

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
 Data File : BG039766.D
 Acq On : 5 Mar 2019 16:07
 Operator : JU/SJ
 Sample : PB117619BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BSD

Manual Integrations
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 3/6/2019 12:01:07 PM

Quant Time: Mar 06 00:49:36 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	40928	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	177574	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	126634	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	319344	20.00	ng	0.00
76) Chrysene-d12	21.82	240	326917	20.00	ng	-0.01
87) Perylene-d12	25.19	264	326049	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	344031	143.40	ng	0.00
7) Phenol-d6	7.30	99	492474	137.67	ng	-0.01
23) Nitrobenzene-d5	9.33	82	265427	80.84	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	197758	133.98	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	665282	74.80	ng	-0.01
79) Terphenyl-d14	20.12	244	1153472	77.69	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.59	88	40660	36.711	ng	98
3) Pyridine	3.99	79	102983	34.731	ng	97
4) n-Nitrosodimethylamine	3.91	42	55639	39.554	ng	92
6) Aniline	7.48	93	144716	30.879	ng	100
8) 2-Chlorophenol	7.72	128	127306	43.740	ng	96
9) Benzaldehyde	7.29	77	81356	35.258	ng	94
10) Phenol	7.33	94	173031	44.651	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	118933	39.364	ng	97
12) 1,3-Dichlorobenzene	8.04	146	126567	38.450	ng	98
13) 1,4-Dichlorobenzene	8.19	146	130802	39.012	ng	98
14) 1,2-Dichlorobenzene	8.51	146	126634	39.090	ng	96
15) Benzyl Alcohol	8.39	79	121683	42.883	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	232739	38.515	ng	100
17) 2-Methylphenol	8.59	107	111476	45.115	ng	98
18) Hexachloroethane	9.24	117	45602	37.905	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	100644	39.089	ng	93
20) 3+4-Methylphenols	8.92	107	156442	45.574	ng	96
22) Acetophenone	8.99	105	187696	39.382	ng	# 93
24) Nitrobenzene	9.38	77	145145	42.139	ng	97
25) Isophorone	9.89	82	286028	41.576	ng	97
26) 2-Nitrophenol	10.09	139	70746	42.540	ng	93
27) 2,4-Dimethylphenol	10.13	122	135111	52.238	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	173576	41.518	ng	98
29) 2,4-Dichlorophenol	10.62	162	142131	48.808	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	133611	40.774	ng	99
31) Naphthalene	11.03	128	394620	41.973	ng	98
32) Benzoic acid	10.26	122	77712	44.342	ng	97
33) 4-Chloroaniline	11.14	127	93010	23.330	ng	97
34) Hexachlorobutadiene	11.29	225	87838	39.227	ng	98
35) Caprolactam	11.92	113	51835m	46.598	ng	
36) 4-Chloro-3-methylphenol	12.24	107	151274	45.316	ng	96
37) 2-Methylnaphthalene	12.62	142	301011	42.824	ng	98
38) 1-Methylnaphthalene	12.84	142	289304	42.352	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	169196	39.439	ng	99

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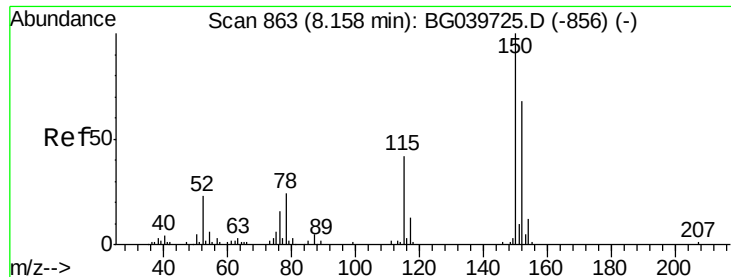
Manual Integrations
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 3/6/2019 12:01:07 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	223847	97.365	ng	96
43) 2,4,6-Trichlorophenol	13.22	196	117108	46.626	ng	100
44) 2,4,5-Trichlorophenol	13.29	196	127894	45.175	ng	98
46) 1,1'-Biphenyl	13.62	154	417579	40.092	ng	99
47) 2-Chloronaphthalene	13.67	162	322705	41.185	ng	99
48) 2-Nitroaniline	13.87	65	113849	45.213	ng	97
49) Acenaphthylene	14.51	152	522820	40.646	ng	99
50) Dimethylphthalate	14.23	163	440163	41.568	ng	100
51) 2,6-Dinitrotoluene	14.36	165	97870	43.598	ng	91
52) Acenaphthene	14.85	154	318929	41.196	ng	99
53) 3-Nitroaniline	14.70	138	62418	27.661	ng	# 90
54) 2,4-Dinitrophenol	14.90	184	98891	70.521	ng	98
55) Dibenzofuran	15.18	168	519903	40.931	ng	97
56) 4-Nitrophenol	14.99	139	172948	85.677	ng	90
57) 2,4-Dinitrotoluene	15.14	165	140848	44.654	ng	87
58) Fluorene	15.83	166	414107	41.471	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	126774	45.852	ng	98
60) Diethylphthalate	15.58	149	449161	42.849	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	219441	41.183	ng	97
62) 4-Nitroaniline	15.86	138	105256	43.026	ng	90
63) Azobenzene	16.11	77	400232	42.121	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	78830	41.749	ng	94
66) n-Nitrosodiphenylamine	16.03	169	387066	41.867	ng	96
67) 4-Bromophenyl-phenylether	16.71	248	145686	40.757	ng	96
68) Hexachlorobenzene	16.82	284	148758	40.148	ng	95
69) Atrazine	16.97	200	156224	42.936	ng	98
70) Pentachlorophenol	17.17	266	191910	82.011	ng	99
71) Phenanthrene	17.57	178	710617	40.399	ng	99
72) Anthracene	17.66	178	726434	42.380	ng	98
73) Carbazole	17.93	167	637362	41.246	ng	99
74) Di-n-butylphthalate	18.46	149	780532	42.930	ng	99
75) Fluoranthene	19.57	202	864336	41.578	ng	99
77) Benzidine	19.75	184	398942	38.456	ng	98
78) Pyrene	19.94	202	862365	40.595	ng	99
80) Butylbenzylphthalate	20.80	149	363122	44.121	ng	94
81) Benzo(a)anthracene	21.80	228	811430	39.604	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	177012	23.664	ng	99
83) Chrysene	21.87	228	790840	39.814	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	499725	43.209	ng	100
85) Di-n-octyl phthalate	22.92	149	859998	44.909	ng	96
86) Indeno(1,2,3-cd)pyrene	29.08	276	941065	41.762	ng	99
88) Benzo(b)fluoranthene	24.11	252	831306	42.756	ng	99
89) Benzo(k)fluoranthene	24.18	252	784394	43.340	ng	97
90) Benzo(a)pyrene	25.03	252	803875	44.743	ng	98
91) Dibenzo(a,h)anthracene	29.14	278	768595	43.637	ng	98
92) Benzo(g,h,i)perylene	30.30	276	781593	44.184	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

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PB117619BSD

Tot Ion:152 Resp: 40928

Ion Ratio Lower Upper

152 100

150 154.1 123.7 185.5

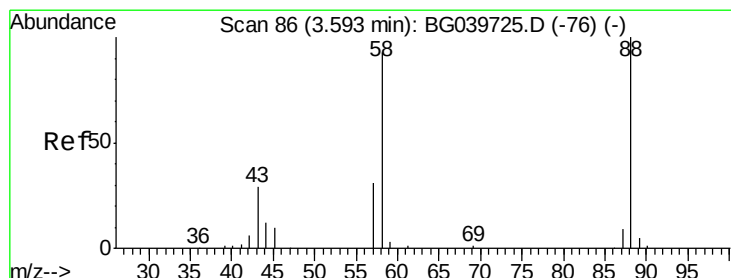
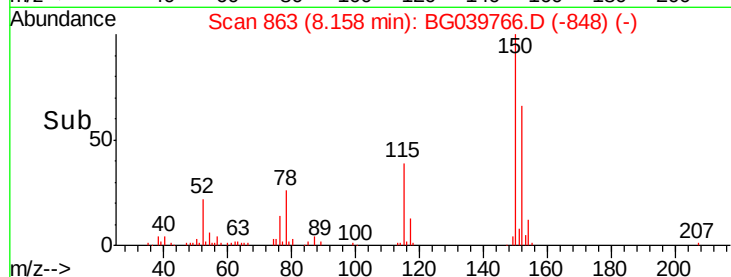
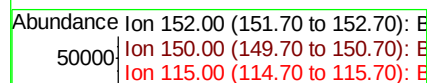
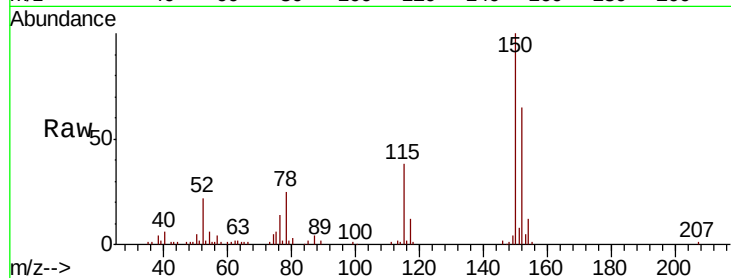
115 58.9 45.9 68.9

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#2

1,4-Dioxane

Concen: 36.711 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

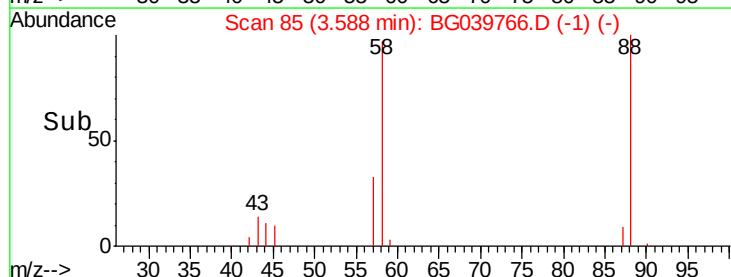
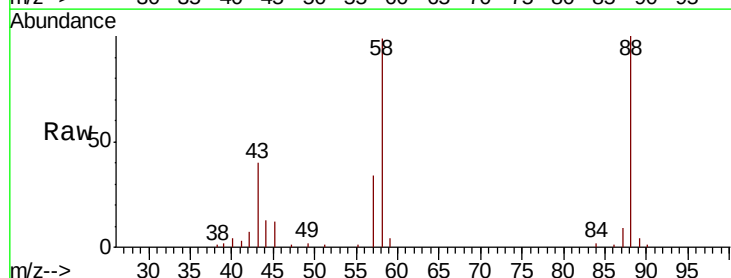
Tgt Ion: 88 Resp: 40660

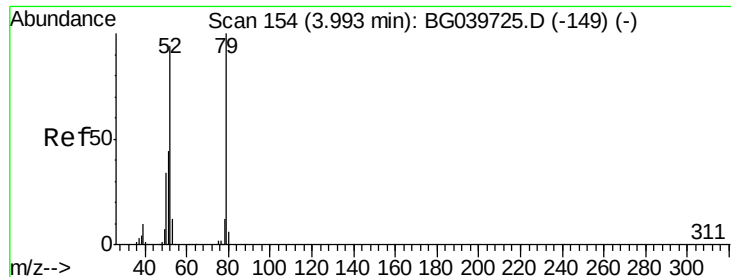
Ion Ratio Lower Upper

88 100

58 101.8 81.1 121.7

43 36.5 31.4 47.0





#3

Pvridine

Concen: 34.731 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Instrument :

BNA_G

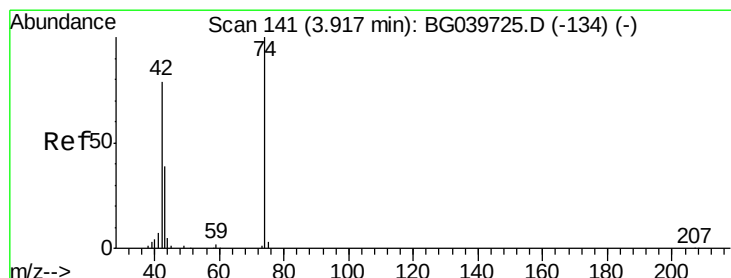
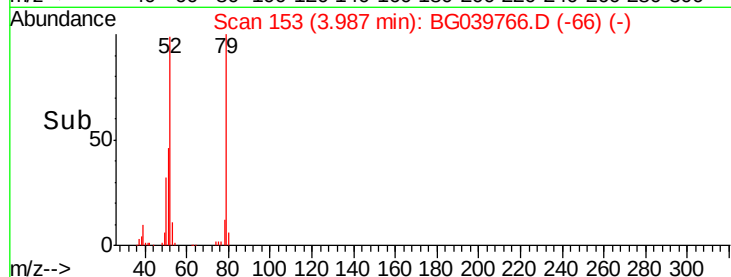
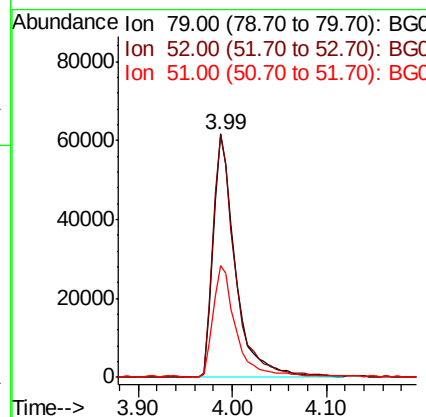
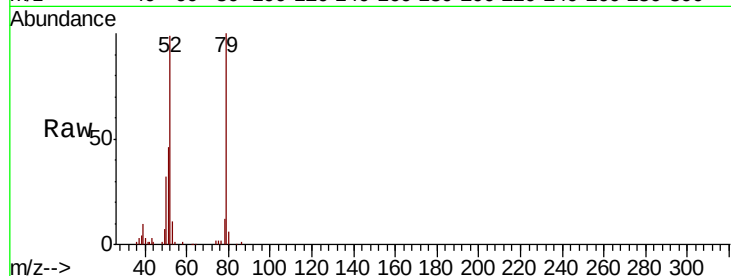
ClientSampleId :

PB117619BSD

Tot Ion:	79	Resp:	102983
Ion Ratio	Lower	Upper	
79	100		
52	99.3	82.6	124.0
51	46.0	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 39.554 ng

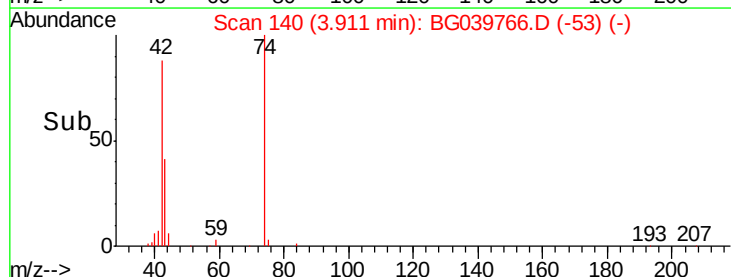
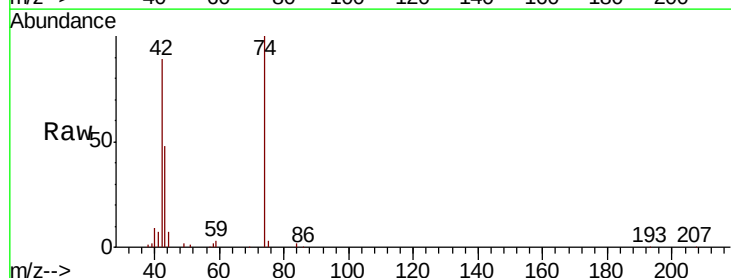
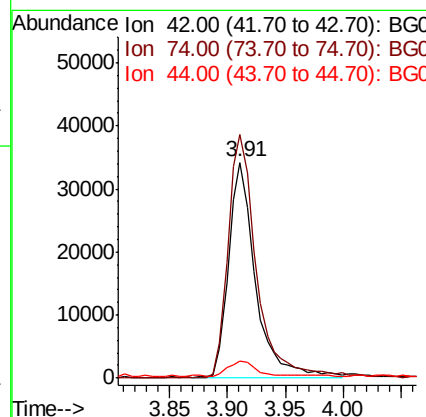
RT: 3.91 min Scan# 140

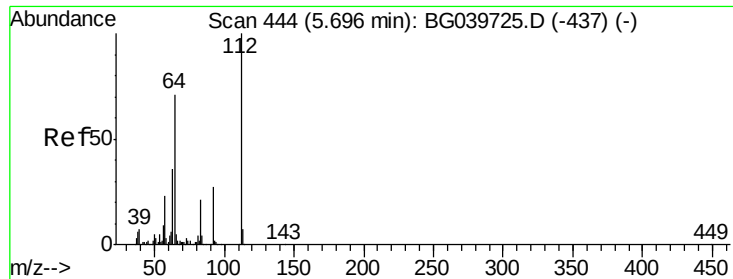
Delta R.T. -0.02 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Tgt Ion:	42	Resp:	55639
Ion Ratio	Lower	Upper	
42	100		
74	112.8	83.6	125.4
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 143.403 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Instrument :

BNA_G

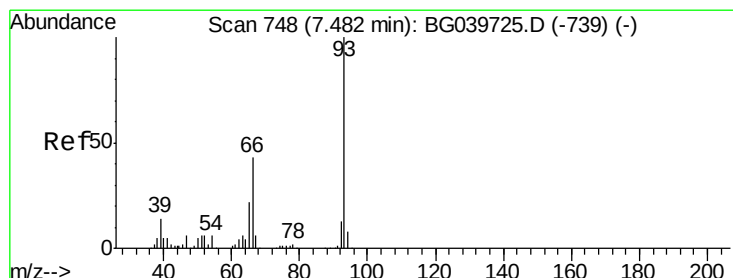
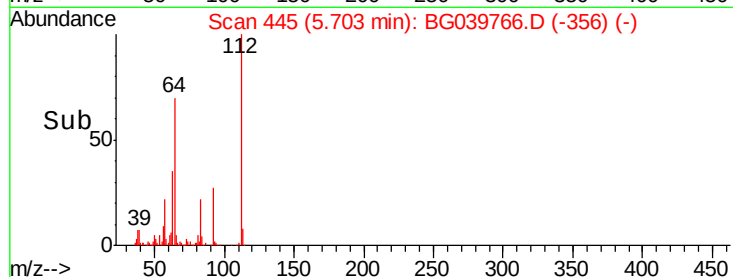
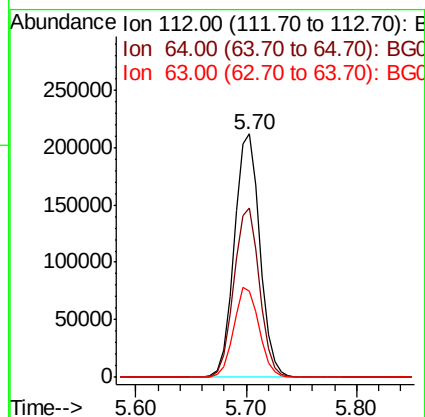
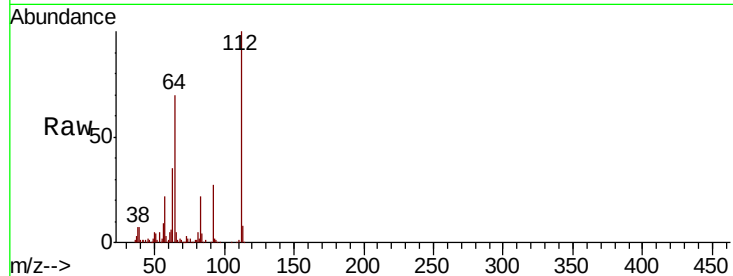
ClientSampled :

PB117619BSD

Tot Ion:	112	Resp:	344031
Ion Ratio	Lower	Upper	
112	100		
64	69.6	57.8	86.8
63	35.1	29.8	44.6

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#6

Aniline

Concen: 30.879 ng

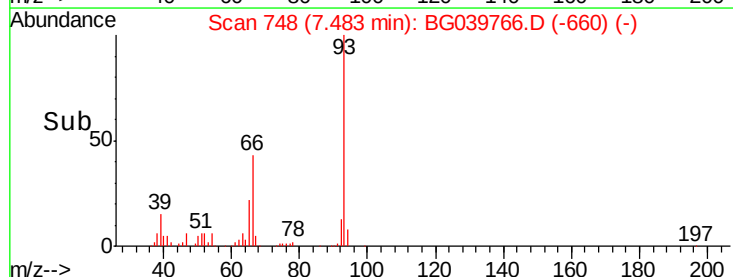
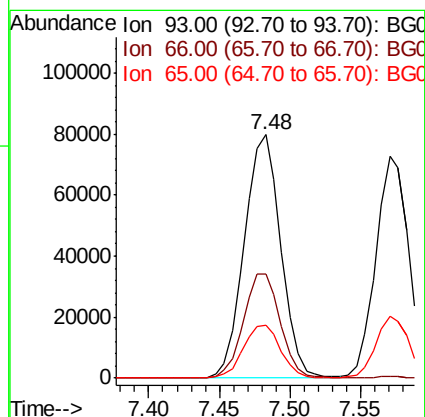
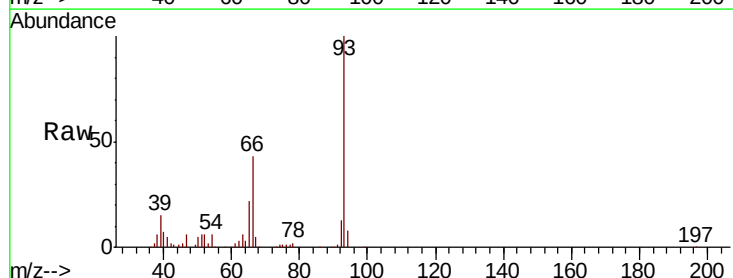
RT: 7.48 min Scan# 748

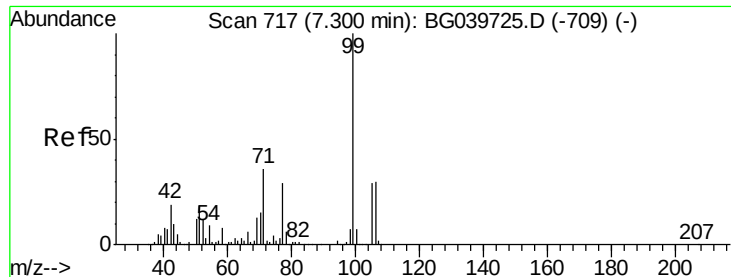
Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Tgt Ion:	93	Resp:	144716
Ion Ratio	Lower	Upper	
93	100		
66	42.8	34.2	51.4
65	21.6	17.7	26.5





#7

Phenol-d6

Concen: 137.673 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Instrument :

BNA_G

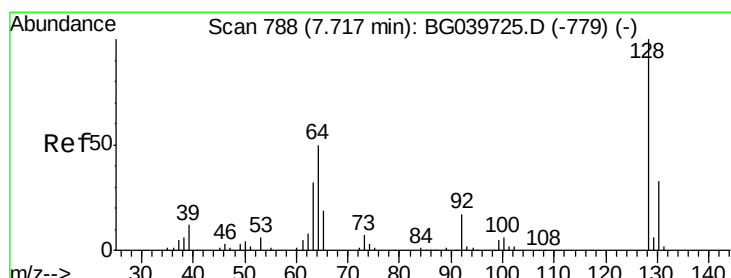
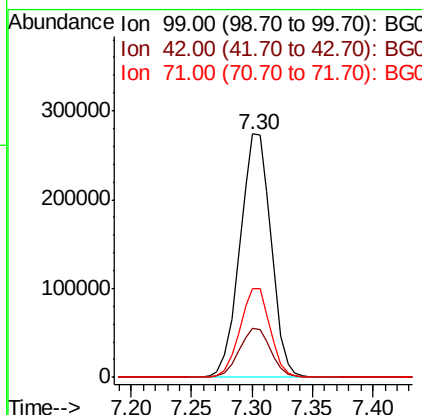
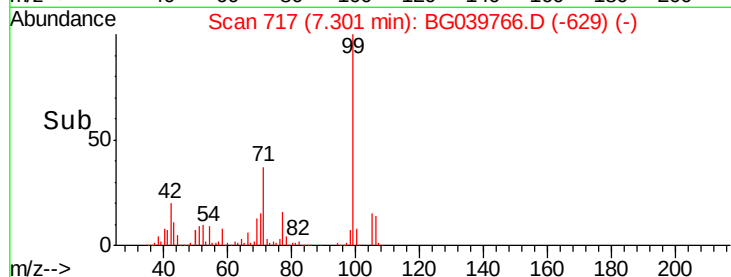
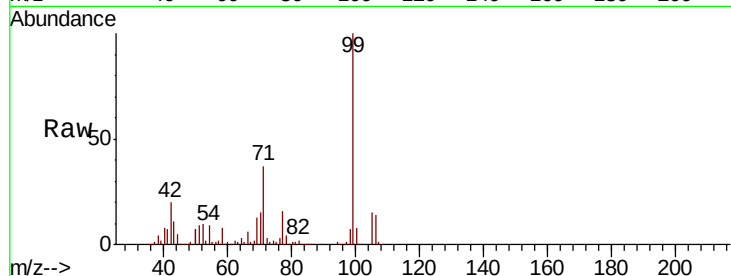
ClientSampleId :

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Tot Ion:	99	Resp:	492474
Ion Ratio	Lower	Upper	
99	100		
42	19.9	18.2	27.2
71	36.5	28.0	42.0

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#8

2-Chlorophenol

Concen: 43.740 ng

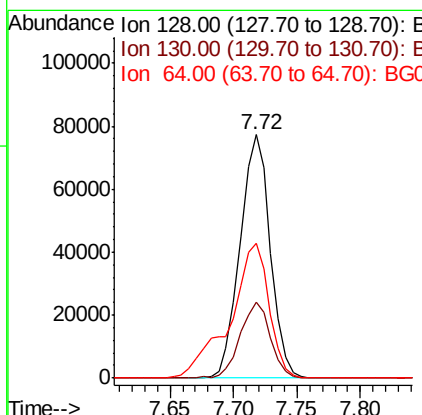
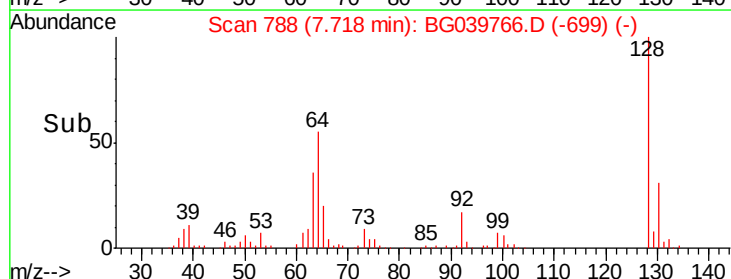
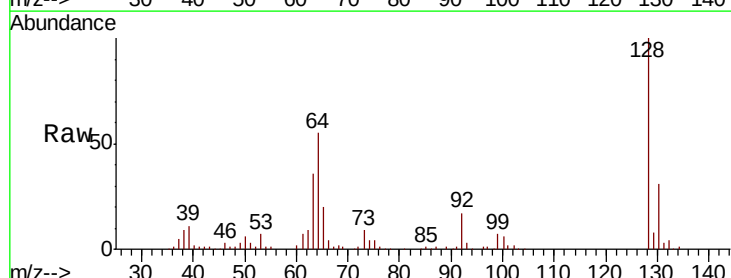
RT: 7.72 min Scan# 788

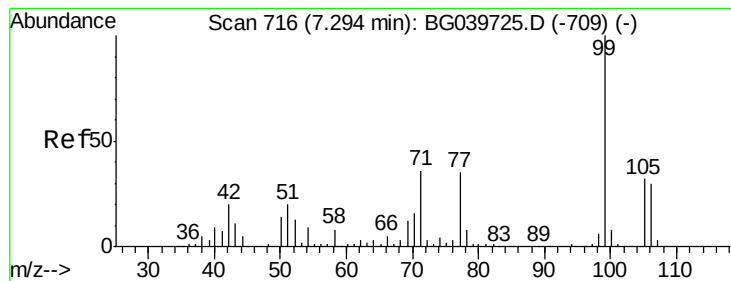
Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Tgt Ion:	128	Resp:	127306
Ion Ratio	Lower	Upper	
128	100		
130	31.4	12.9	52.9
64	55.3	38.7	78.7





#9

Benzaldehyde

Concen: 35.258 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Instrument :

BNA_G

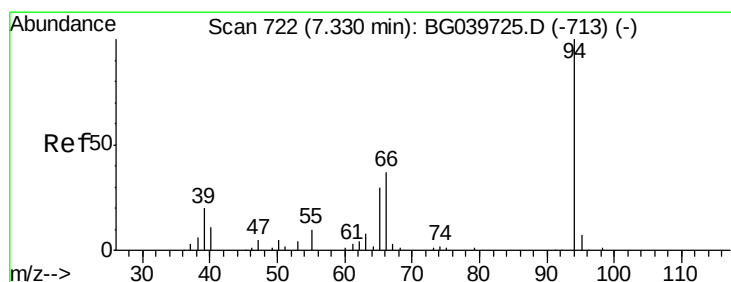
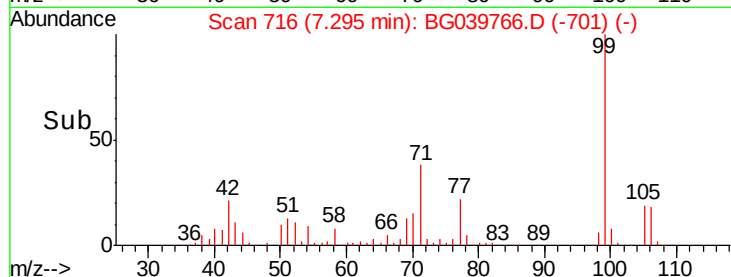
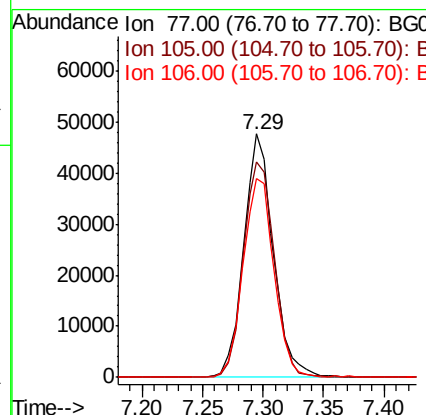
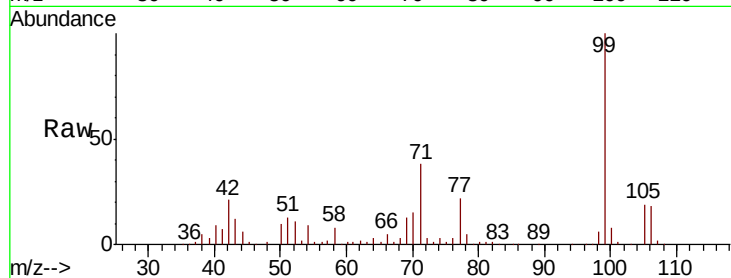
ClientSampleId :

PB117619BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.4	74.5	114.5
106	81.9	68.0	108.0

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#10

Phenol

Concen: 44.651 ng

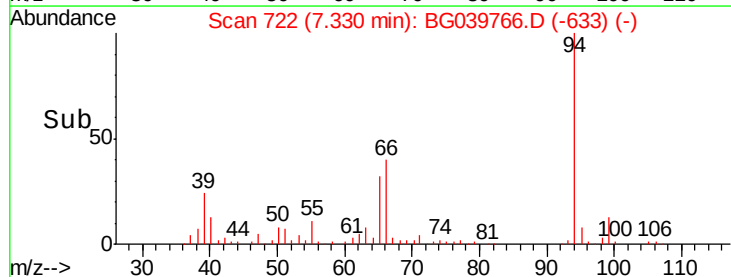
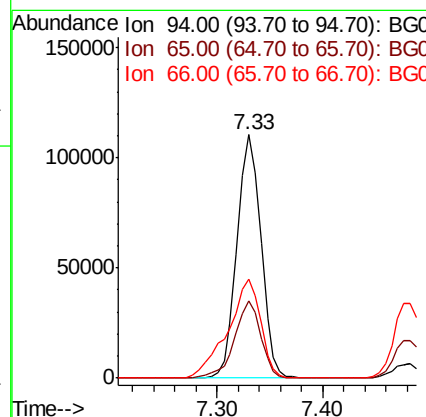
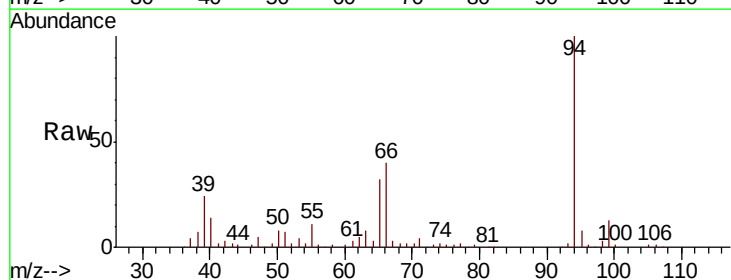
RT: 7.33 min Scan# 722

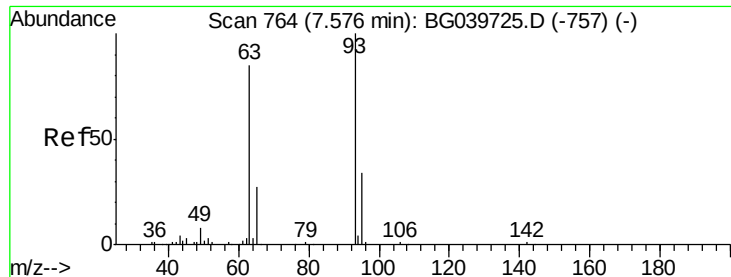
Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.5	11.7	51.7
66	40.4	23.7	63.7





#11

bis(2-Chloroethyl)ether

Concen: 39.364 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Instrument :

BNA_G

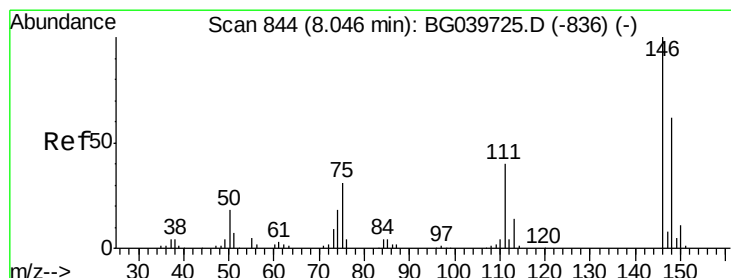
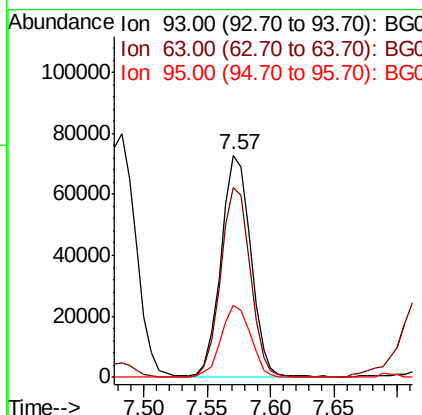
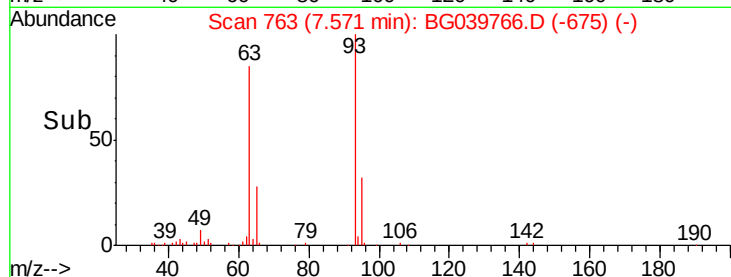
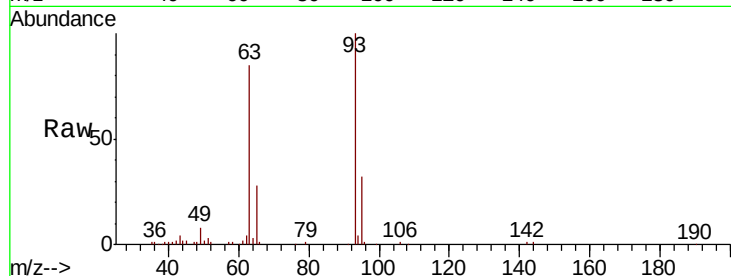
ClientSampled :

PB117619BSD

Tot Ion:	93	Resp:	118933
Ion	Ratio	Lower	Upper
93	100		
63	85.4	69.5	109.5
95	32.4	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 38.450 ng

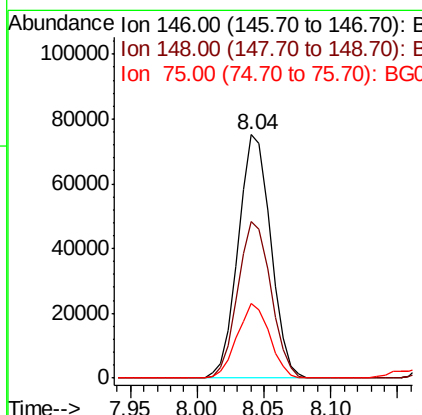
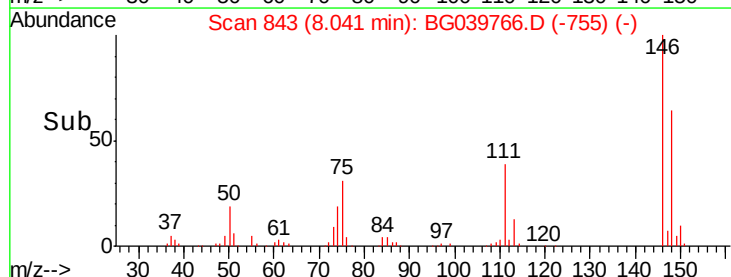
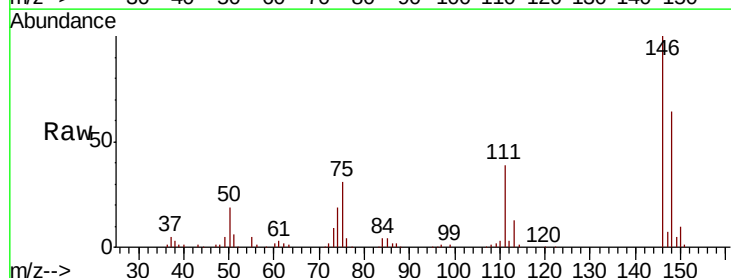
RT: 8.04 min Scan# 843

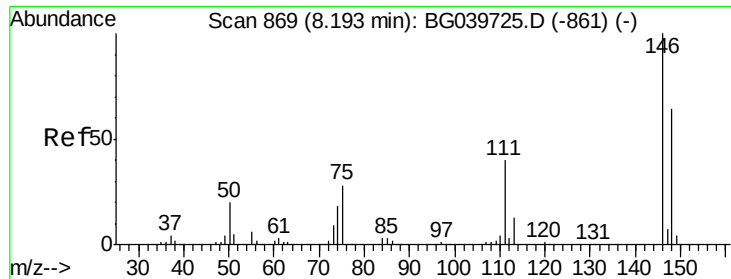
Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Tgt Ion:	146	Resp:	126567
Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.6	79.0
75	30.6	25.8	38.6





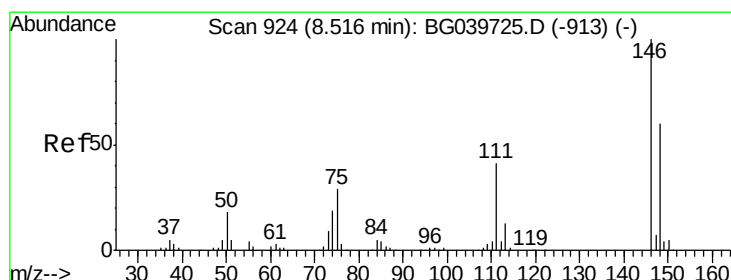
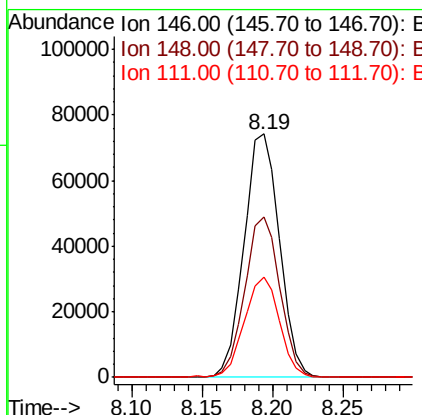
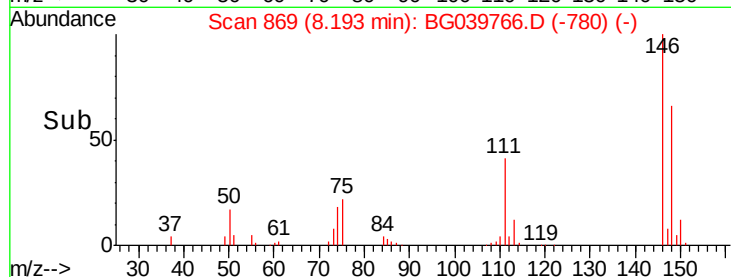
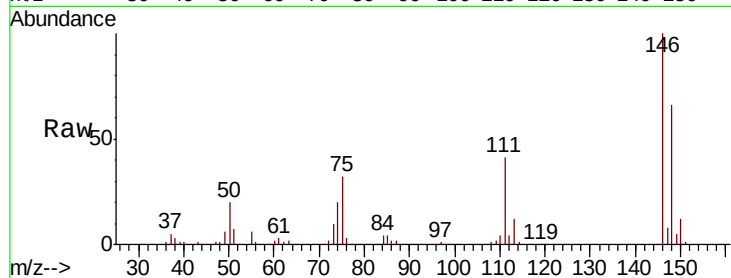
#13
 1,4-Dichlorobenzene
 Concen: 39.012 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039766.D
 Acq: 5 Mar 2019 16:07

Instrument :
 BNA_G
 ClientSampleID :
 PB117619BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.1	76.7
111	41.0	32.6	48.8

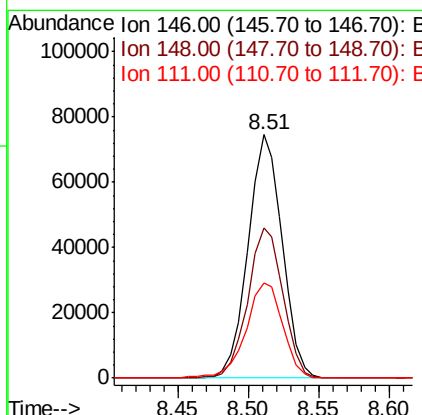
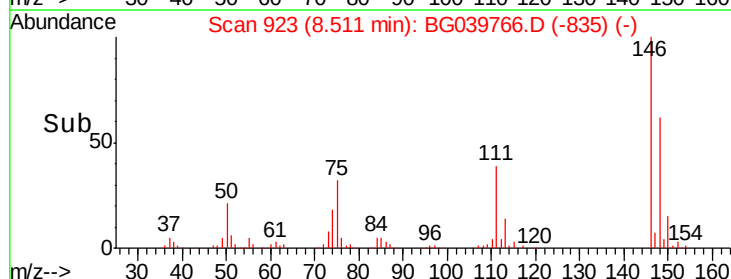
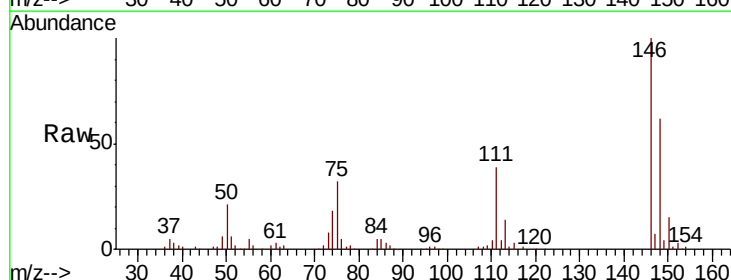
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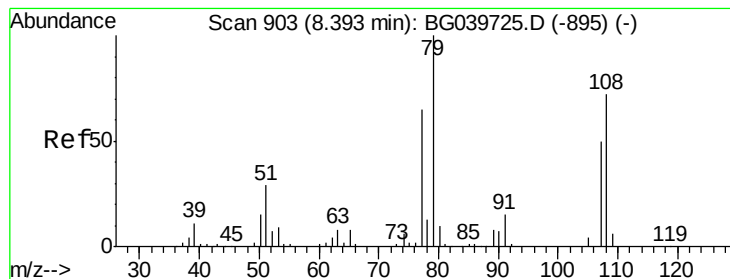
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#14
 1,2-Dichlorobenzene
 Concen: 39.090 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039766.D
 Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.5	77.3
111	38.8	33.8	50.6





#15

Benzyl Alcohol

Concen: 42.883 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Instrument :

BNA_G

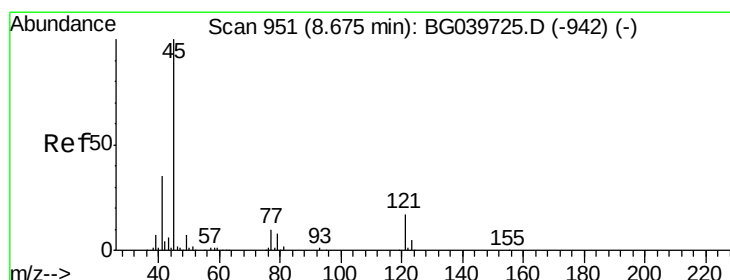
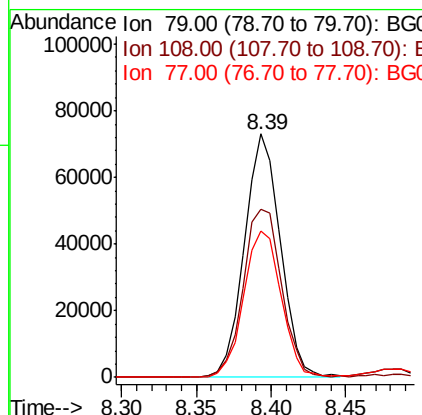
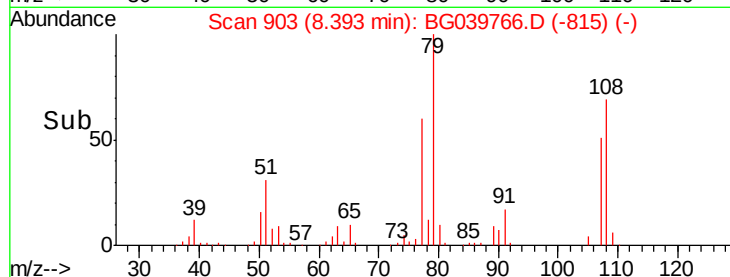
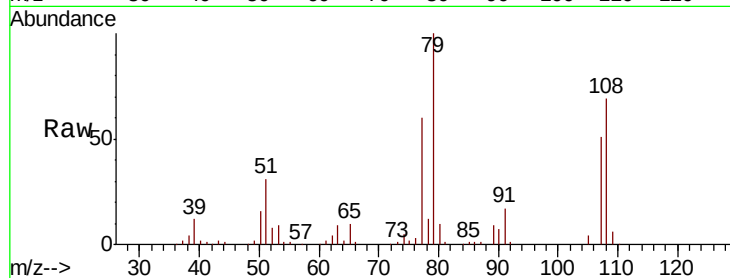
ClientSampleID :

PB117619BSD

Tot Ion:	79	Resp:	121683
Ion	Ratio	Lower	Upper
79	100		
108	69.1	57.8	86.6
77	59.9	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.515 ng

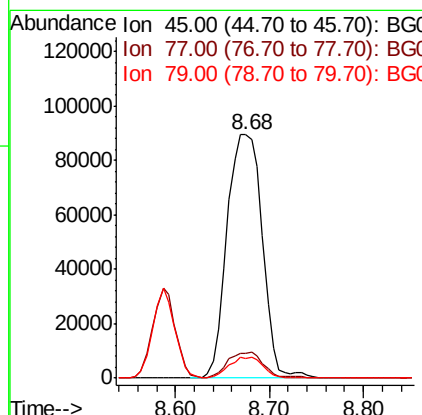
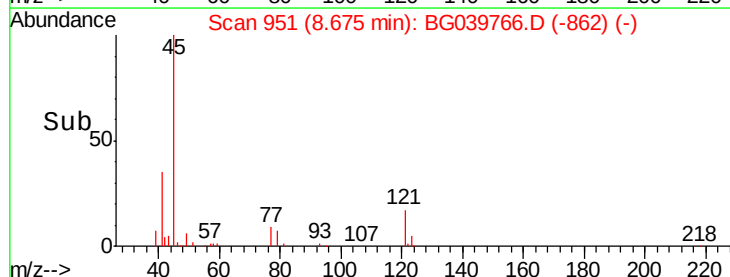
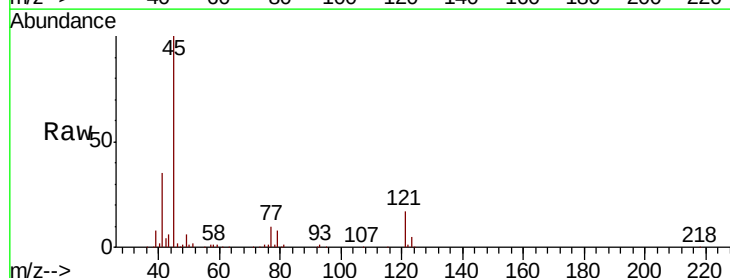
RT: 8.68 min Scan# 951

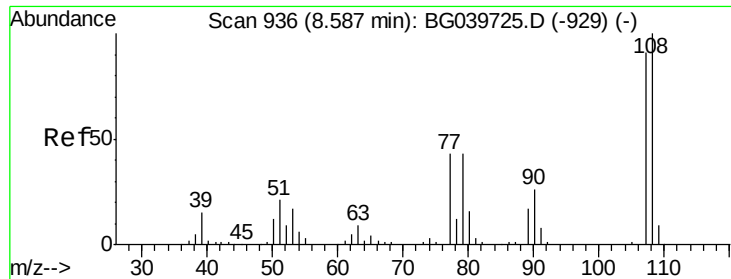
Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Tgt Ion:	45	Resp:	232739
Ion	Ratio	Lower	Upper
45	100		
77	10.0	0.0	30.0
79	7.9	0.0	27.5





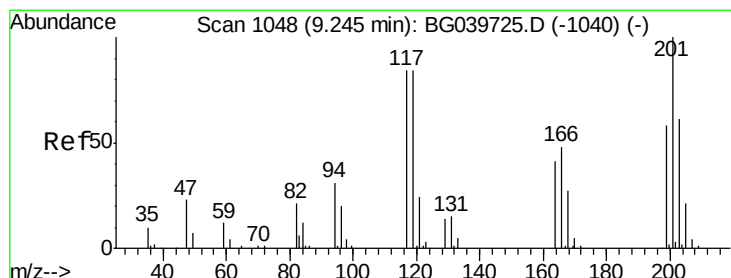
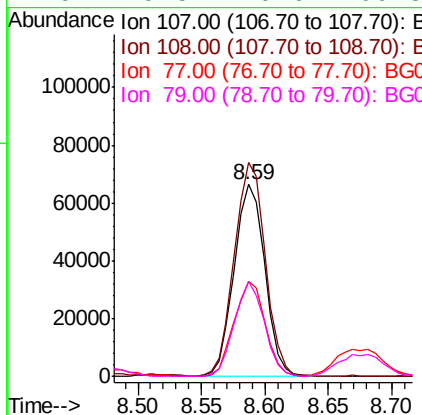
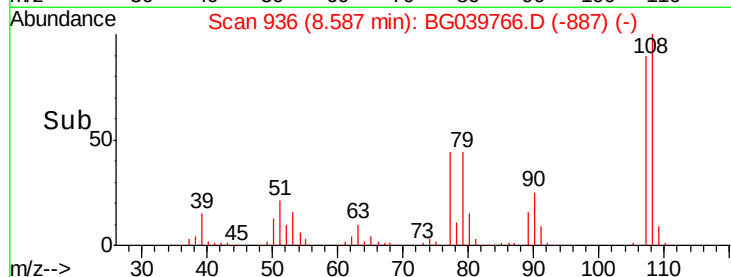
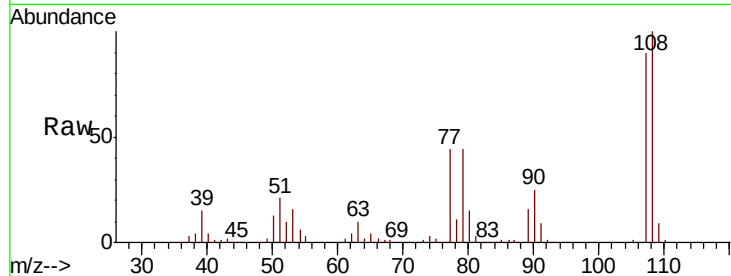
#17
2-Methylphenol
Concen: 45.115 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	90.8	136.2	
77	49.5	40.7	61.1	
79	49.5	40.6	60.8	

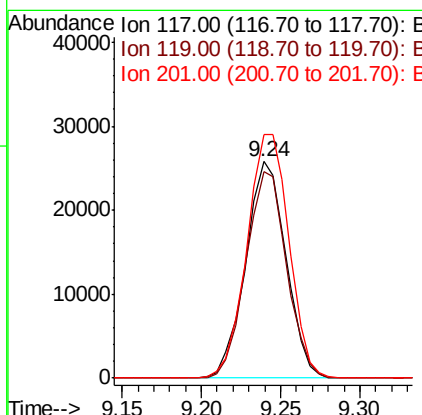
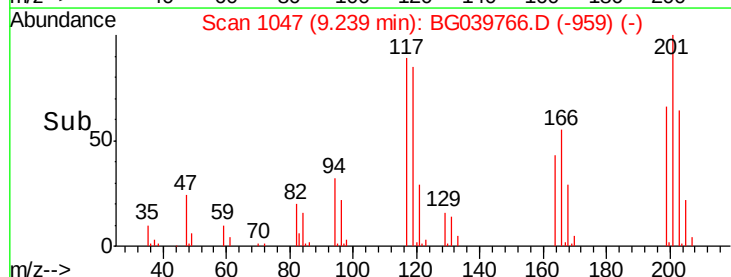
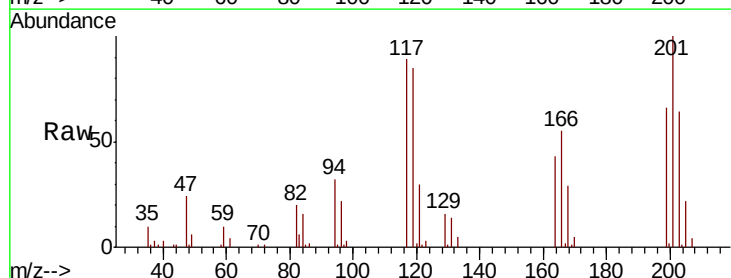
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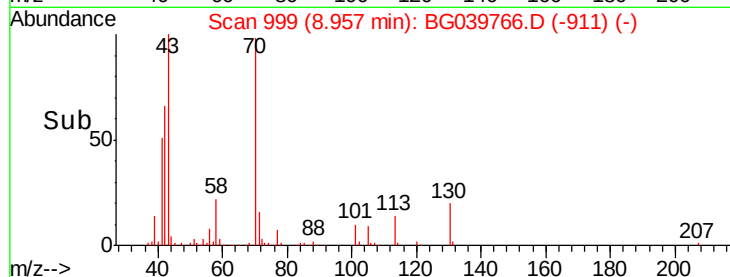
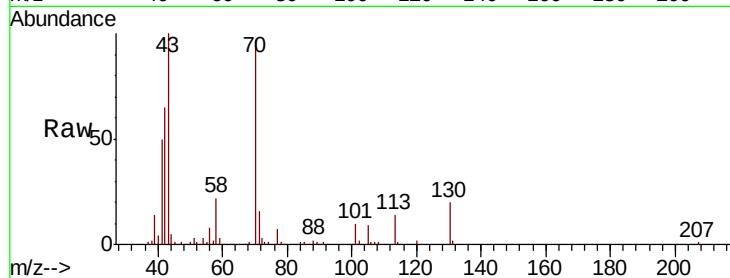
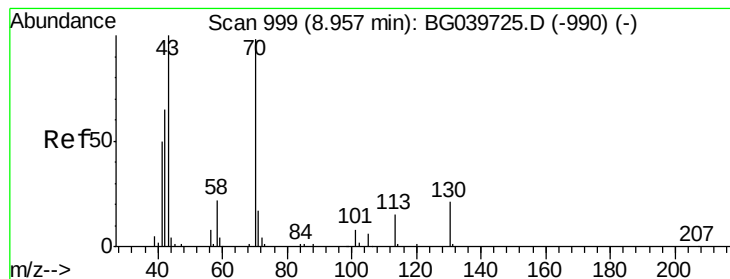
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#18
Hexachloroethane
Concen: 37.905 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	76.3	114.5	
201	112.4	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 39.089 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	67.2	60.4	90.6		
101	10.2	7.5	11.3		
130	20.3	16.9	25.3		

Instrument :

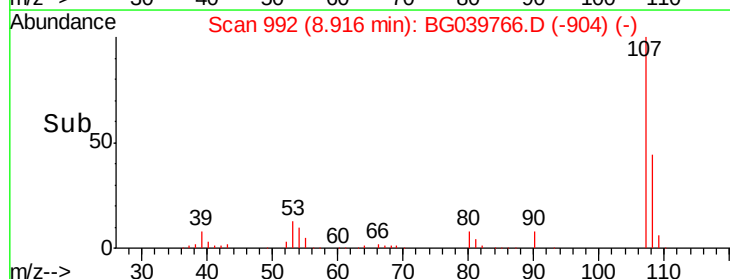
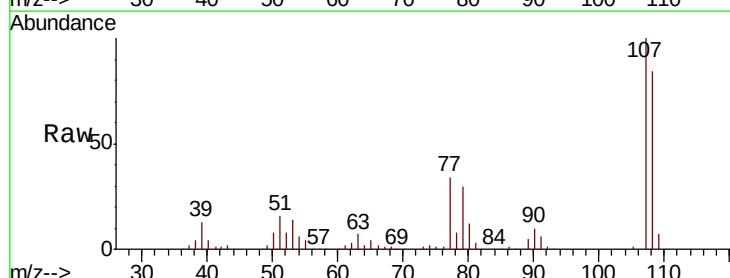
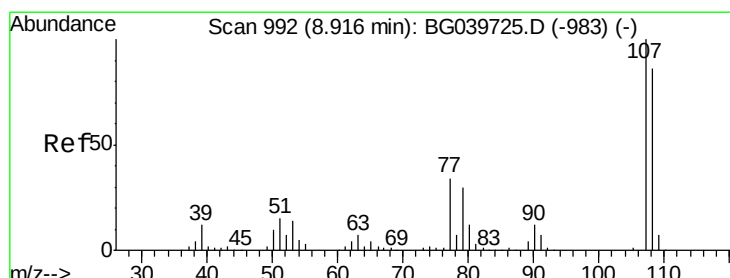
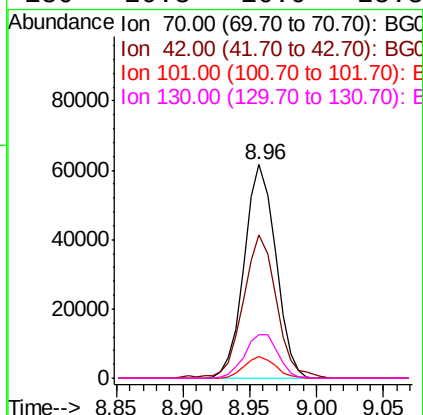
BNA_G

ClientSampleId :

PB117619BSD

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#20

3+4-Methylphenols

Concen: 45.574 ng

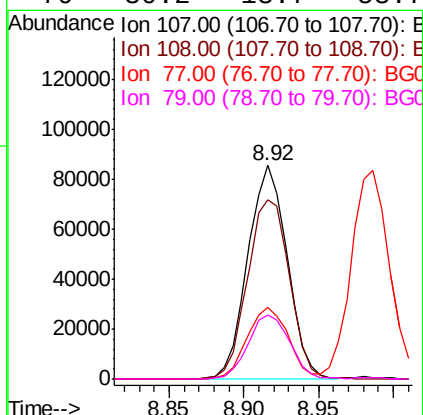
RT: 8.92 min Scan# 992

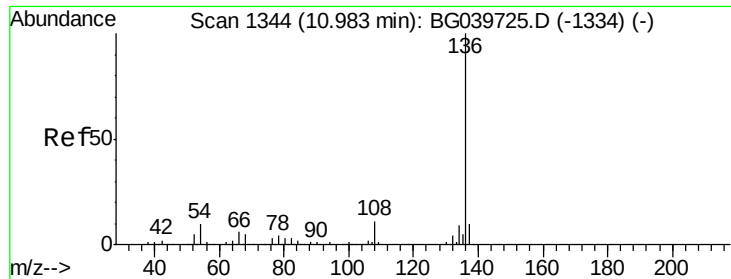
Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.0	67.9	107.9		
77	33.7	15.4	55.4		
79	30.2	13.7	53.7		





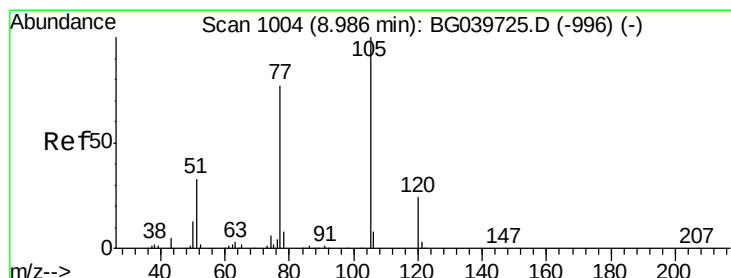
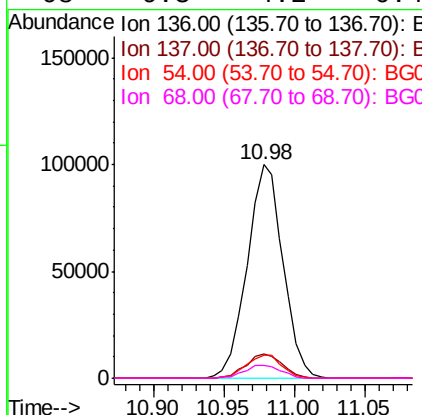
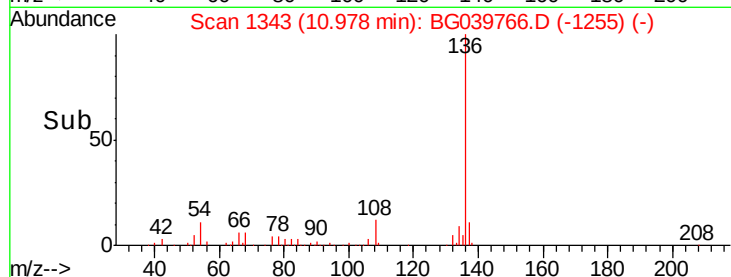
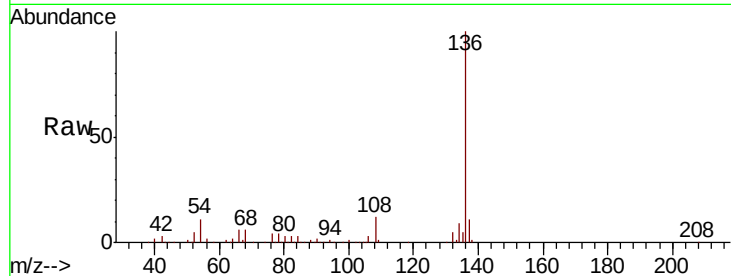
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	177574		
137	11.4		9.1	13.7
54	11.0		9.4	14.2
68	6.3		4.2	6.4

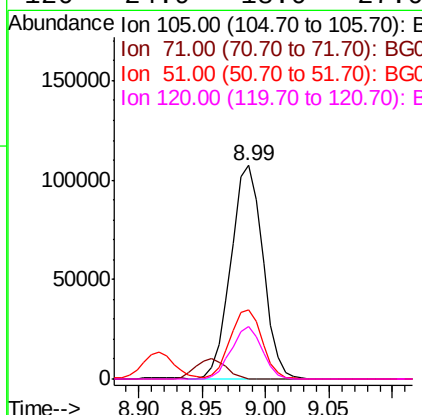
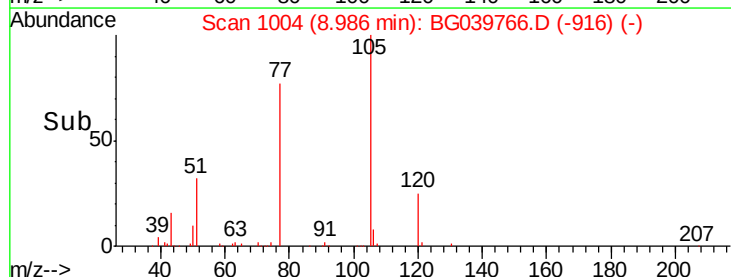
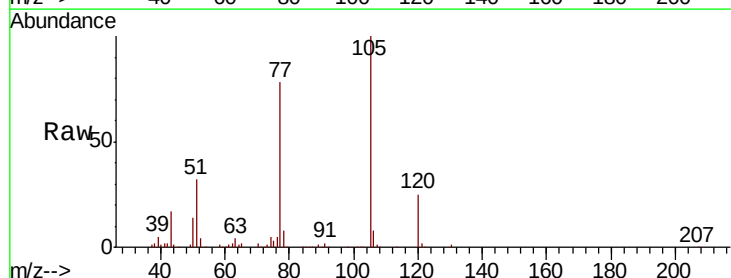
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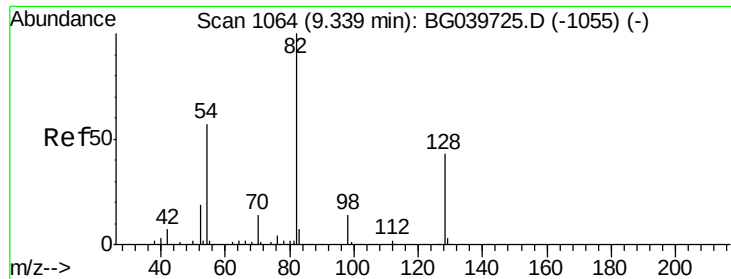
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#22
Acetophenone
Concen: 39.382 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	187696		
71	0.3		0.8	1.2#
51	32.5		30.2	45.2
120	24.9		18.0	27.0





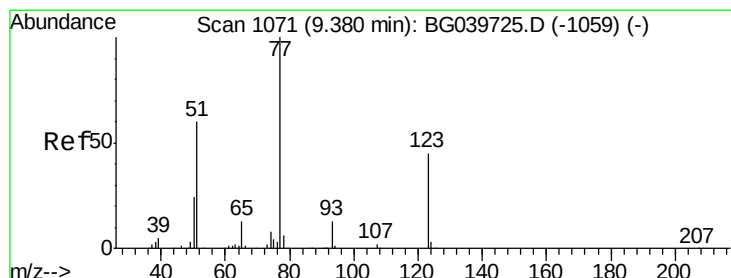
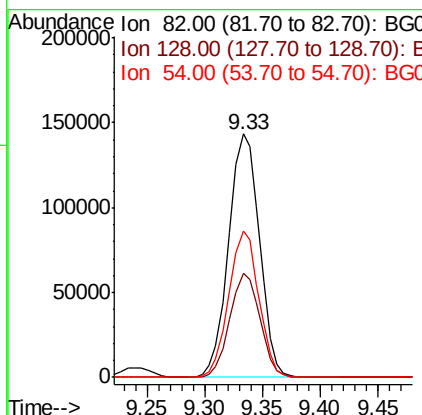
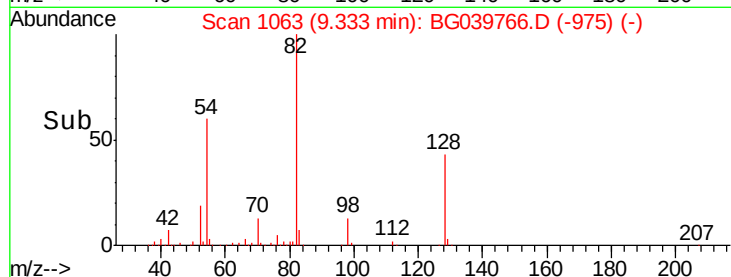
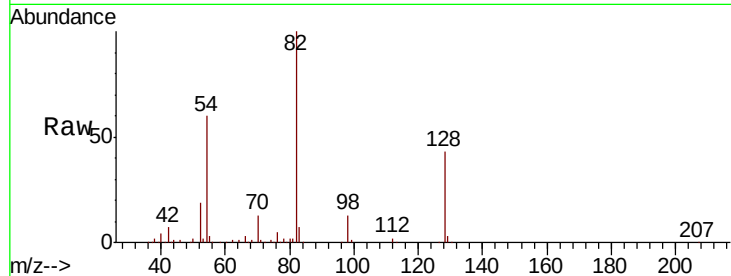
#23
 Nitrobenzene-d5
 Concen: 80.842 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039766.D
 Acq: 5 Mar 2019 16:07

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	265427		
128	42.5	31.3	46.9	
54	60.0	50.9	76.3	

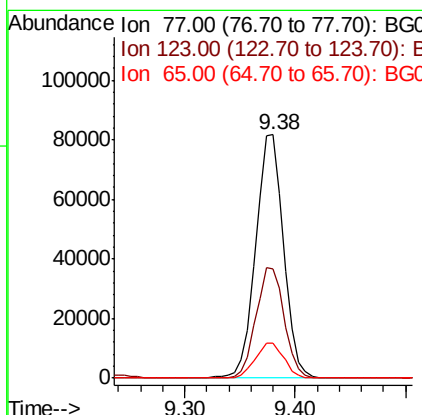
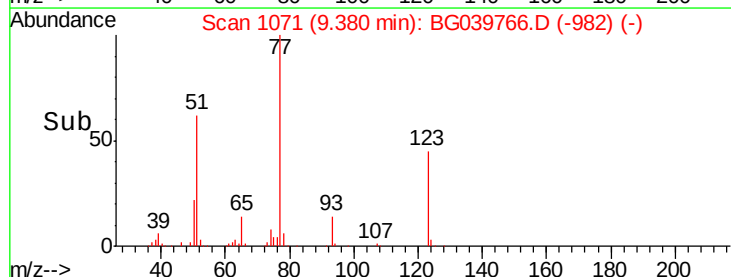
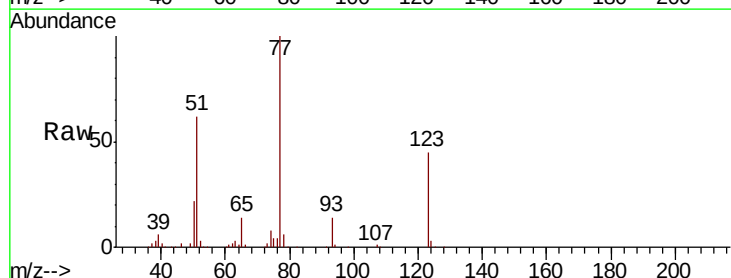
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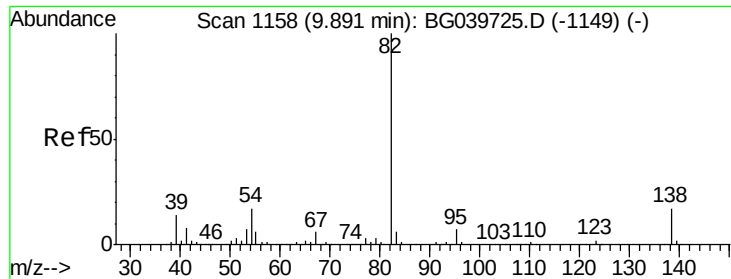
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#24
 Nitrobenzene
 Concen: 42.139 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BG039766.D
 Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	145145		
123	44.8	34.1	51.1	
65	14.3	12.3	18.5	





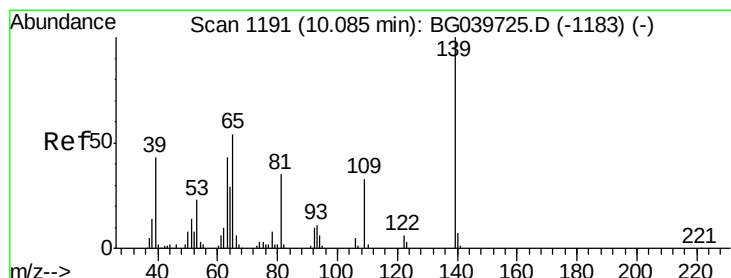
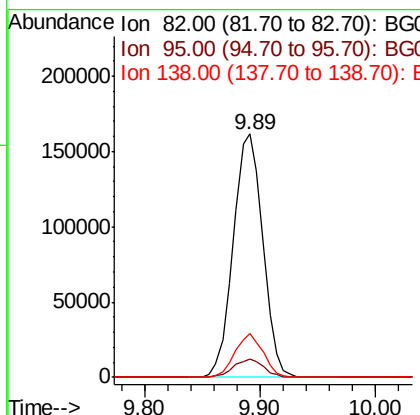
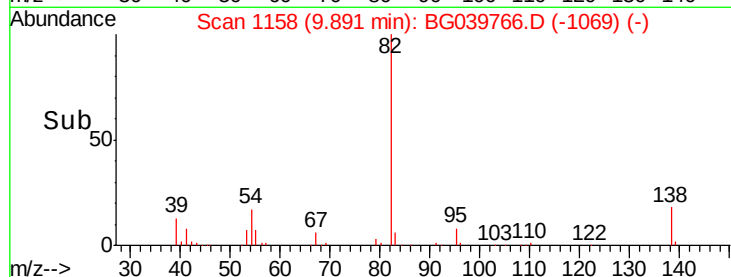
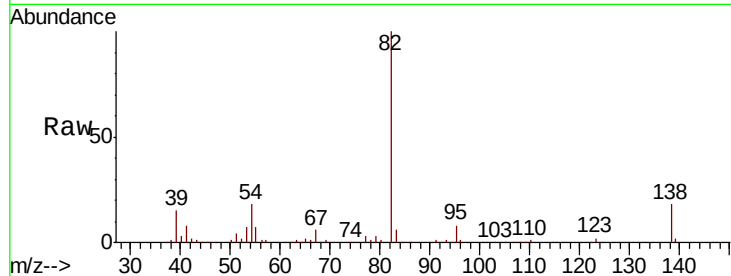
#25
Isophorone
Concen: 41.576 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	286028		
95	7.6		6.2	9.2
138	18.0		13.0	19.4

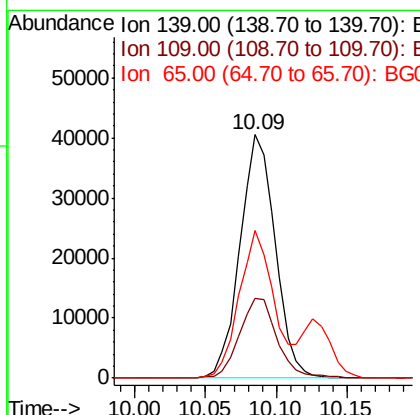
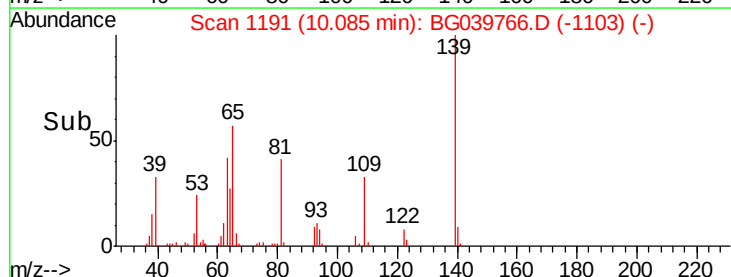
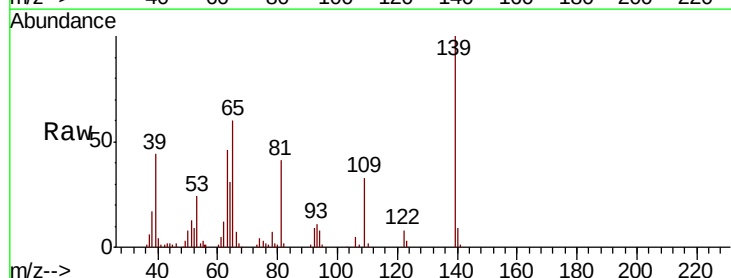
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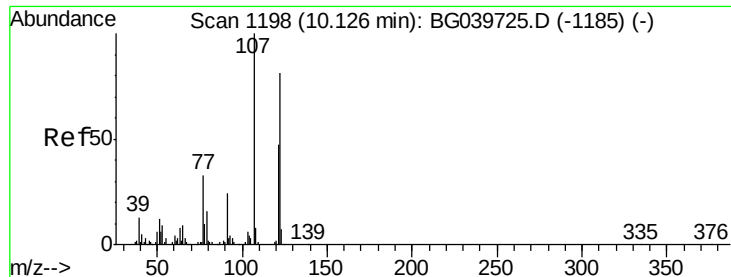
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#26
2-Nitrophenol
Concen: 42.540 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	70746		
109	33.0		23.4	35.0
65	60.4		44.3	66.5





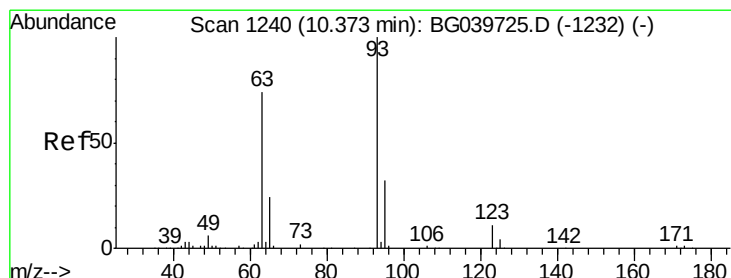
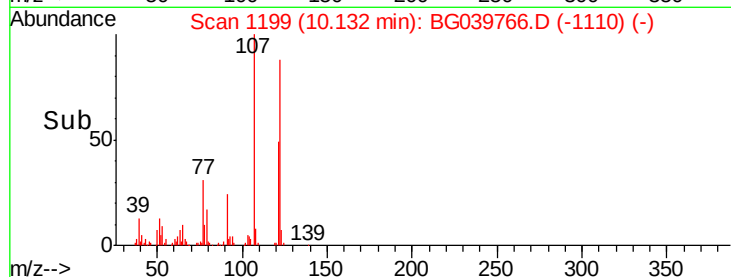
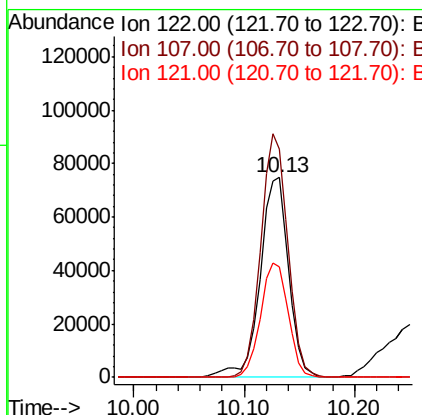
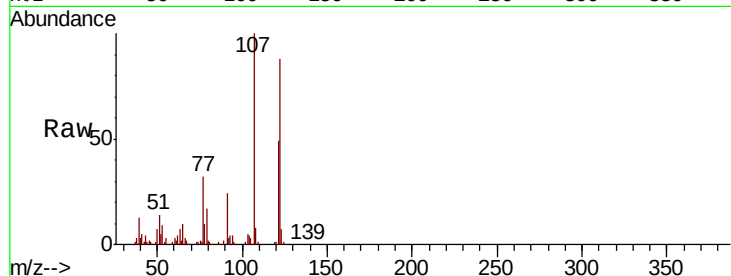
#27
2,4-Dimethylphenol
Concen: 52.238 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	135111		
107	113.9	91.7	137.5	
121	55.5	46.4	69.6	

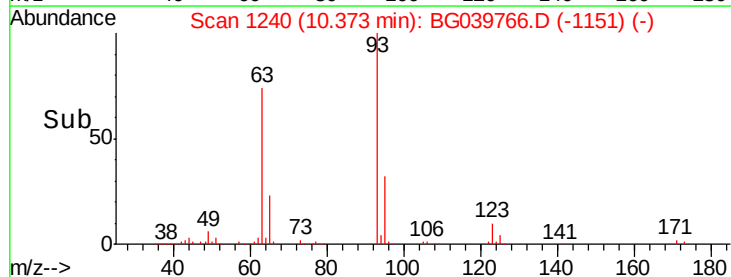
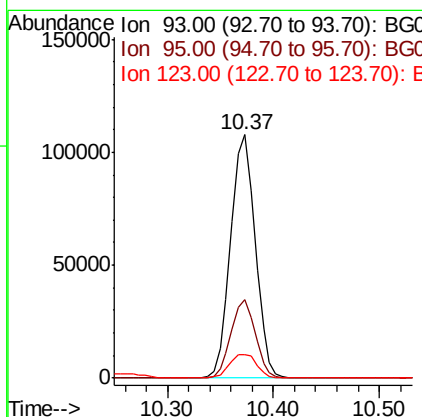
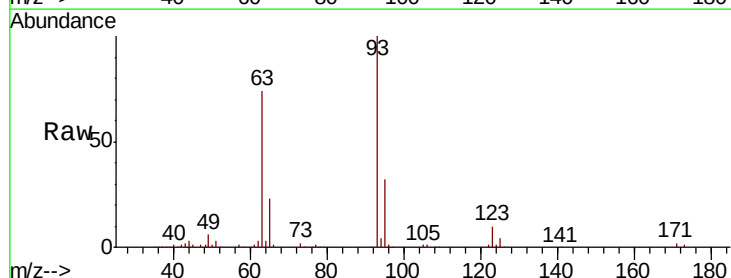
Manual Integrations
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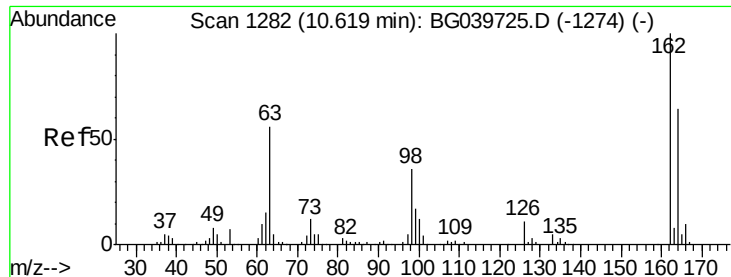
Sohil
3/6/2019 12:01:07 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.518 ng
RT: 10.37 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	173576		
95	32.3	25.0	37.4	
123	9.8	8.6	12.8	





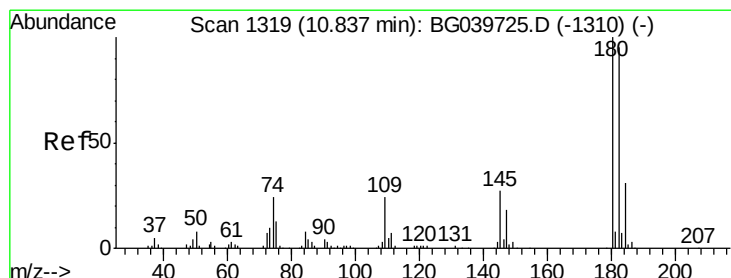
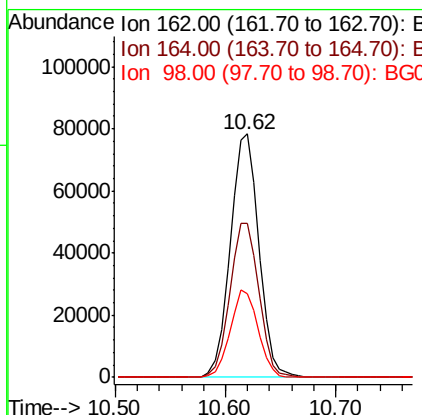
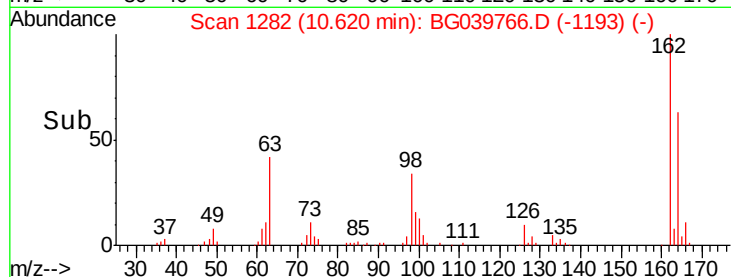
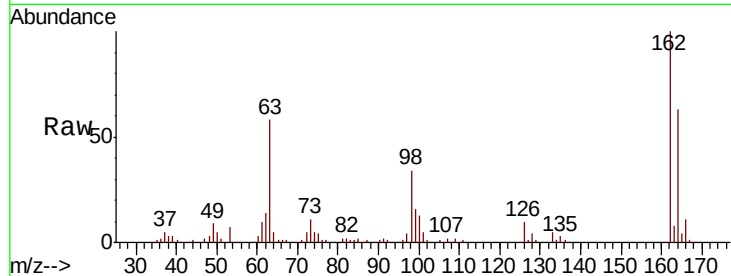
#29
 2,4-Dichlorophenol
 Concen: 48.808 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG039766.D
 Acq: 5 Mar 2019 16:07

Instrument :
 BNA_G
 ClientSampleID :
 PB117619BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		142131		
164	63.3	48.1	88.1		
98	34.4	18.1	58.1		

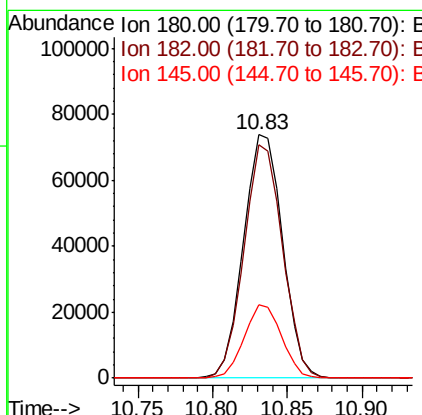
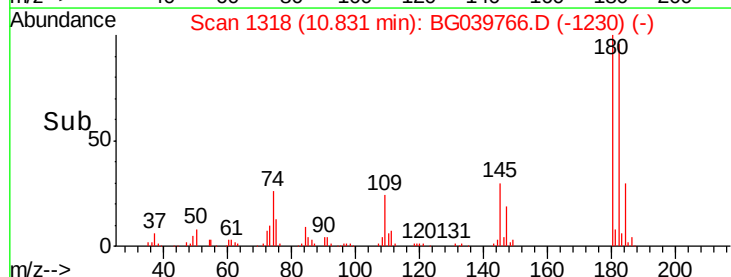
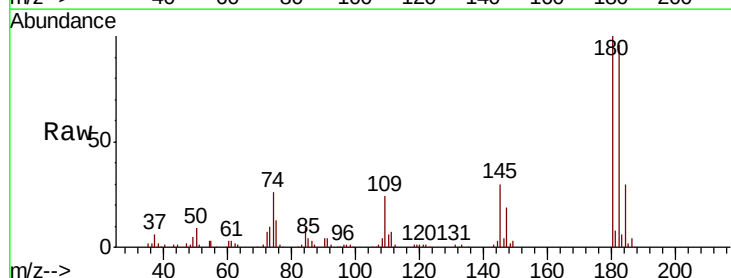
Manual Integrations
 APPROVED

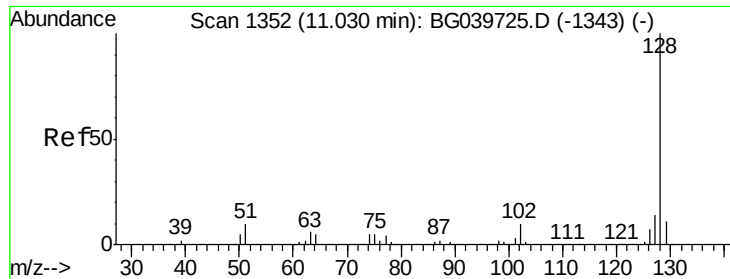
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.774 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039766.D
 Acq: 5 Mar 2019 16:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		133611		
182	95.7	76.0	114.0		
145	29.9	22.7	34.1		





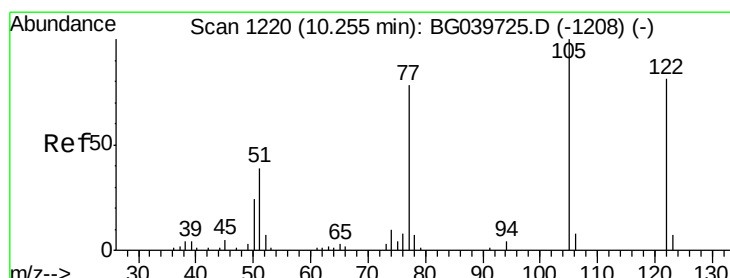
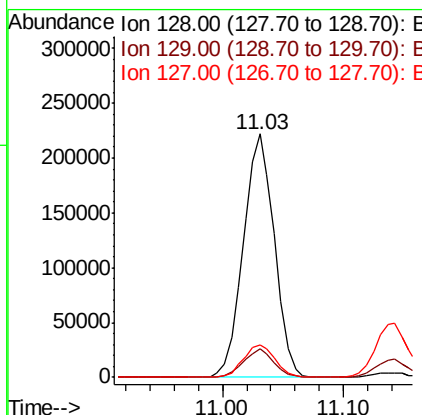
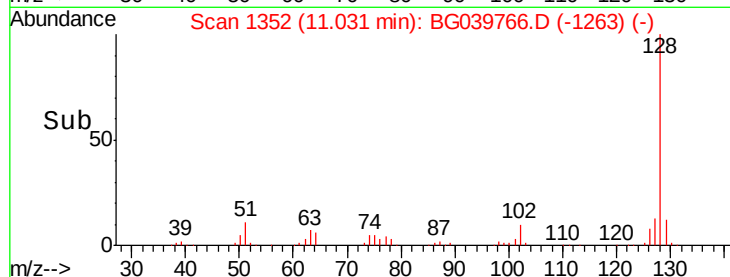
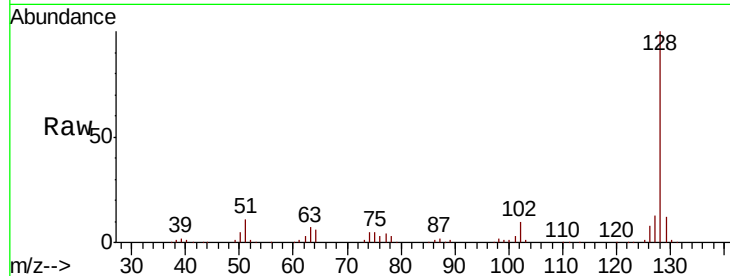
#31
Naphthalene
Concen: 41.973 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	394620		
129	11.9	8.7	13.1	
127	13.1	10.8	16.2	

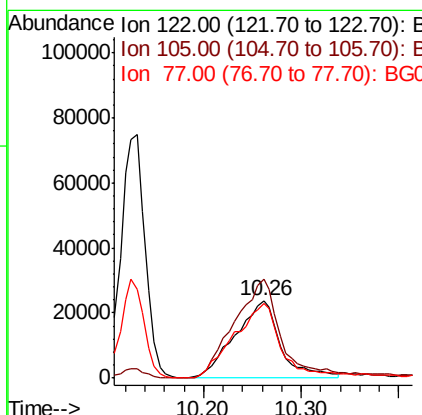
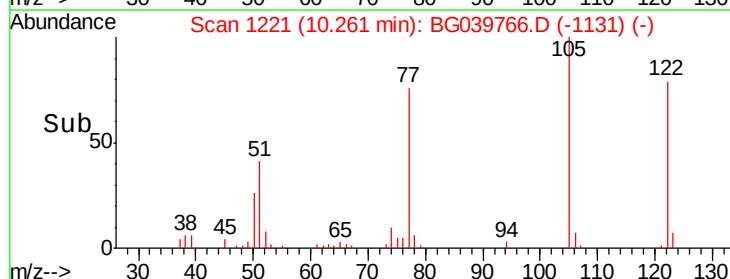
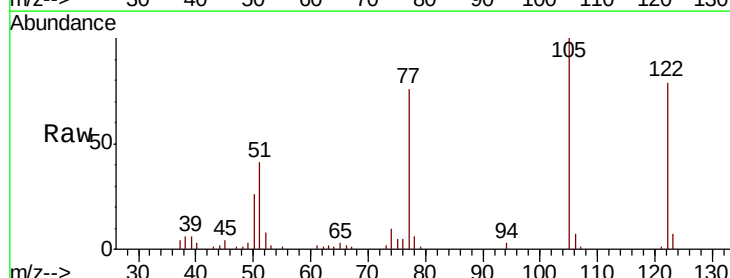
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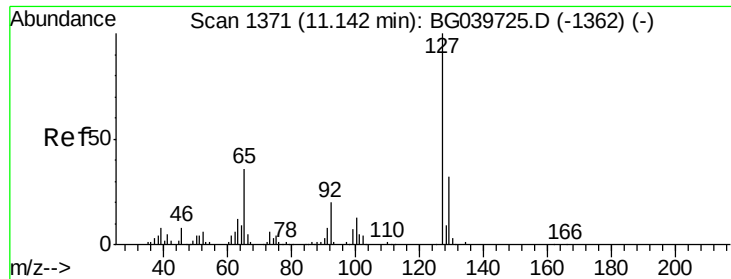
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#32
Benzoic acid
Concen: 44.342 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	77712		
105	127.3	101.8	141.8	
77	96.8	76.3	116.3	





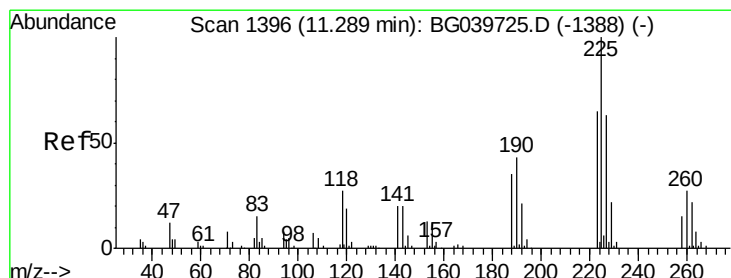
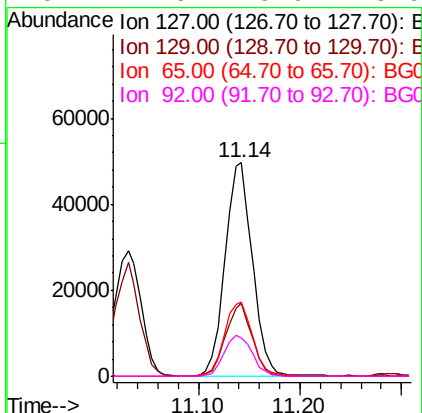
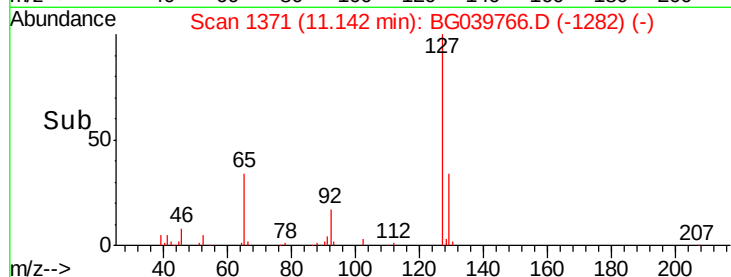
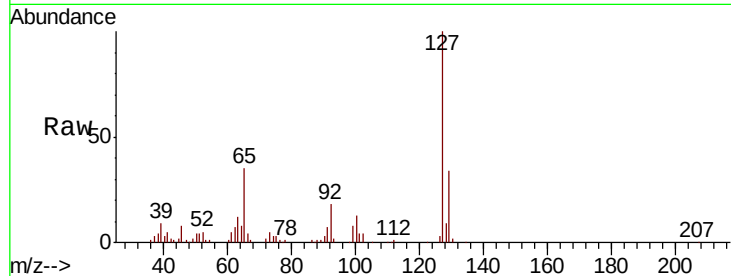
#33
4-Chloroaniline
Concen: 23.330 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.1	27.0	40.4	
65	34.8	28.8	43.2	
92	17.9	16.6	25.0	

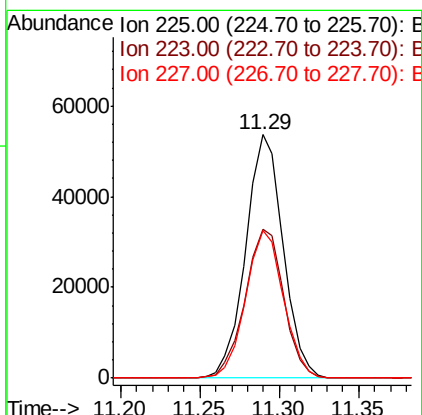
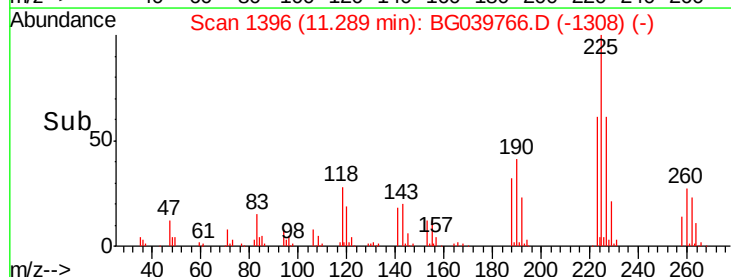
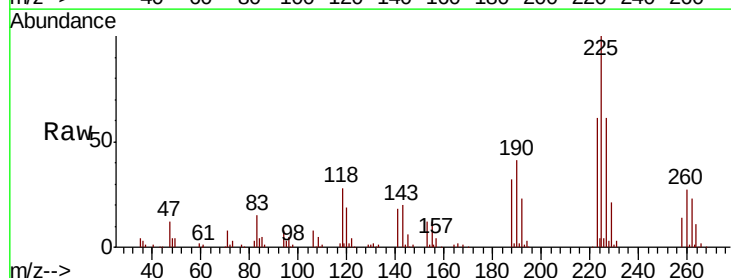
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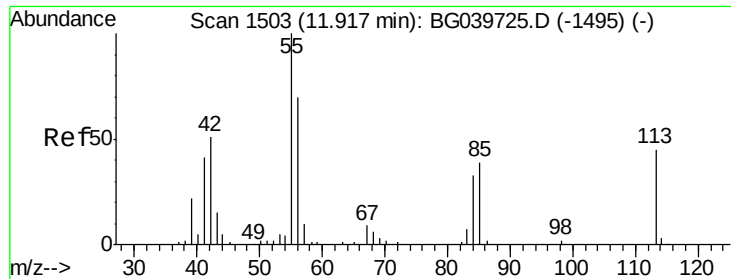
Sohil
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#34
Hexachlorobutadiene
Concen: 39.227 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.4	49.0	73.6	
227	60.9	46.3	69.5	





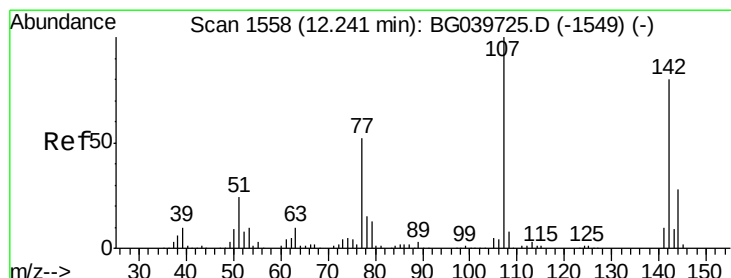
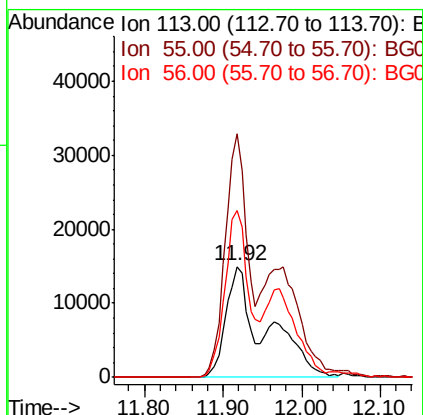
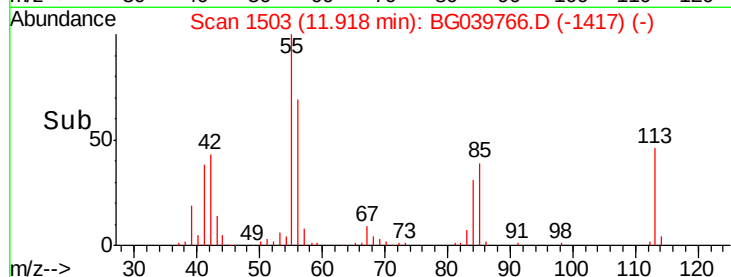
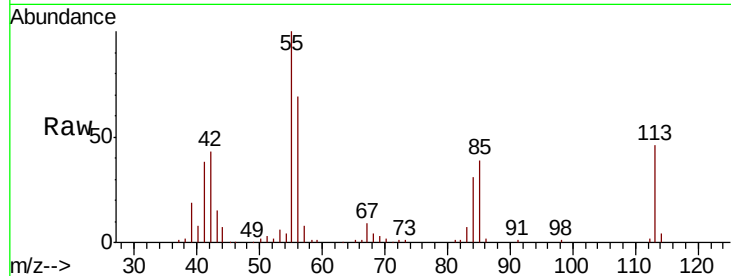
#35
Caprolactam
Concen: 46.598 ng/ml
RT: 11.92 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	219.2	216.9	256.9
56	150.4	152.6	192.6

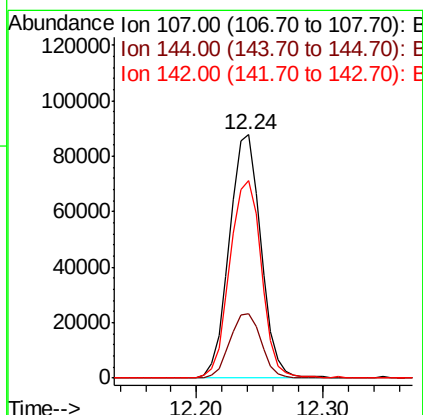
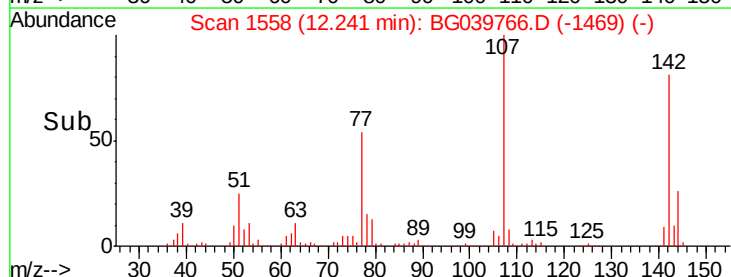
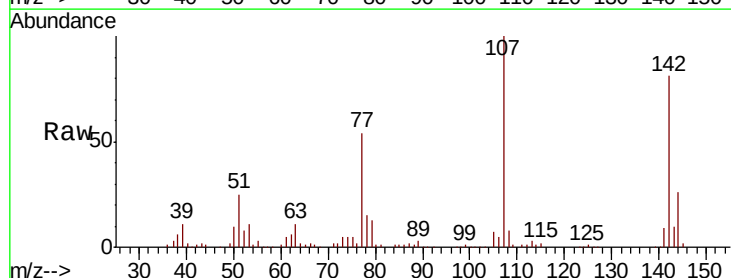
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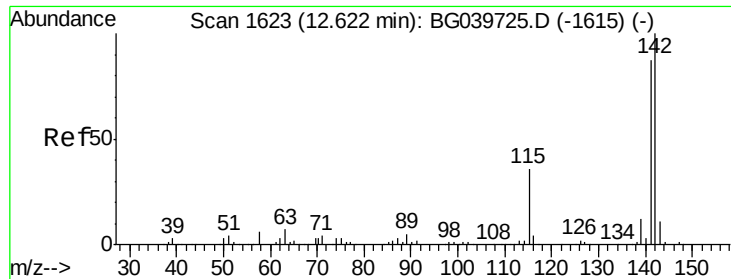
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#36
4-Chloro-3-methylphenol
Concen: 45.316 ng/ml
RT: 12.24 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.2	30.2
142	81.3	61.4	92.2





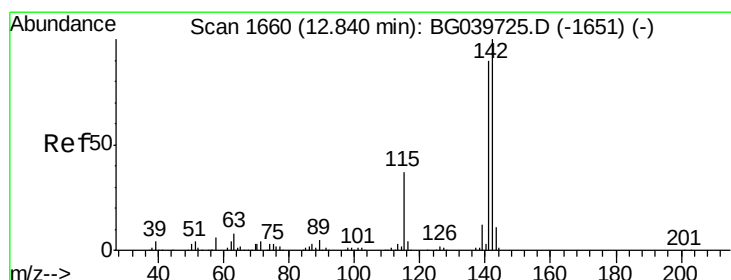
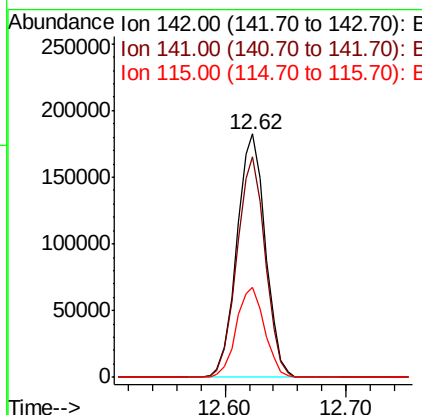
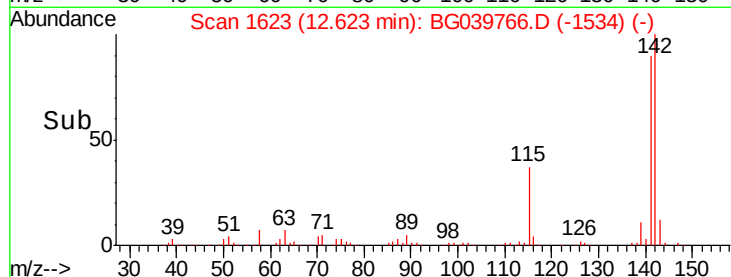
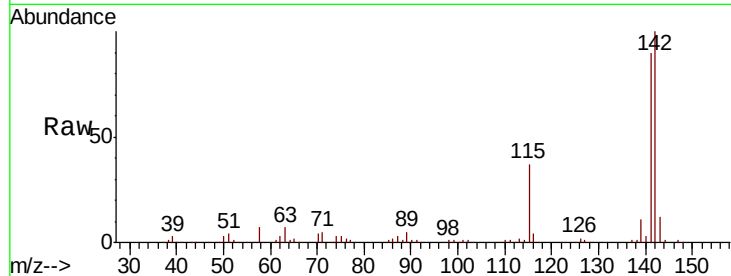
#37
2-Methylnaphthalene
Concen: 42.824 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.5	110.3
115	36.9	30.8	46.2

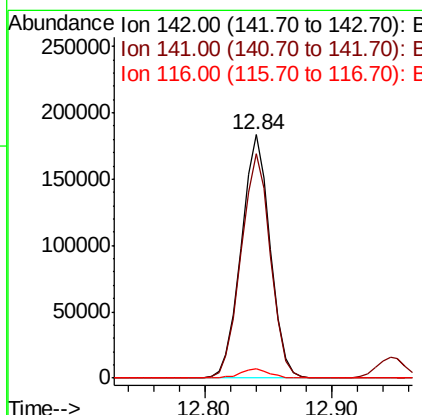
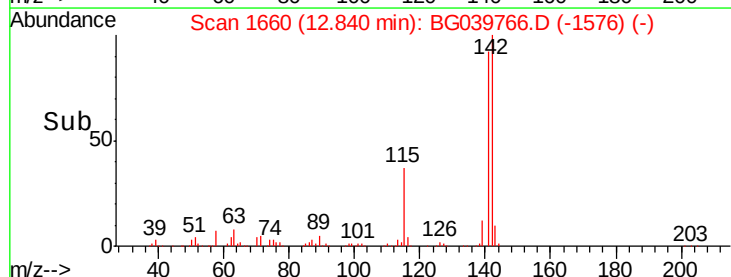
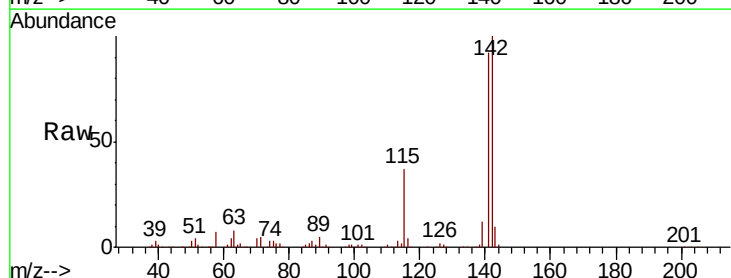
Manual Integrations
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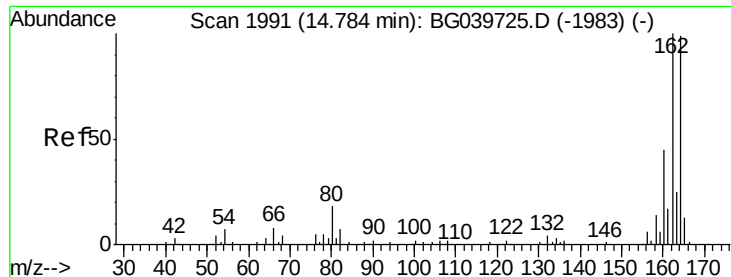
Sohil
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#38
1-Methylnaphthalene
Concen: 42.352 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	3.7	3.0	4.6





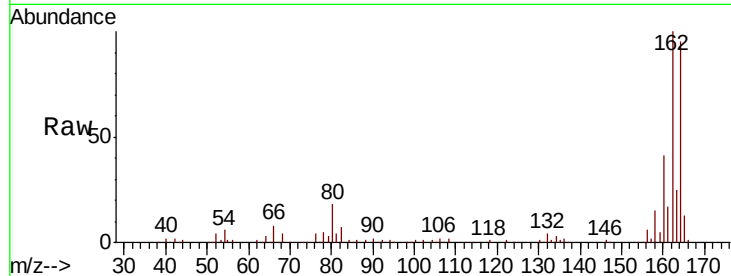
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.6	122.4
160	42.7	34.2	51.2

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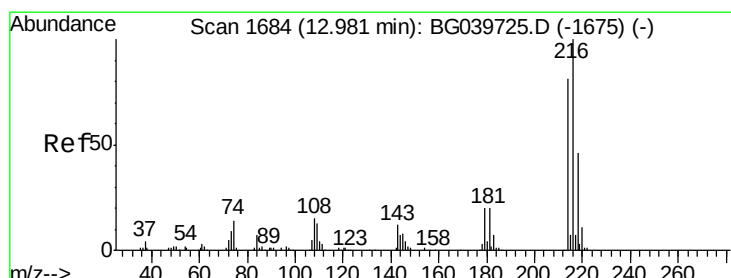
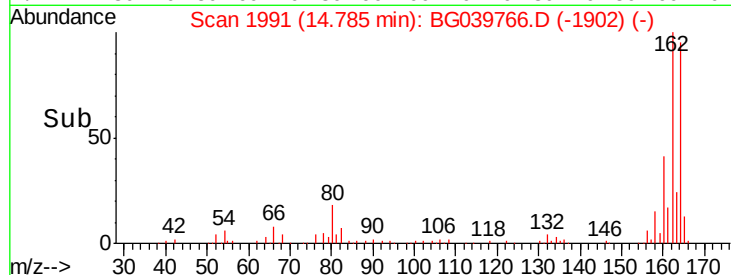
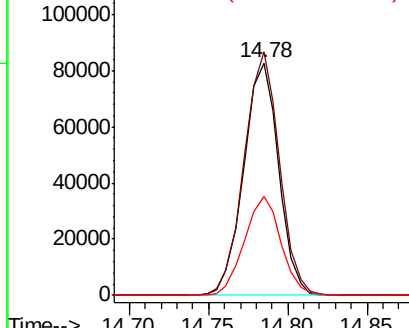


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.439 ng
RT: 12.98 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.6	94.0
179	20.0	16.6	25.0
108	18.1	14.0	21.0

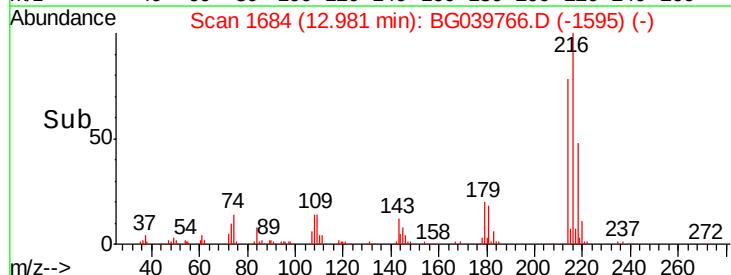
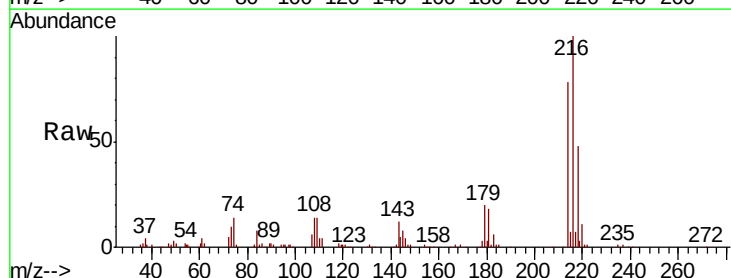
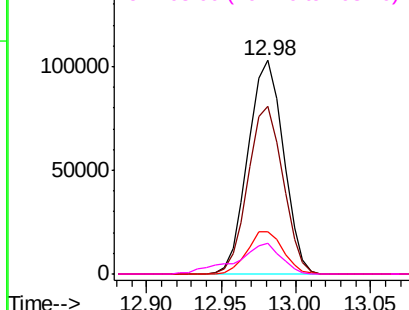
Abundance

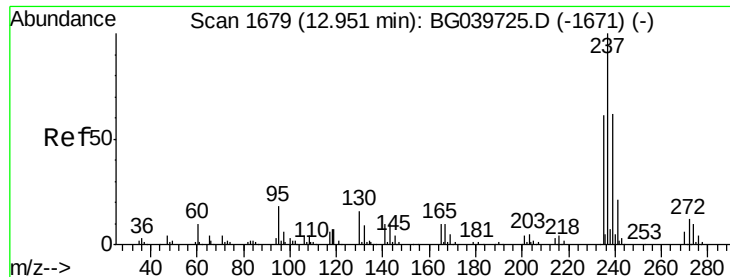
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 97.365 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Instrument :

BNA_G

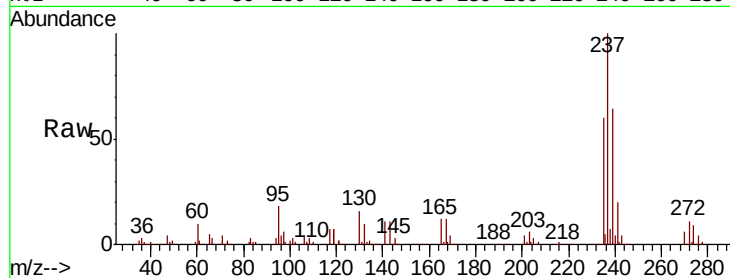
ClientSampleId :

PB117619BSD

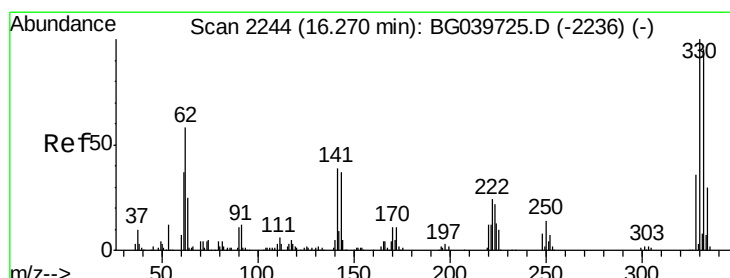
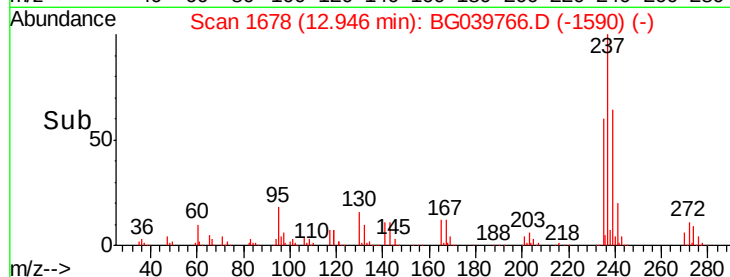
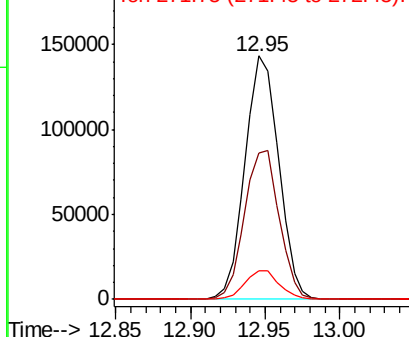
Tot Ion:	237	Resp:	223847
Ion Ratio	Lower	Upper	
237	100		
235	60.3	43.3	83.3
272	11.5	0.0	32.3

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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: 133.981 ng

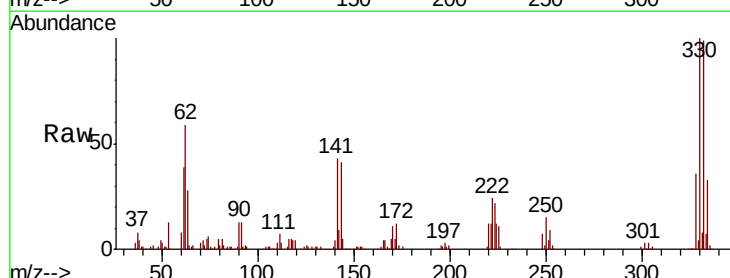
RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

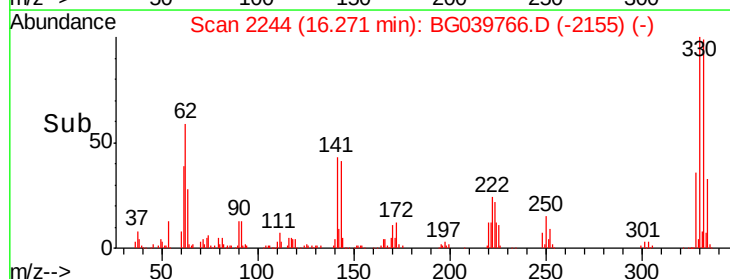
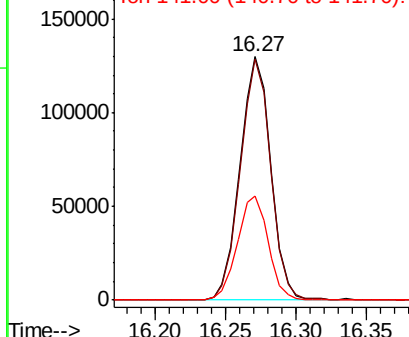
Lab File: BG039766.D

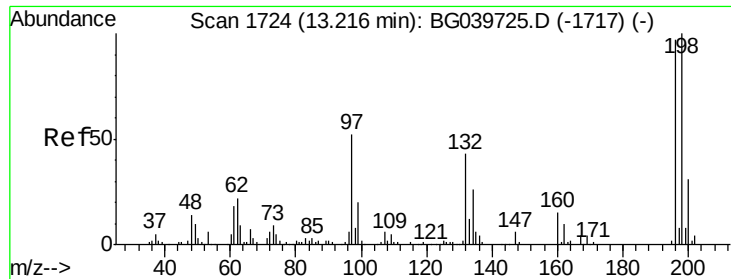
Acq: 5 Mar 2019 16:07

Tgt Ion:	330	Resp:	197758
Ion Ratio	Lower	Upper	
330	100		
332	97.7	75.7	113.5
141	42.6	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





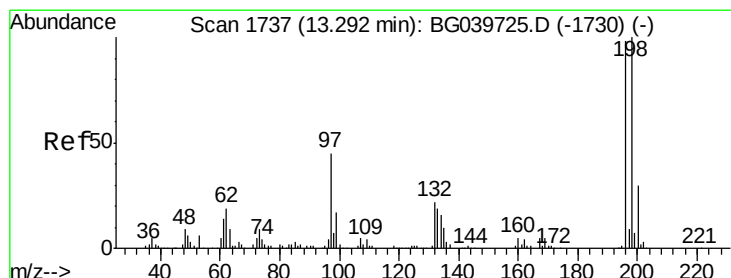
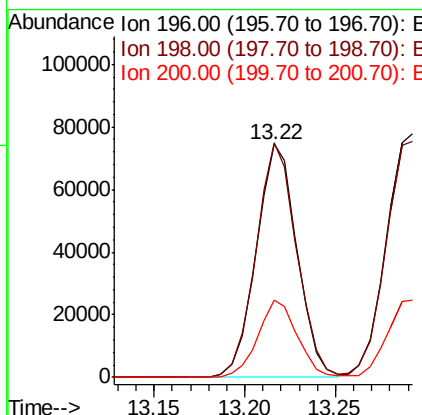
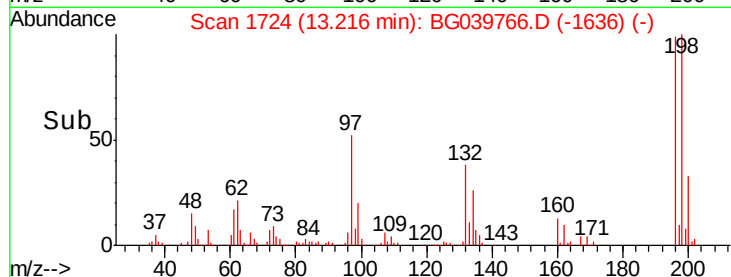
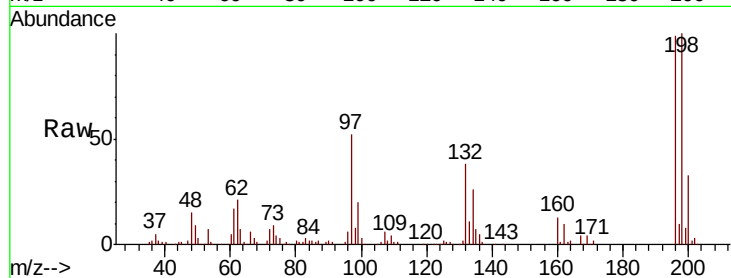
#43
 2,4,6-Trichlorophenol
 Concen: 46.626 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039766.D
 Acq: 5 Mar 2019 16:07

Instrument :
 BNA_G
 ClientSampleID :
 PB117619BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	117108		
198	100.8	80.6	121.0	
200	33.2	26.1	39.1	

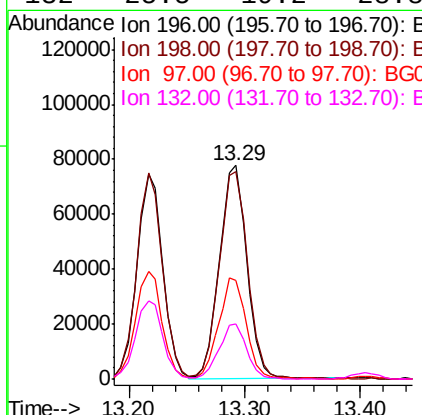
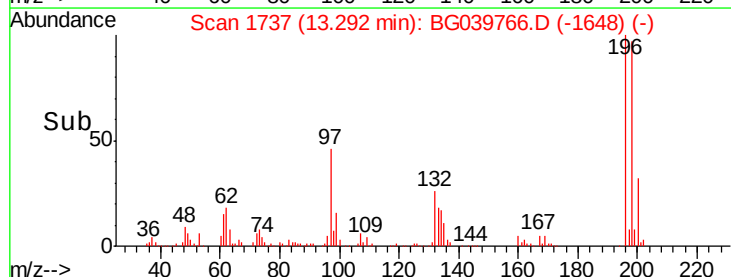
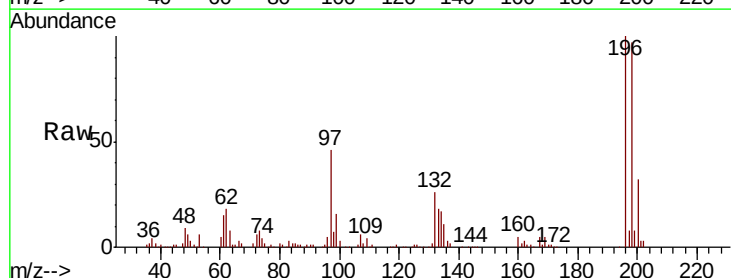
Manual Integrations
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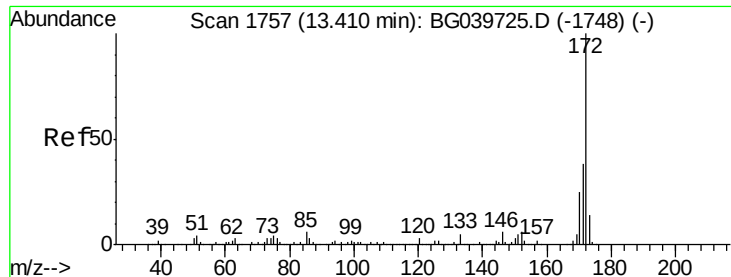
Sohil
 3/6/2019 12:01:07 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.175 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG039766.D
 Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127894		
198	97.2	78.5	117.7	
97	45.9	38.4	57.6	
132	25.5	19.2	28.8	





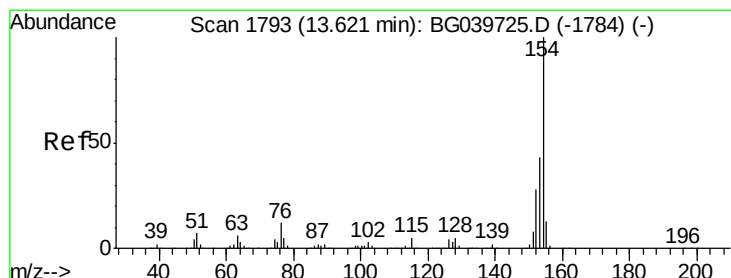
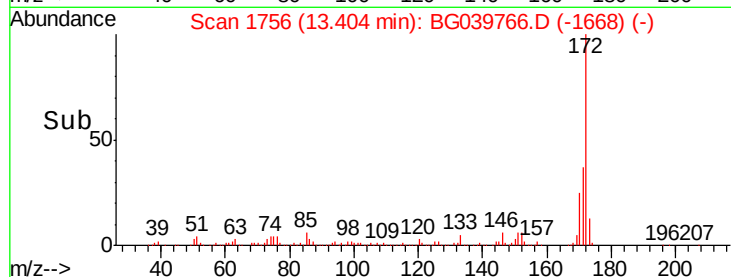
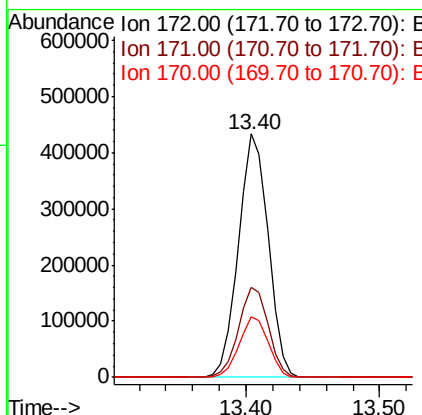
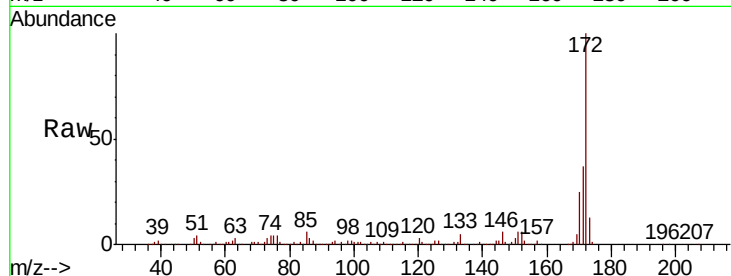
#45
2-Fluorobiphenyl
Concen: 74.802 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	24.7	20.2	30.4

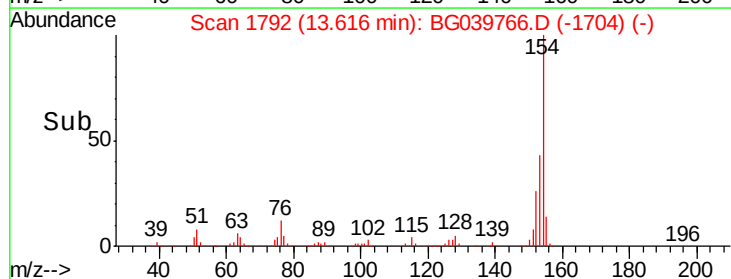
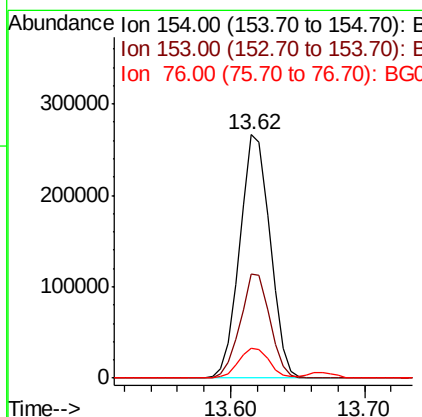
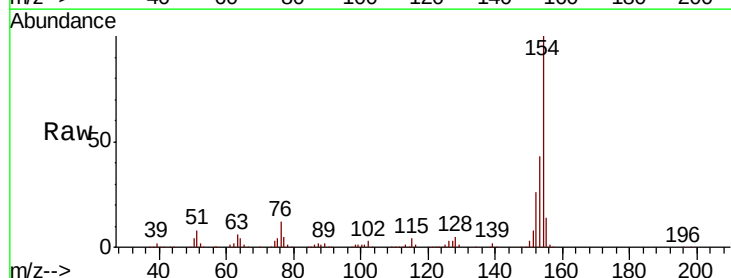
Manual Integrations
APPROVED

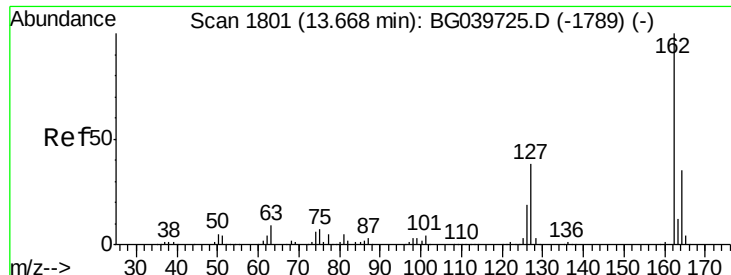
Sohil
3/6/2019 12:01:07 PM



#46
1,1'-Biphenyl
Concen: 40.092 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.1	62.1
76	12.1	0.0	32.4





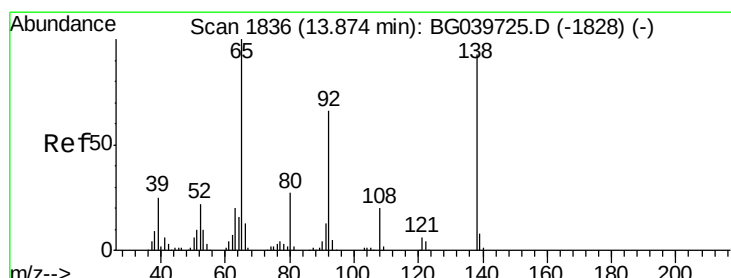
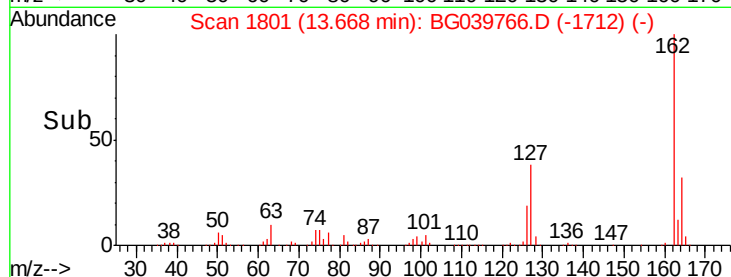
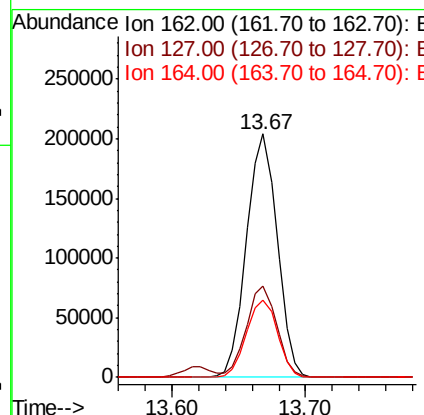
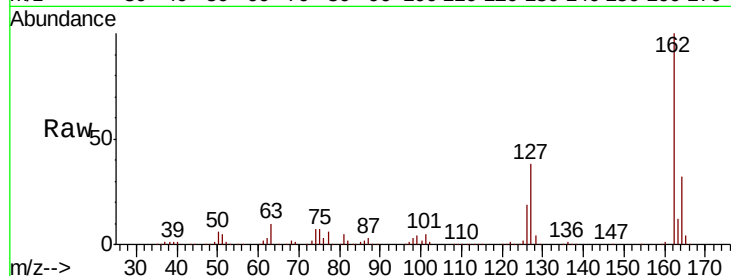
#47
 2-Chloronaphthalene
 Concen: 41.185 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039766.D
 Acq: 5 Mar 2019 16:07

Instrument :
 BNA_G
 ClientSampleID :
 PB117619BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.0	46.6
164	31.9	25.7	38.5

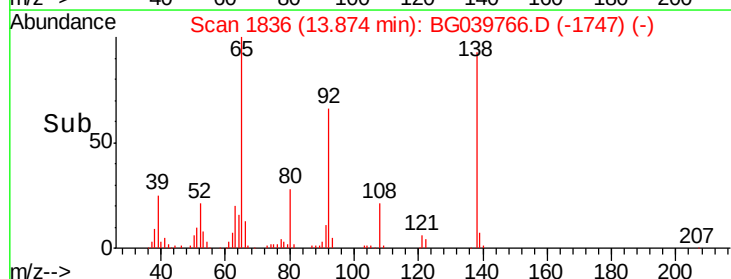
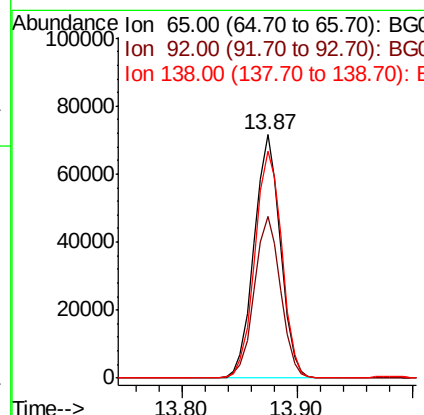
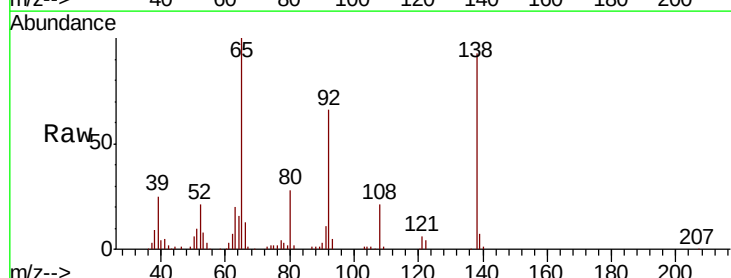
Manual Integrations
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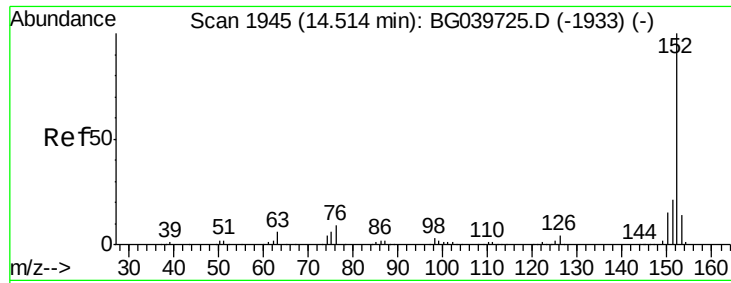
Sohil
 3/6/2019 12:01:07 PM



#48
 2-Nitroaniline
 Concen: 45.213 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039766.D
 Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	51.4	77.2
138	93.0	71.4	107.2





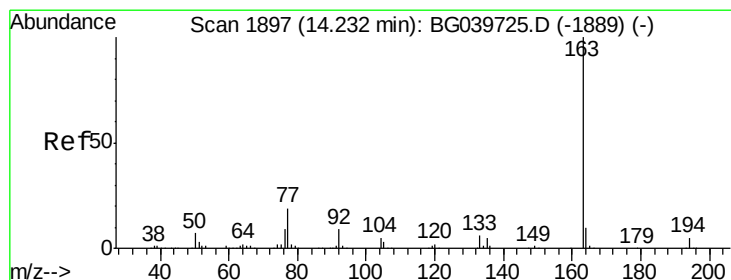
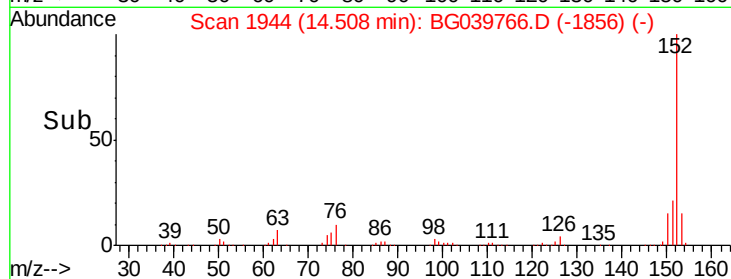
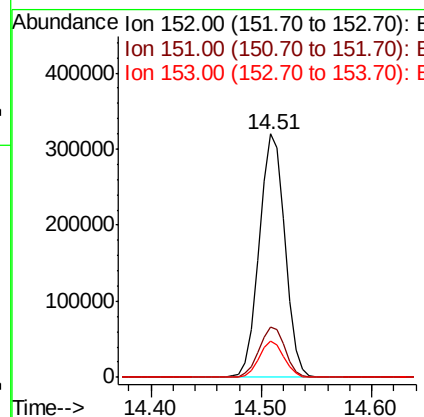
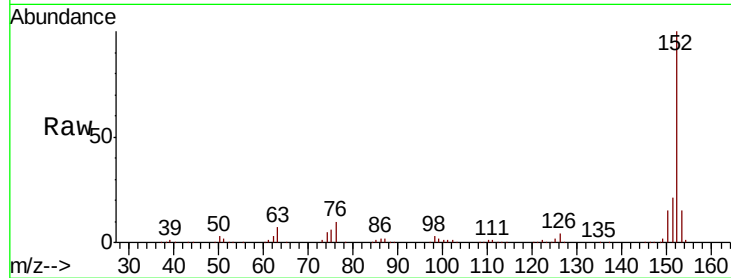
#49
Acenaphthylene
Concen: 40.646 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	14.7	11.7	17.5

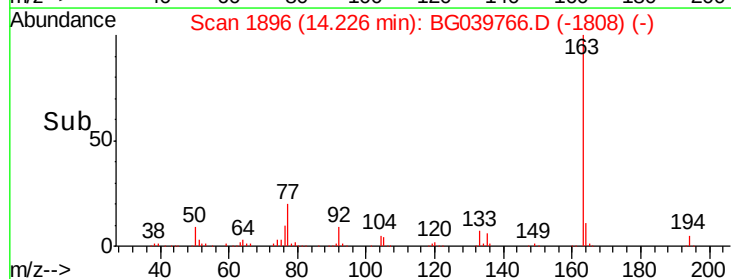
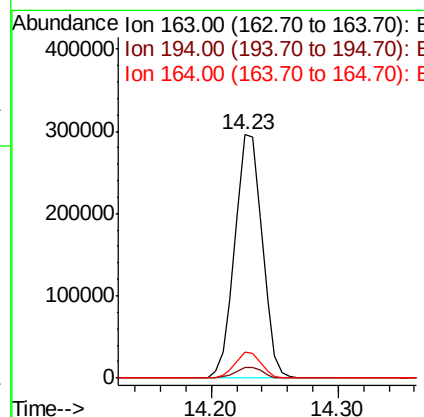
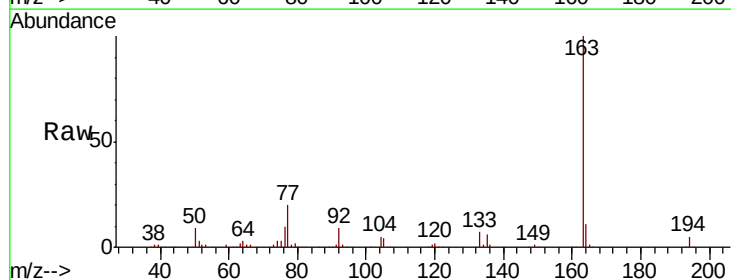
Manual Integrations
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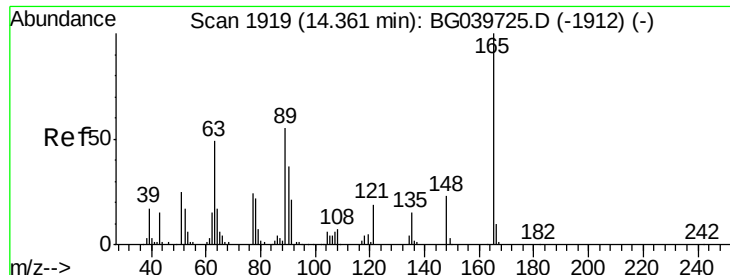
Sohil
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#50
Dimethylphthalate
Concen: 41.568 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.7	8.4	12.6





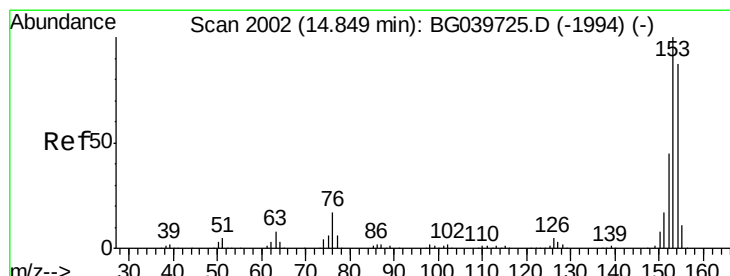
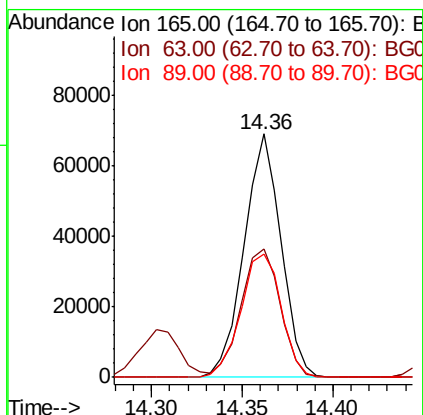
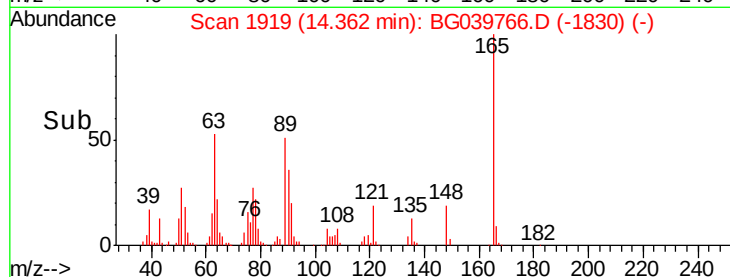
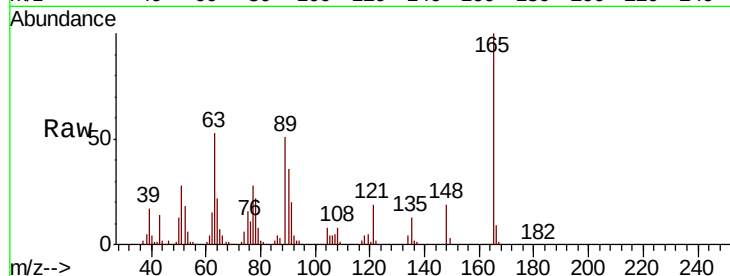
#51
2,6-Dinitrotoluene
Concen: 43.598 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.5	47.0	70.6
89	50.9	45.8	68.8

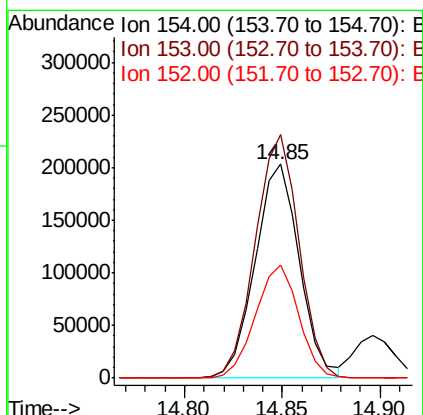
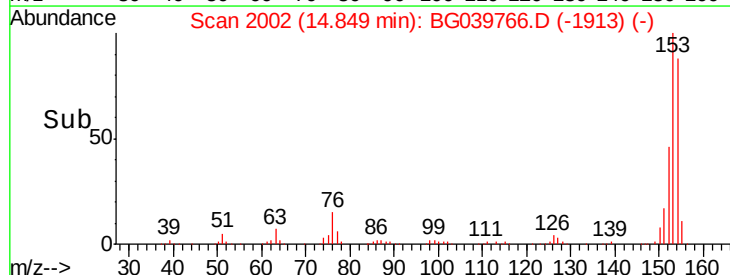
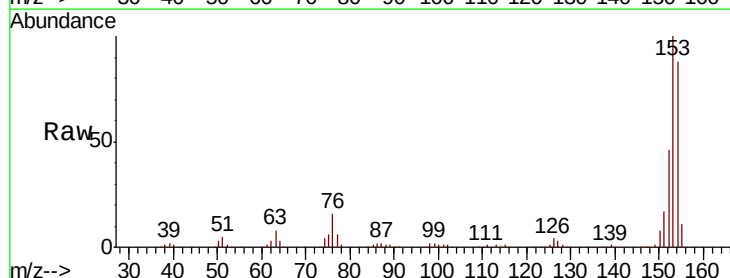
Manual Integrations
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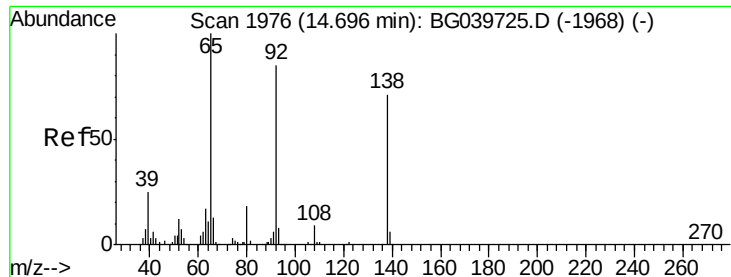
Sohil
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#52
Acenaphthene
Concen: 41.196 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.1	135.1
152	52.6	40.9	61.3





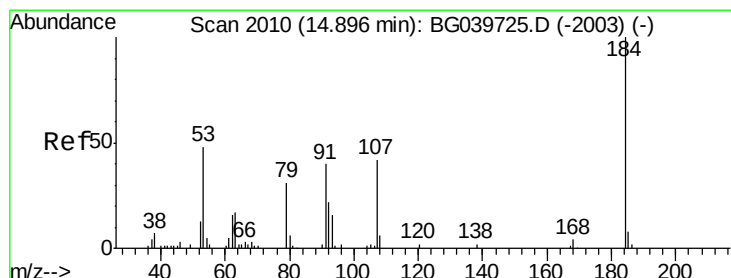
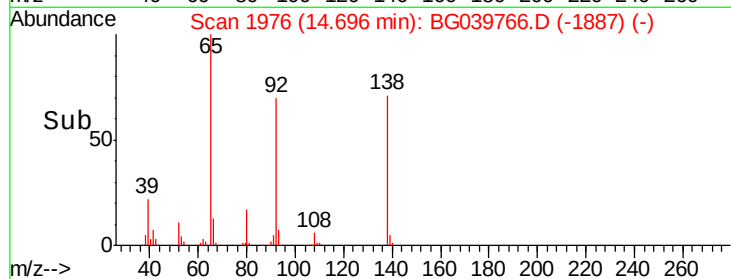
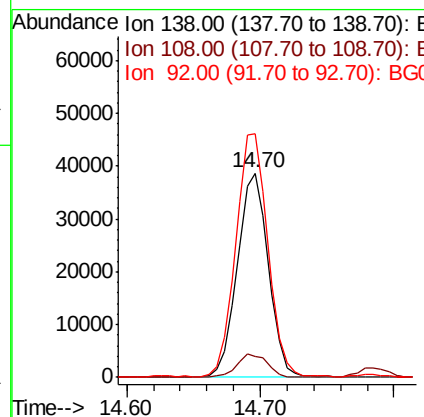
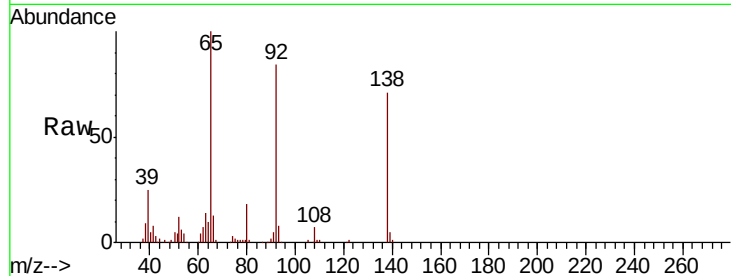
#53
3-Nitroaniline
Concen: 27.661 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	13.8	20.8#
92	119.2	103.7	155.5

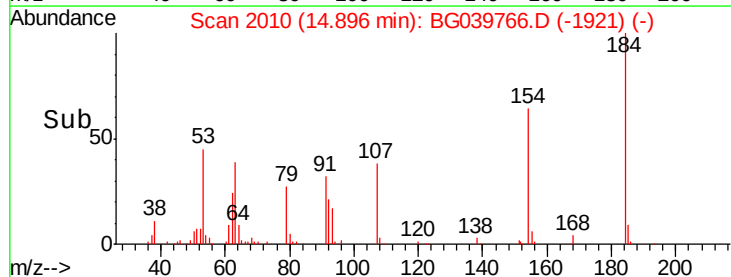
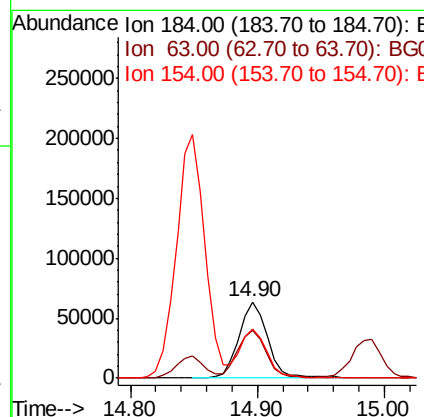
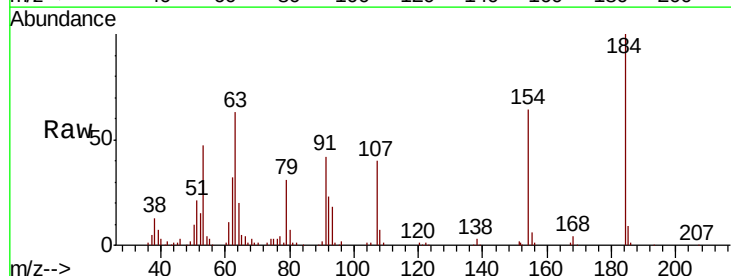
Manual Integrations
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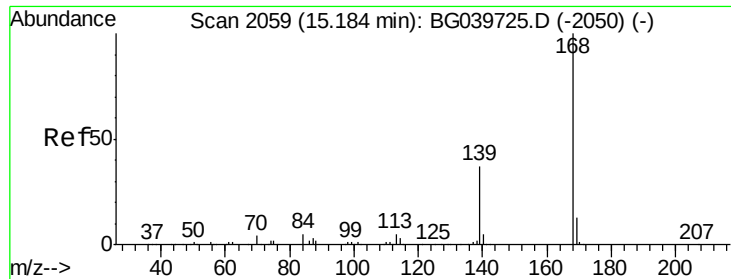
Sohil
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#54
2,4-Dinitrophenol
Concen: 70.521 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.8	50.9	76.3
154	64.1	53.0	79.6





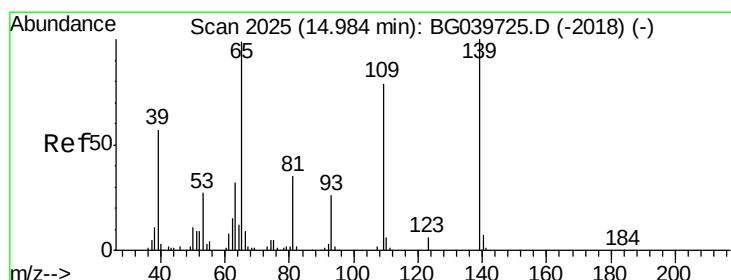
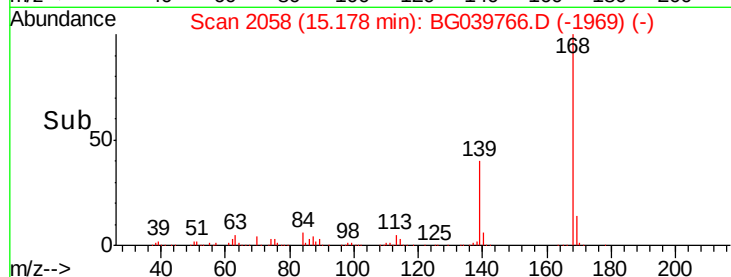
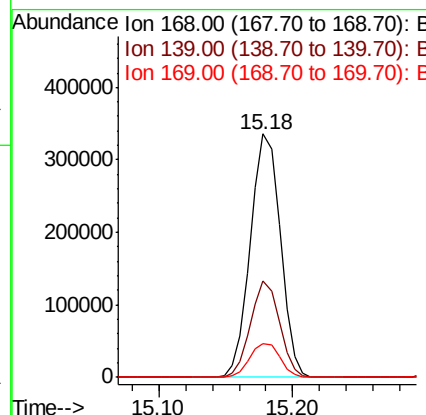
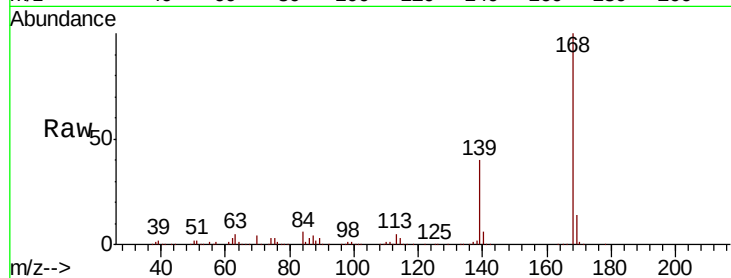
#55
Dibenzenofuran
Concen: 40.931 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.1	45.1
169	13.7	10.6	16.0

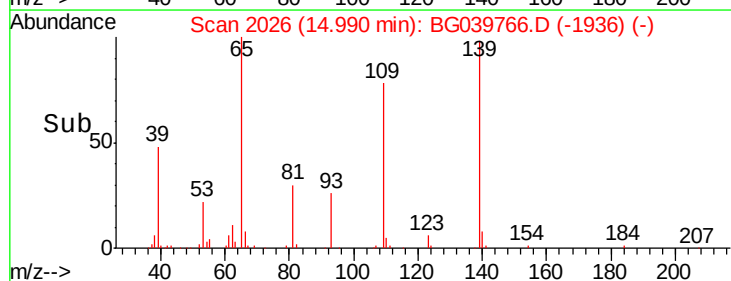
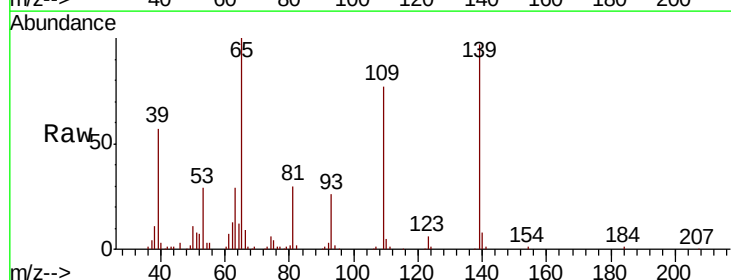
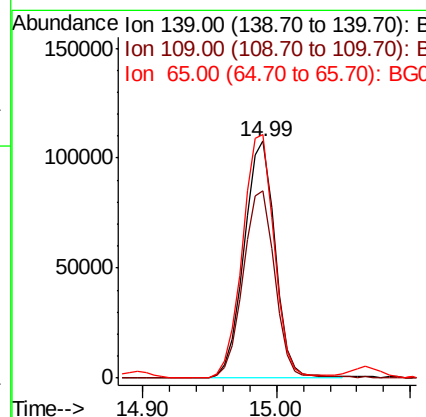
Manual Integrations
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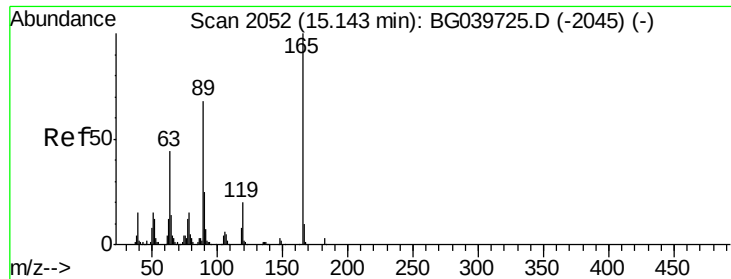
Sohil
3/6/2019 12:01:07 PM



#56
4-Nitrophenol
Concen: 85.677 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.4	61.9	101.9
65	102.9	99.1	139.1





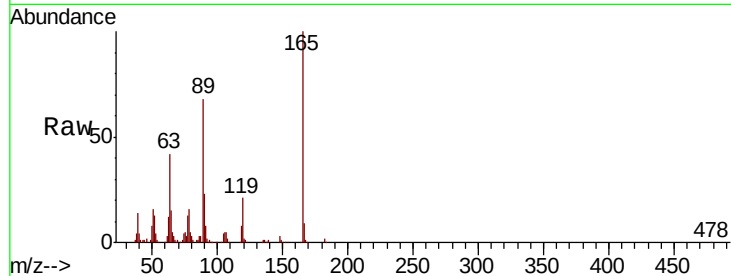
#57
2,4-Dinitrotoluene
Concen: 44.654 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

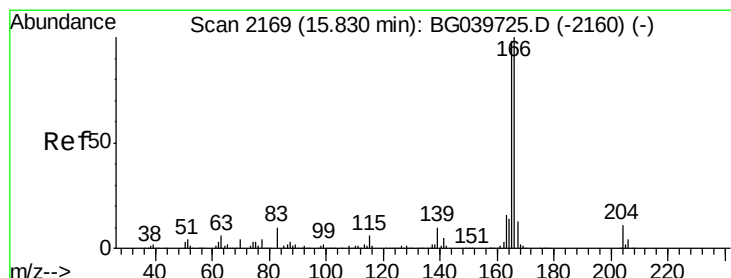
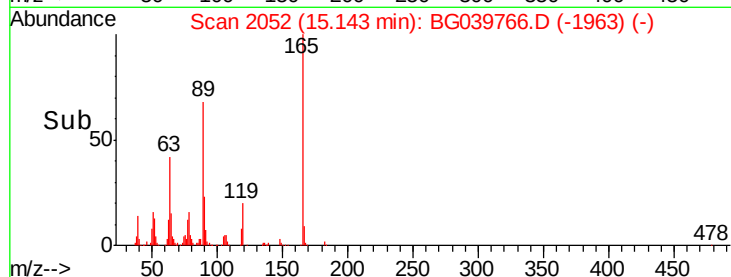
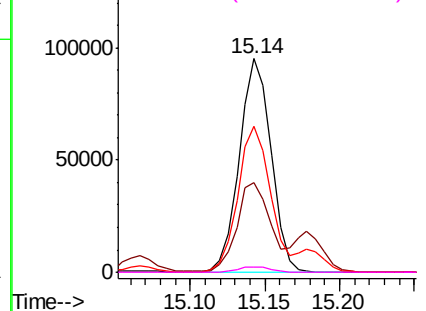
Tot Ion	Ratio	Resp	Lower	Upper
165	100	140848		
63	42.0		41.0	61.6
89	68.4		64.6	96.8
182	2.4		2.0	3.0

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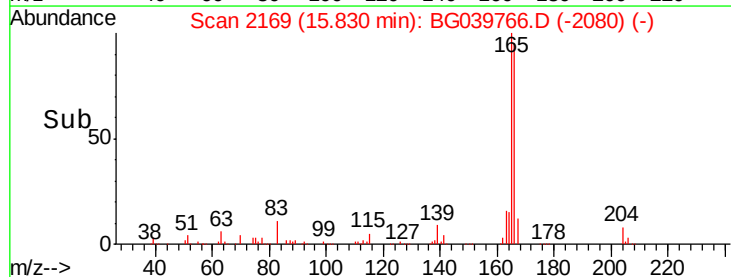
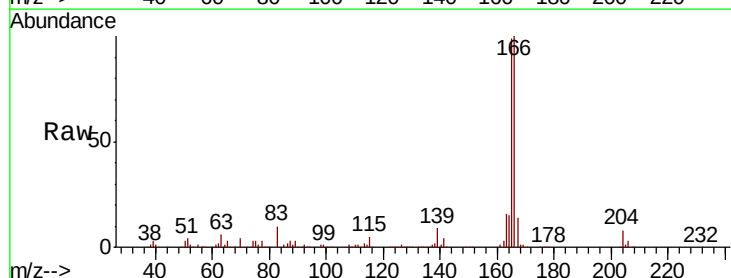
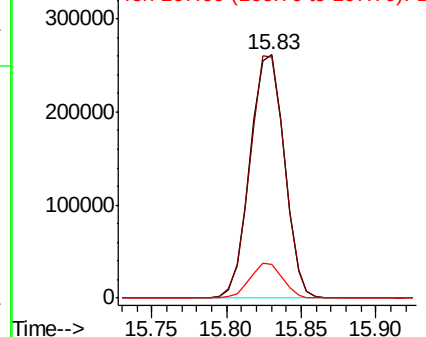
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

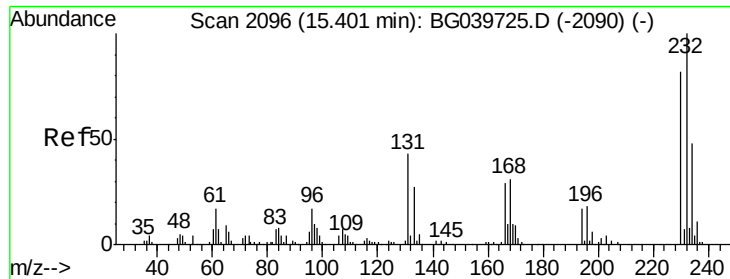


#58
Fluorene
Concen: 41.471 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	414107		
165	98.8		77.9	116.9
167	13.8		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





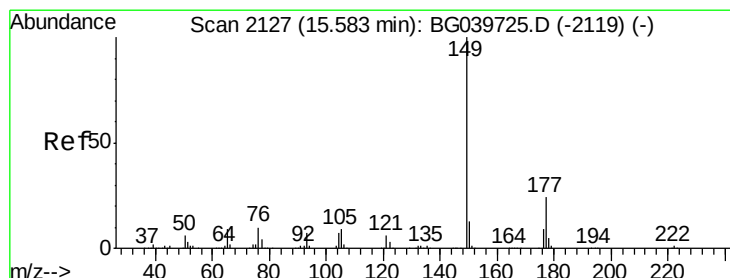
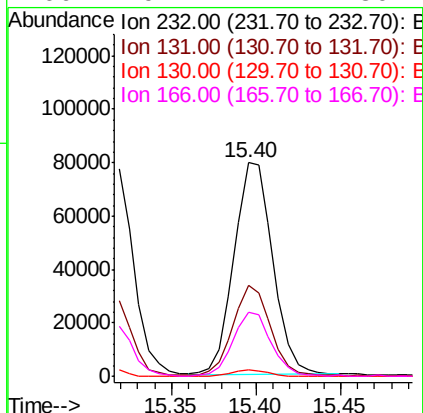
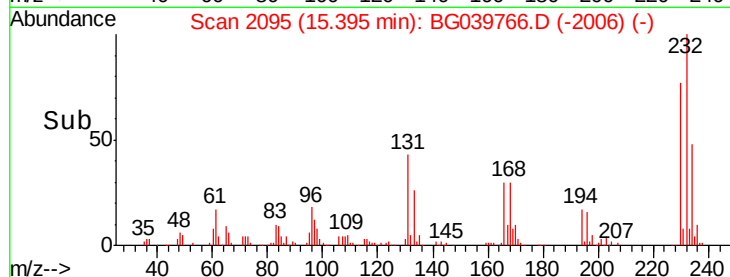
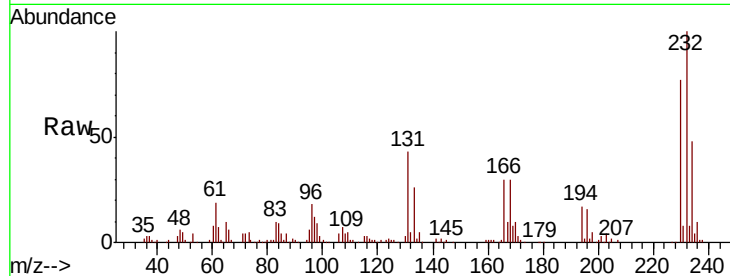
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.852 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG039766.D
 Acq: 5 Mar 2019 16:07

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.3	34.9	52.3
130	2.5	2.0	3.0
166	29.7	24.1	36.1

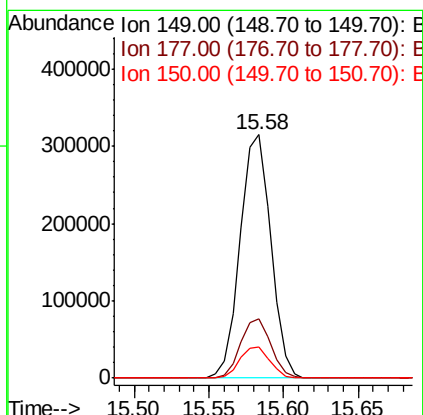
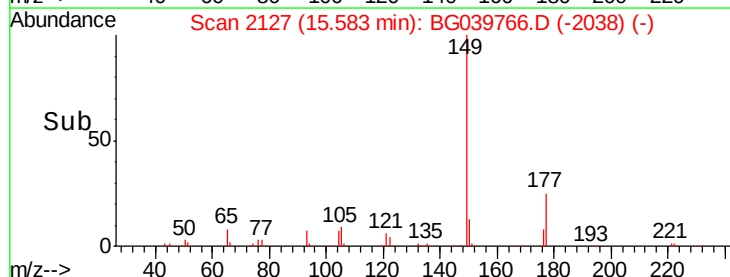
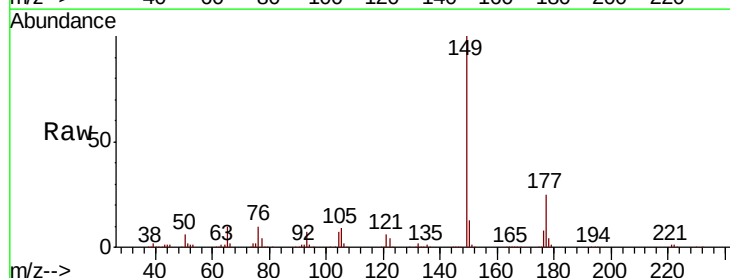
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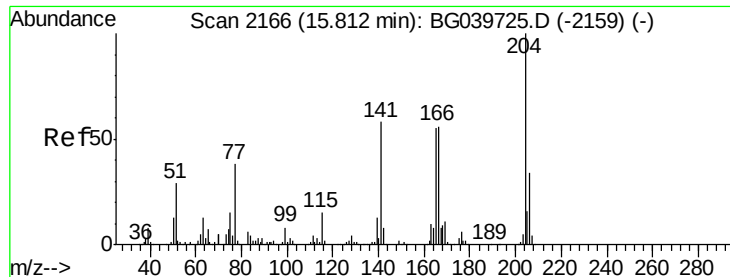
Sohil
 3/6/2019 12:01:07 PM



#60
 Diethylphthalate
 Concen: 42.849 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG039766.D
 Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.3	27.5
150	12.9	10.2	15.2





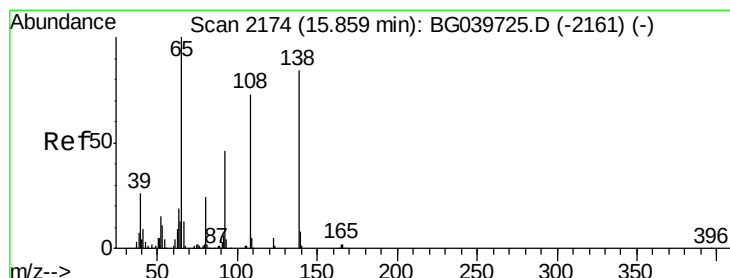
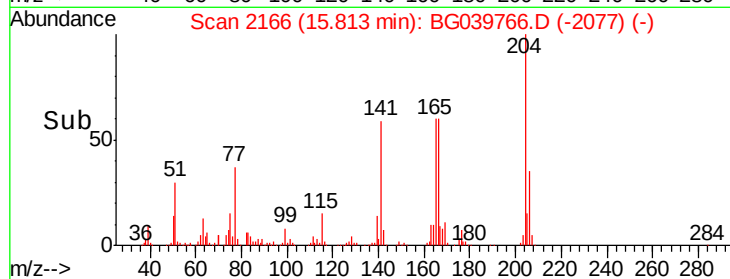
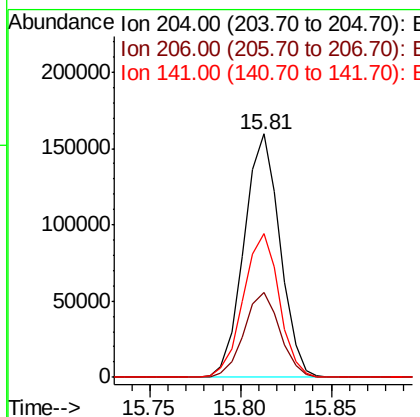
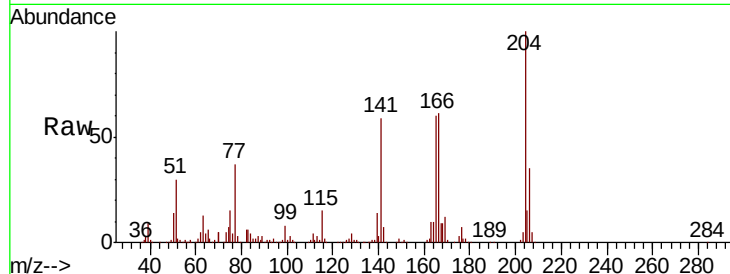
#61
4-Chlorophenyl-phenylether
Concen: 41.183 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	29.2	43.8
141	59.0	49.0	73.4

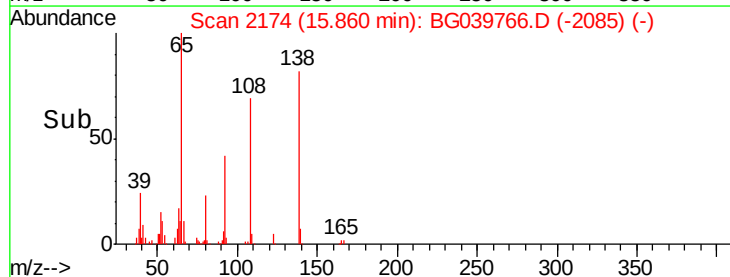
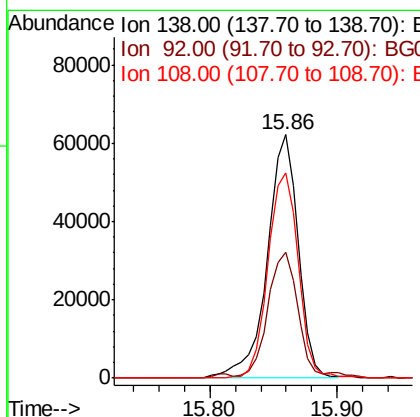
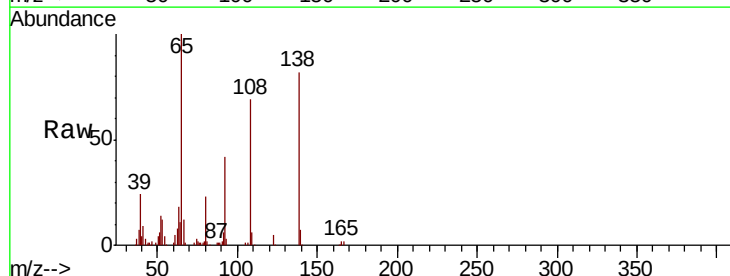
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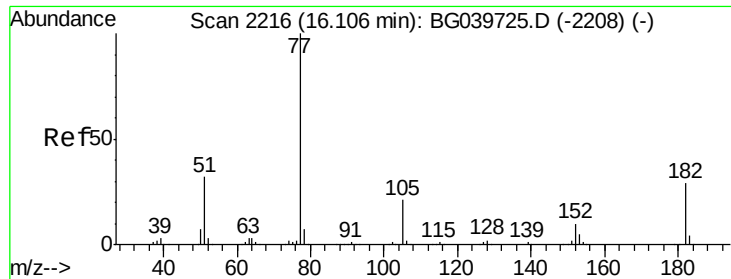
Sohil
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#62
4-Nitroaniline
Concen: 43.026 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	38.7	78.7
108	84.4	74.6	114.6





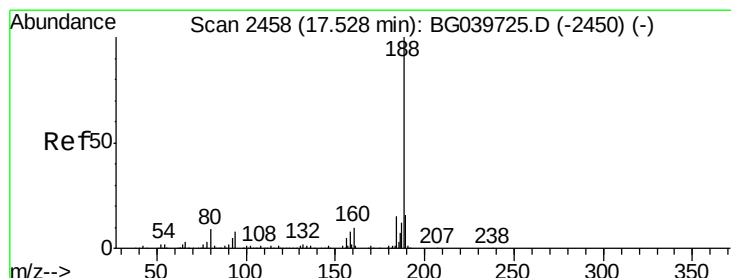
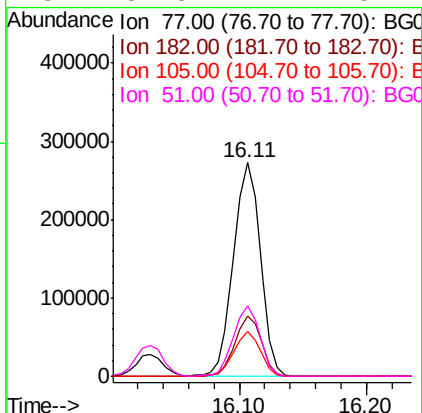
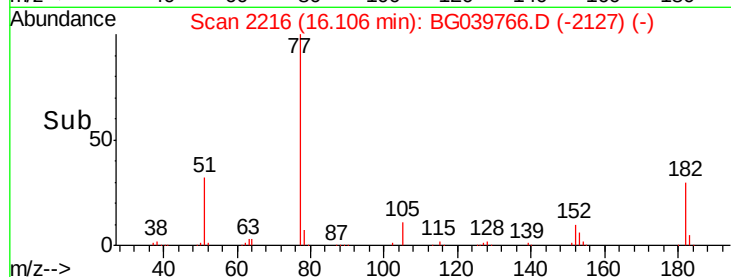
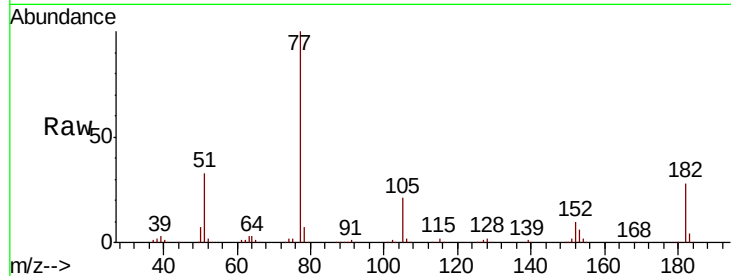
#63
Azobenzene
Concen: 42.121 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.4	6.4	46.4	
105	20.7	0.0	39.8	
51	32.8	14.1	54.1	

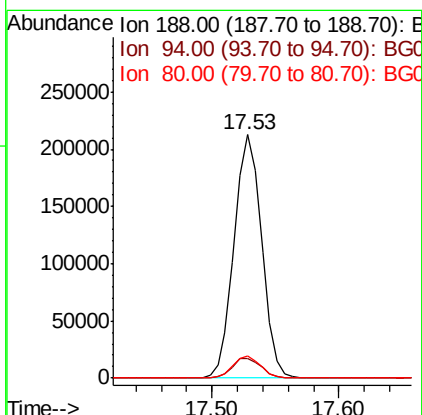
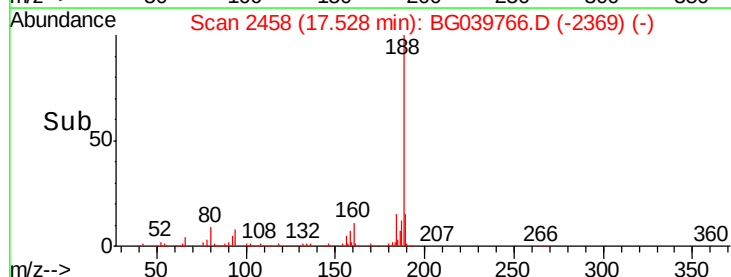
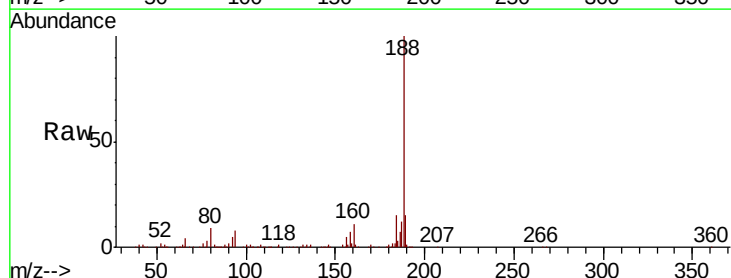
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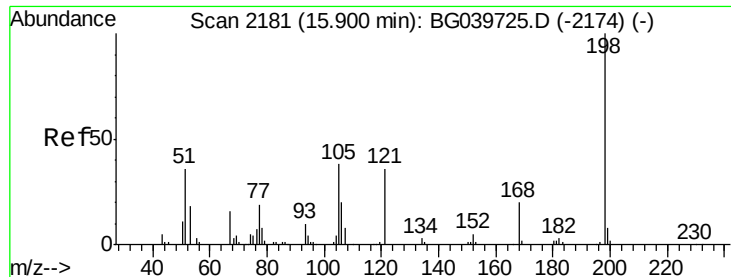
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	6.9	10.3	
80	9.0	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 41.749 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Instrument :

BNA_G

ClientSampleId :

PB117619BSD

Tot Ion:198 Resp: 78830

Ion Ratio Lower Upper

198 100

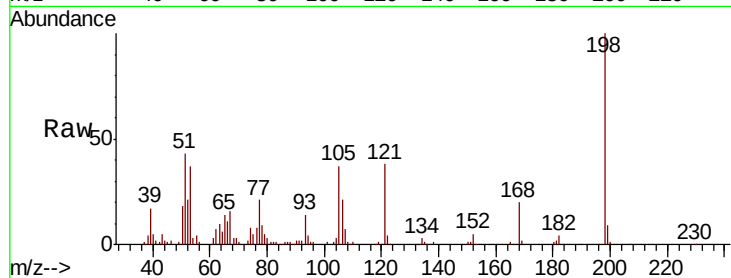
51 42.6 27.4 67.4

105 36.6 19.7 59.7

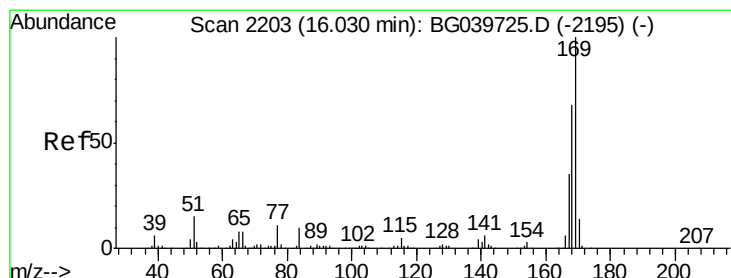
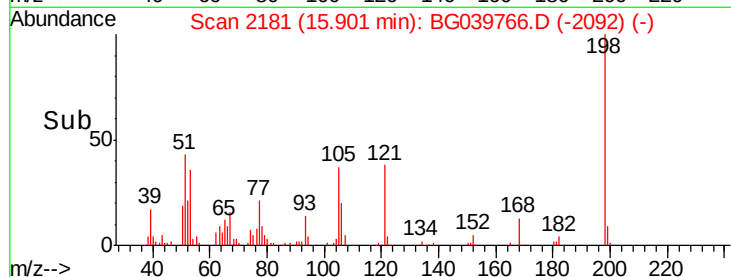
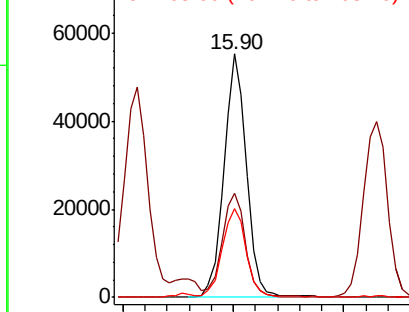
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.867 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

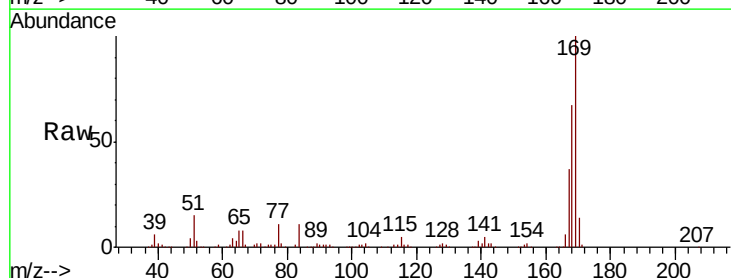
Tgt Ion:169 Resp: 387066

Ion Ratio Lower Upper

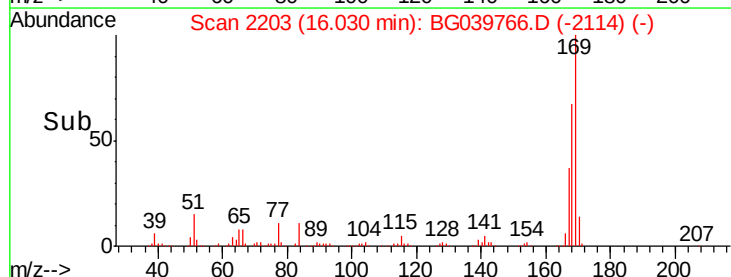
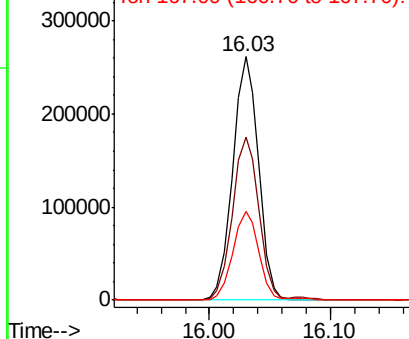
169 100

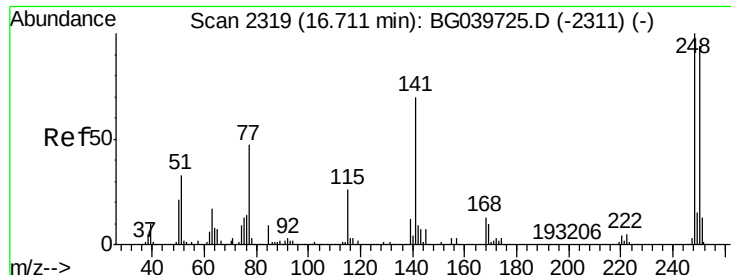
168 66.8 56.6 85.0

167 36.6 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: 40.757 ng

RT: 16.71 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Instrument :

BNA_G

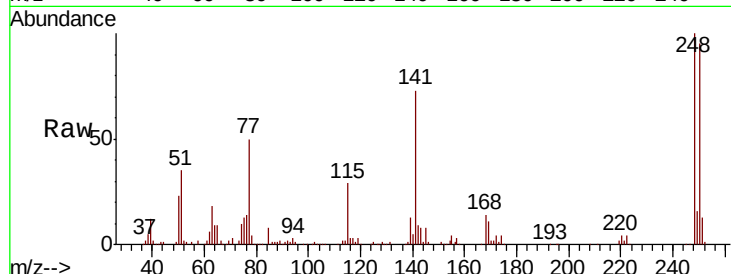
ClientSampled :

PB117619BSD

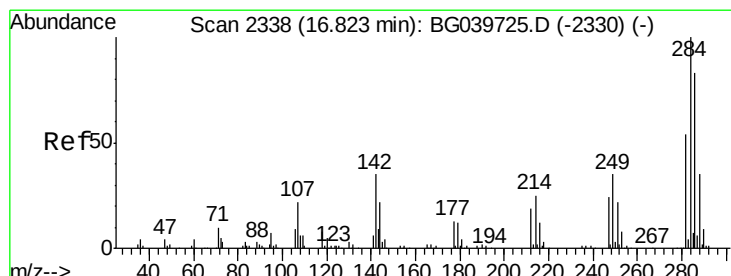
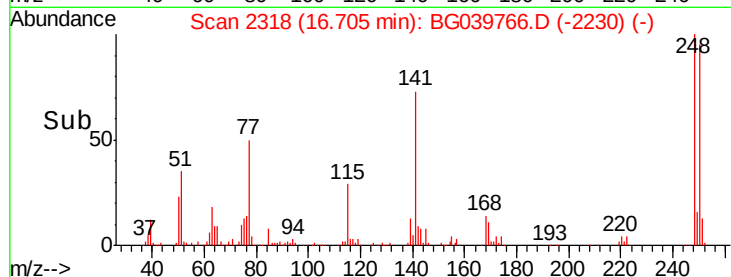
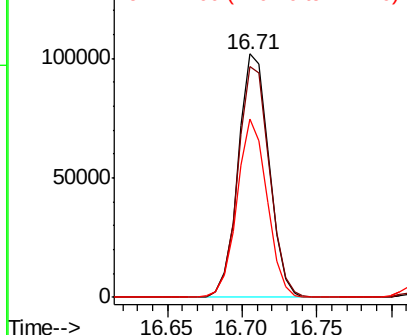
Tot Ion:	248	Resp:	145686
Ion Ratio	Lower	Upper	
248	100		
250	95.0	77.6	116.4
141	73.3	63.9	95.9

Manual Integrations
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.148 ng

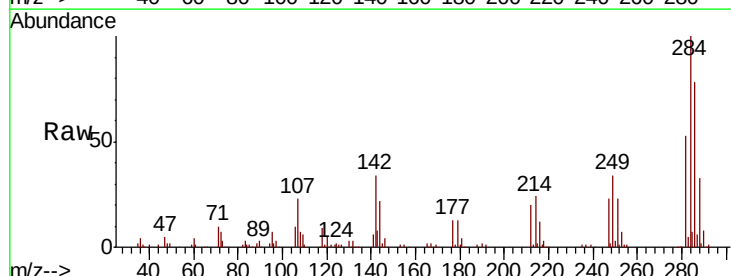
RT: 16.82 min Scan# 2337

Delta R.T. -0.01 min

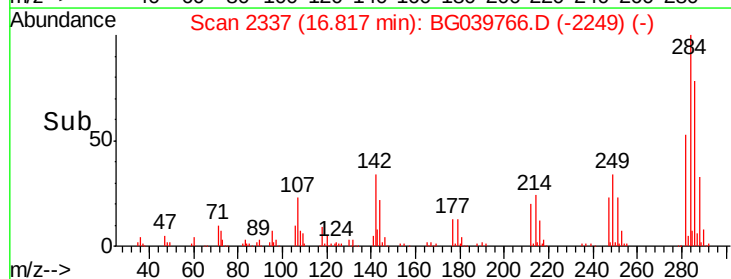
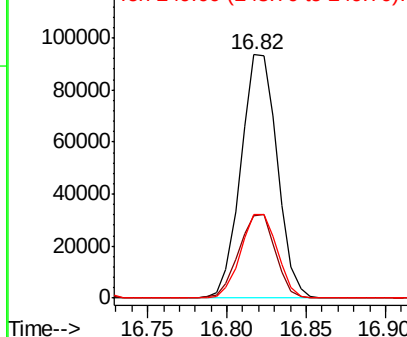
Lab File: BG039766.D

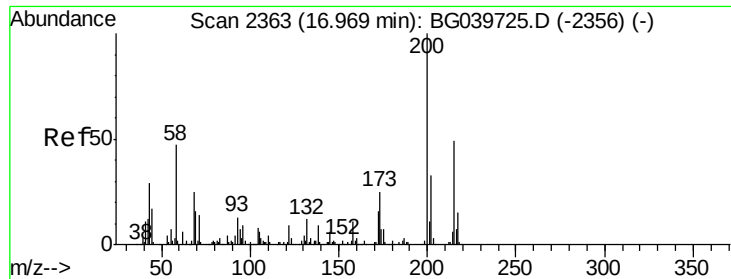
Acq: 5 Mar 2019 16:07

Tgt Ion:	284	Resp:	148758
Ion Ratio	Lower	Upper	
284	100		
142	33.9	30.6	45.8
249	34.2	28.2	42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





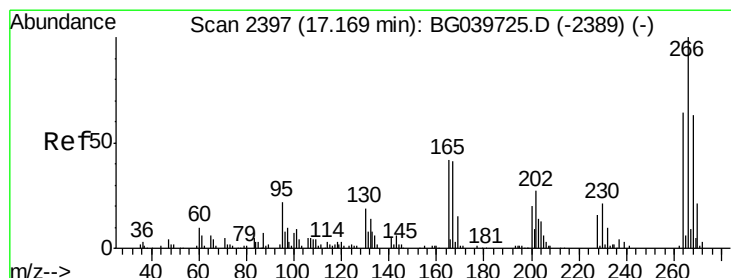
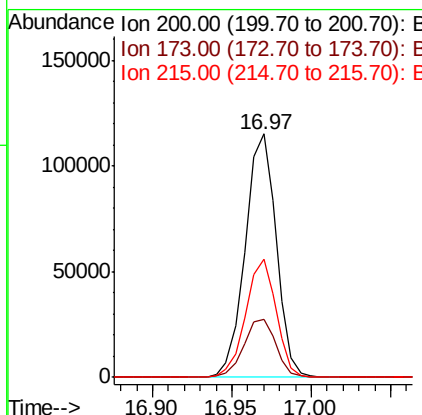
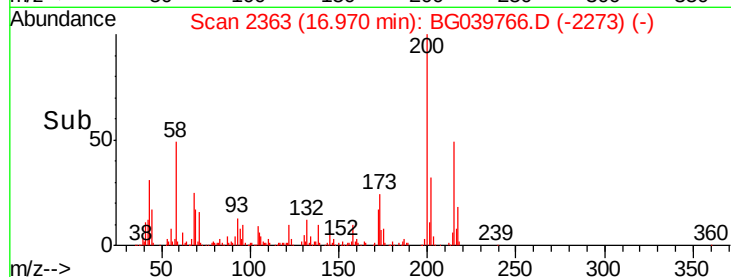
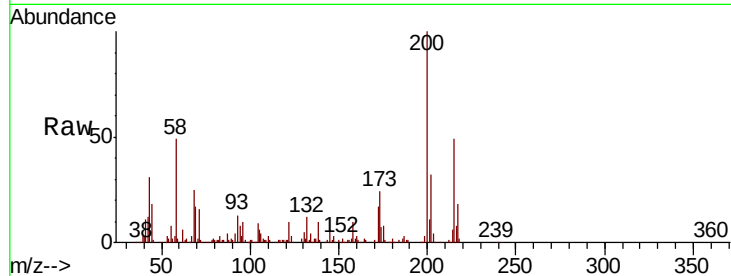
#69
Atrazine
Concen: 42.936 ng
RT: 16.97 min Scan# 2363
Delta R.T. -0.00 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	156224		
173	24.1	3.9	43.9	
215	48.5	30.9	70.9	

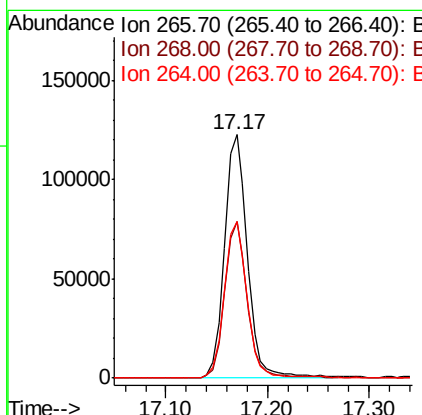
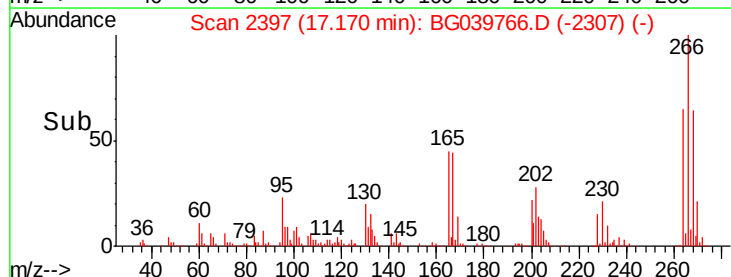
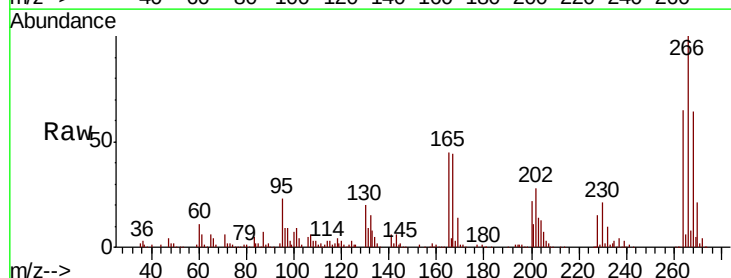
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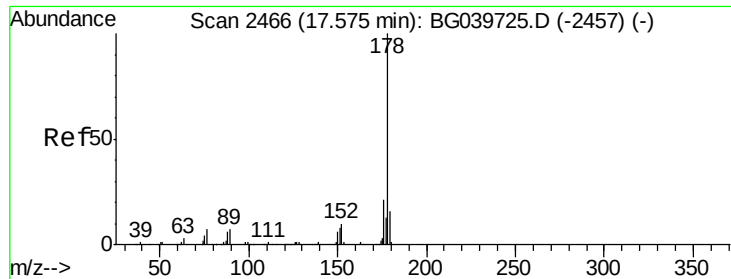
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#70
Pentachlorophenol
Concen: 82.011 ng
RT: 17.17 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	191910		
268	64.4	51.1	76.7	
264	64.6	52.1	78.1	





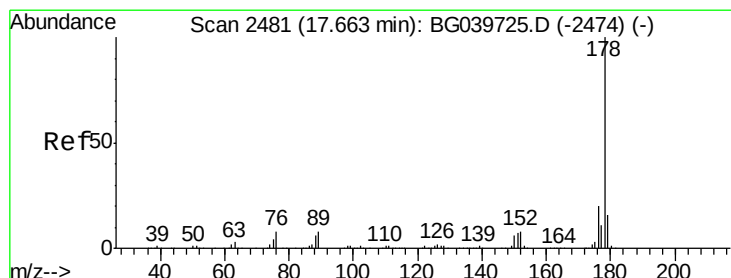
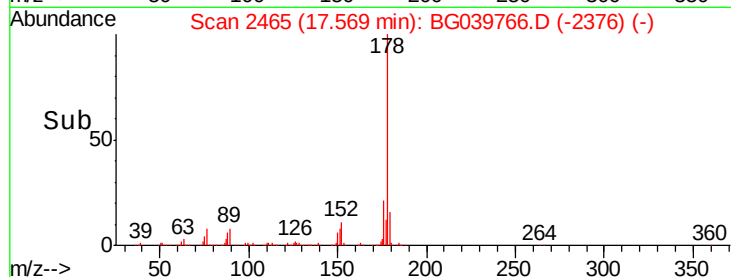
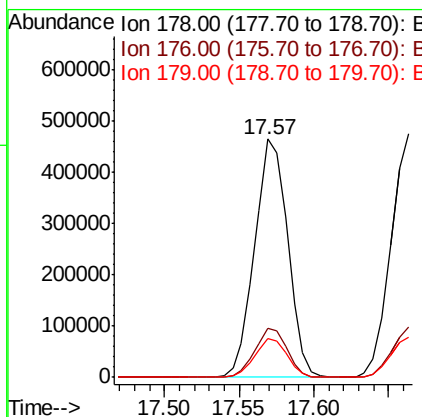
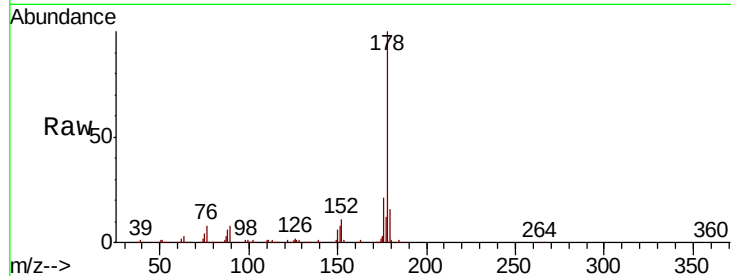
#71
Phenanthrene
Concen: 40.399 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.4	12.6	19.0

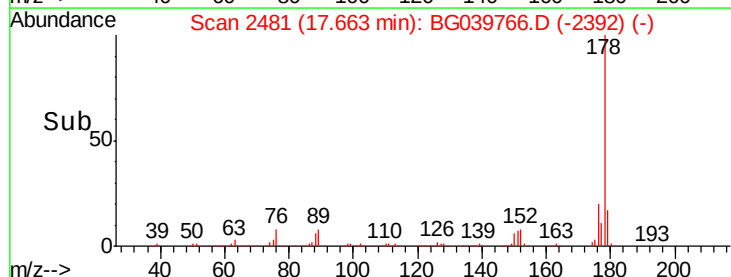
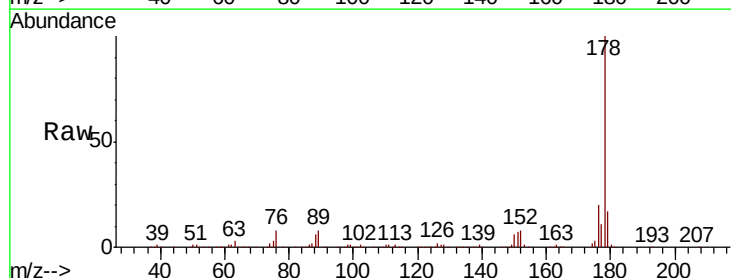
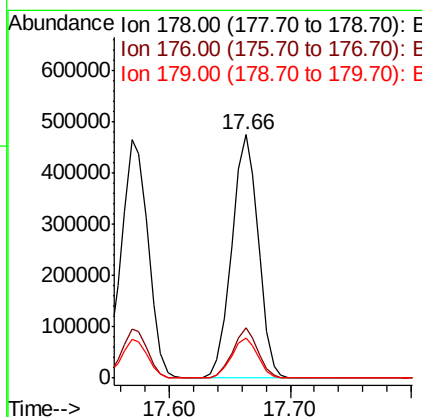
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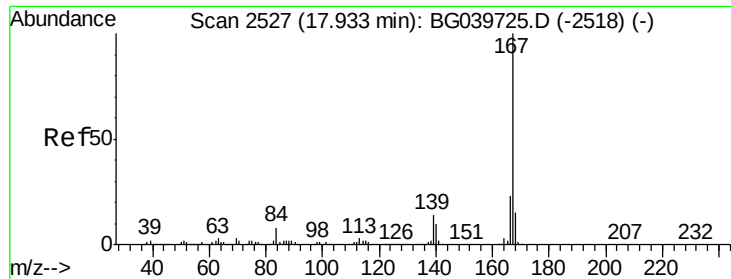
Sohil
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#72
Anthracene
Concen: 42.380 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.6
179	16.6	12.5	18.7





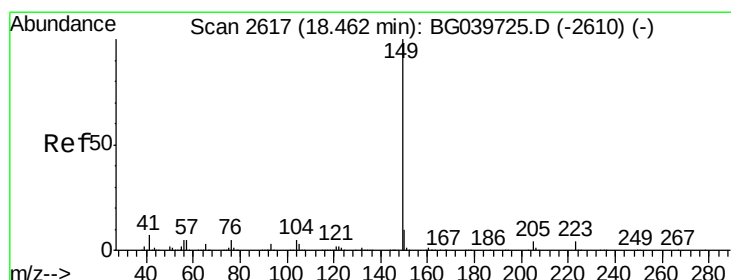
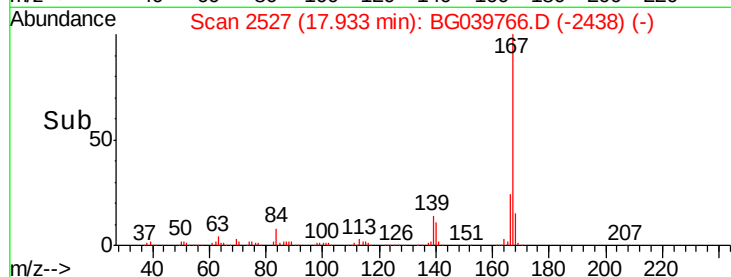
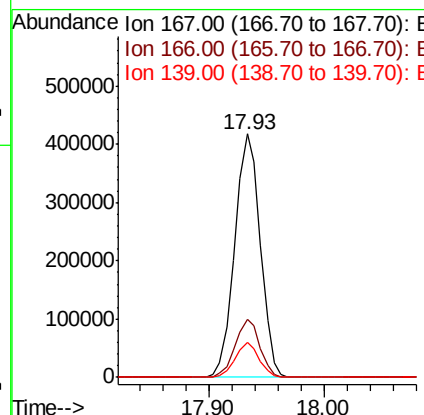
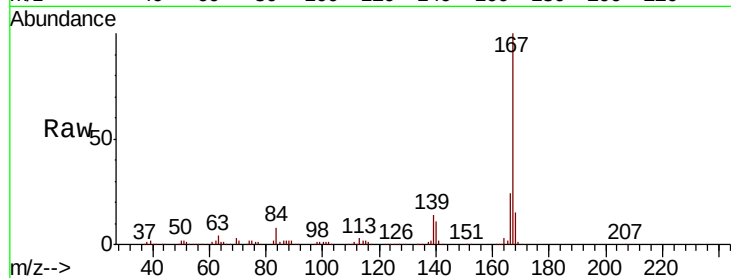
#73
 Carbazole
 Concen: 41.246 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039766.D
 Acq: 5 Mar 2019 16:07

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	14.2	10.8	16.2

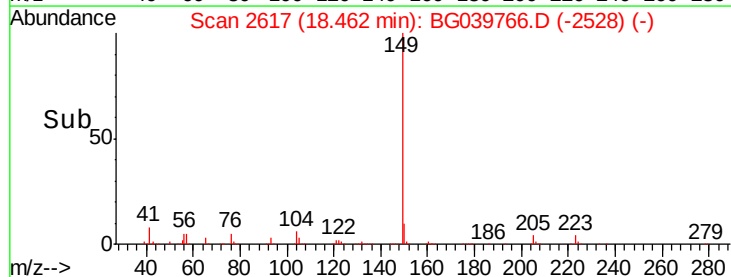
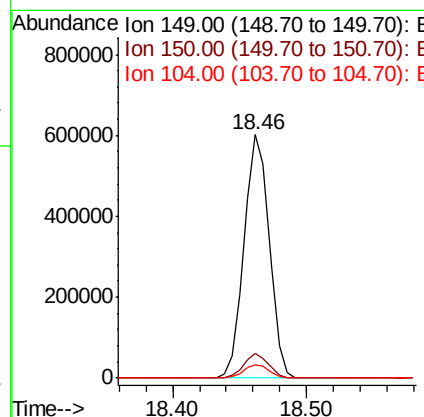
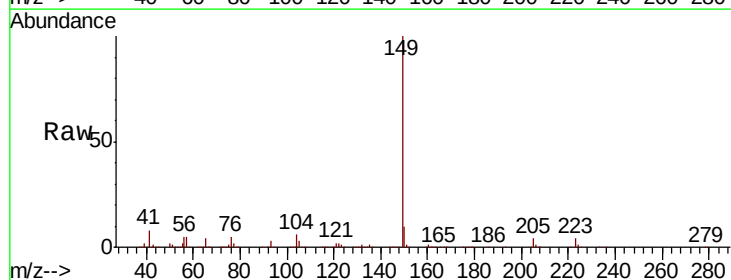
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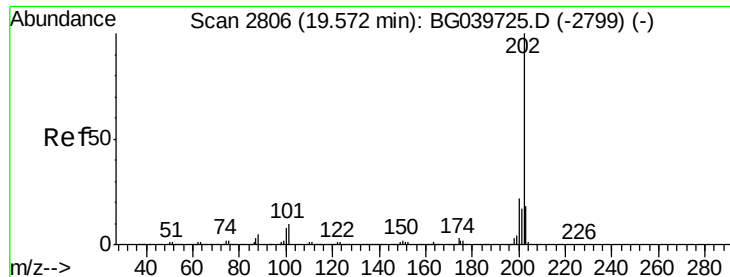
Sohil
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#74
 Di-n-butylphthalate
 Concen: 42.930 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039766.D
 Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 41.578 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Instrument :

BNA_G

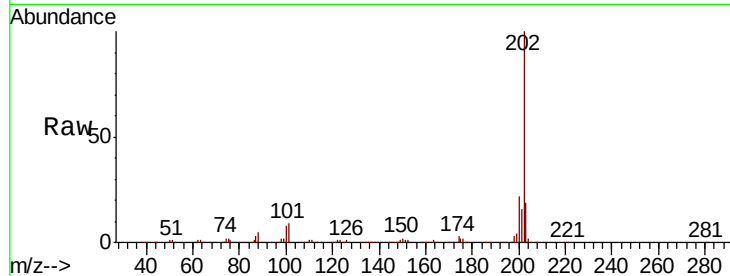
ClientSampleId :

PB117619BSD

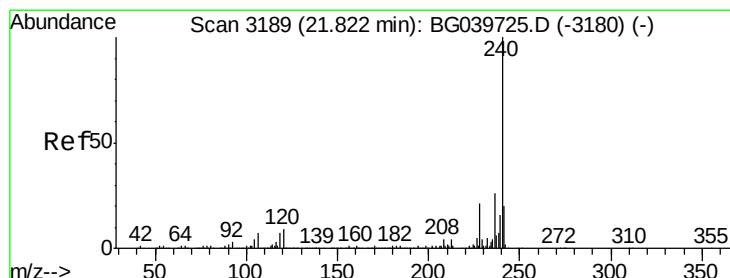
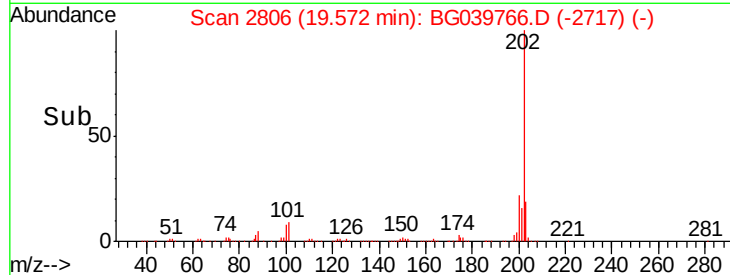
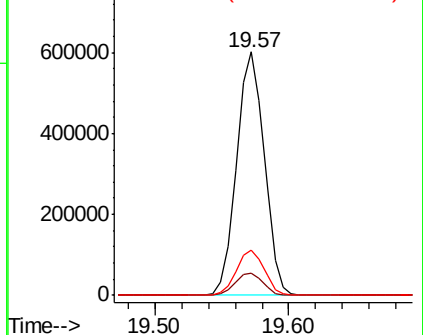
Tot Ion:	202	Resp:	864336
Ion Ratio		Lower	Upper
202	100		
101	9.3	0.0	30.0
203	18.7	0.0	38.9

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

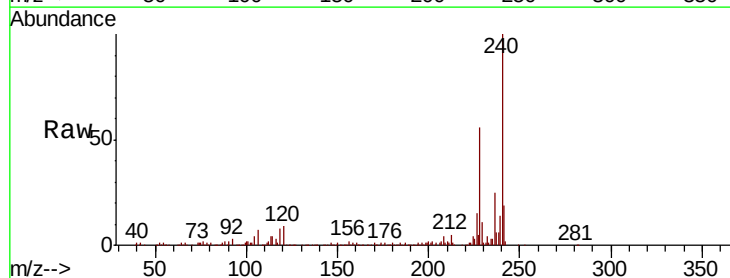
RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

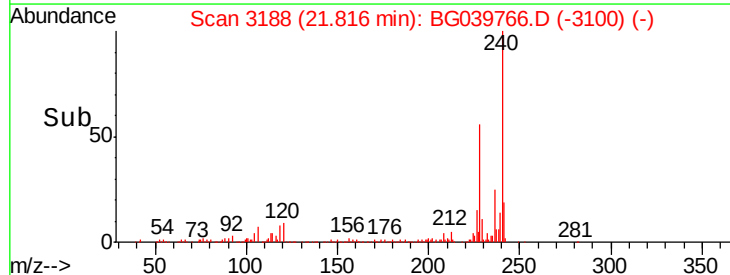
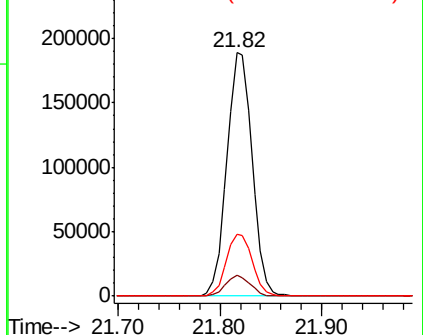
Lab File: BG039766.D

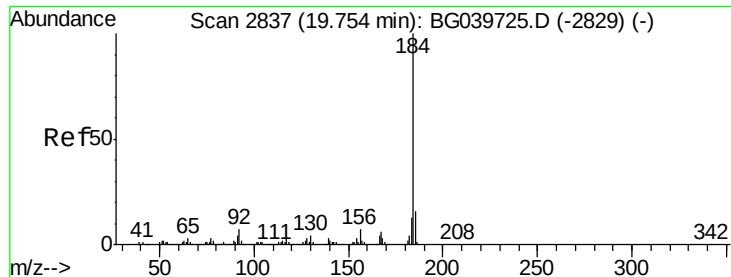
Acq: 5 Mar 2019 16:07

Tgt Ion:	240	Resp:	326917
Ion Ratio		Lower	Upper
240	100		
120	8.5	7.0	10.6
236	25.3	21.0	31.4



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





#77

Benzidine

Concen: 38.456 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Instrument :

BNA_G

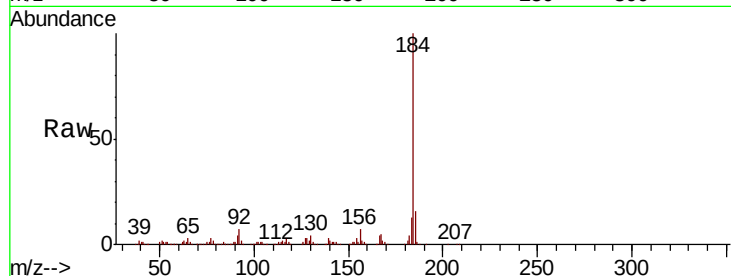
ClientSampleId :

PB117619BSD

Tot Ion:	184	Resp:	398942
Ion Ratio	Lower	Upper	
184	100		
185	16.5	12.2	18.2
183	13.3	10.6	15.8

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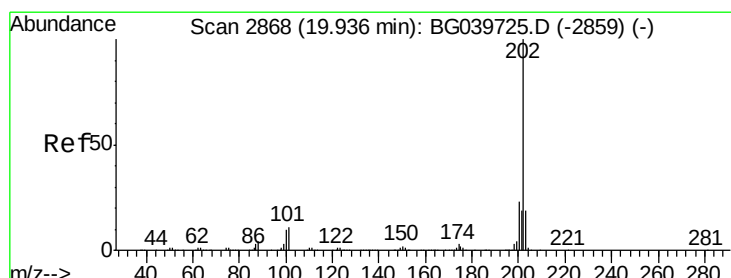
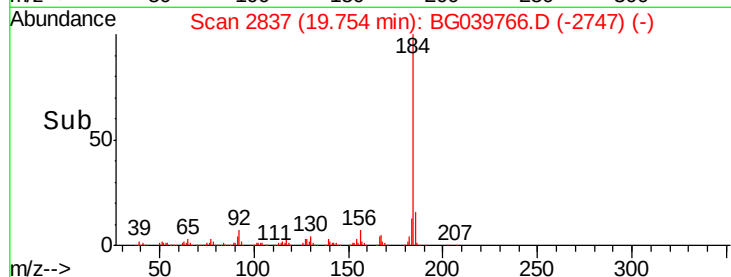
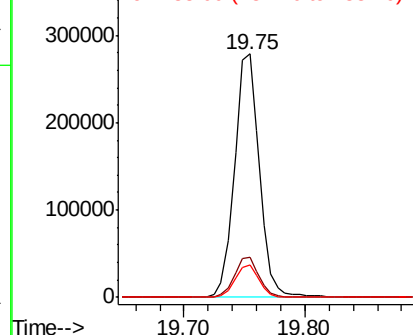


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.595 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

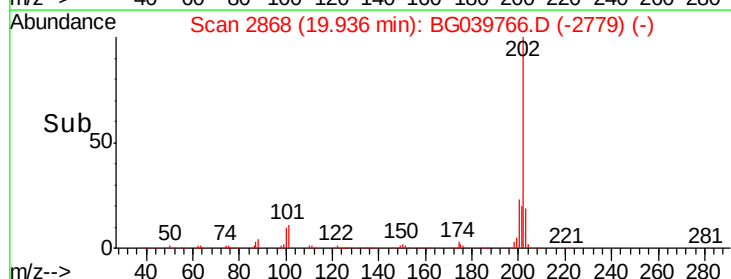
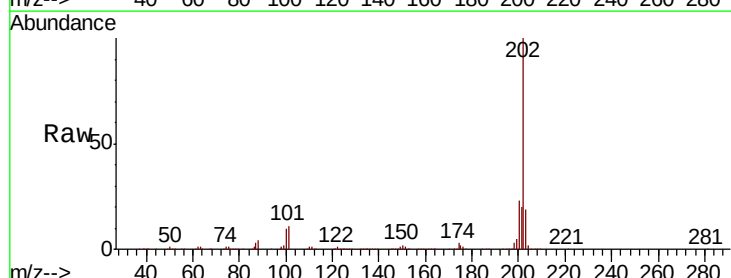
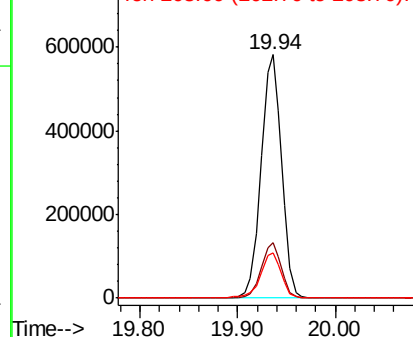
Tgt Ion:	202	Resp:	862365
Ion Ratio	Lower	Upper	
202	100		
200	22.8	17.8	26.8
203	18.6	15.3	22.9

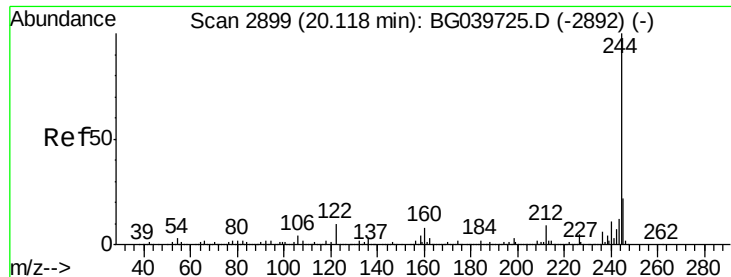
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.687 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Instrument :

BNA_G

ClientSampleId :

PB117619BSD

Tot Ion:244 Resp: 1153472

Ion Ratio Lower Upper

244 100

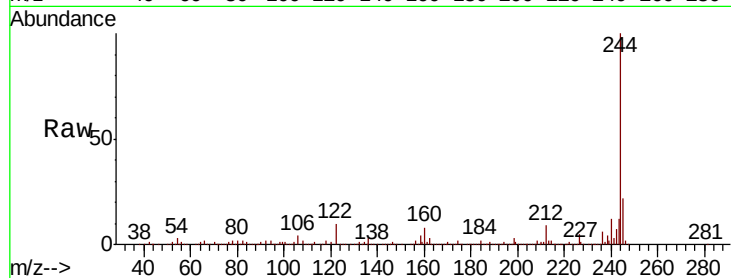
212 9.0 7.3 10.9

122 9.6 8.4 12.6

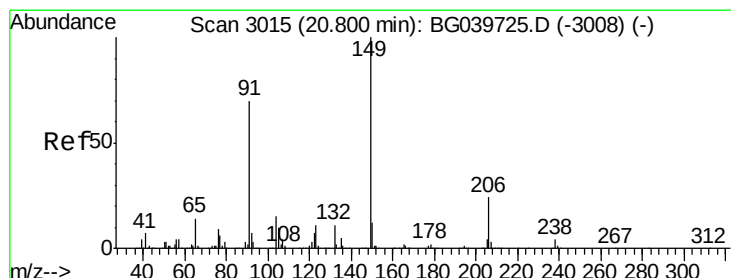
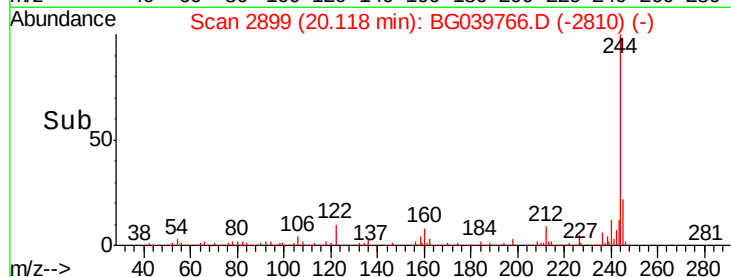
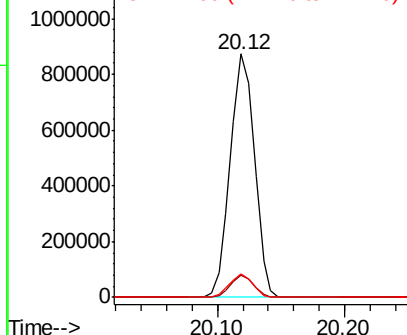
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.121 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

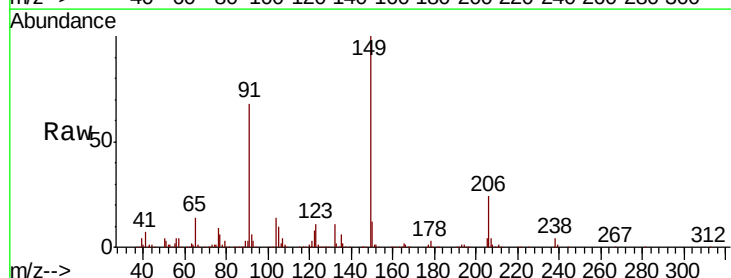
Tgt Ion:149 Resp: 363122

Ion Ratio Lower Upper

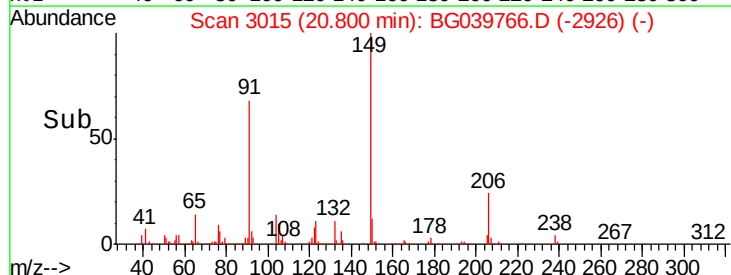
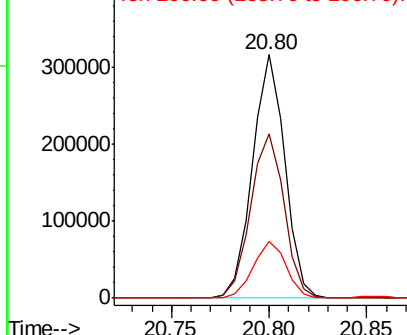
149 100

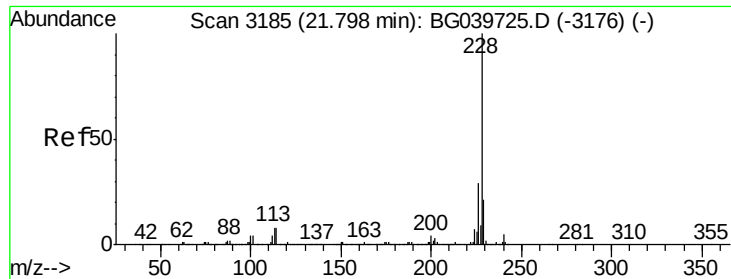
91 67.6 59.5 89.3

206 23.6 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





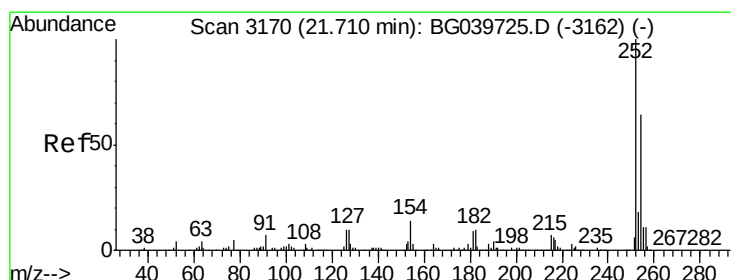
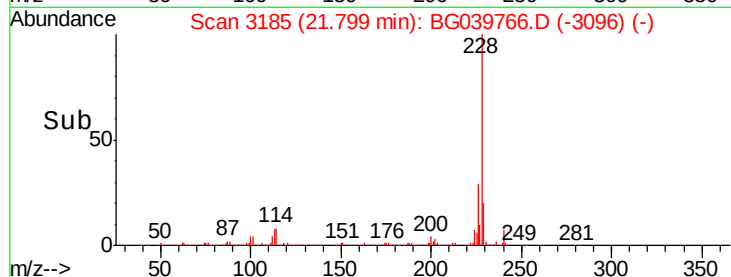
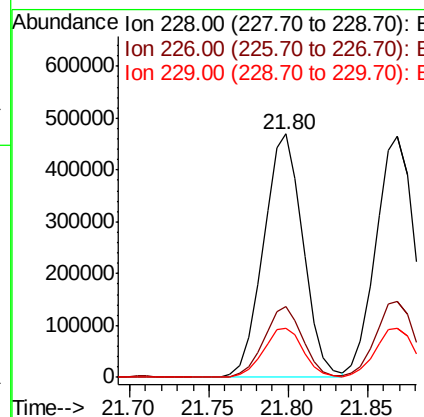
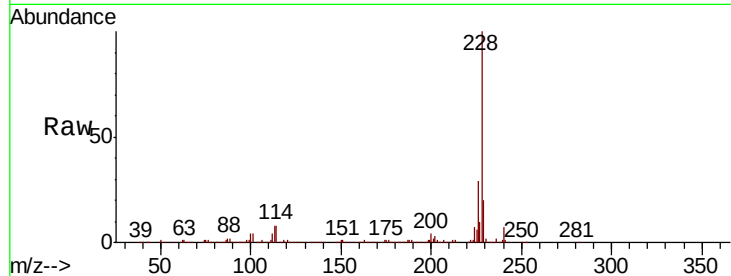
#81
Benzo(a)anthracene
Concen: 39.604 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	20.4	16.9	25.3

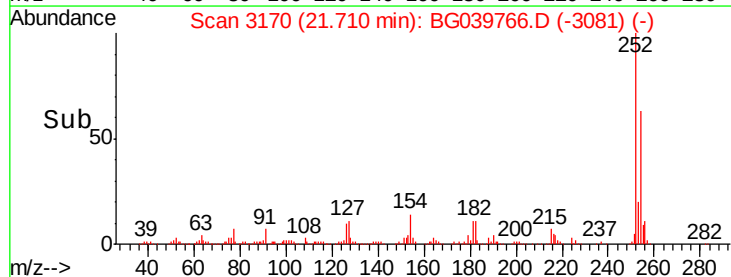
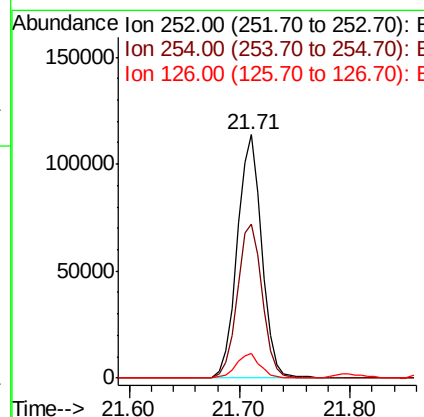
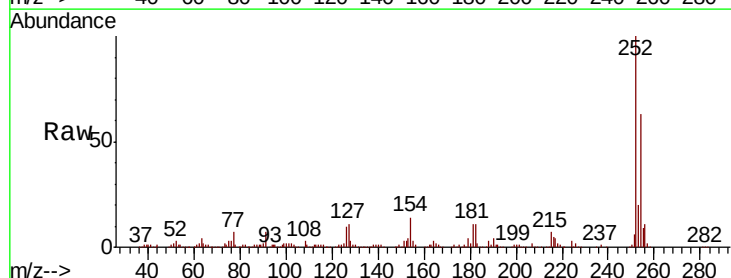
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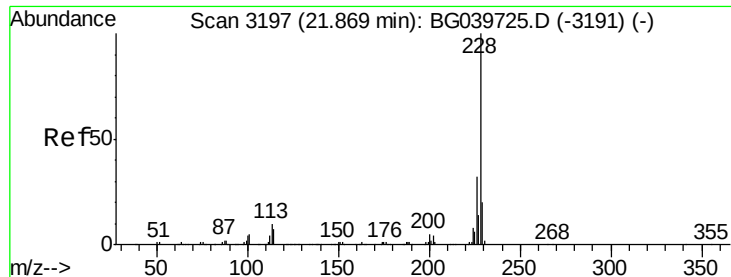
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#82
3,3'-Dichlorobenzidine
Concen: 23.664 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.3	76.9
126	10.2	8.0	12.0





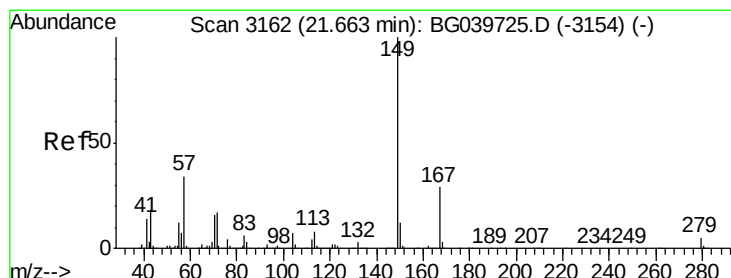
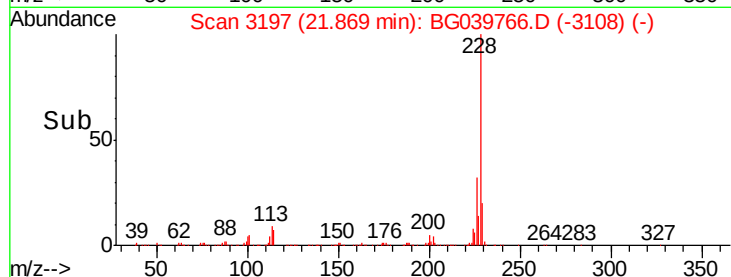
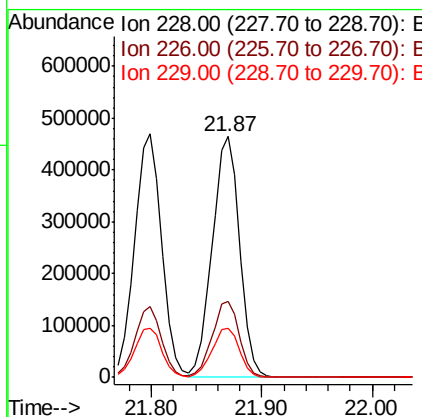
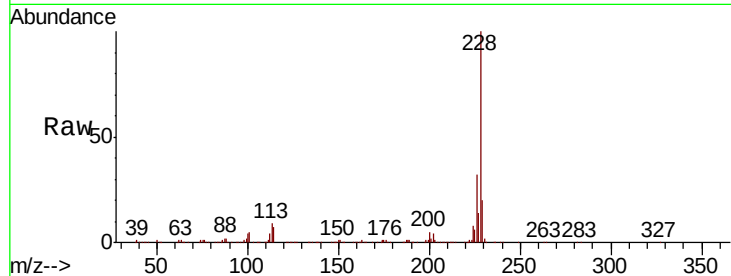
#83
Chrysene
Concen: 39.814 ng
RT: 21.87 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.8	38.6
229	20.5	16.6	25.0

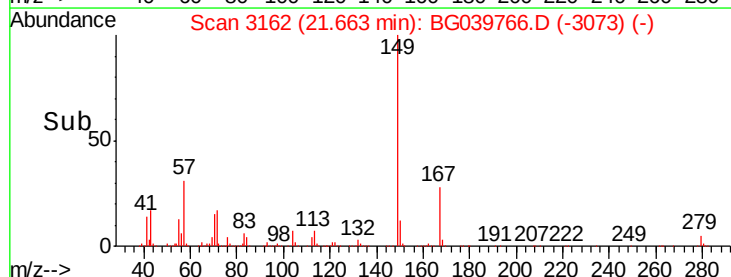
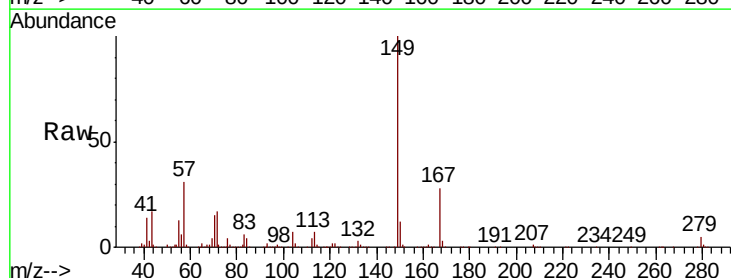
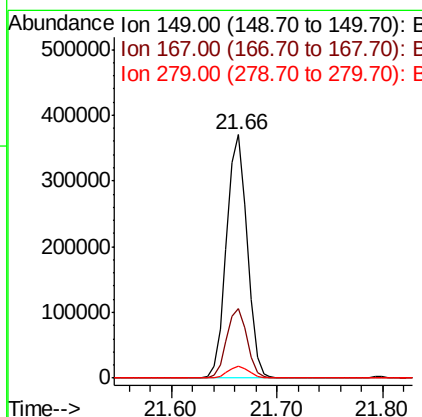
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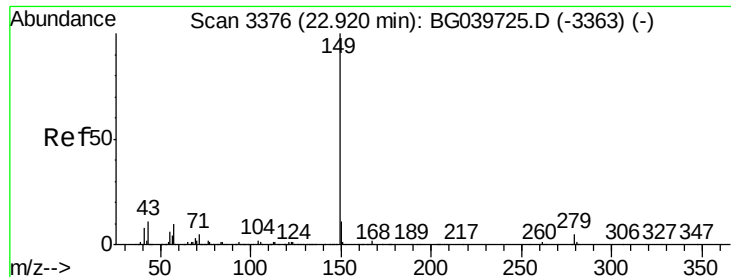
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.209 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	34.0
279	4.8	3.5	5.3





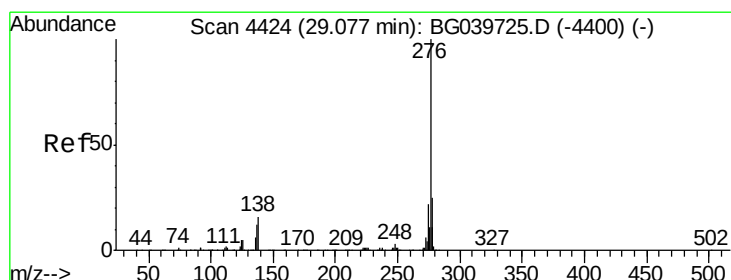
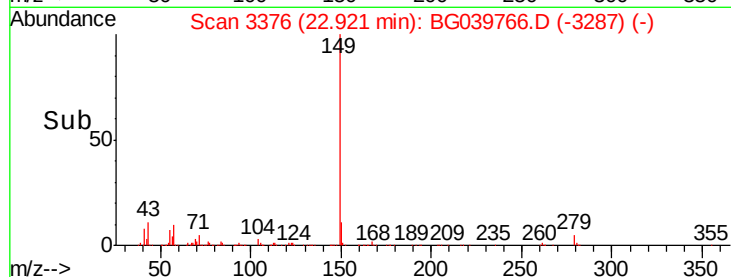
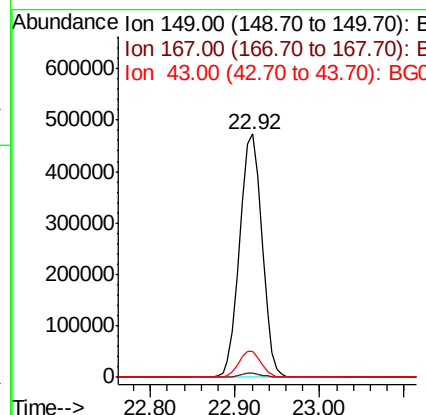
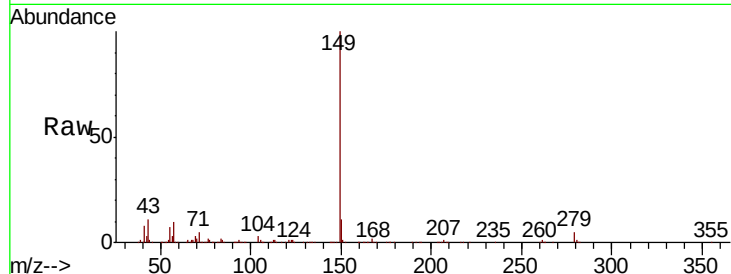
#85
Di-n-octyl phthalate
Concen: 44.909 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	859998		
167	1.6		1.3	1.9
43	10.9		10.2	15.4

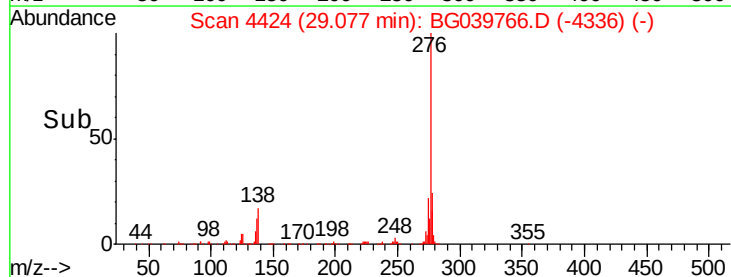
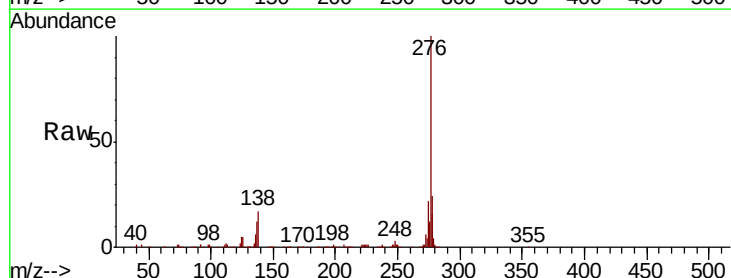
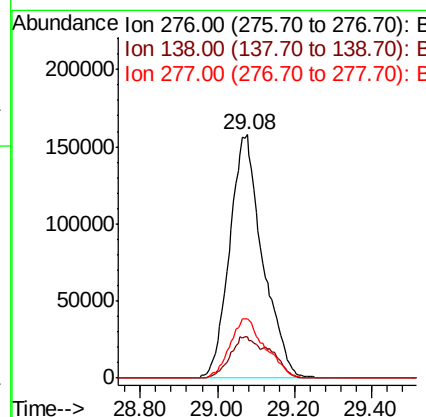
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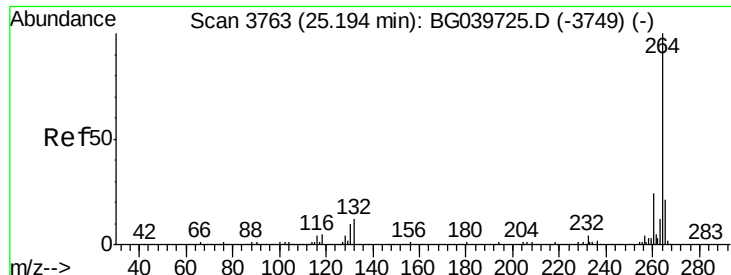
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.762 ng
RT: 29.08 min Scan# 4424
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	941065		
138	14.7		12.6	19.0
277	26.1		20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Instrument :

BNA_G

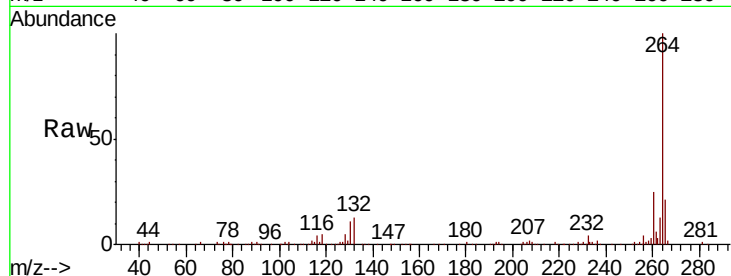
ClientSampleId :

PB117619BSD

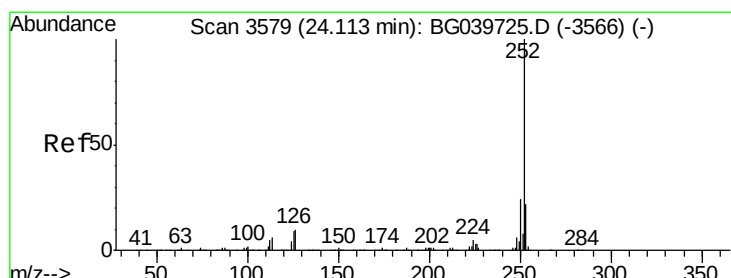
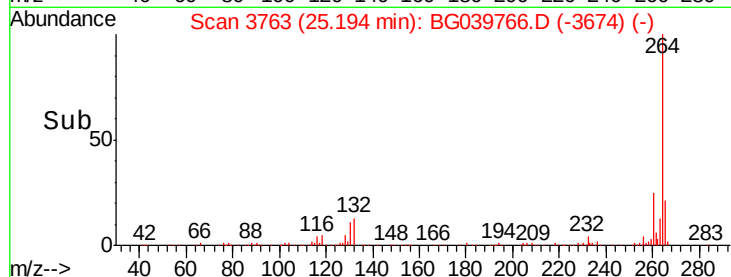
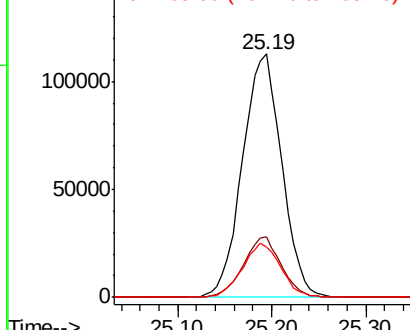
Tot Ion:	264	Resp:	326049
Ion Ratio	Lower	Upper	
264	100		
260	24.9	18.2	27.4
265	20.7	18.5	27.7

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: 42.756 ng

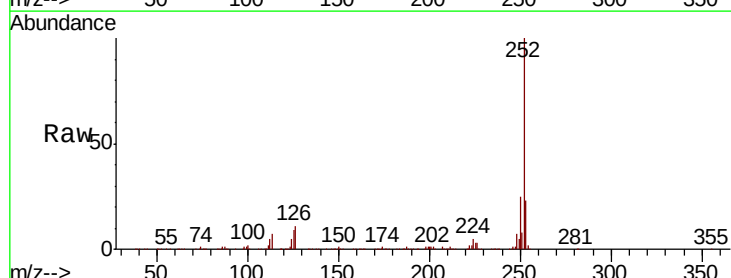
RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

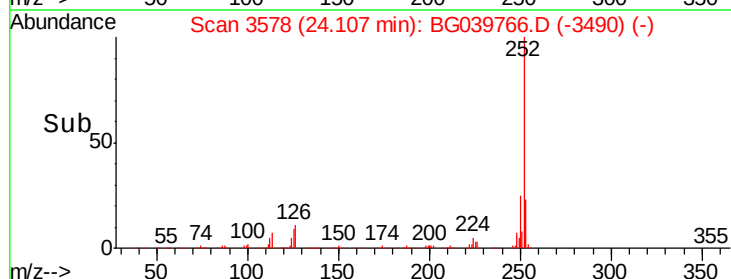
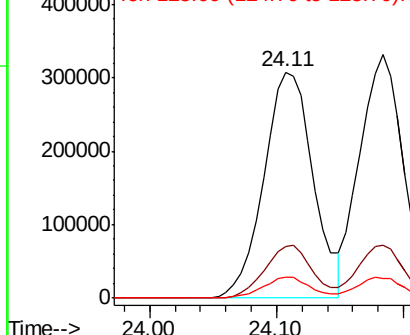
Lab File: BG039766.D

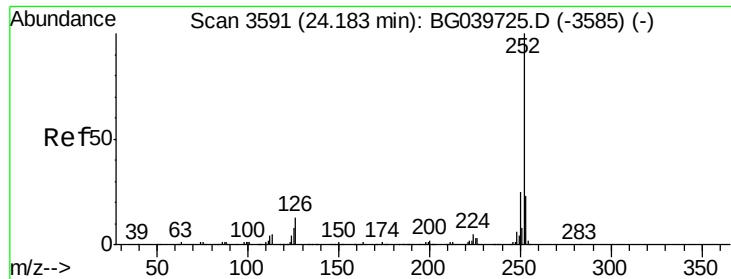
Acq: 5 Mar 2019 16:07

Tgt Ion:	252	Resp:	831306
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	9.2	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





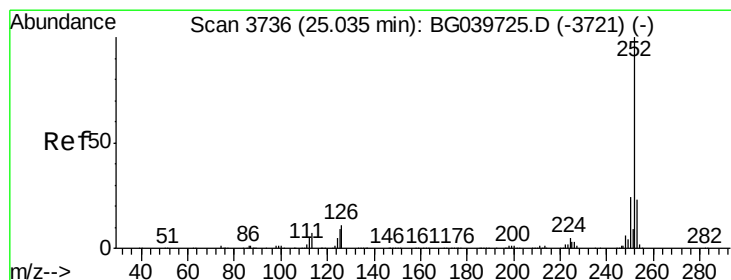
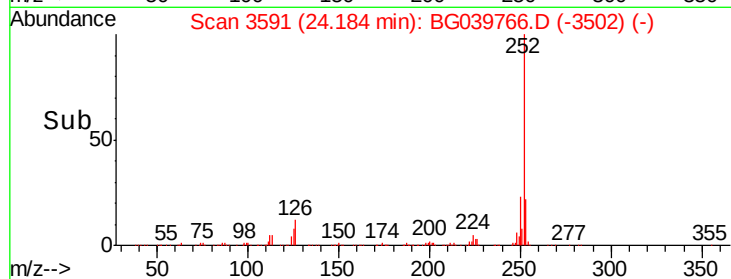
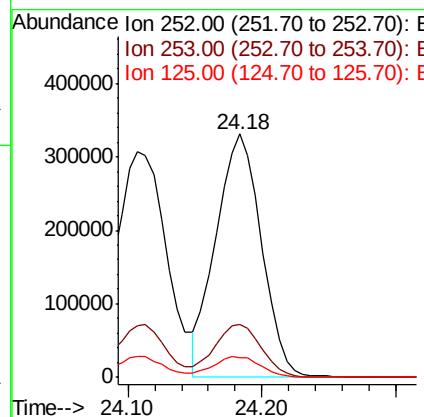
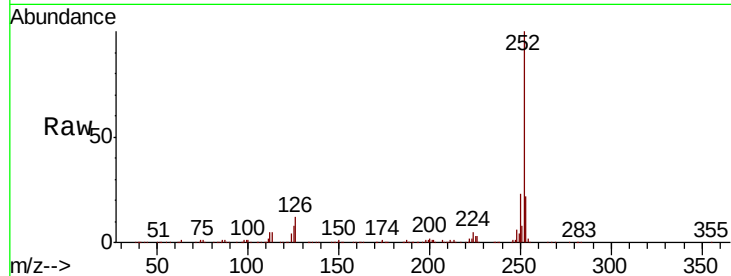
#89
Benzo(k)fluoranthene
Concen: 43.340 ng
RT: 24.18 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Instrument :
BNA_G
ClientSampleId :
PB117619BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	8.0	7.4	11.2

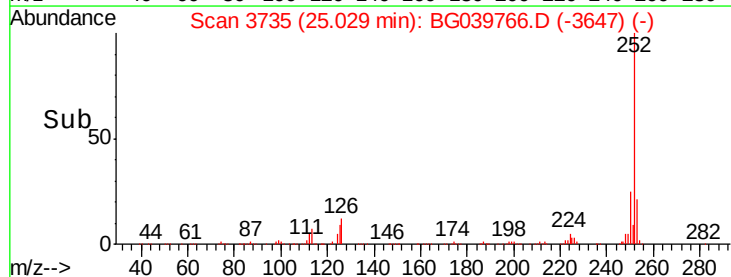
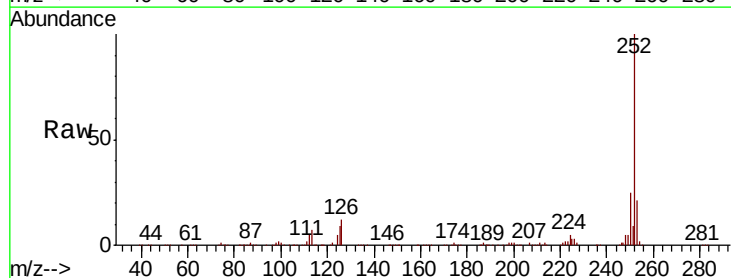
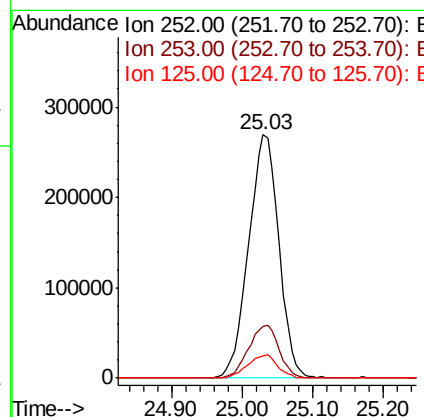
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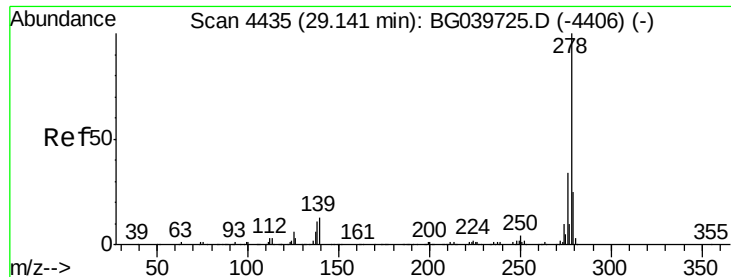
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#90
Benzo(a)pyrene
Concen: 44.743 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039766.D
Acq: 5 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	9.3	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 43.637 ng

RT: 29.14 min Scan# 4434

Delta R.T. -0.02 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Instrument :

BNA_G

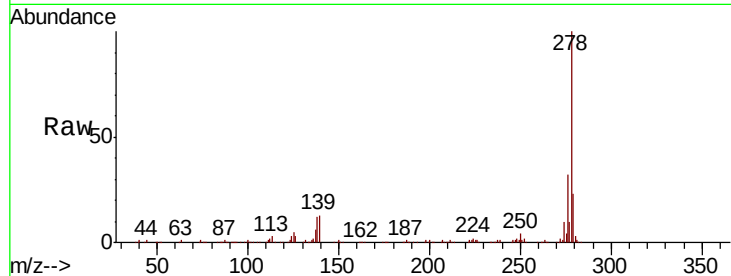
ClientSampleId :

PB117619BSD

Tot Ion:	278	Resp:	768595
Ion Ratio	Lower	Upper	
278	100		
139	13.4	11.7	17.5
279	23.4	19.1	28.7

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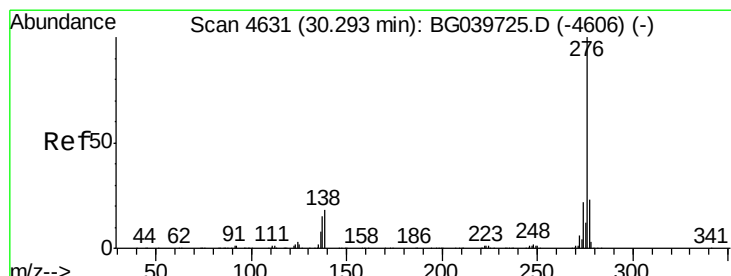
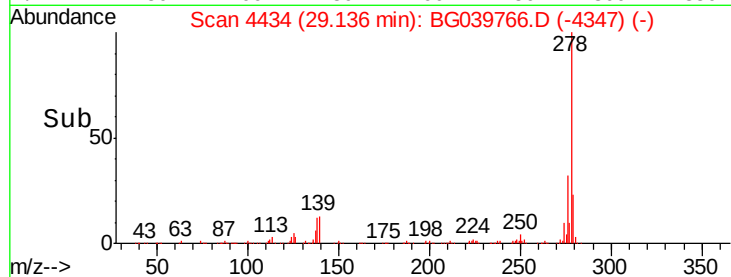
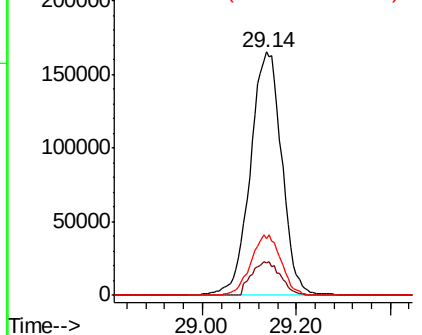


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.184 ng

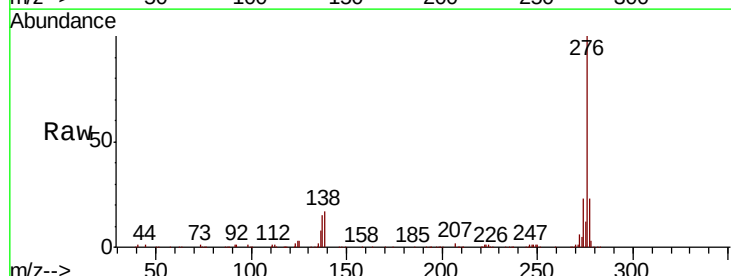
RT: 30.30 min Scan# 4632

Delta R.T. -0.01 min

Lab File: BG039766.D

Acq: 5 Mar 2019 16:07

Tgt Ion:	276	Resp:	781593
Ion Ratio	Lower	Upper	
276	100		
277	22.7	19.6	29.4
138	17.0	14.7	22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

