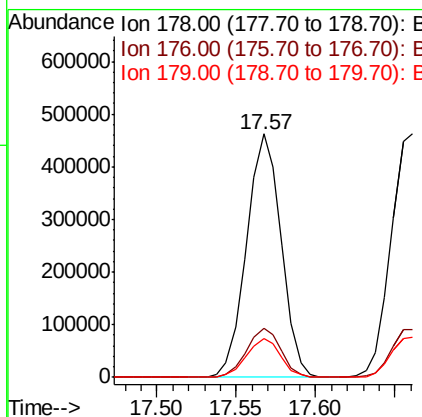
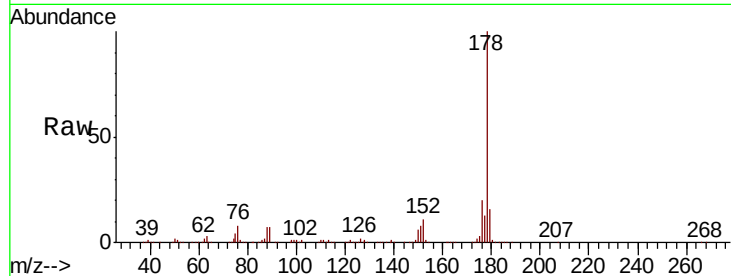
#71
Phenanthrene
Concen: 39.603 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.0	12.6	19.0

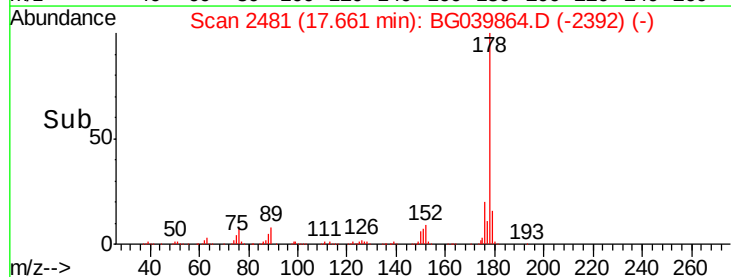
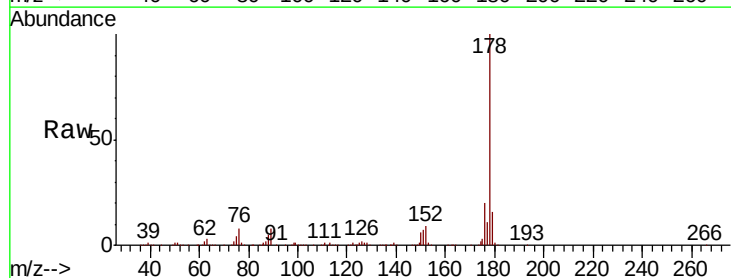
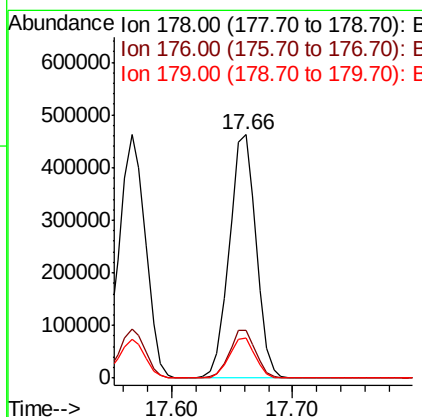
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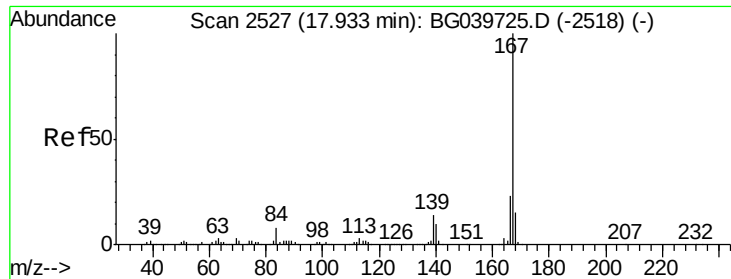
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#72
Anthracene
Concen: 41.180 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	16.5	12.5	18.7





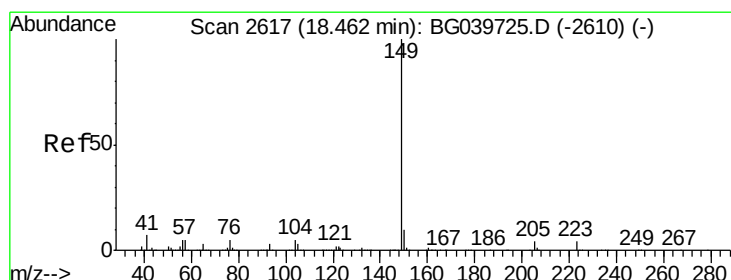
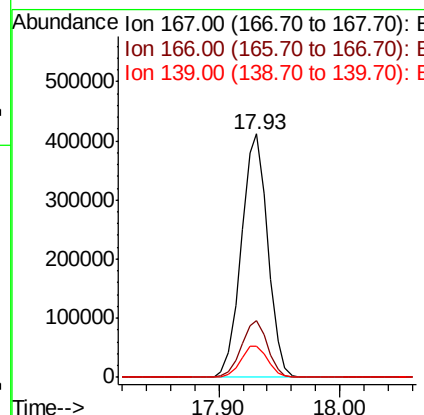
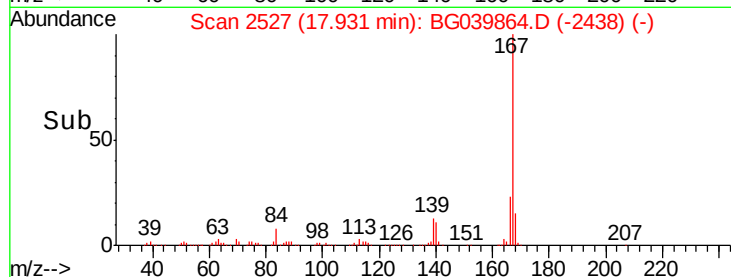
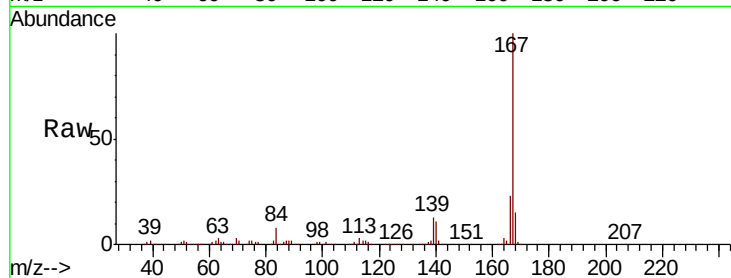
#73
 Carbazole
 Concen: 40.368 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039864.D
 Acq: 12 Mar 2019 6:57

Instrument :
 BNA_G
 ClientSampled :
 PB117792BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.4	29.2
139	13.0	10.8	16.2

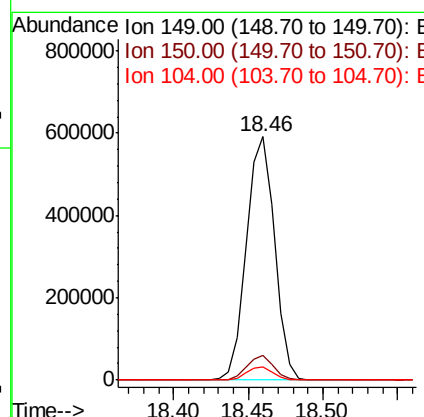
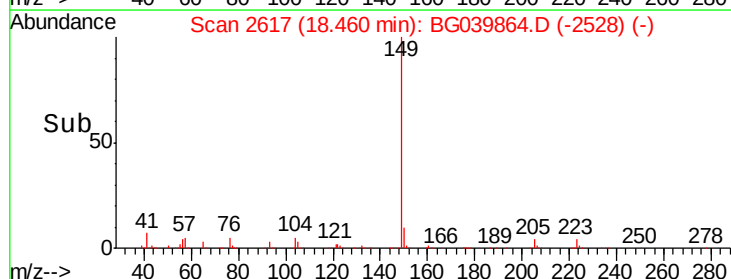
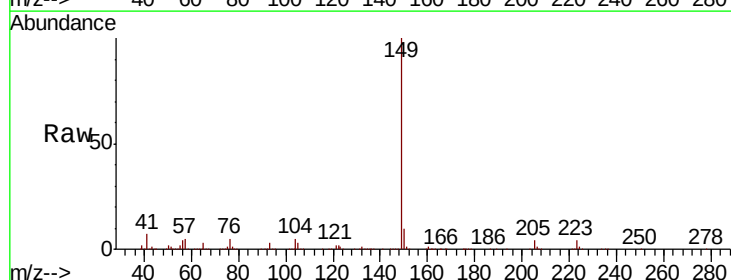
Manual Integrations
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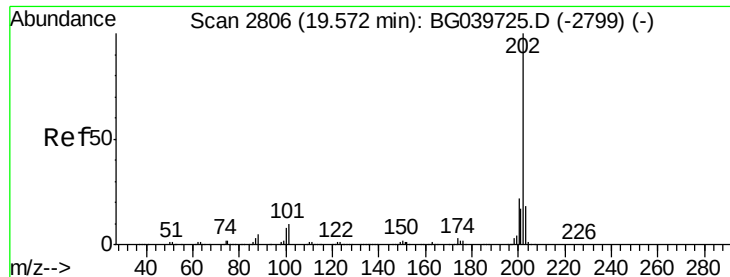
Sohil
 3/12/2019 4:42:35 PM



#74
 Di-n-butylphthalate
 Concen: 42.028 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039864.D
 Acq: 12 Mar 2019 6:57

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





#75

Fluoranthene

Concen: 40.777 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

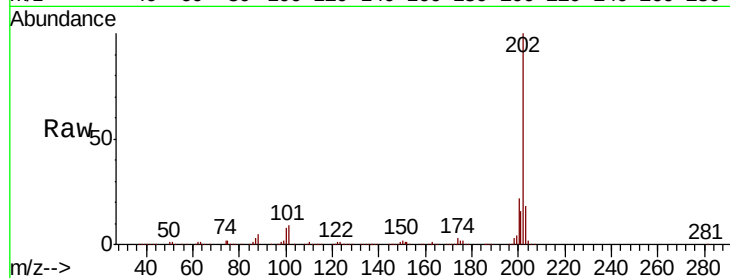
ClientSampleId :

PB117792BS

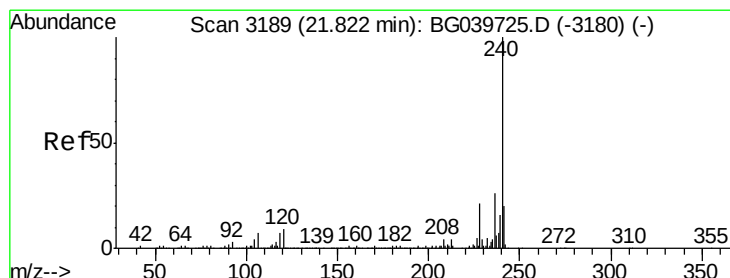
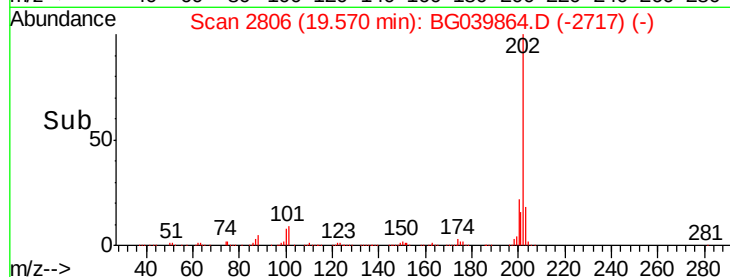
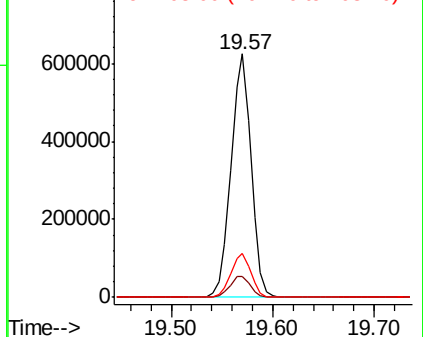
Tot Ion:	202	Resp:	852504
Ion Ratio		Lower	Upper
202	100		
101	8.7	0.0	30.0
203	17.9	0.0	38.9

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

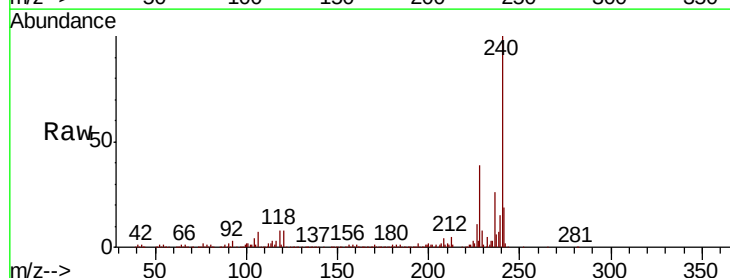
RT: 21.81 min Scan# 3188

Delta R.T. -0.01 min

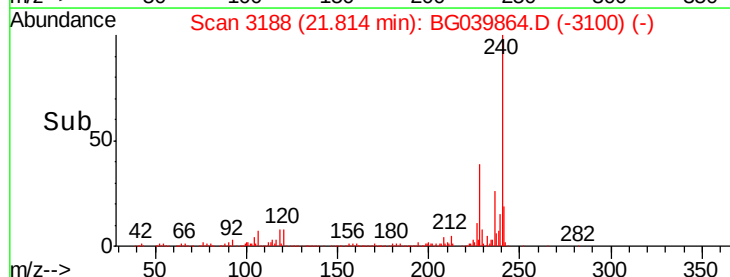
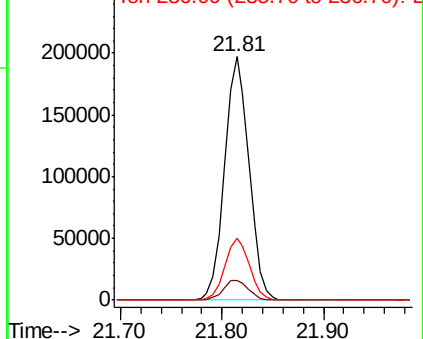
Lab File: BG039864.D

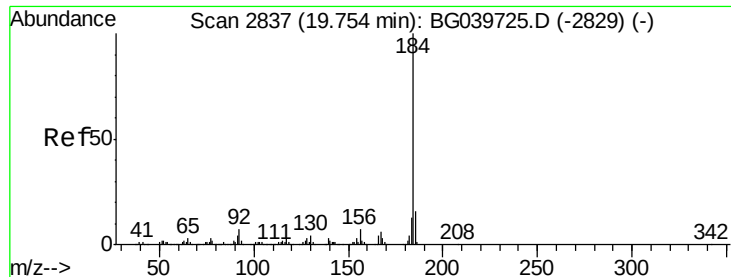
Acq: 12 Mar 2019 6:57

Tgt Ion:	240	Resp:	327469
Ion Ratio		Lower	Upper
240	100		
120	8.1	7.0	10.6
236	25.5	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.124 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

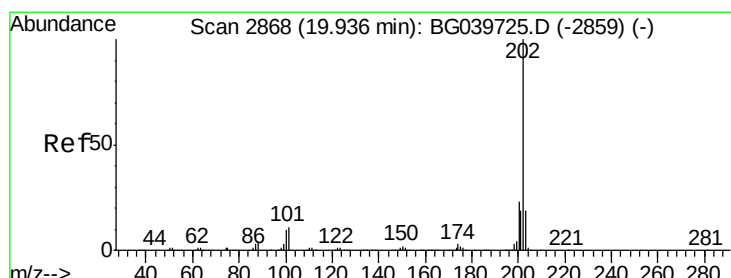
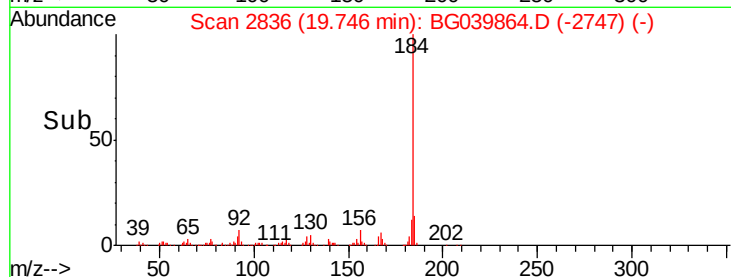
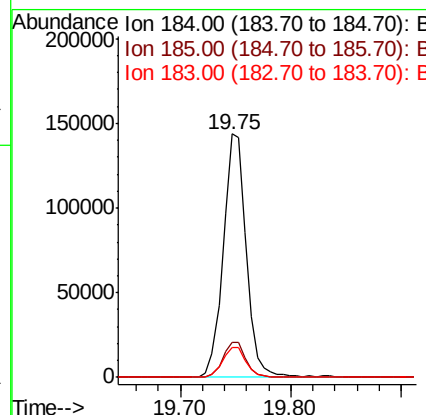
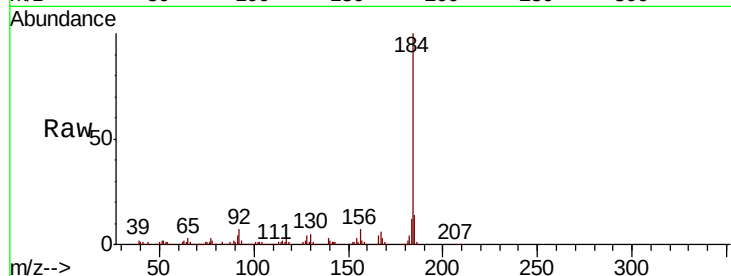
ClientSampleId :

PB117792BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	209118		
185	14.4		12.2	18.2
183	12.5		10.6	15.8

Manual Integrations
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Sohil
3/12/2019 4:42:35 PM



#78

Pyrene

Concen: 40.240 ng

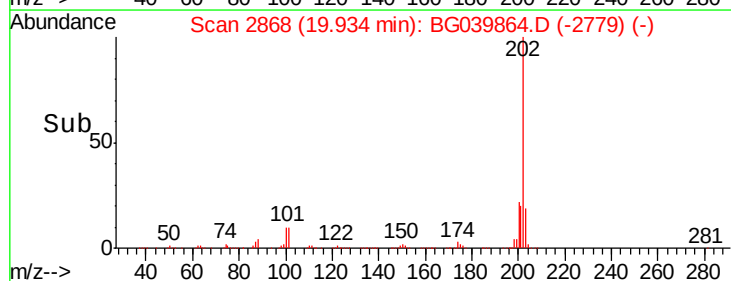
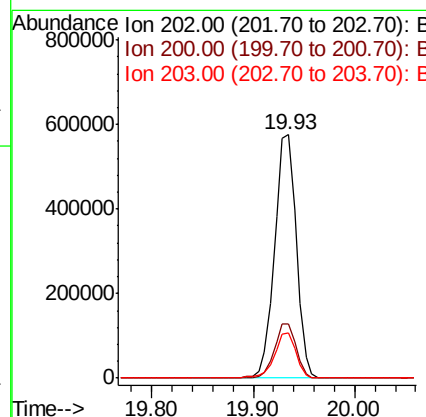
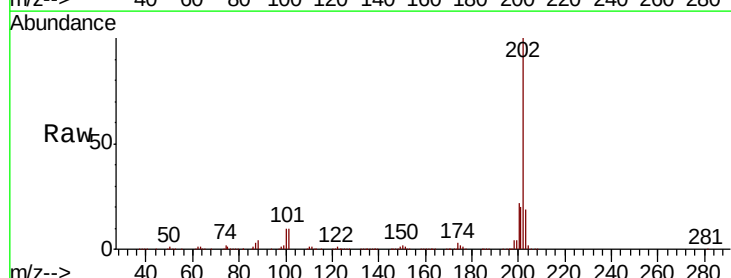
RT: 19.93 min Scan# 2868

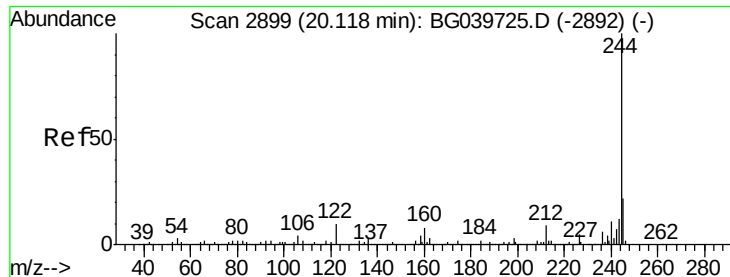
Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	856267		
200	22.0		17.8	26.8
203	18.6		15.3	22.9





#79

Terphenyl-d14

Concen: 80.563 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

ClientSampleId :

PB117792BS

Tot Ion:244 Resp: 1198195

Ion Ratio Lower Upper

244 100

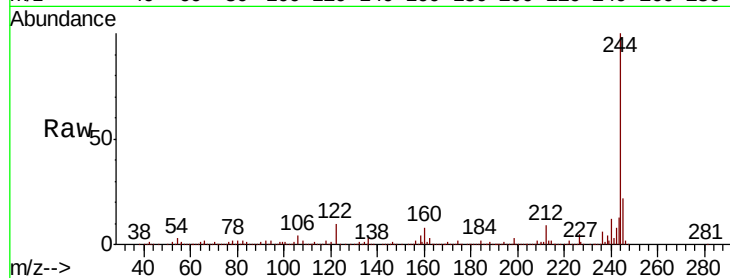
212 9.4 7.3 10.9

122 9.8 8.4 12.6

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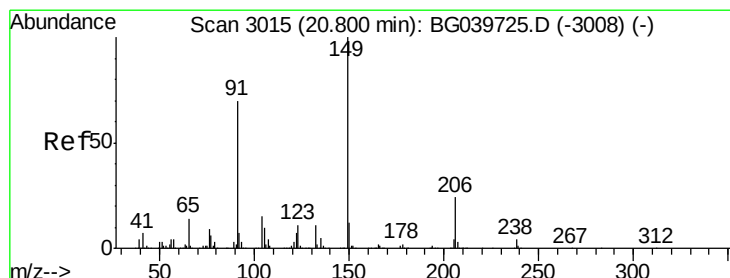
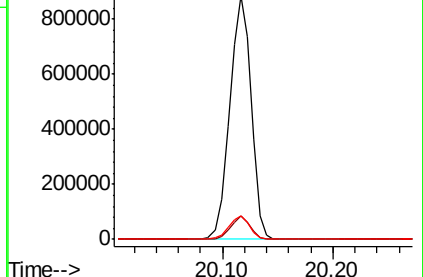
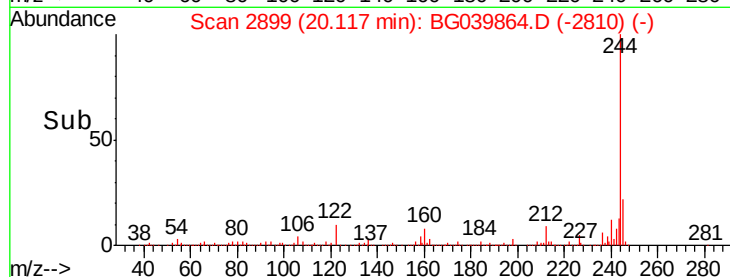
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.310 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

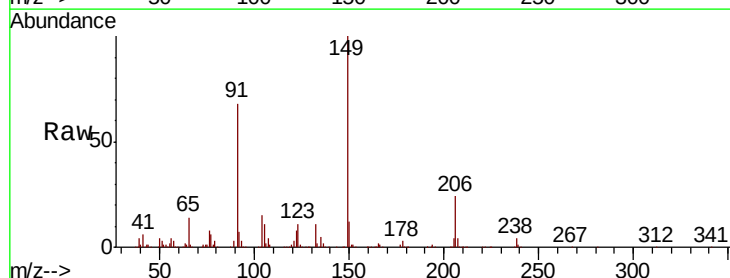
Tgt Ion:149 Resp: 357048

Ion Ratio Lower Upper

149 100

91 68.0 59.5 89.3

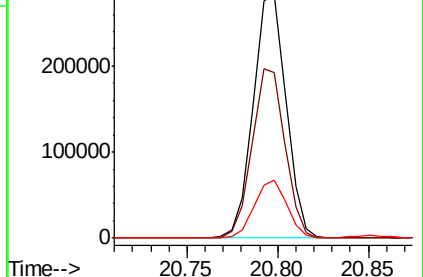
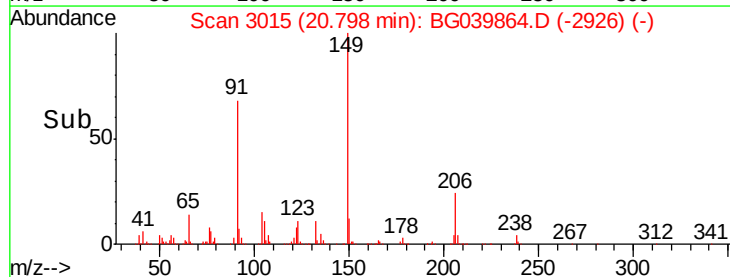
206 23.7 18.6 27.8

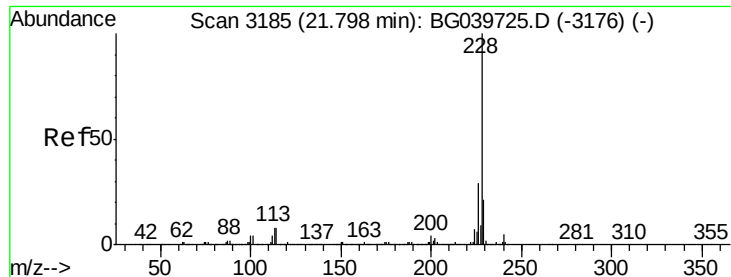


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





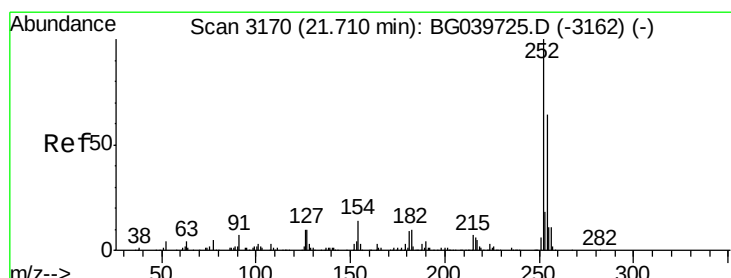
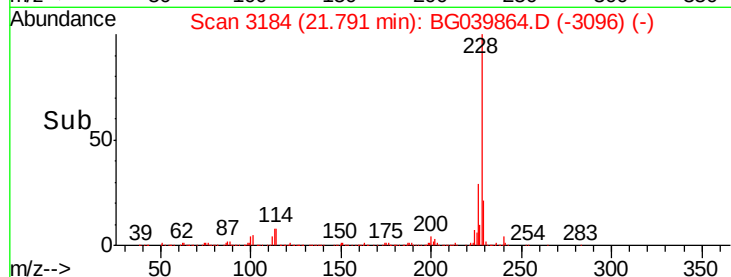
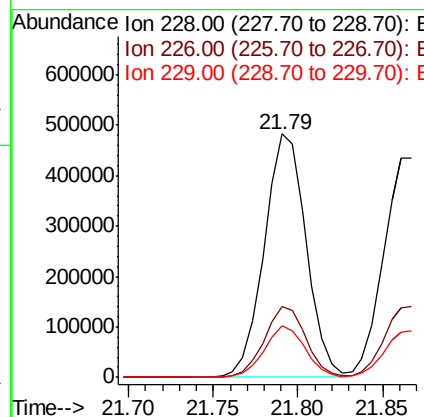
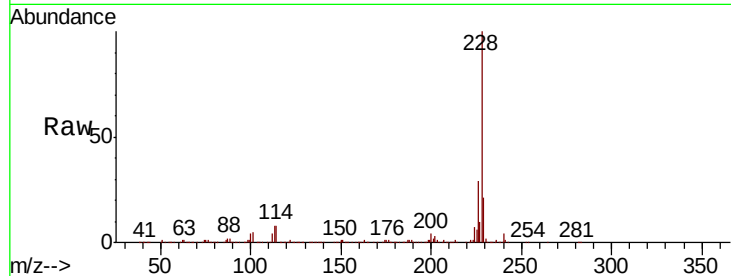
#81
Benzo(a)anthracene
Concen: 40.457 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	21.1	16.9	25.3

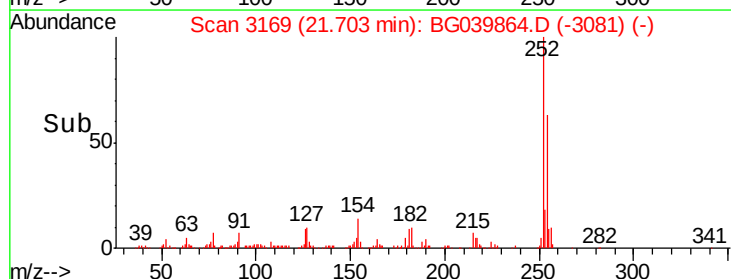
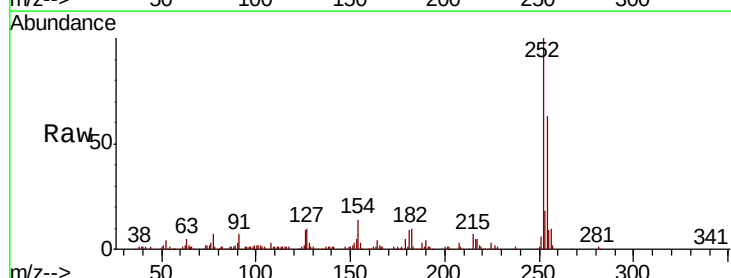
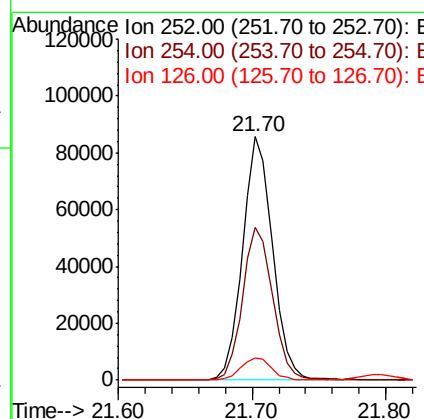
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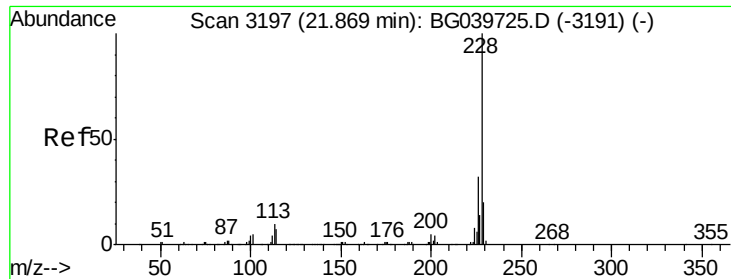
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 17.675 ng
RT: 21.70 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.3	76.9
126	9.1	8.0	12.0





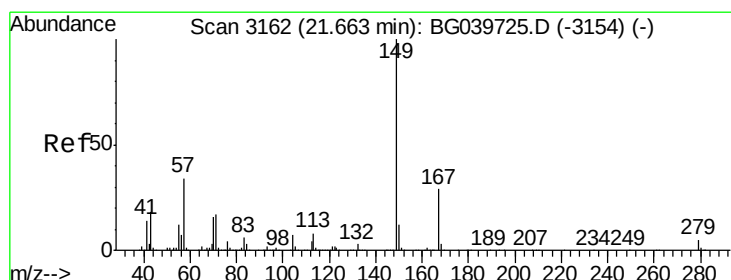
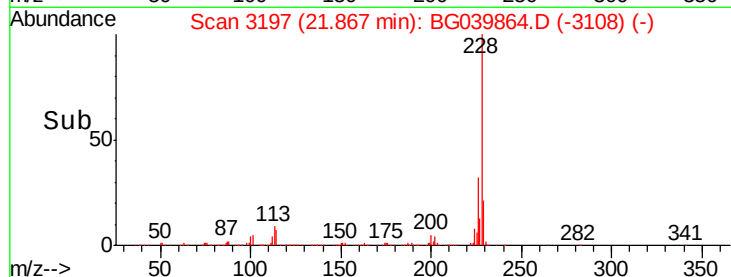
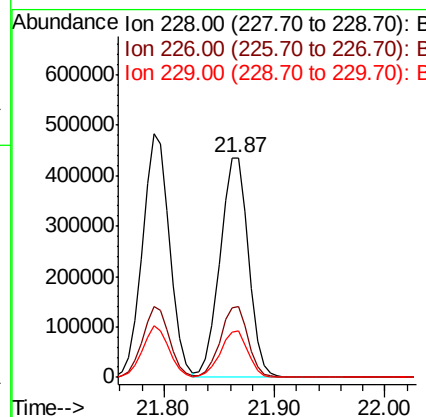
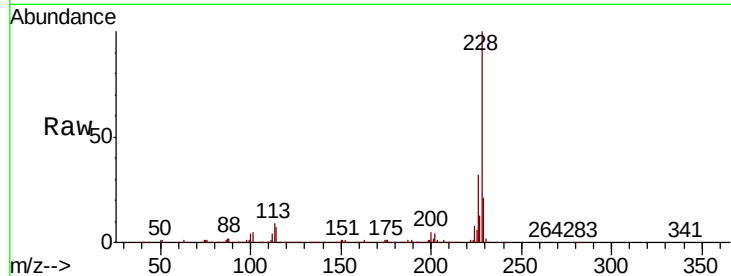
#83
Chrysene
Concen: 39.149 ng
RT: 21.87 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	32.1		25.8	38.6	
229	21.1		16.6	25.0	

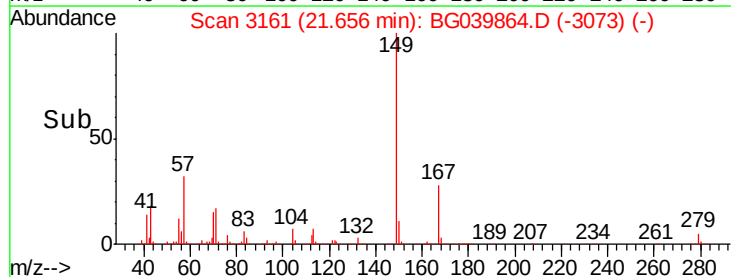
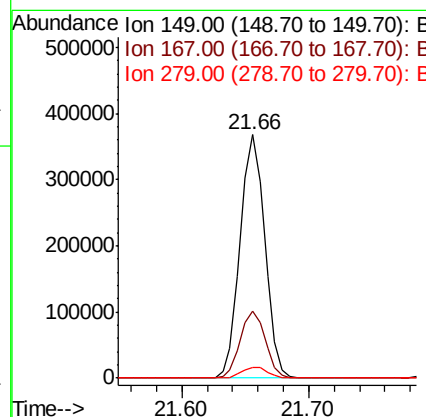
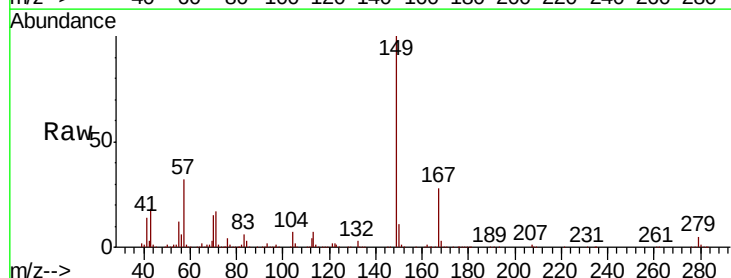
Manual Integrations
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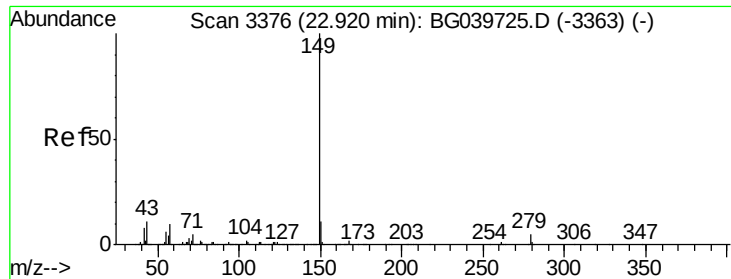
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.838 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	27.7		22.6	34.0	
279	4.6		3.5	5.3	





#85

Di-n-octyl phthalate

Concen: 44.083 ng

RT: 22.91 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

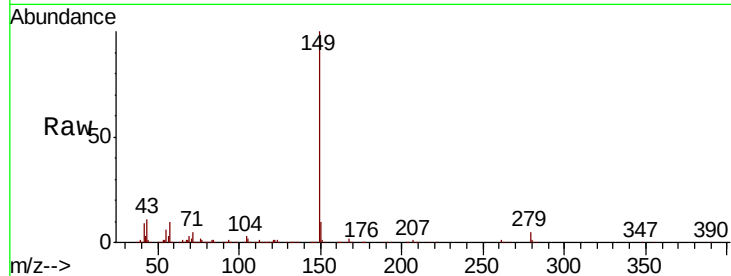
ClientSampleId :

PB117792BS

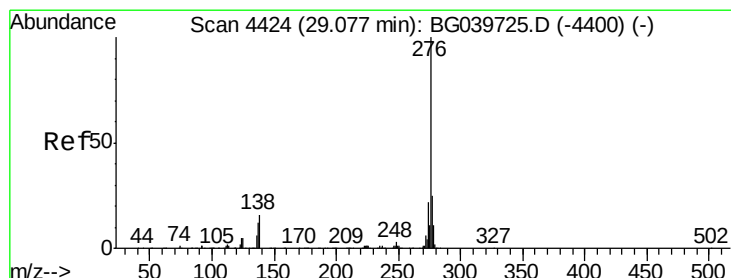
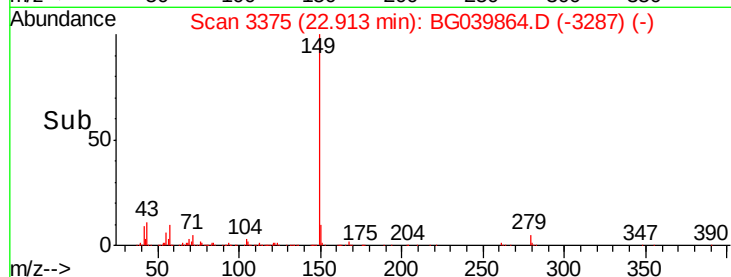
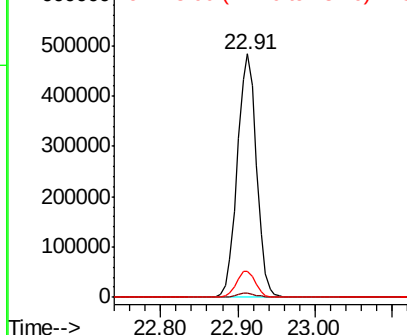
Tot Ion:	149	Resp:	845598
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.0	10.2	15.4

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.756 ng

RT: 29.06 min Scan# 4421

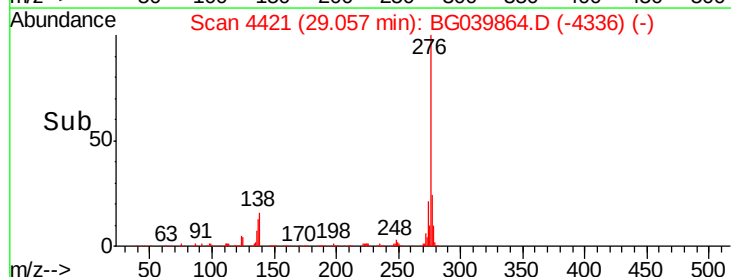
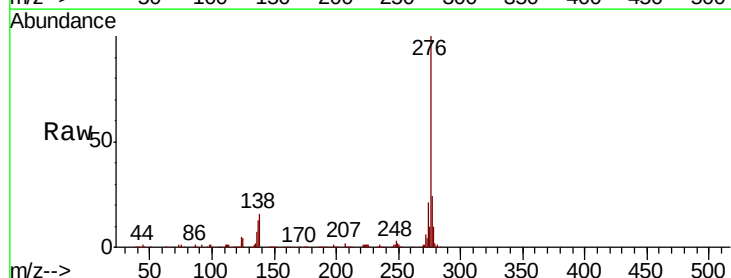
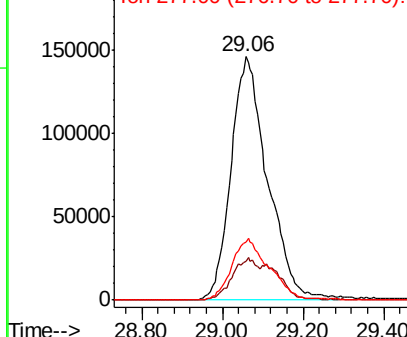
Delta R.T. -0.03 min

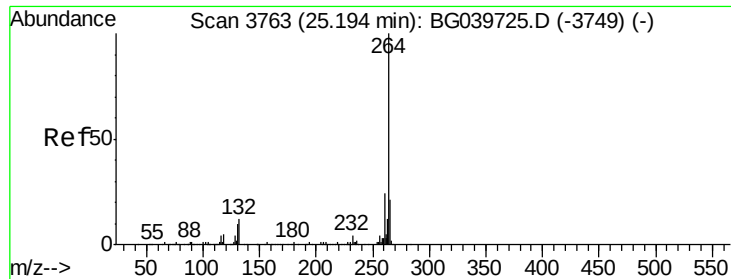
Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Tgt Ion:	276	Resp:	919949
Ion Ratio	Lower	Upper	
276	100		
138	12.0	12.6	19.0#
277	25.7	20.8	31.2

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

Instrument :

BNA_G

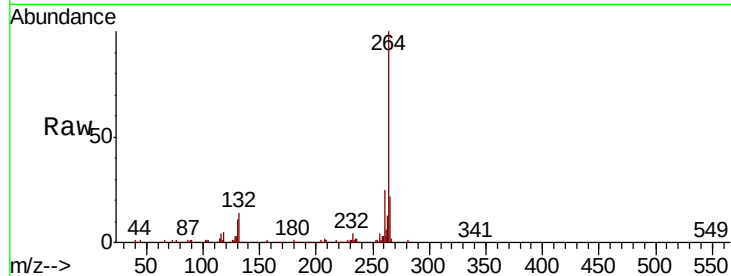
ClientSampleId :

PB117792BS

Tot Ion:	264	Resp:	333545
Ion Ratio	Lower	Upper	
264	100		
260	25.1	18.2	27.4
265	21.7	18.5	27.7

Manual Integrations
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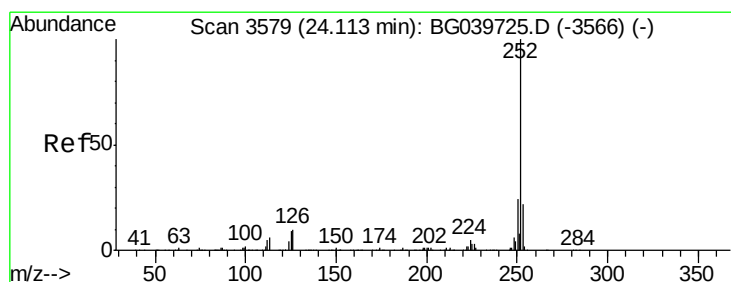
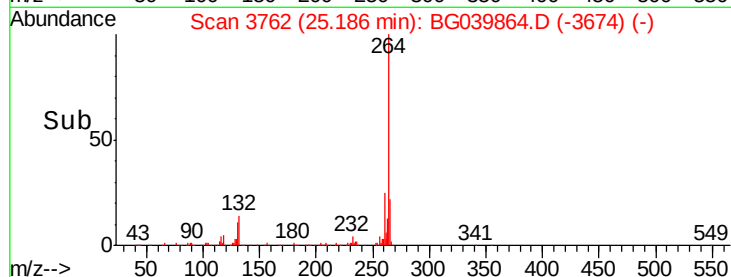
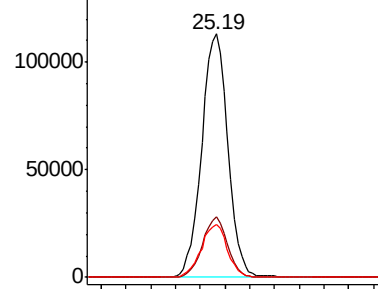


Abundance

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: 41.125 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BG039864.D

Acq: 12 Mar 2019 6:57

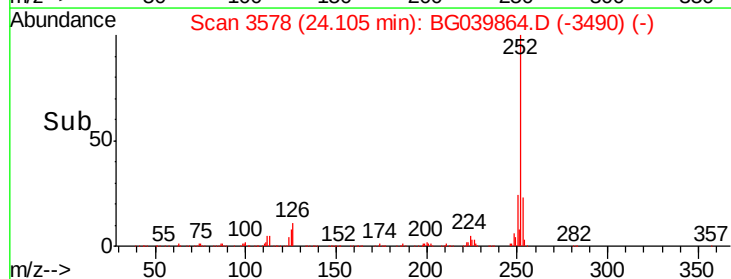
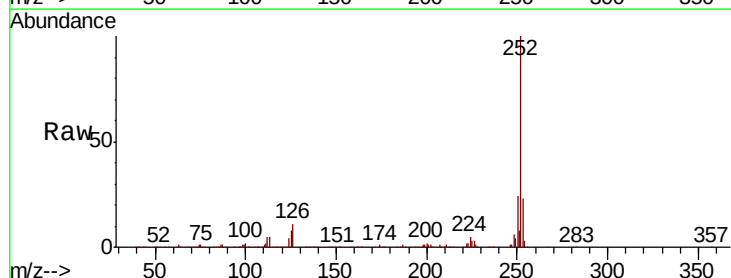
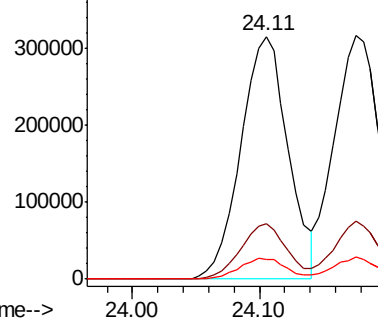
Tgt Ion:	252	Resp:	817977
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	8.3	7.8	11.6

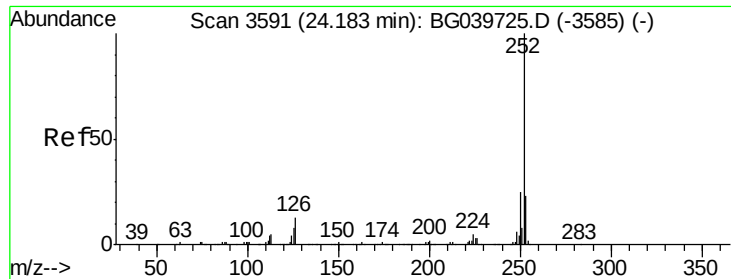
Abundance

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





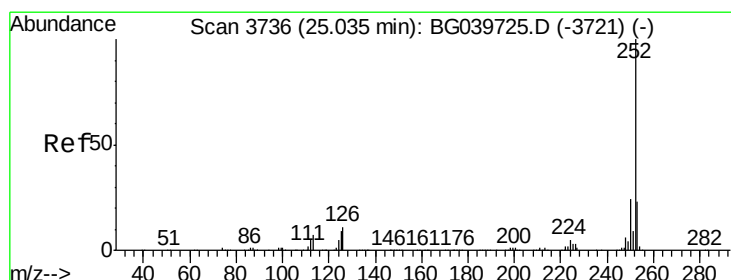
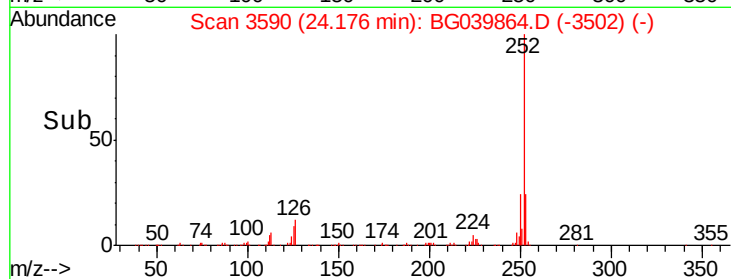
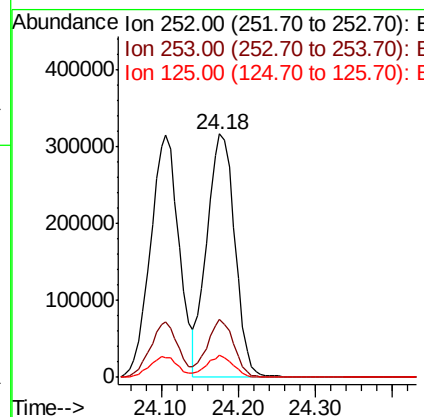
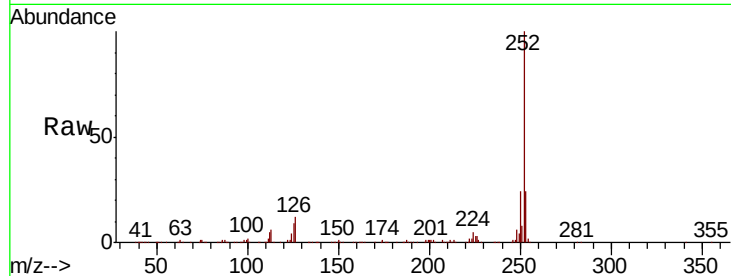
#89
Benzo(k)fluoranthene
Concen: 42.747 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	9.1	7.4	11.2

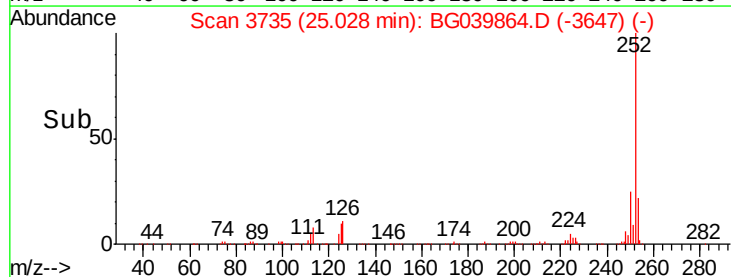
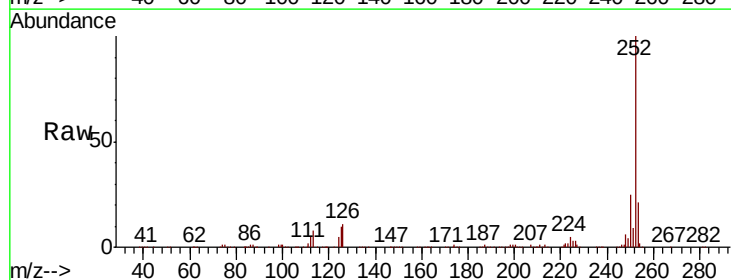
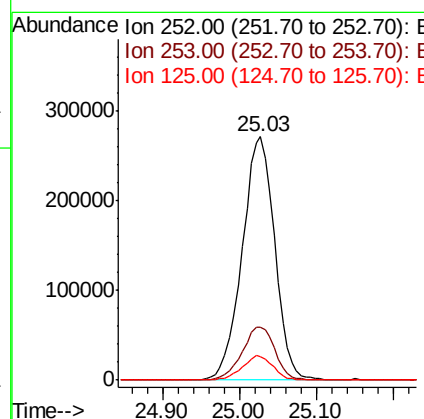
Manual Integrations
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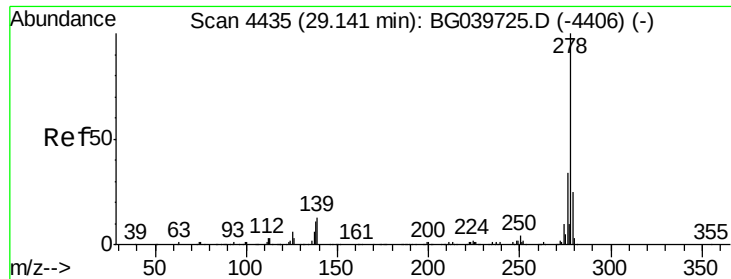
Sohil
3/12/2019 4:42:35 PM



#90
Benzo(a)pyrene
Concen: 43.547 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	9.7	8.3	12.5





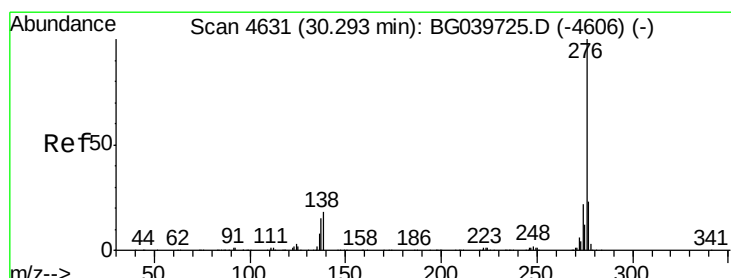
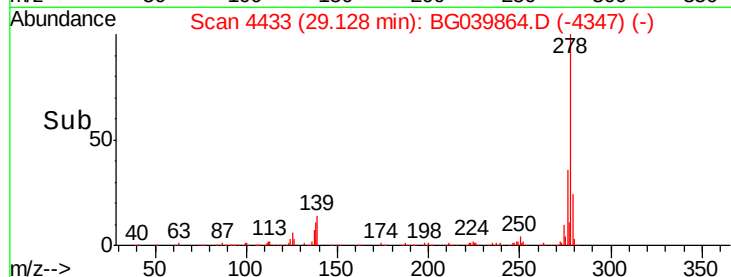
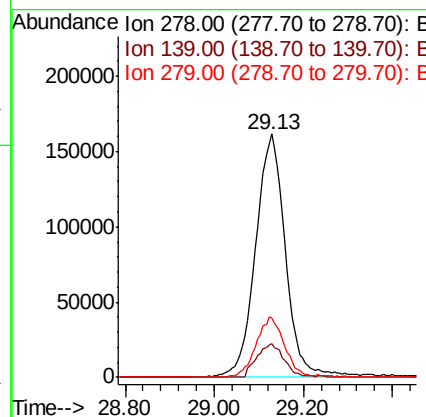
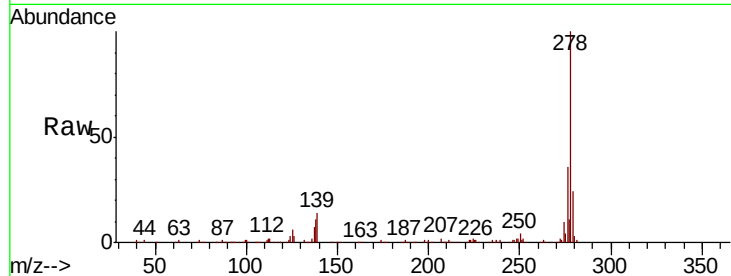
#91
Dibenzo(a,h)anthracene
Concen: 41.176 ng
RT: 29.13 min Scan# 4433
Delta R.T. -0.03 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Instrument :
BNA_G
ClientSampleId :
PB117792BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.7	17.5
279	24.2	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/12/2019 4:42:35 PM



#92
Benzo(g,h,i)perylene
Concen: 41.183 ng
RT: 30.29 min Scan# 4630
Delta R.T. -0.03 min
Lab File: BG039864.D
Acq: 12 Mar 2019 6:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.6	29.4
138	17.2	14.7	22.1

