

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039733.D
 Acq On : 4 Mar 2019 16:13
 Operator : JU/SJ
 Sample : PB117572BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Manual Integrations
 APPROVED

Sohil
 3/5/2019 5:21:38 PM

Quant Time: Mar 05 06:34:28 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	41430	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	181941	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	126106	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	317403	20.00	ng	0.00
76) Chrysene-d12	21.82	240	330262	20.00	ng	0.00
87) Perylene-d12	25.19	264	338265	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	352841	145.29	ng	0.00
7) Phenol-d6	7.31	99	497021	137.26	ng	0.00
23) Nitrobenzene-d5	9.33	82	257148	76.44	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	203558	138.49	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	654180	73.86	ng	-0.01
79) Terphenyl-d14	20.12	244	1123958	74.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	43369	38.682	ng	94
3) Pyridine	3.99	79	110004	36.649	ng	98
4) n-Nitrosodimethylamine	3.91	42	56036	39.353	ng	86
6) Aniline	7.48	93	144939	30.552	ng	98
8) 2-Chlorophenol	7.72	128	123271	41.841	ng	98
9) Benzaldehyde	7.30	77	79625	34.089	ng	99
10) Phenol	7.33	94	170998	43.592	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	115506	37.767	ng	98
12) 1,3-Dichlorobenzene	8.05	146	125011	37.517	ng	97
13) 1,4-Dichlorobenzene	8.19	146	129736	38.225	ng	99
14) 1,2-Dichlorobenzene	8.51	146	122714	37.421	ng	99
15) Benzyl Alcohol	8.40	79	117016	40.739	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	224503	36.702	ng	96
17) 2-Methylphenol	8.59	107	109255	43.680	ng	96
18) Hexachloroethane	9.24	117	45270	37.173	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	96451	37.007	ng	89
20) 3+4-Methylphenols	8.92	107	152015	43.748	ng	97
22) Acetophenone	8.99	105	179766	36.813	ng	# 93
24) Nitrobenzene	9.38	77	138831	39.339	ng	97
25) Isophorone	9.89	82	273198	38.758	ng	98
26) 2-Nitrophenol	10.08	139	69432	40.748	ng	95
27) 2,4-Dimethylphenol	10.13	122	130886	49.390	ng	94
28) bis(2-Chloroethoxy)methane	10.37	93	167133	39.018	ng	99
29) 2,4-Dichlorophenol	10.62	162	137487	46.080	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	130682	38.923	ng	98
31) Naphthalene	11.03	128	379830	39.430	ng	99
32) Benzoic acid	10.26	122	69615	39.598	ng	92
33) 4-Chloroaniline	11.14	127	94899	23.232	ng	95
34) Hexachlorobutadiene	11.29	225	84707	36.921	ng	93
35) Caprolactam	11.92	113	45898m	40.270	ng	
36) 4-Chloro-3-methylphenol	12.24	107	146241	42.757	ng	95
37) 2-Methylnaphthalene	12.62	142	293226	40.715	ng	96
38) 1-Methylnaphthalene	12.84	142	278197	39.749	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	161921	37.902	ng	100

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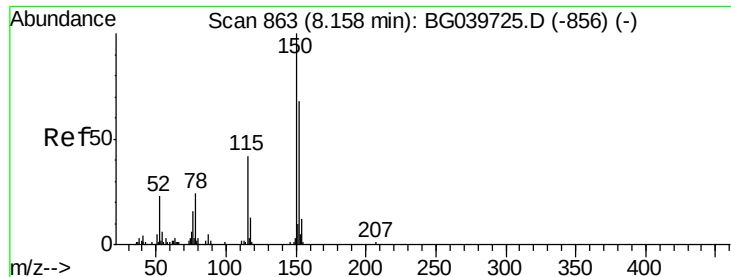
Manual Integrations
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 3/5/2019 5:21:38 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	222350	97.119	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	111751	44.680	ng	99
44) 2,4,5-Trichlorophenol	13.29	196	125317	44.451	ng	98
46) 1,1'-Biphenyl	13.62	154	400476	38.611	ng	99
47) 2-Chloronaphthalene	13.67	162	308223	39.502	ng	98
48) 2-Nitroaniline	13.87	65	106000	42.272	ng	96
49) Acenaphthylene	14.51	152	499043	38.960	ng	99
50) Dimethylphthalate	14.23	163	422876	40.103	ng	99
51) 2,6-Dinitrotoluene	14.36	165	94536	42.289	ng	93
52) Acenaphthene	14.85	154	306141	39.710	ng	100
53) 3-Nitroaniline	14.70	138	60670	26.999	ng	# 97
54) 2,4-Dinitrophenol	14.90	184	114836	81.362	ng	99
55) Dibenzofuran	15.18	168	496089	39.220	ng	99
56) 4-Nitrophenol	14.99	139	166228	82.692	ng	# 86
57) 2,4-Dinitrotoluene	15.14	165	129808	41.326	ng	88
58) Fluorene	15.83	166	399346	40.161	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	123740	44.942	ng	97
60) Diethylphthalate	15.58	149	431830	41.368	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	211223	39.807	ng	96
62) 4-Nitroaniline	15.86	138	98242	40.327	ng	96
63) Azobenzene	16.11	77	382322	40.404	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	78219	41.679	ng	97
66) n-Nitrosodiphenylamine	16.03	169	370661	40.338	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	140572	39.566	ng	94
68) Hexachlorobenzene	16.82	284	142945	38.815	ng	93
69) Atrazine	16.97	200	146967	40.639	ng	96
70) Pentachlorophenol	17.17	266	188178	80.908	ng	97
71) Phenanthrene	17.57	178	680317	38.913	ng	99
72) Anthracene	17.66	178	698132	40.978	ng	99
73) Carbazole	17.93	167	613480	39.943	ng	99
74) Di-n-butylphthalate	18.46	149	750770	41.546	ng	100
75) Fluoranthene	19.57	202	831747	40.255	ng	99
77) Benzidine	19.75	184	458746	43.773	ng	97
78) Pyrene	19.94	202	833094	38.820	ng	99
80) Butylbenzylphthalate	20.80	149	349167	41.995	ng	96
81) Benzo(a)anthracene	21.80	228	794794	38.399	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	172518	22.829	ng	100
83) Chrysene	21.87	228	765612	38.154	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	482324	41.282	ng	100
85) Di-n-octyl phthalate	22.92	149	816671	42.215	ng	95
86) Indeno(1,2,3-cd)pyrene	29.08	276	914873	40.188	ng	97
88) Benzo(b)fluoranthene	24.11	252	795499	39.437	ng	99
89) Benzo(k)fluoranthene	24.19	252	771217	41.073	ng	98
90) Benzo(a)pyrene	25.04	252	781248	41.914	ng	98
91) Dibenzo(a,h)anthracene	29.14	278	735267	40.237	ng	97
92) Benzo(g,h,i)perylene	30.30	276	750176	40.876	ng	99

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



#1

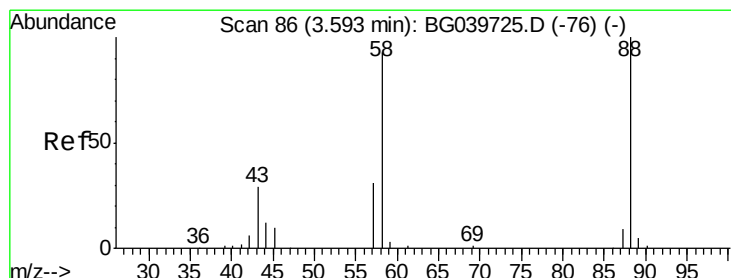
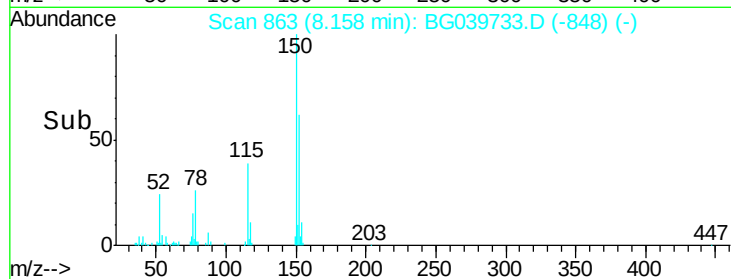
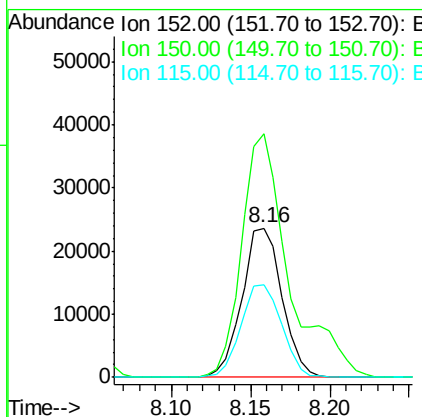
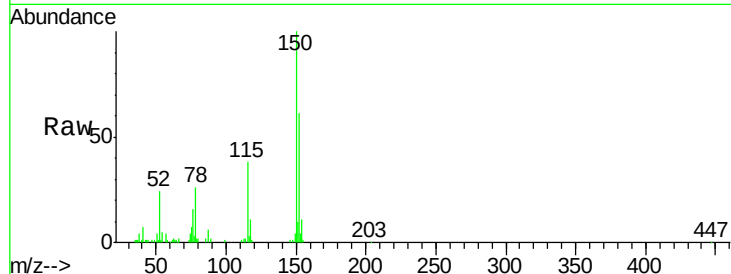
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampled :
PB117572BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.8	123.7	185.5
115	62.1	45.9	68.9

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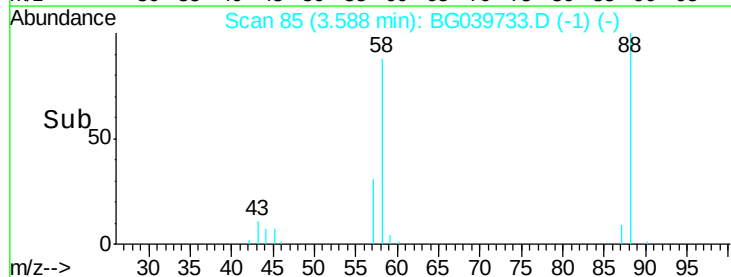
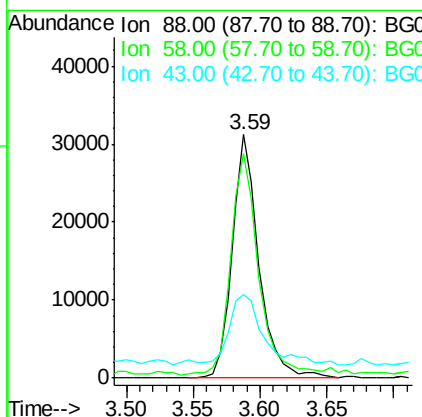
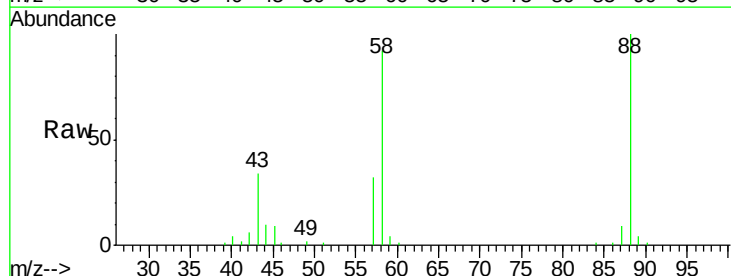
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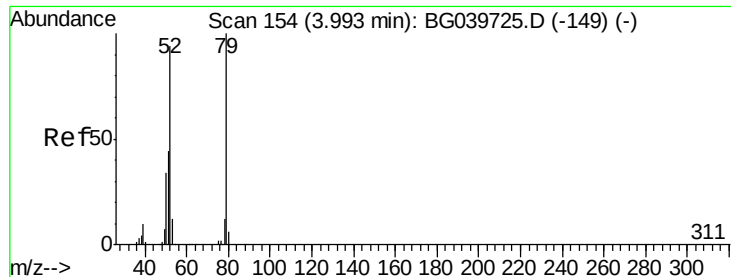


#2

1,4-Dioxane
Concen: 38.682 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	81.1	121.7
43	37.7	31.4	47.0





#3

Pyridine

Concen: 36.649 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

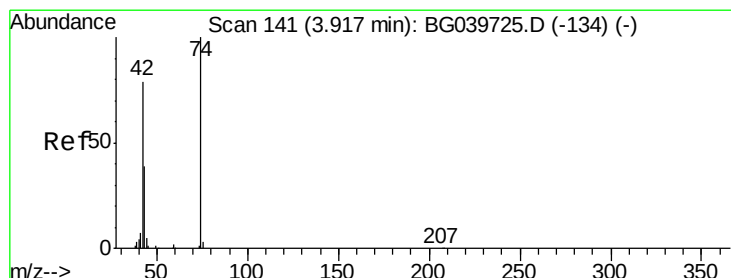
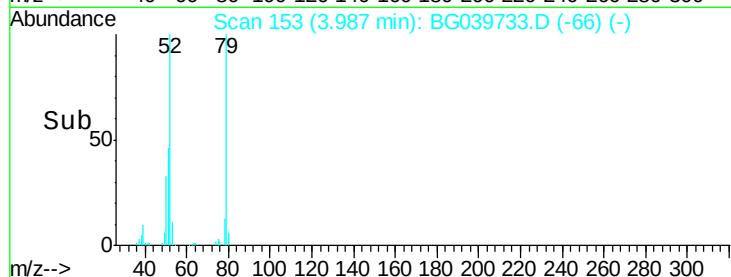
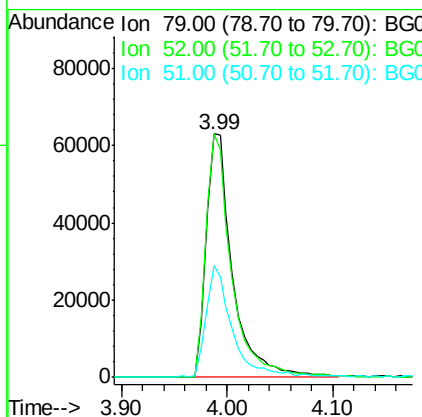
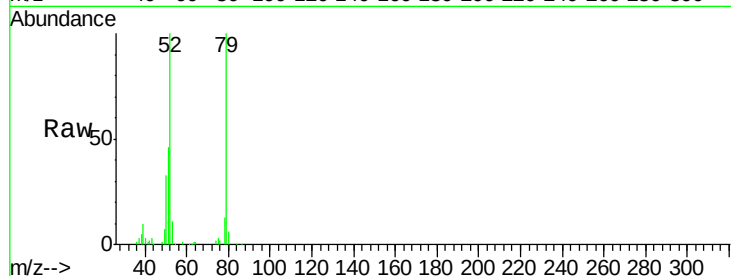
ClientSampleId :

PB117572BS

Tgt Ion:	79	Resp:	110004
Ion Ratio	Lower	Upper	
79	100		
52	100.2	82.6	124.0
51	46.2	37.5	56.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.353 ng

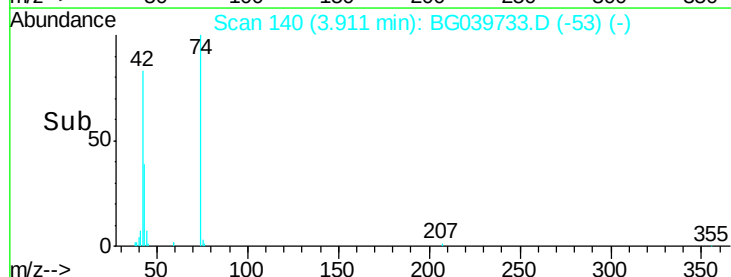
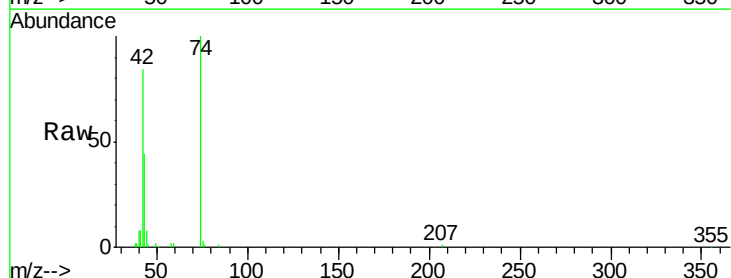
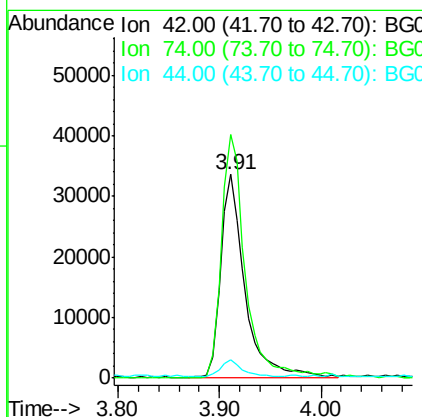
RT: 3.91 min Scan# 140

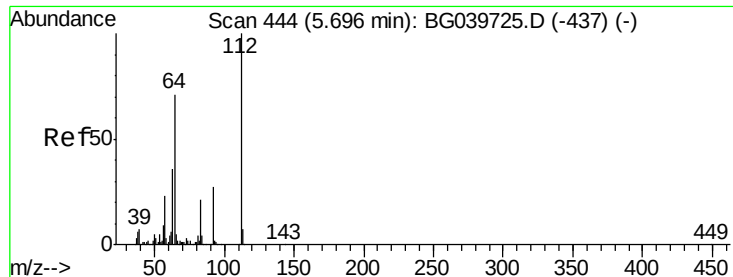
Delta R.T. -0.02 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Tgt Ion:	42	Resp:	56036
Ion Ratio	Lower	Upper	
42	100		
74	119.5	83.6	125.4
44	9.0	6.9	10.3





#5

2-Fluorophenol

Concen: 145.293 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

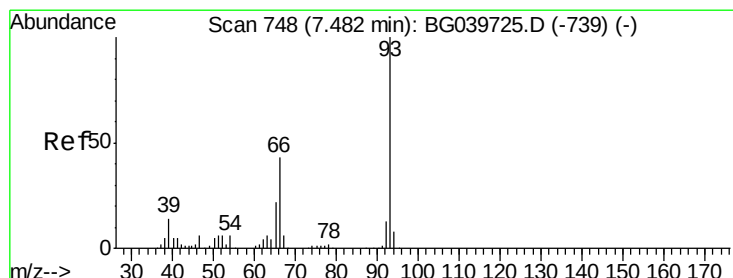
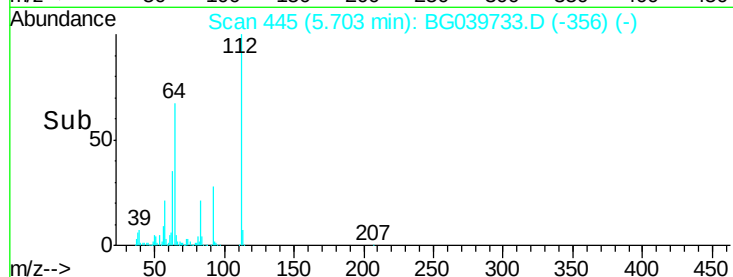
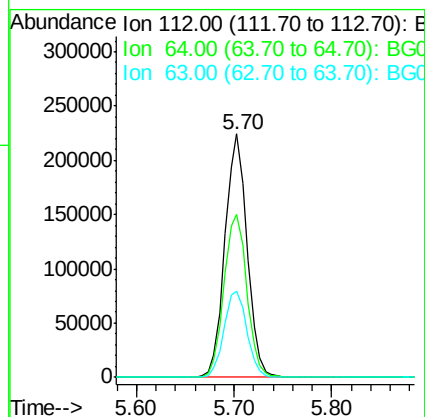
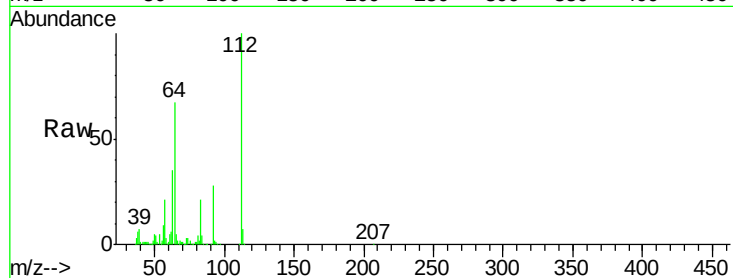
ClientSampleId :

PB117572BS

Tgt Ion:	112	Resp:	352841
Ion Ratio	Lower	Upper	
112	100		
64	66.9	57.8	86.8
63	35.2	29.8	44.6

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#6

Aniline

Concen: 30.552 ng

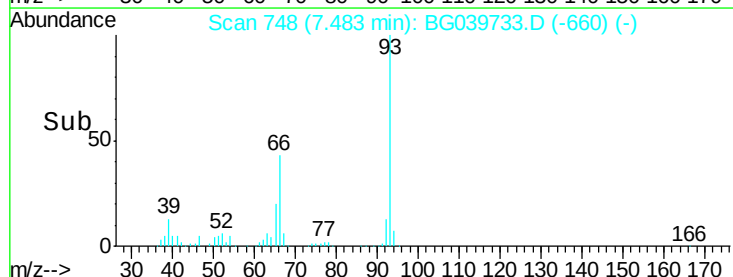
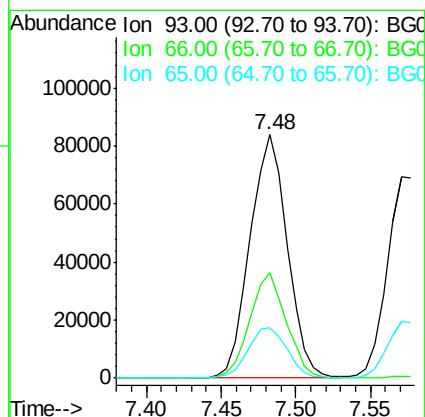
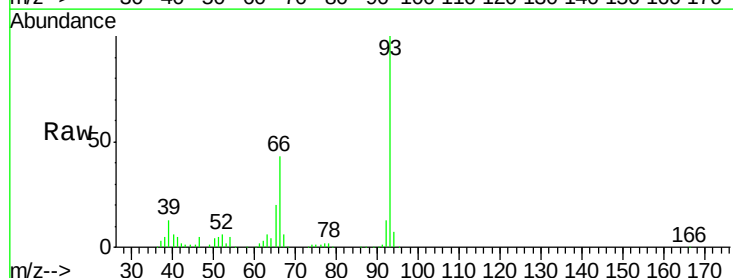
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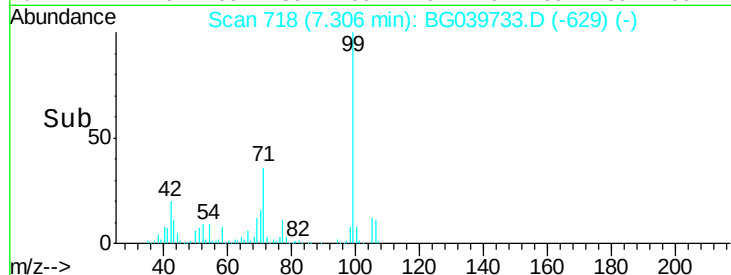
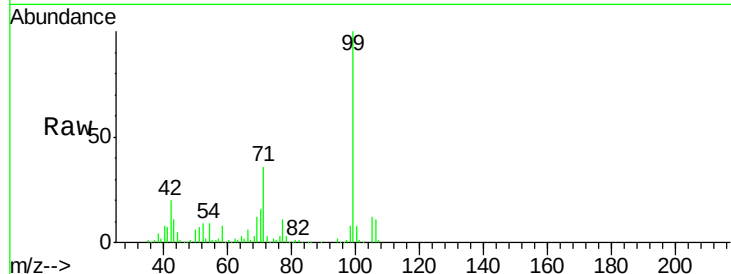
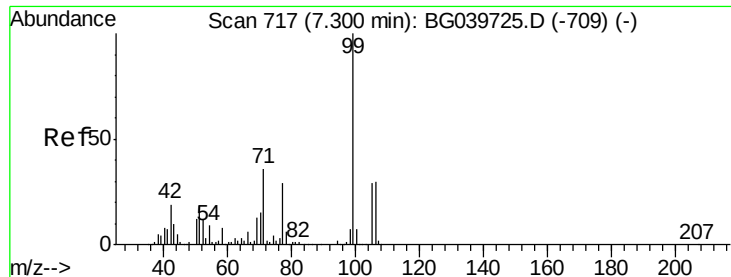
Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Tgt Ion:	93	Resp:	144939
Ion Ratio	Lower	Upper	
93	100		
66	43.2	34.2	51.4
65	20.4	17.7	26.5





#7

Phenol-d6

Concen: 137.261 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Tgt Ion:	99	Resp:	497021
Ion	Ratio	Lower	Upper
99	100		
42	20.1	18.2	27.2
71	35.7	28.0	42.0

Instrument :

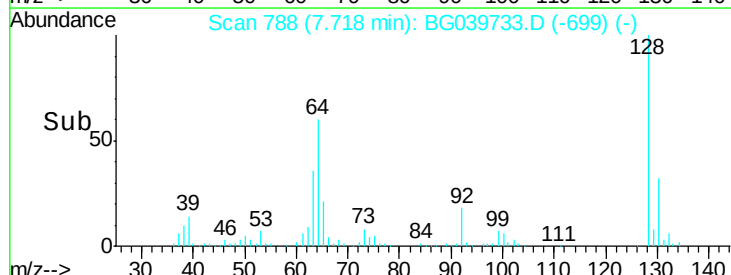
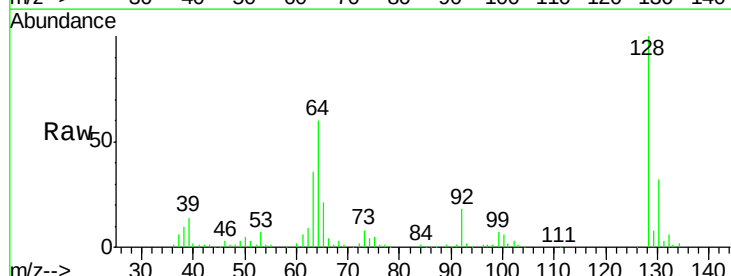
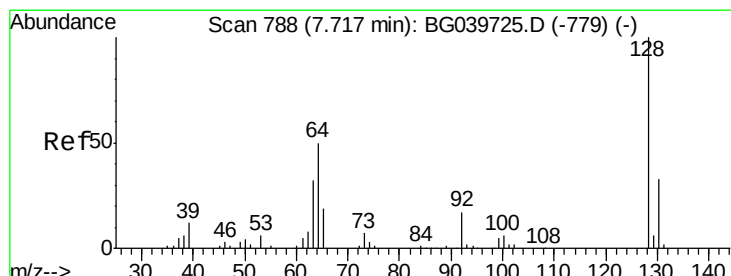
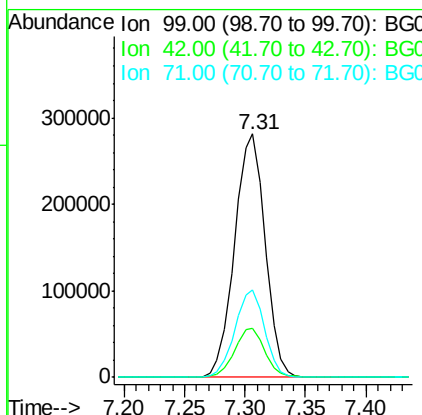
BNA_G

ClientSampleId :

PB117572BS

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#8

2-Chlorophenol

Concen: 41.841 ng

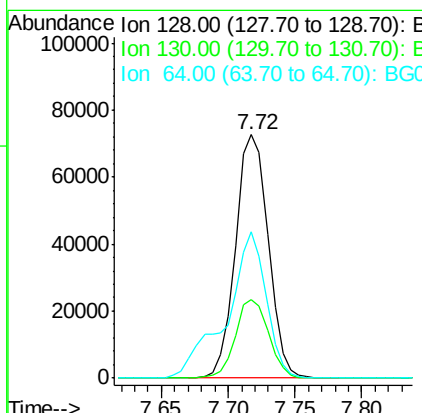
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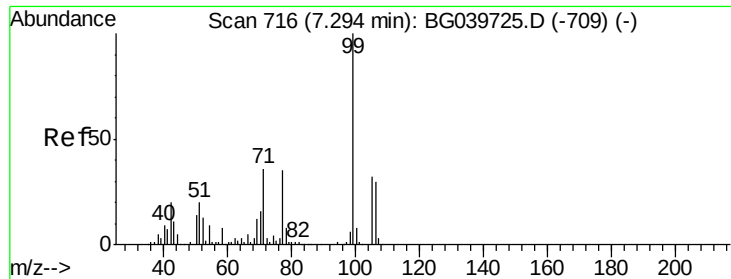
Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Tgt Ion:	128	Resp:	123271
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	60.2	38.7	78.7





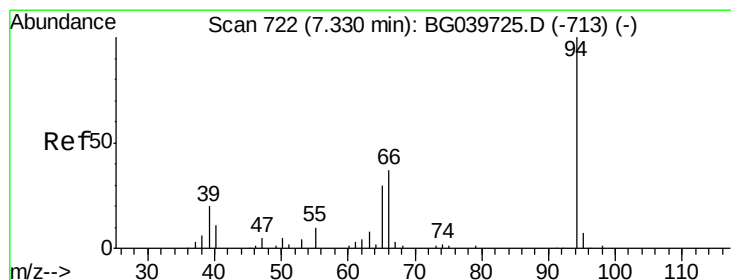
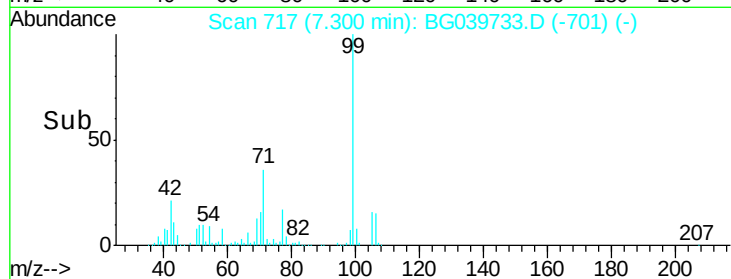
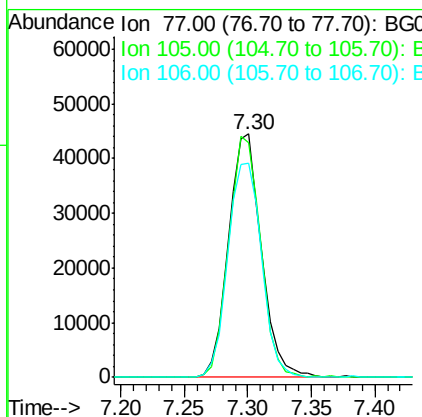
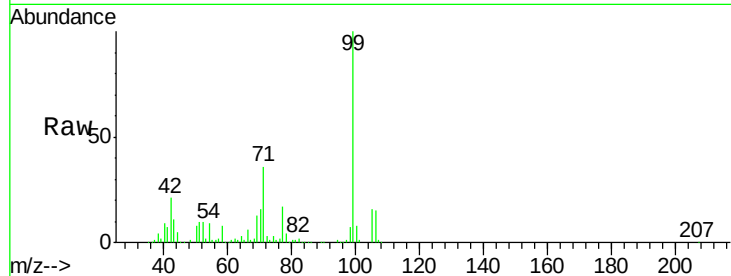
#9
Benzaldehyde
Concen: 34.089 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	96.3	74.5	114.5
106	87.9	68.0	108.0

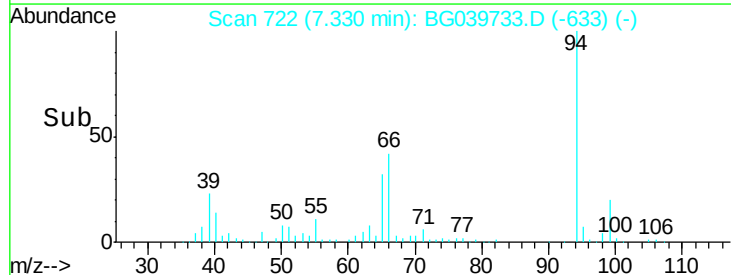
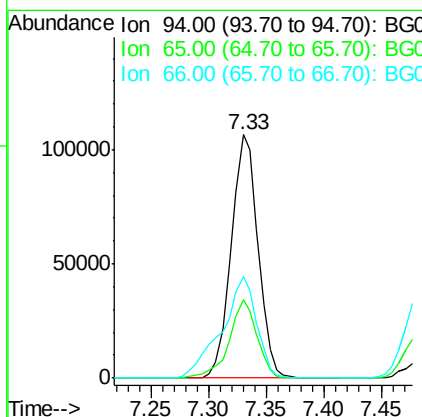
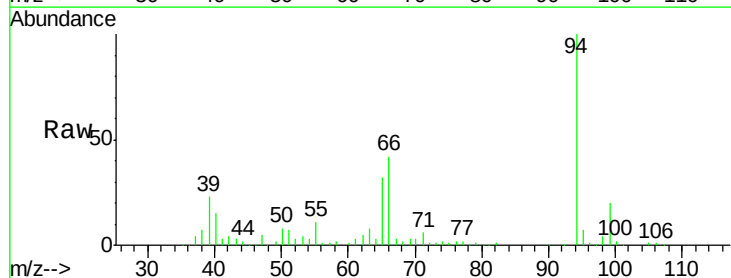
Manual Integrations
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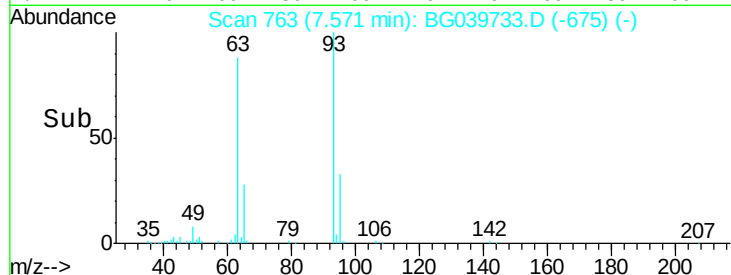
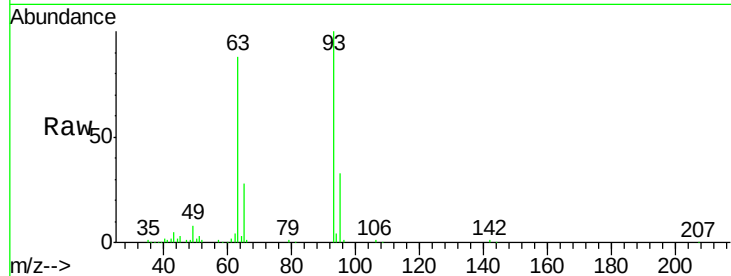
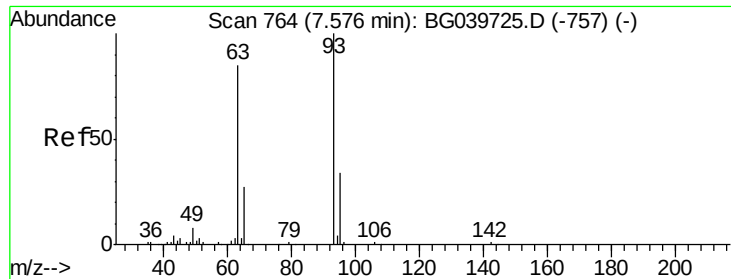
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#10
Phenol
Concen: 43.592 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.7	51.7
66	41.5	23.7	63.7





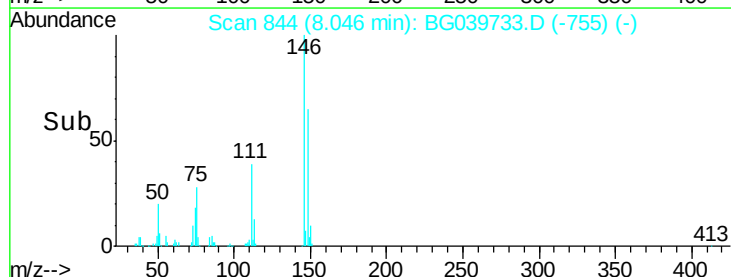
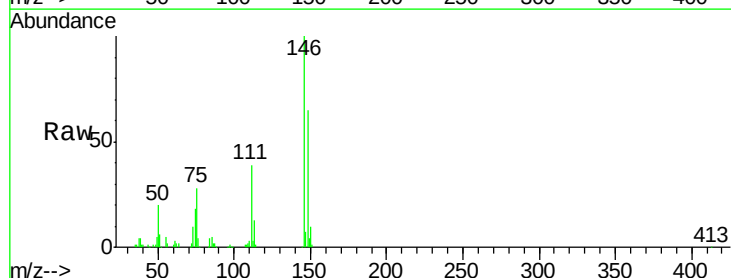
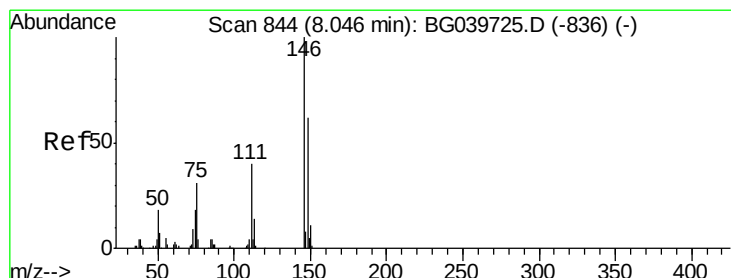
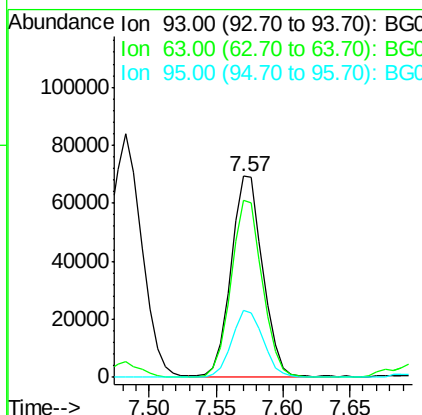
#11
bis(2-Chloroethyl)ether
Concen: 37.767 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	115506		
63	87.9	69.5	109.5	
95	33.4	12.7	52.7	

Instrument :
BNA_G
ClientSampleId :
PB117572BS

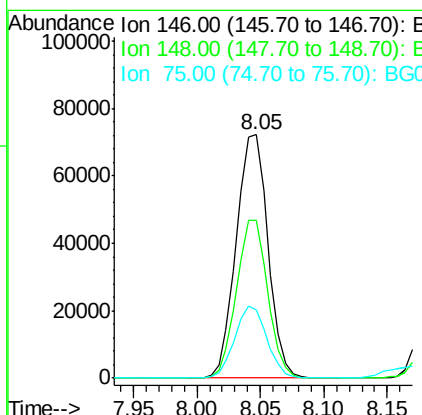
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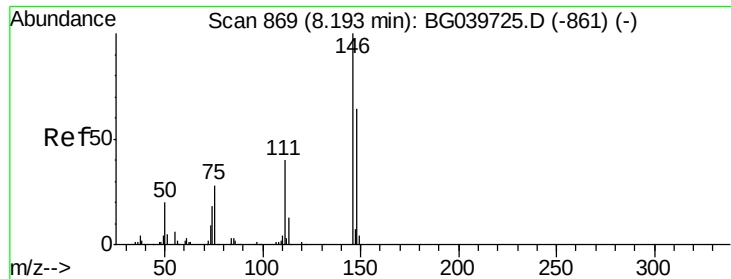
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#12
1,3-Dichlorobenzene
Concen: 37.517 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	125011		
148	64.9	52.6	79.0	
75	28.2	25.8	38.6	





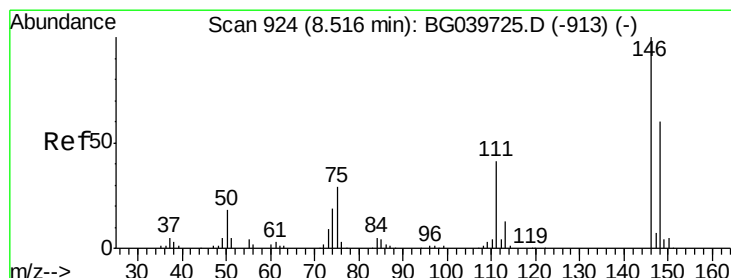
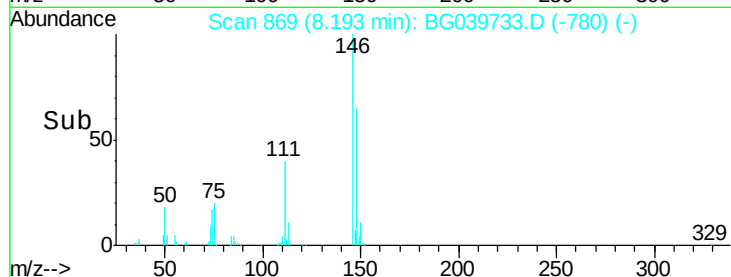
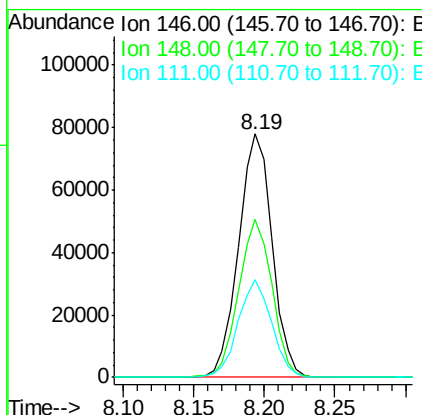
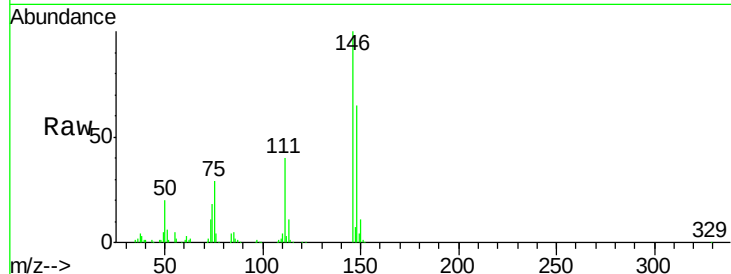
#13
 1,4-Dichlorobenzene
 Concen: 38.225 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampled :
 PB117572BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	40.0	32.6	48.8

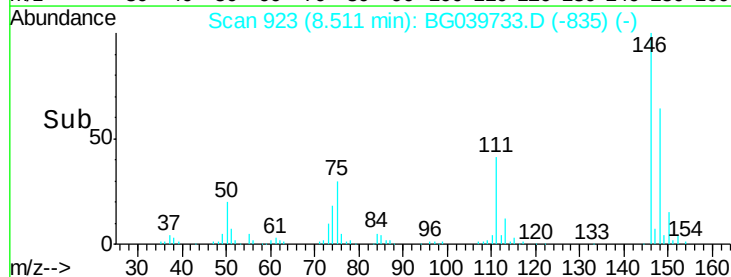
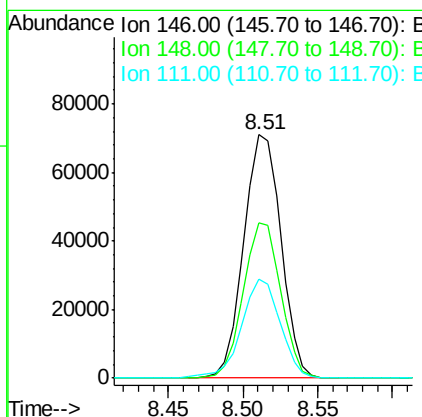
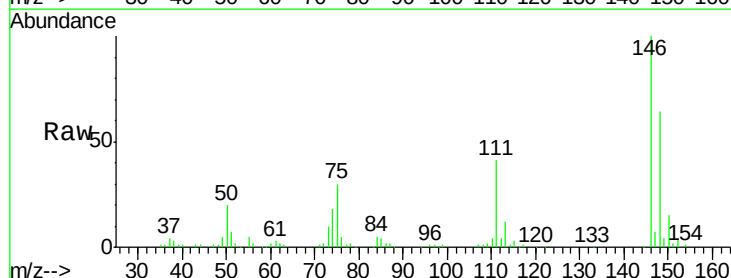
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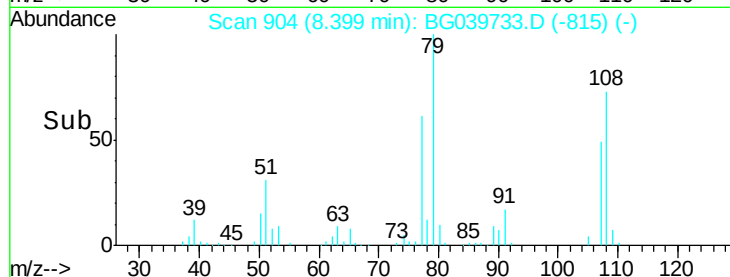
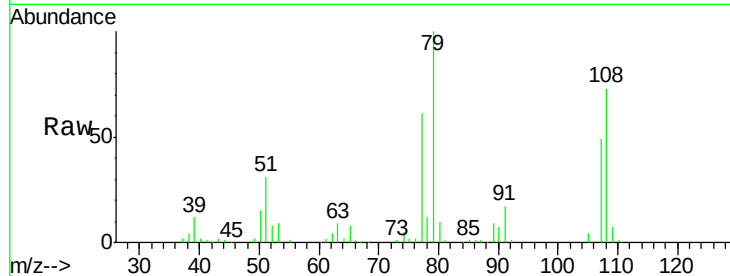
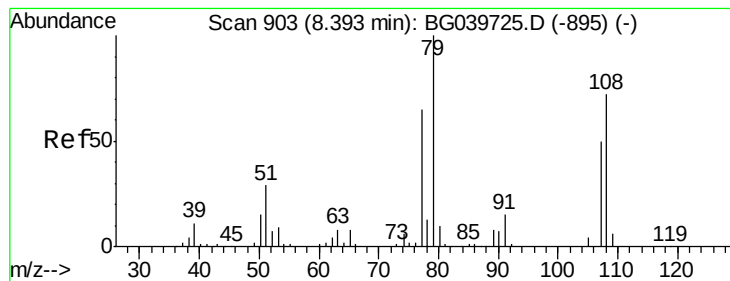
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#14
 1,2-Dichlorobenzene
 Concen: 37.421 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.5	77.3
111	40.6	33.8	50.6





#15

Benzyl Alcohol

Concen: 40.739 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Tgt Ion:	79	Resp:	117016
Ion Ratio	Lower	Upper	
79	100		
108	73.3	57.8	86.6
77	61.5	51.1	76.7

Instrument :

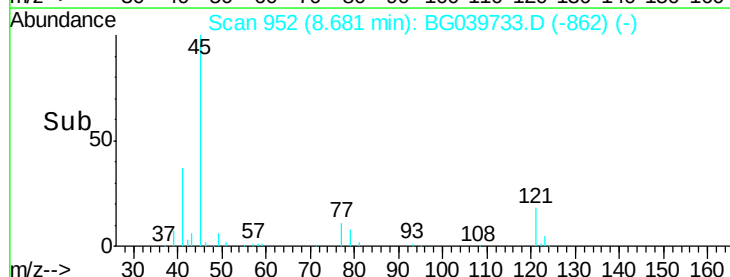
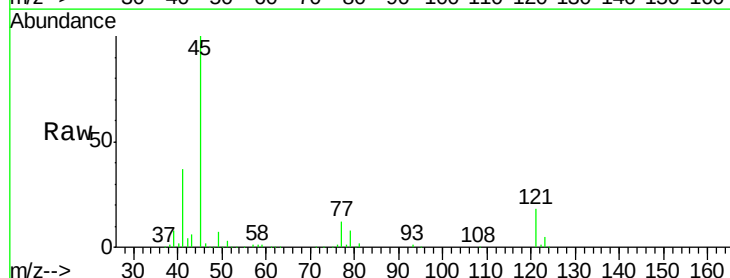
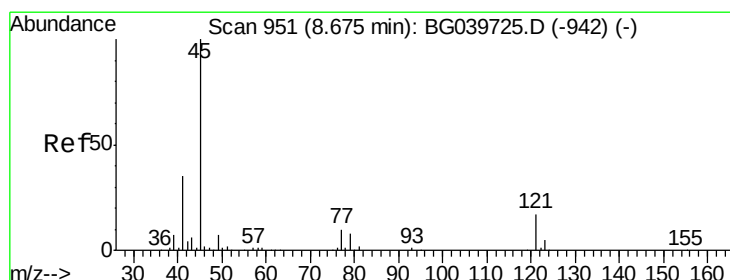
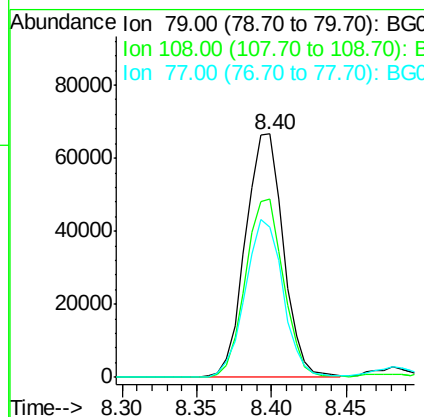
BNA_G

ClientSampleId :

PB117572BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.702 ng

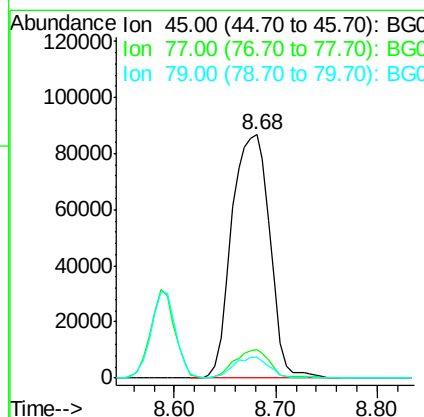
RT: 8.68 min Scan# 952

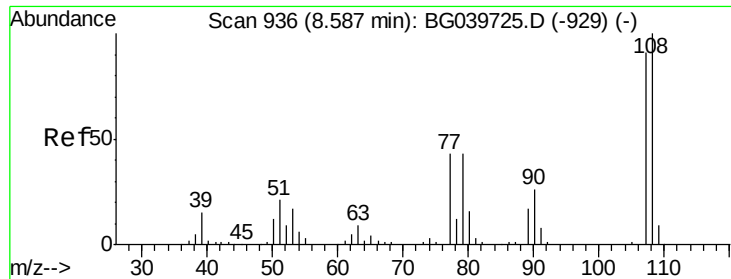
Delta R.T. -0.00 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Tgt Ion:	45	Resp:	224503
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	30.0
79	8.5	0.0	27.5





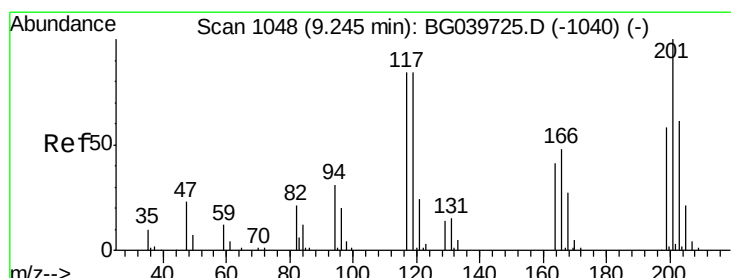
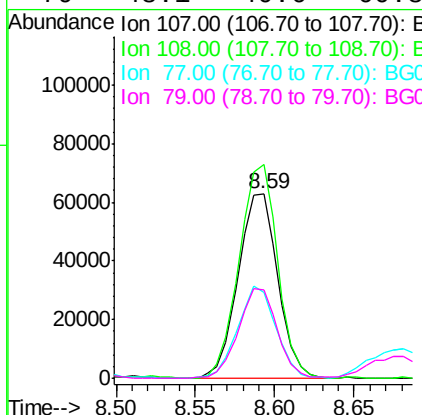
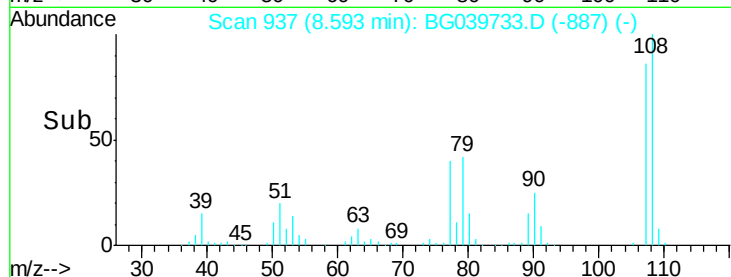
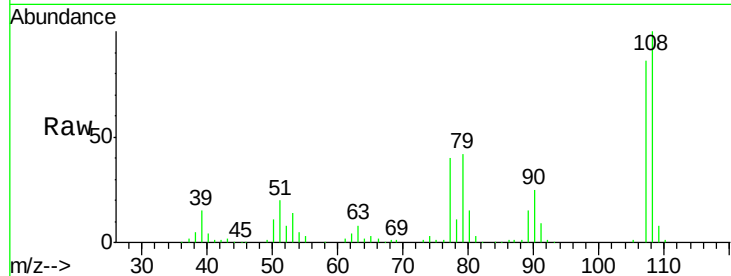
#17
2-Methylphenol
Concen: 43.680 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion:	107	Resp:	109255
Ion Ratio	Lower	Upper	
107	100		
108	115.7	90.8	136.2
77	46.5	40.7	61.1
79	48.1	40.6	60.8

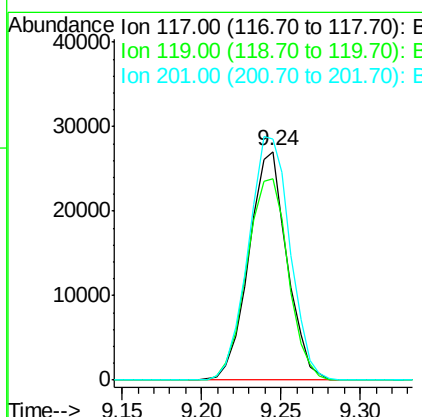
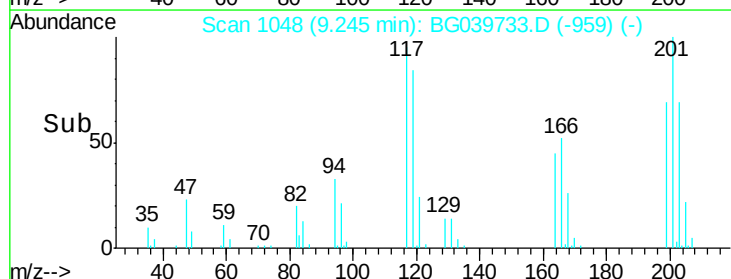
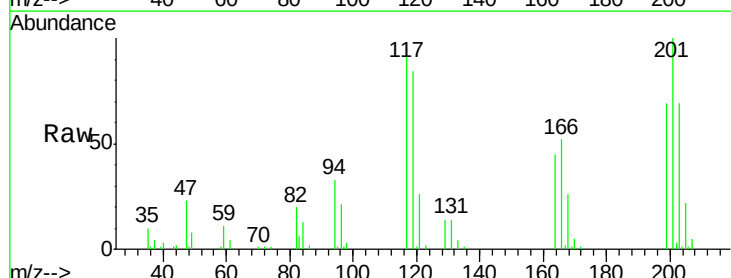
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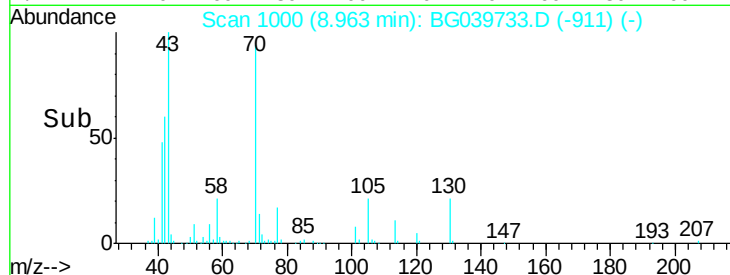
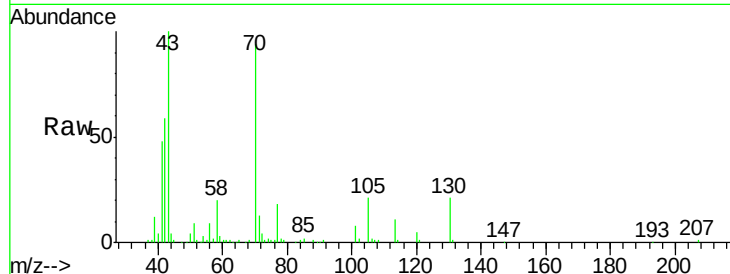
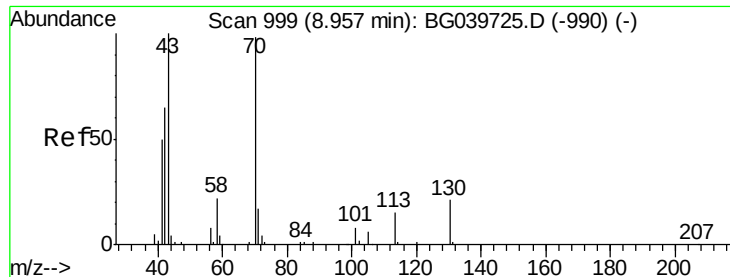
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#18
Hexachloroethane
Concen: 37.173 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion:	117	Resp:	45270
Ion Ratio	Lower	Upper	
117	100		
119	88.4	76.3	114.5
201	105.3	91.1	136.7





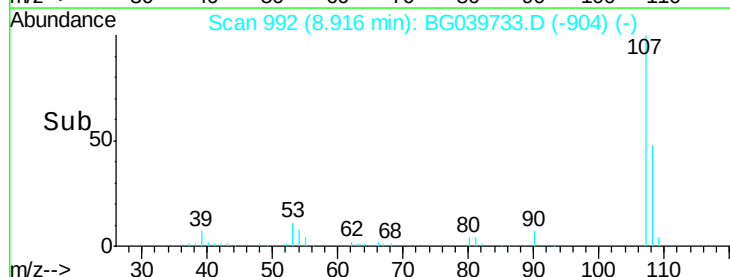
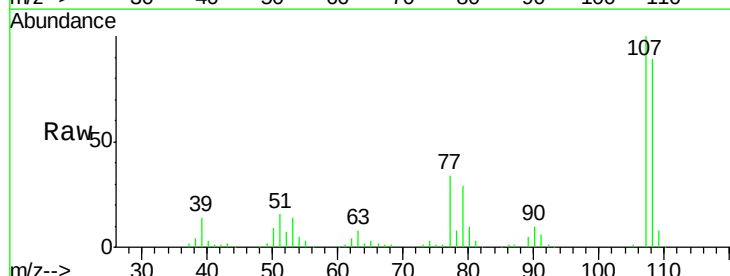
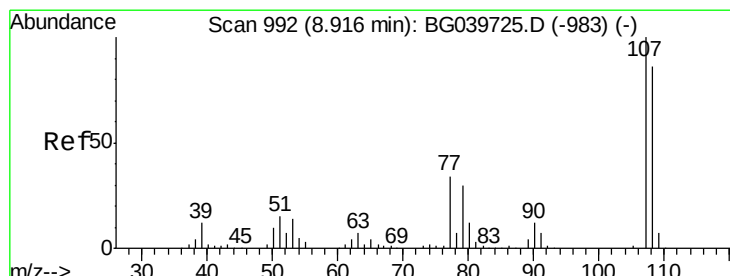
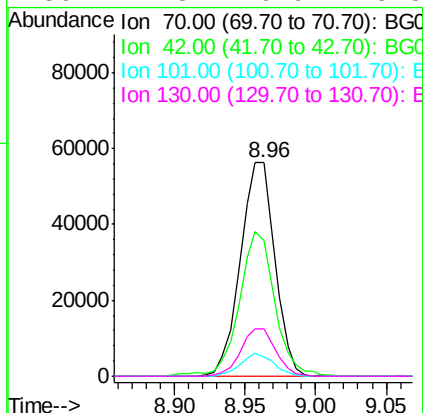
#19
n-Nitroso-di-n-propylamine
Concen: 37.007 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.3	60.4	90.6	
101	9.0	7.5	11.3	
130	22.3	16.9	25.3	

Instrument :
BNA_G
ClientSampleId :
PB117572BS

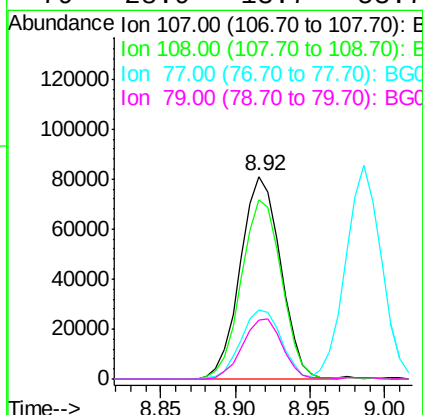
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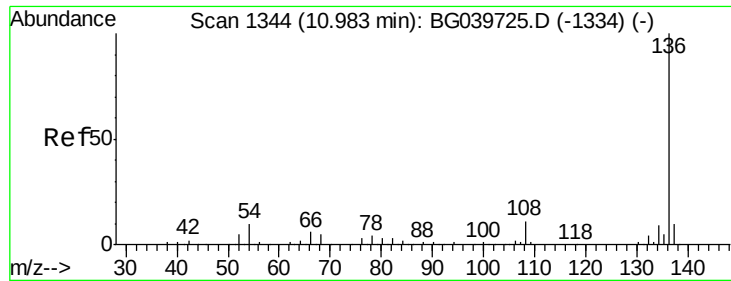
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#20
3+4-Methylphenols
Concen: 43.748 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	67.9	107.9	
77	34.3	15.4	55.4	
79	28.9	13.7	53.7	





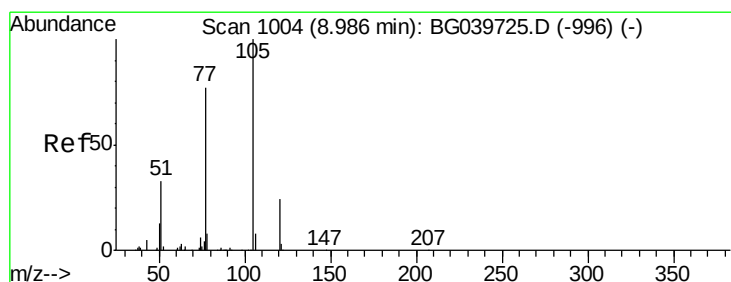
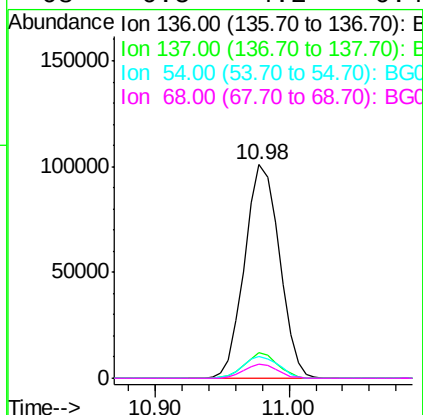
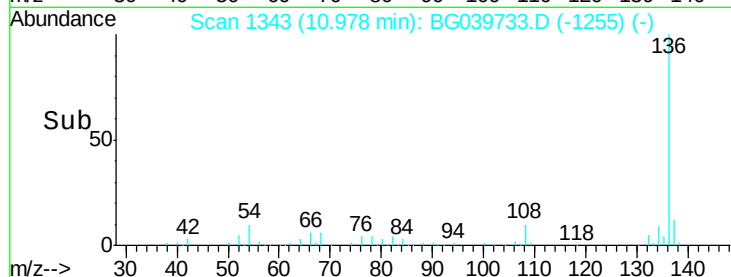
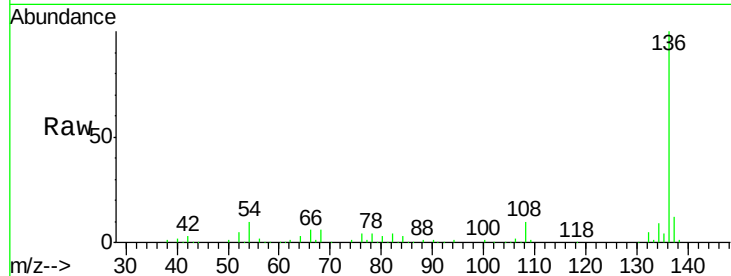
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	181941		
137	11.8	9.1	13.7	
54	10.3	9.4	14.2	
68	6.5	4.2	6.4	

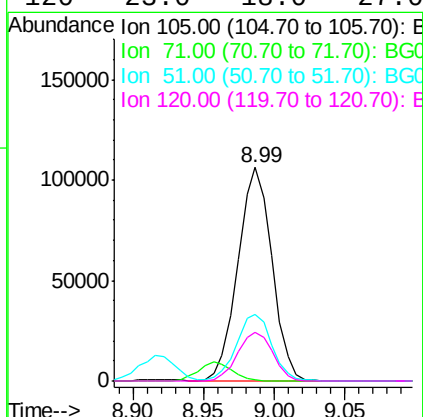
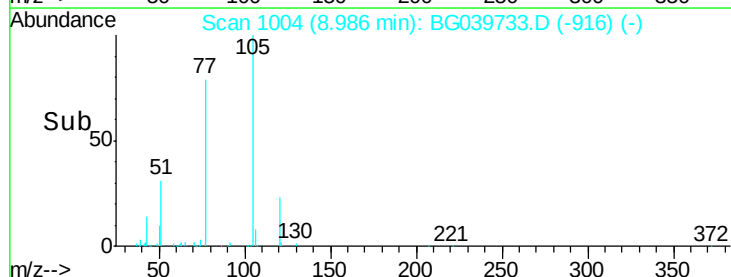
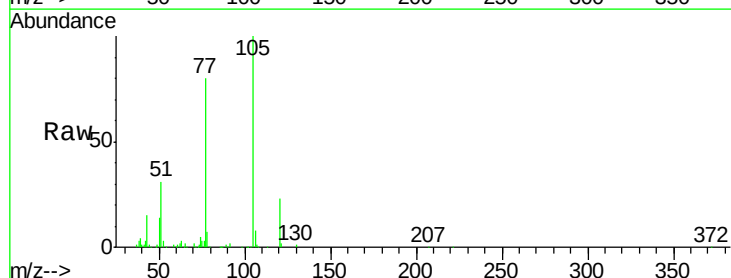
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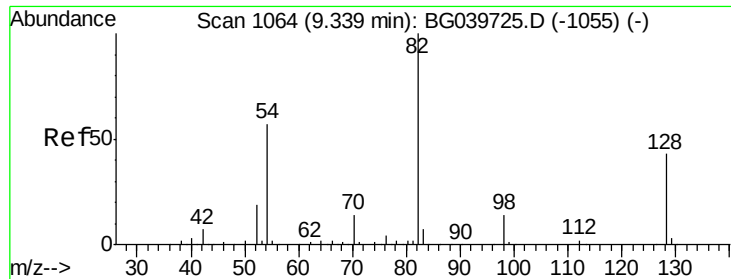
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#22
Acetophenone
Concen: 36.813 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	179766		
71	0.4	0.8	1.2	
51	31.3	30.2	45.2	
120	23.0	18.0	27.0	





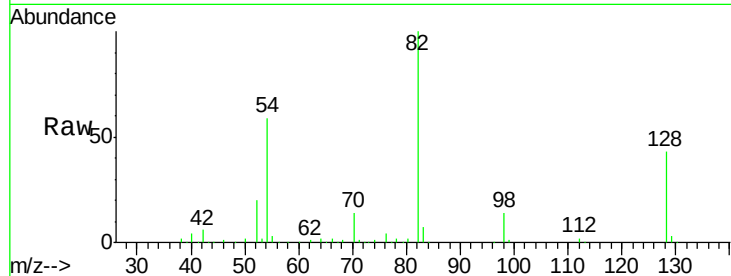
#23
 Nitrobenzene-d5
 Concen: 76.440 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

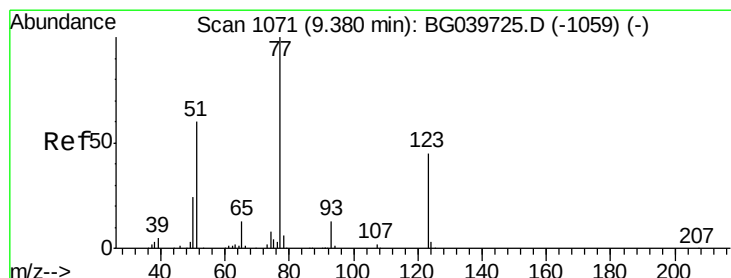
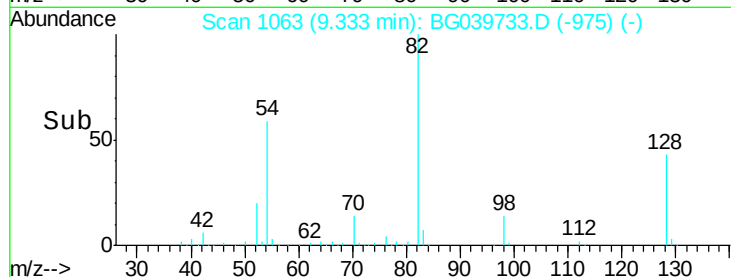
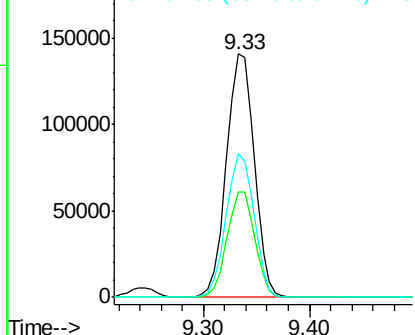
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	257148		
128	43.2	31.3	46.9	
54	59.2	50.9	76.3	

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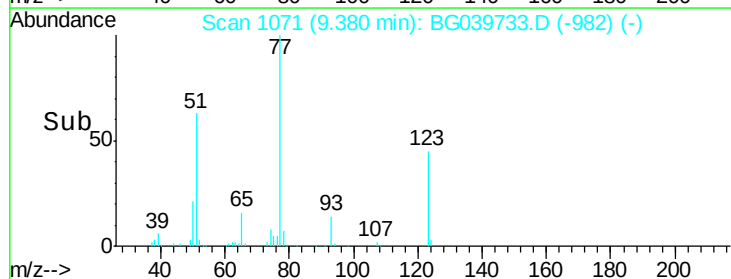
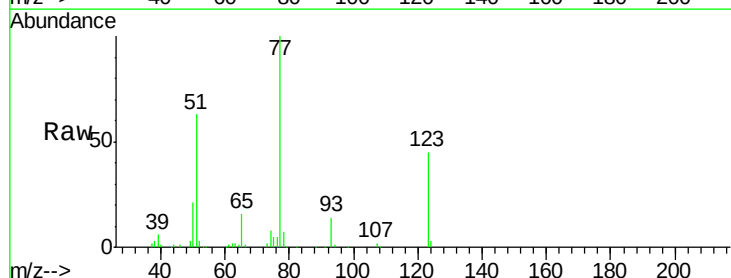
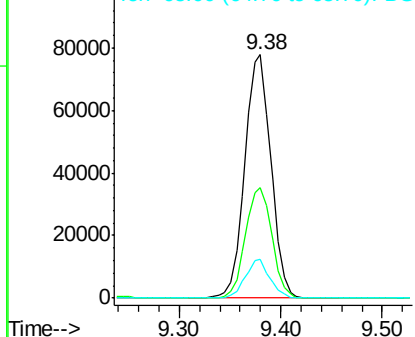
Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

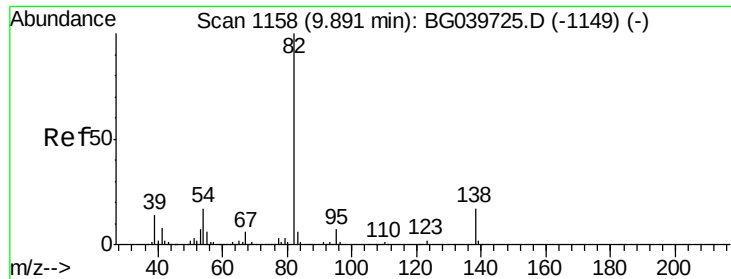


#24
 Nitrobenzene
 Concen: 39.339 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	138831		
123	45.2	34.1	51.1	
65	16.1	12.3	18.5	

Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





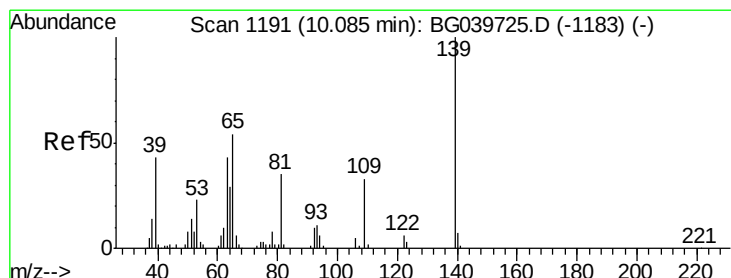
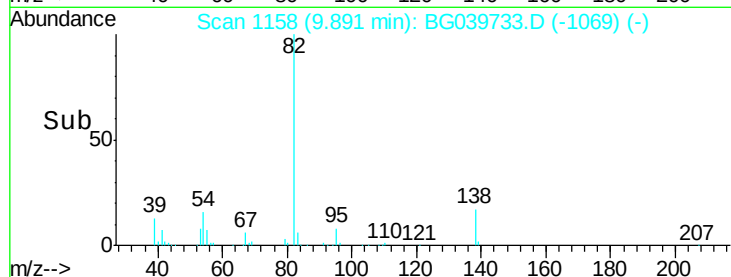
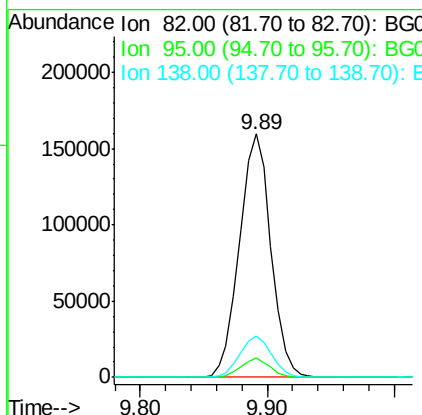
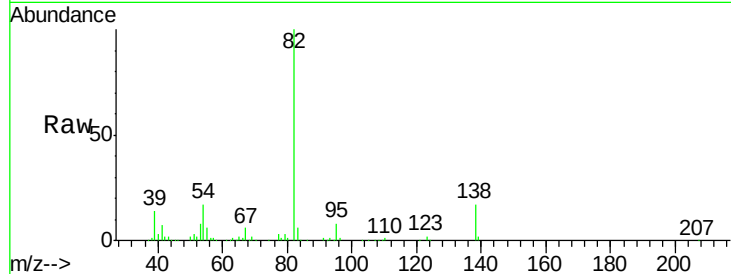
#25
Isophorone
Concen: 38.758 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	273198		
95	8.2		6.2	9.2
138	17.1		13.0	19.4

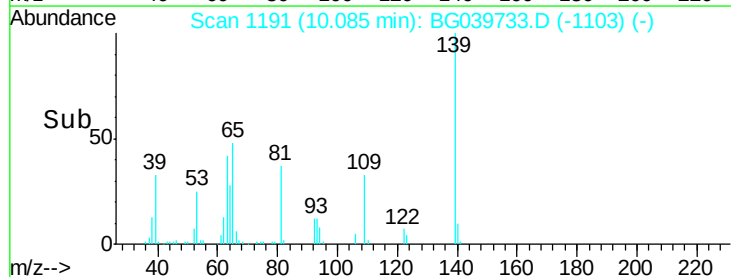
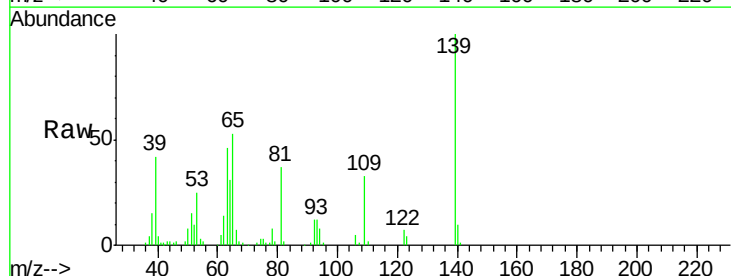
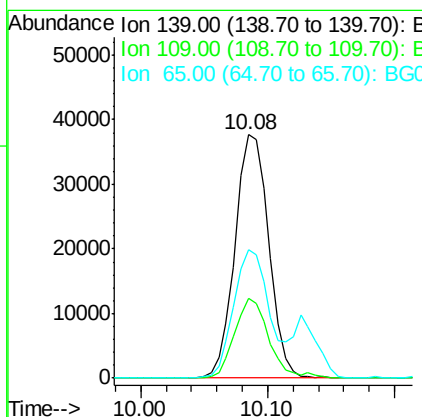
Manual Integrations
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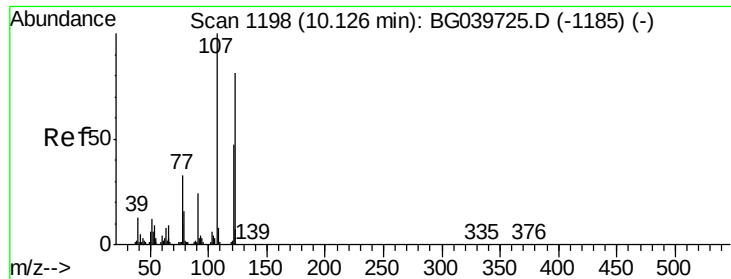
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#26
2-Nitrophenol
Concen: 40.748 ng
RT: 10.08 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	69432		
109	32.8		23.4	35.0
65	52.8		44.3	66.5





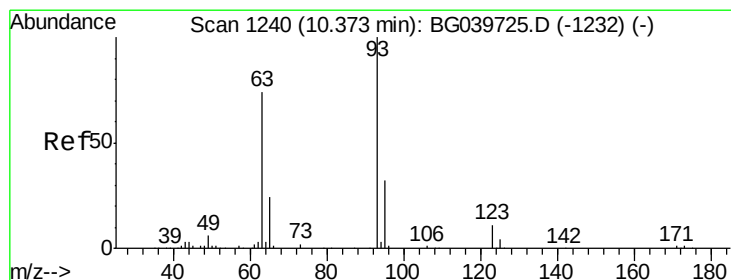
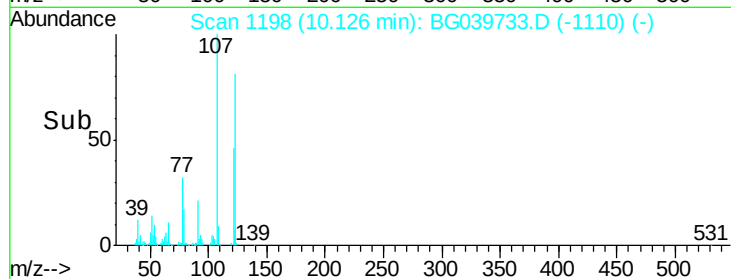
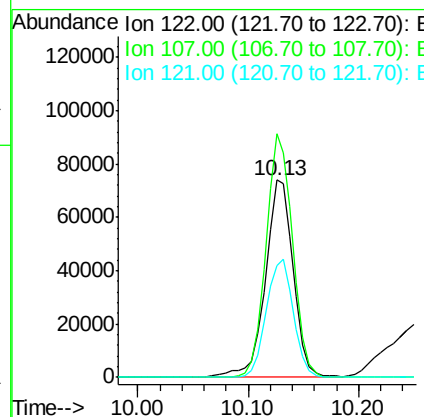
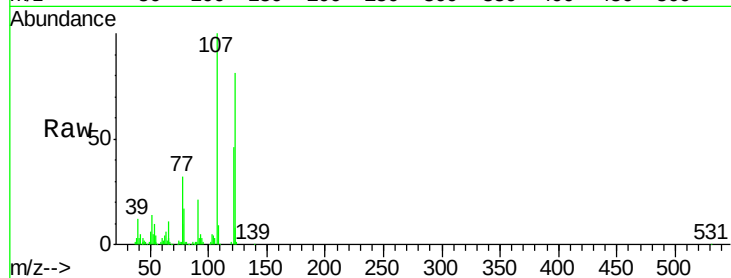
#27
 2,4-Dimethylphenol
 Concen: 49.390 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	130886		
107	123.6	91.7	137.5	
121	56.7	46.4	69.6	

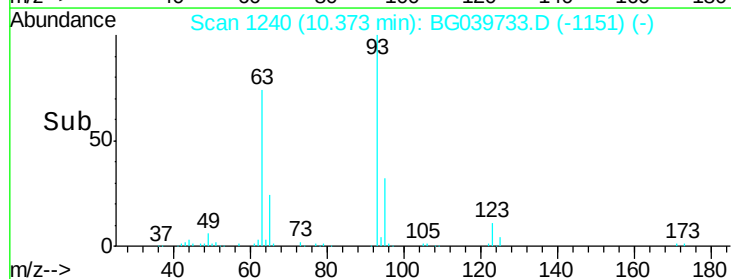
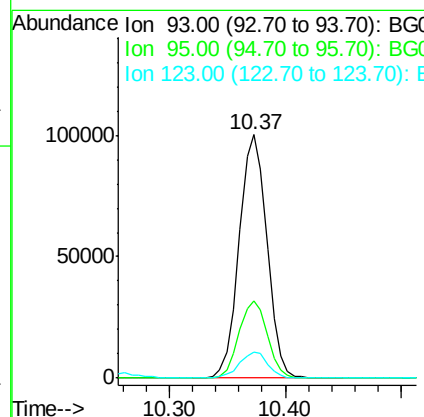
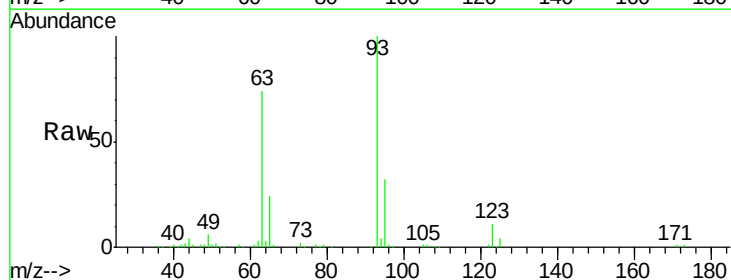
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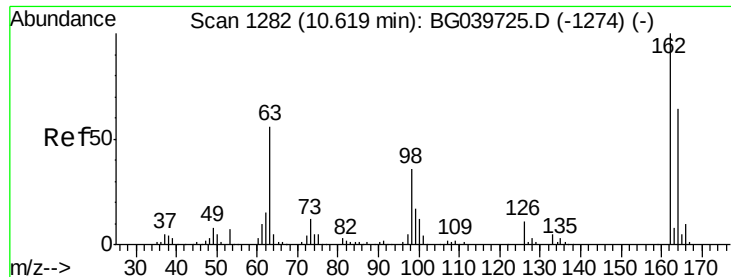
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.018 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	167133		
95	31.9	25.0	37.4	
123	10.6	8.6	12.8	





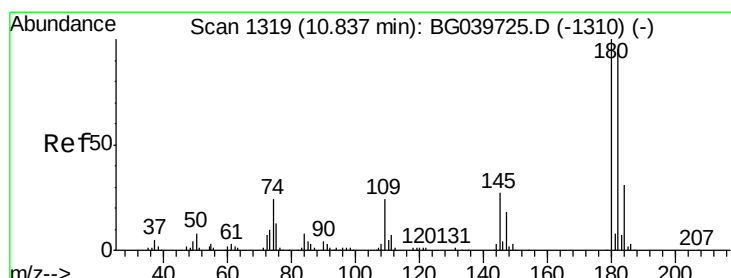
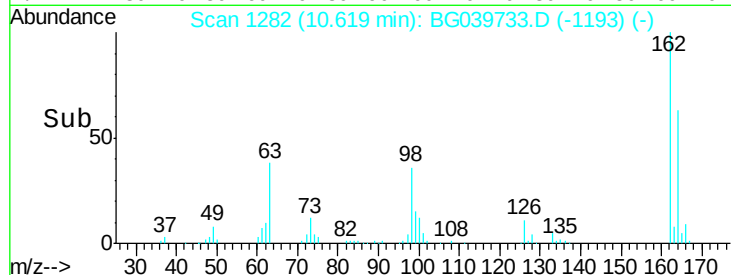
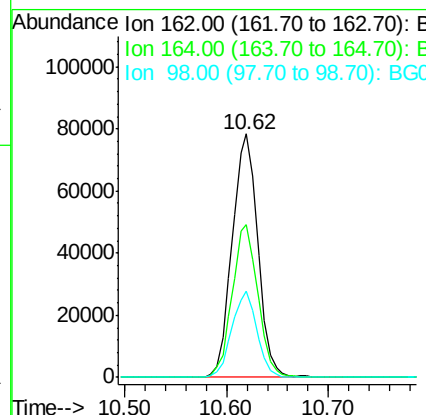
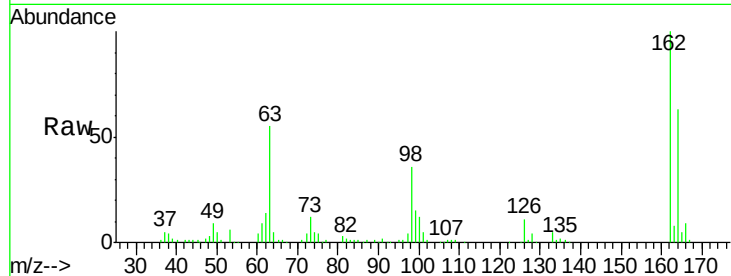
#29
 2,4-Dichlorophenol
 Concen: 46.080 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	137487		
164	62.7	48.1	88.1	
98	35.6	18.1	58.1	

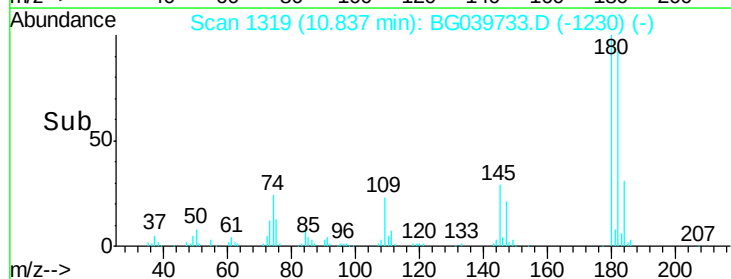
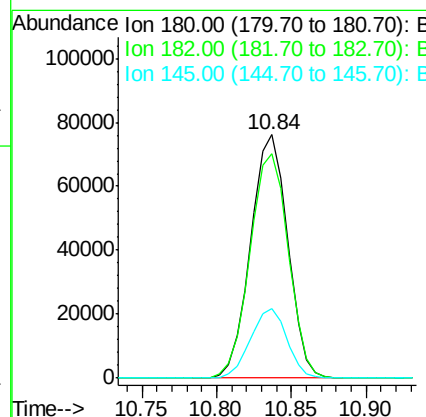
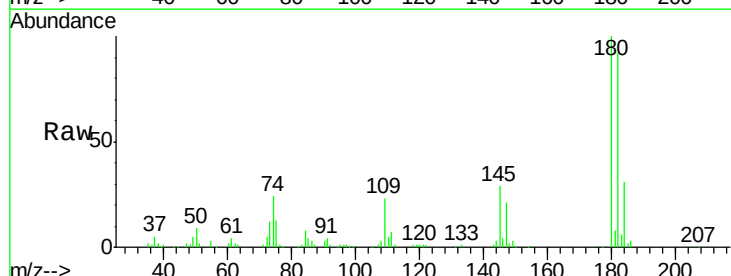
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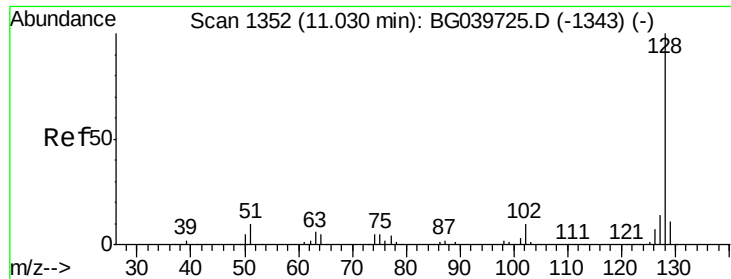
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.923 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	130682		
182	92.0	76.0	114.0	
145	28.6	22.7	34.1	





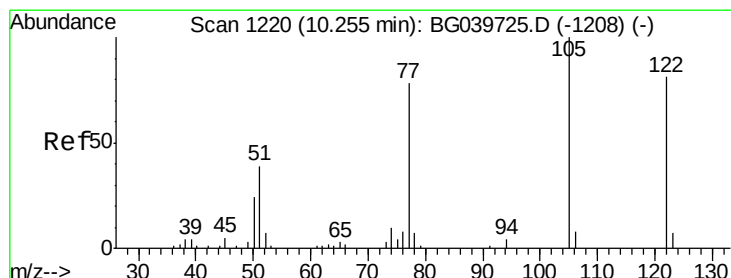
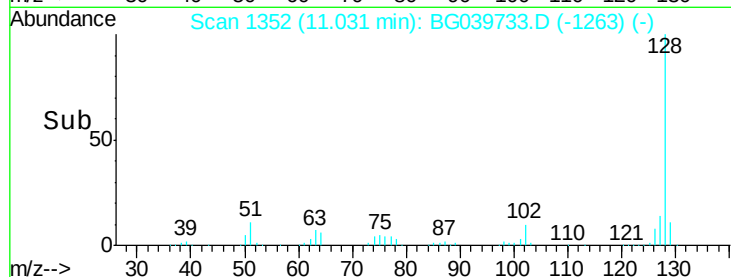
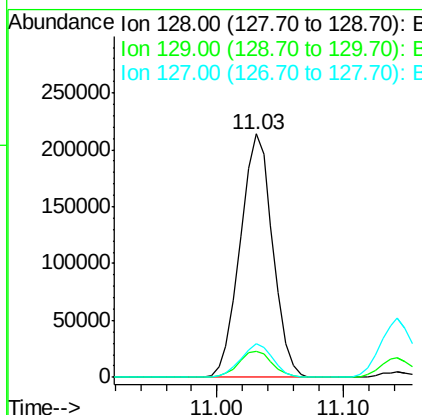
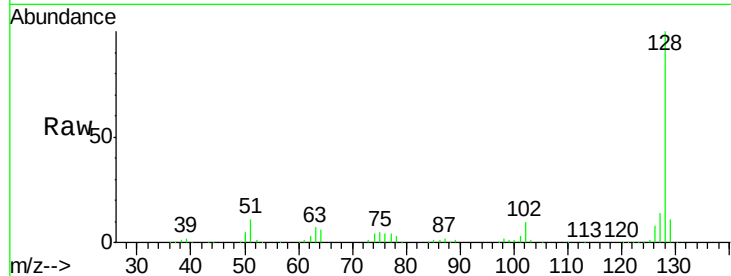
#31
Naphthalene
Concen: 39.430 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampled :
PB117572BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	379830		
129	10.7		8.7	13.1
127	13.7		10.8	16.2

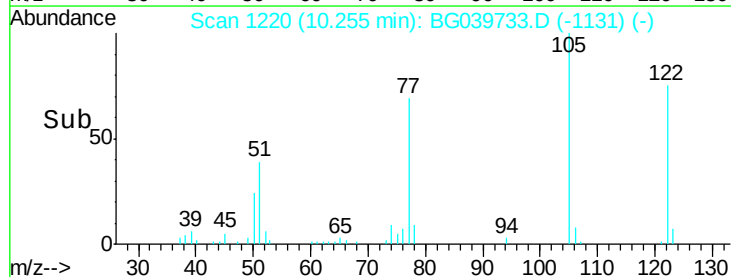
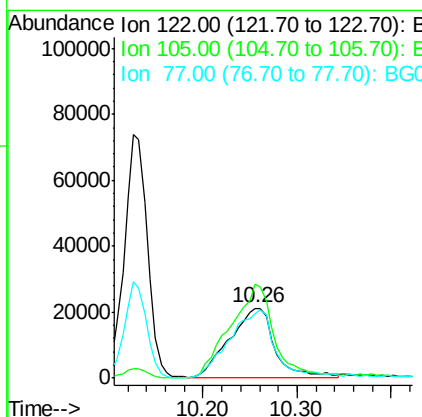
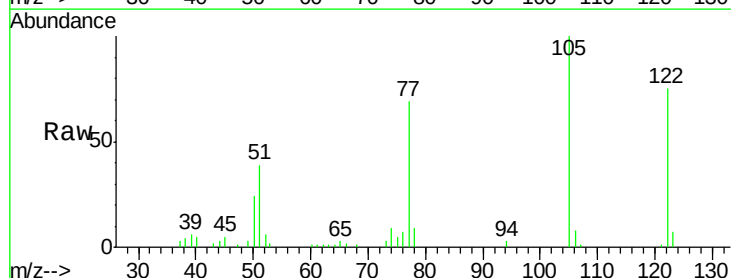
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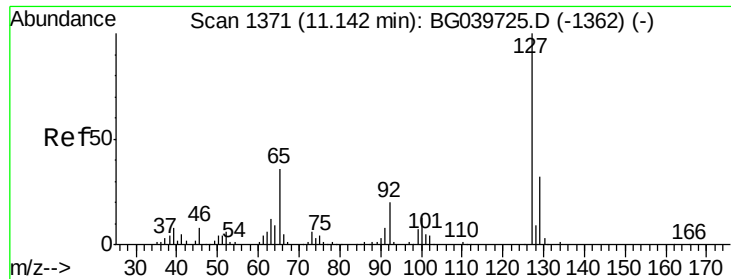
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#32
Benzoic acid
Concen: 39.598 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	69615		
105	133.2		101.8	141.8
77	92.1		76.3	116.3





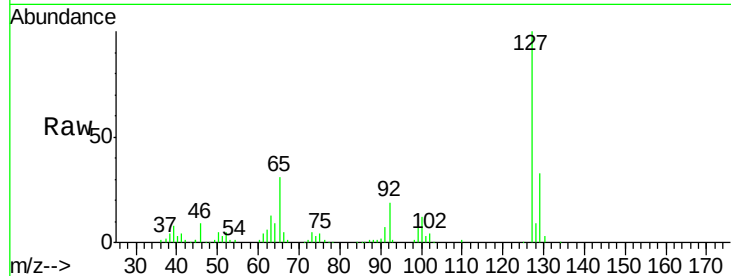
#33
4-Chloroaniline
Concen: 23.232 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

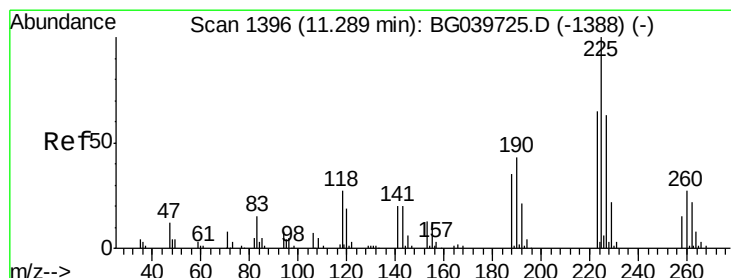
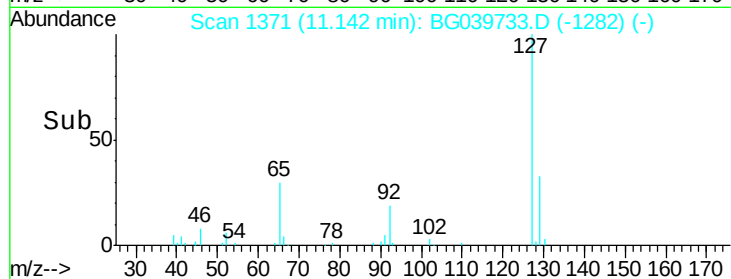
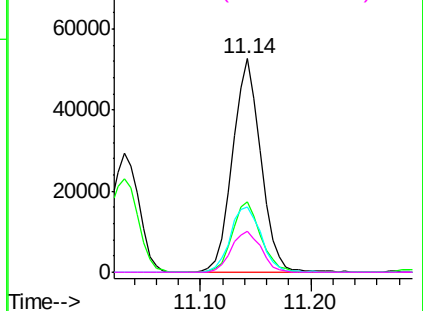
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	94899		
129	32.9	27.0	40.4	
65	30.5	28.8	43.2	
92	19.1	16.6	25.0	

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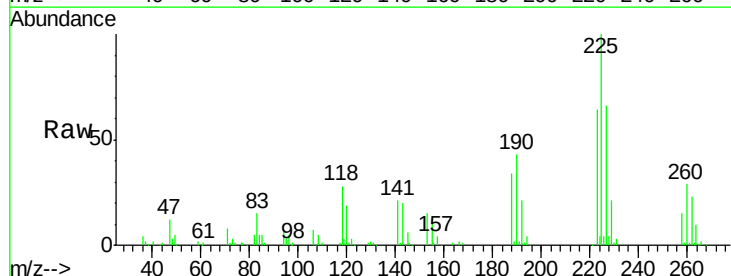


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

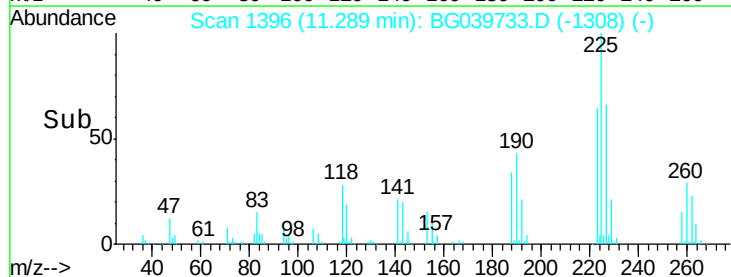
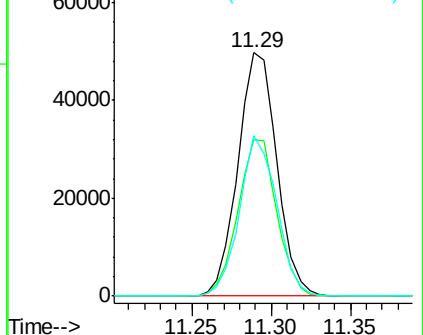


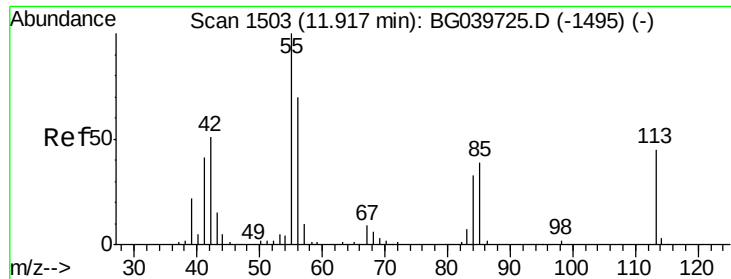
#34
Hexachlorobutadiene
Concen: 36.921 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84707		
223	64.2	49.0	73.6	
227	66.1	46.3	69.5	



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





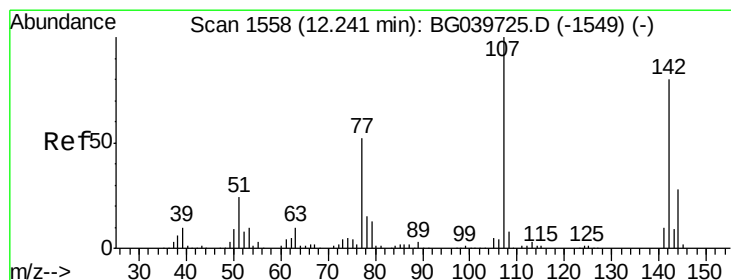
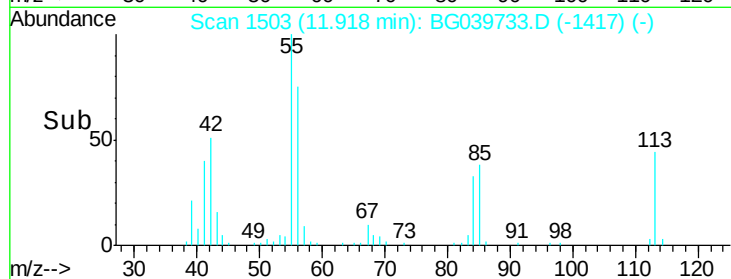
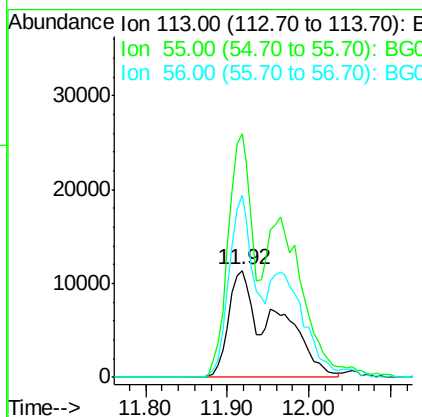
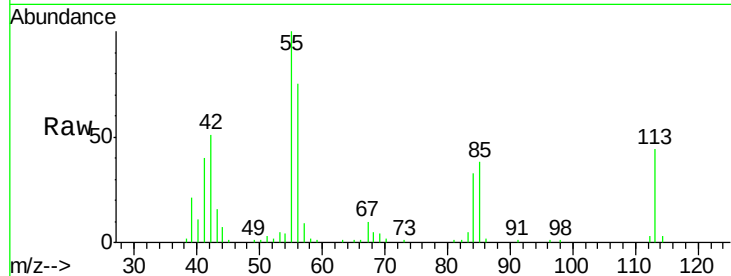
#35
 Caprolactam
 Concen: 40.270 ng m
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Tgt Ion:113 Resp: 45898
 Ion Ratio Lower Upper
 113 100
 55 227.4 216.9 256.9
 56 170.4 152.6 192.6

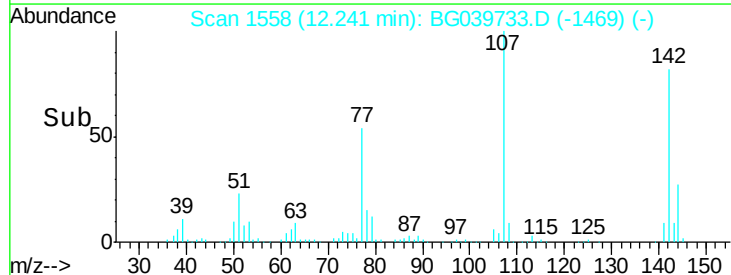
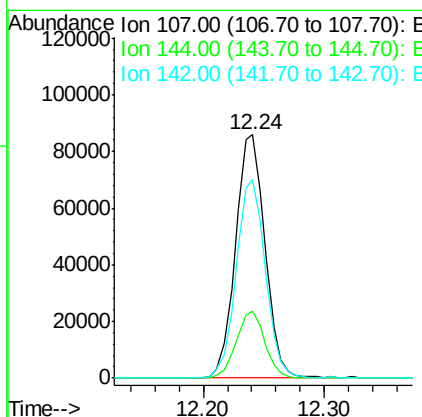
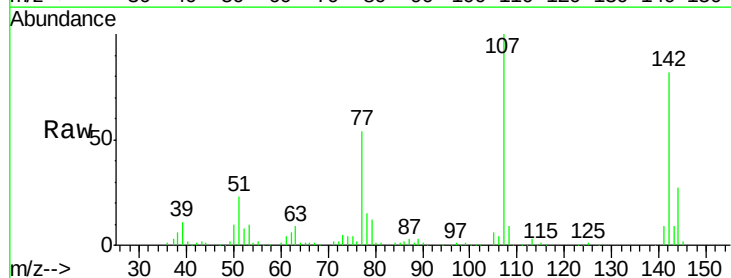
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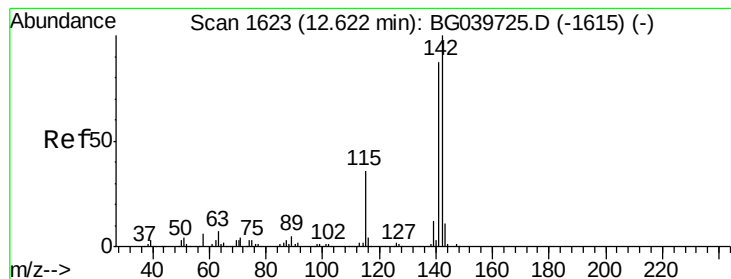
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#36
 4-Chloro-3-methylphenol
 Concen: 42.757 ng
 RT: 12.24 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion:107 Resp: 146241
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.2 30.2
 142 81.8 61.4 92.2





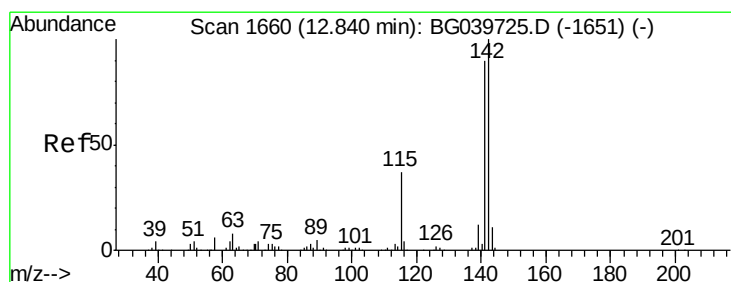
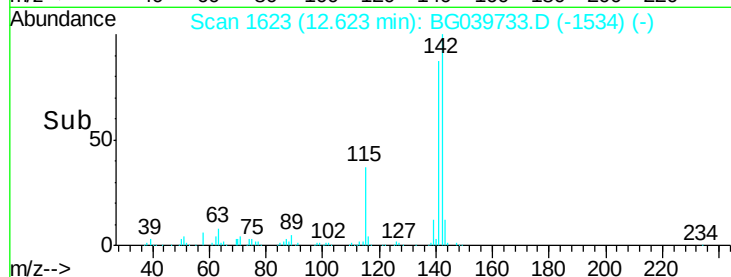
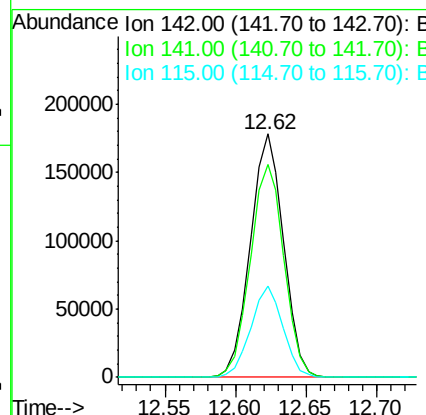
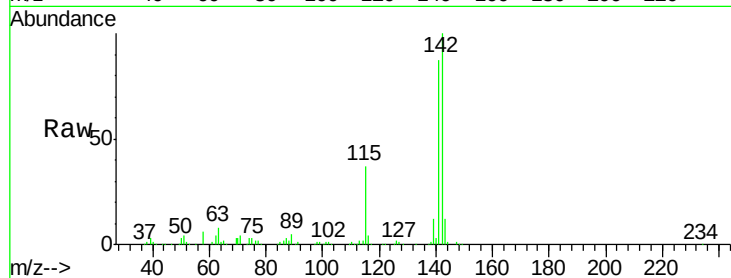
#37
2-Methylnaphthalene
Concen: 40.715 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	73.5	110.3
115	37.4	30.8	46.2

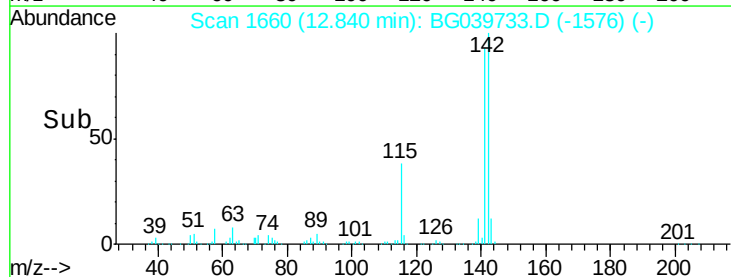
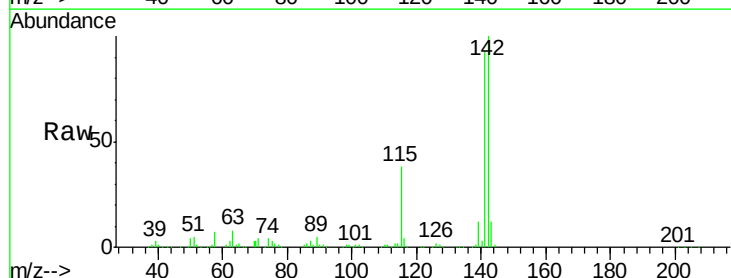
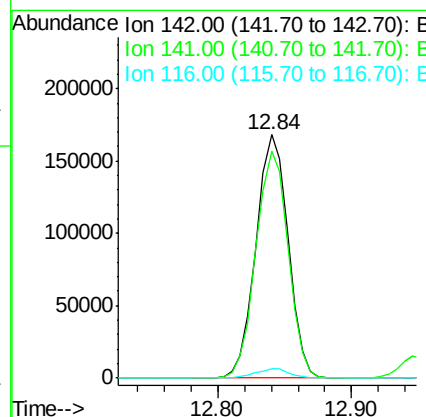
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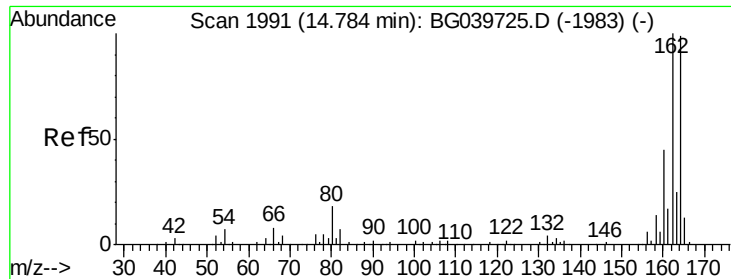
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#38
1-Methylnaphthalene
Concen: 39.749 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.2	111.4
116	3.8	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: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

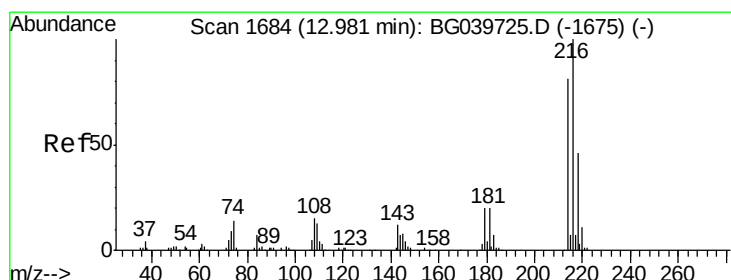
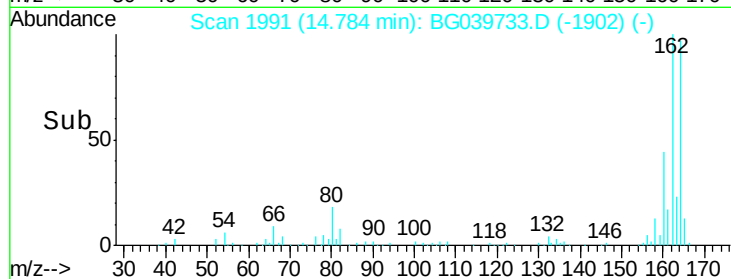
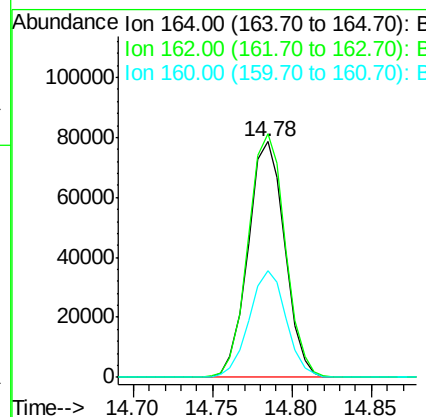
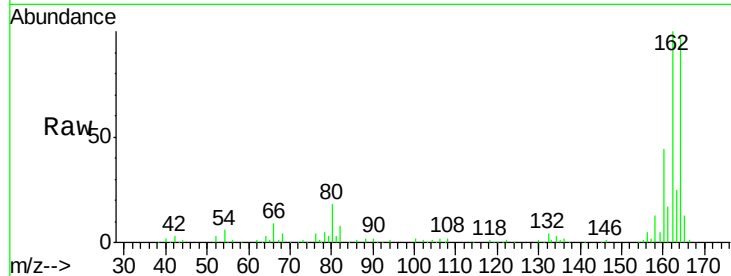
ClientSampleId :

PB117572BS

Tgt Ion:	164	Resp:	126106
Ion Ratio	Lower	Upper	
164	100		
162	103.5	81.6	122.4
160	45.2	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.902 ng

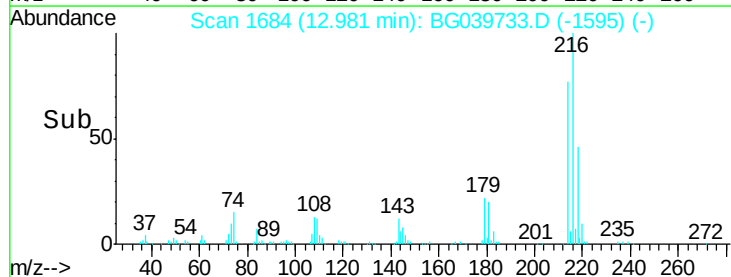
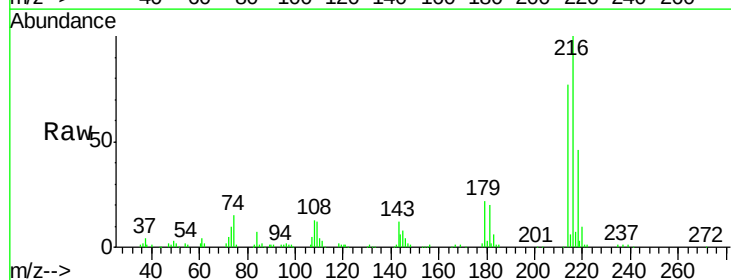
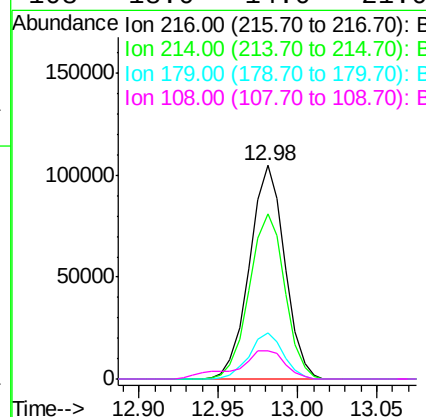
RT: 12.98 min Scan# 1684

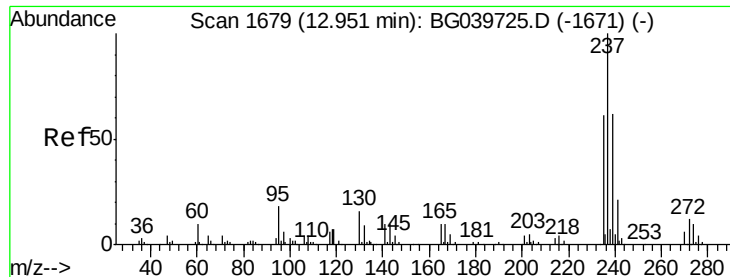
Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Tgt Ion:	216	Resp:	161921
Ion Ratio	Lower	Upper	
216	100		
214	78.3	62.6	94.0
179	21.1	16.6	25.0
108	18.0	14.0	21.0





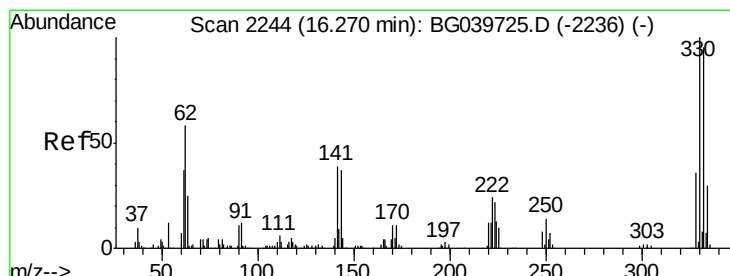
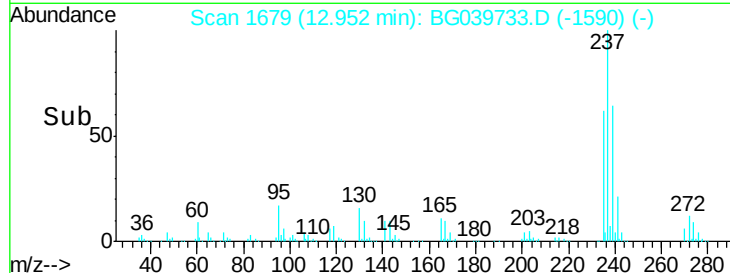
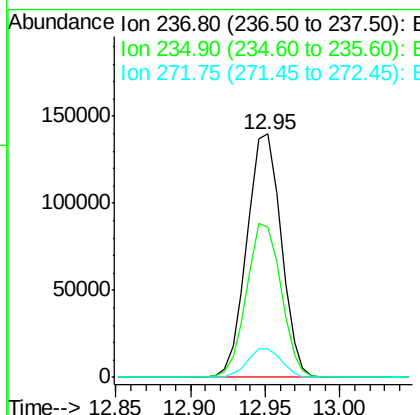
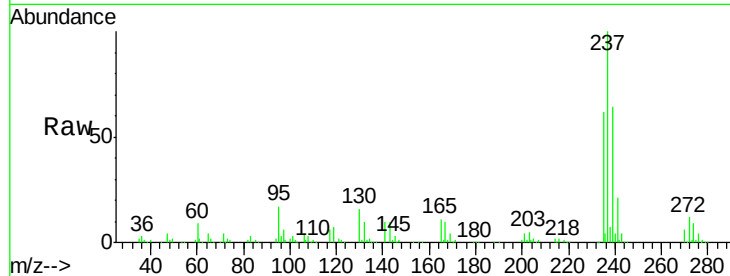
#41
Hexachlorocyclopentadiene
Concen: 97.119 ng
RT: 12.95 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.5	43.3	83.3
272	11.9	0.0	32.3

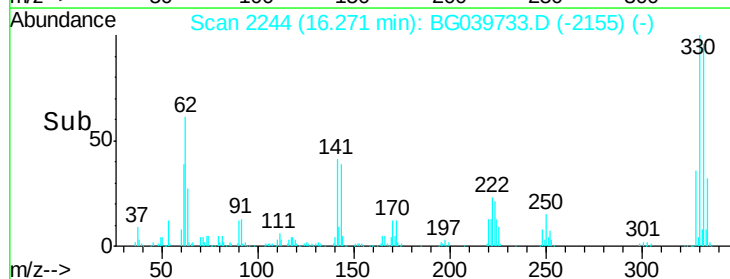
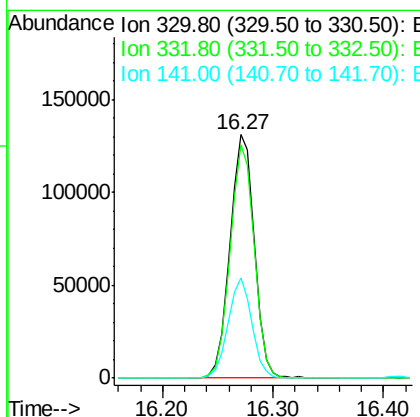
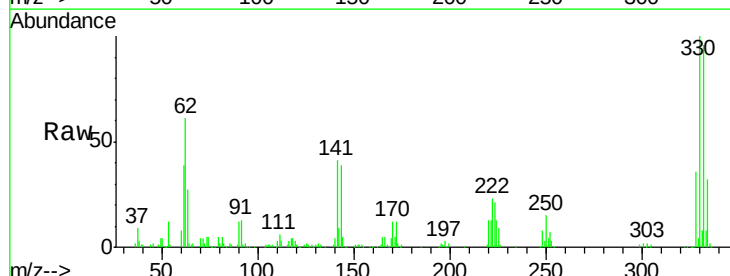
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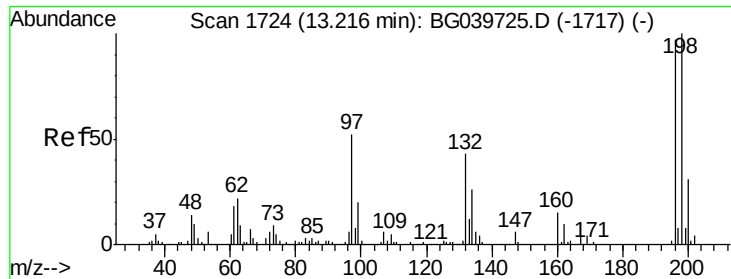
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#42
2,4,6-Tribromophenol
Concen: 138.488 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.9	75.7	113.5
141	39.9	35.6	53.4





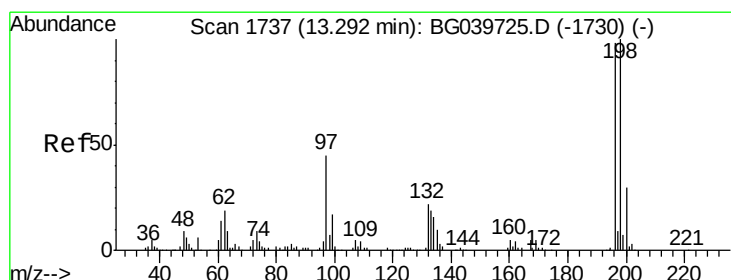
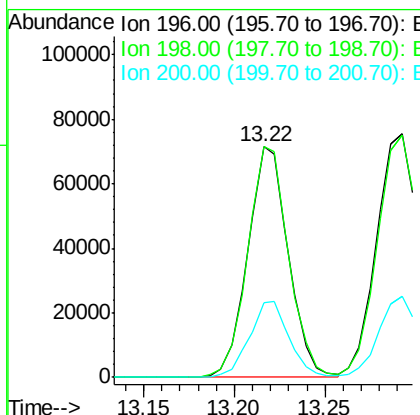
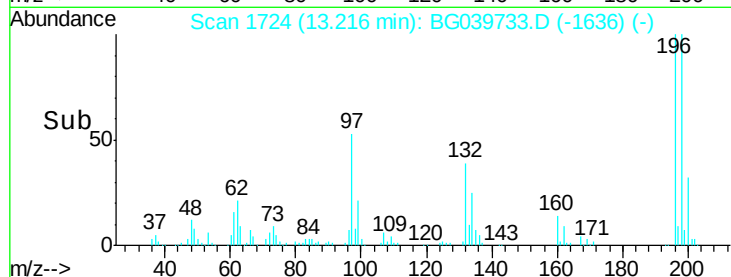
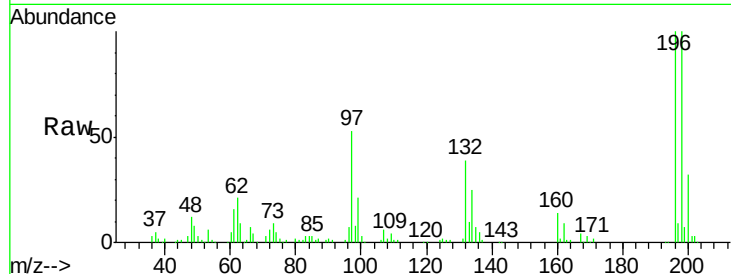
#43
 2,4,6-Trichlorophenol
 Concen: 44.680 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampled :
 PB117572BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	111751		
198	100.1	80.6	121.0	
200	32.4	26.1	39.1	

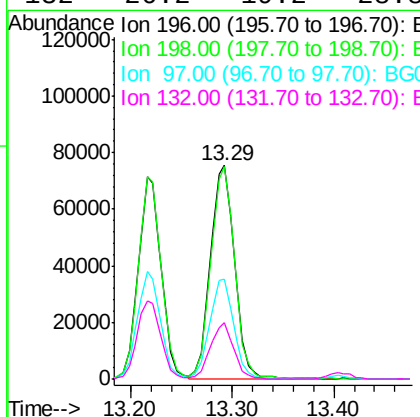
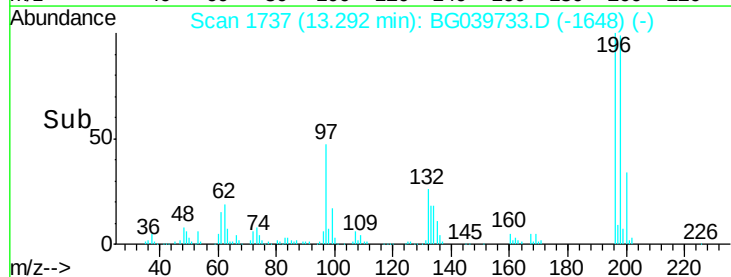
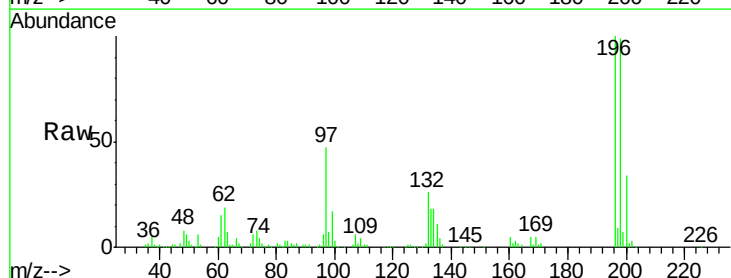
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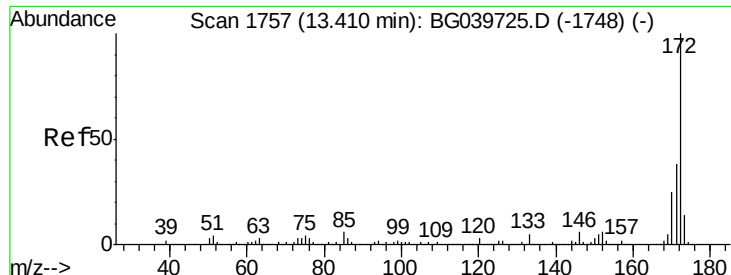
Sohil
 3/5/2019 5:21:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.451 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125317		
198	99.4	78.5	117.7	
97	46.7	38.4	57.6	
132	26.2	19.2	28.8	





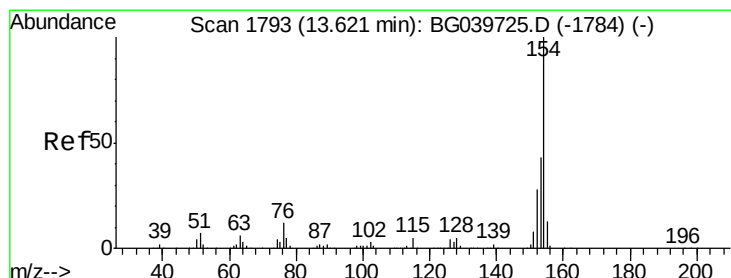
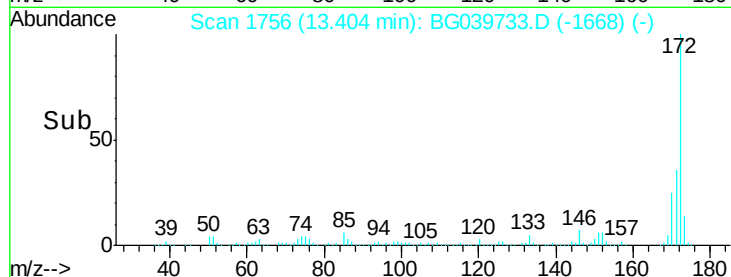
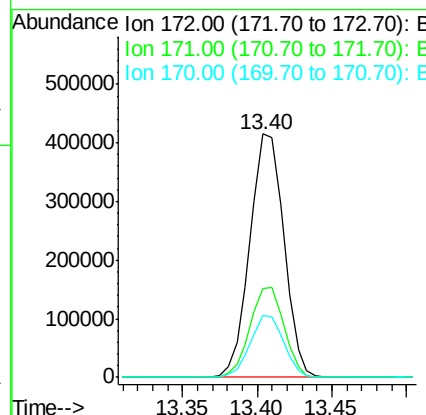
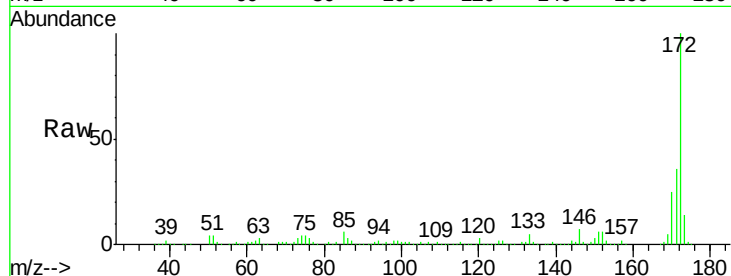
#45
 2-Fluorobiphenyl
 Concen: 73.862 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampled :
 PB117572BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.5	30.8	46.2
170	25.4	20.2	30.4

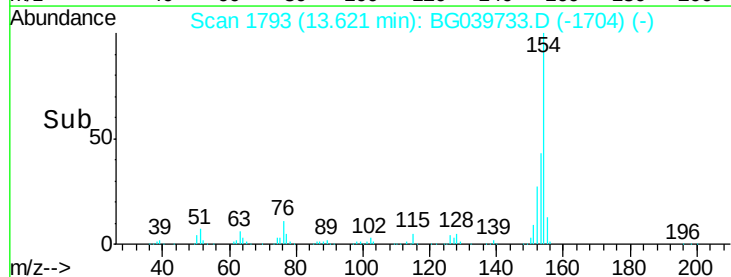
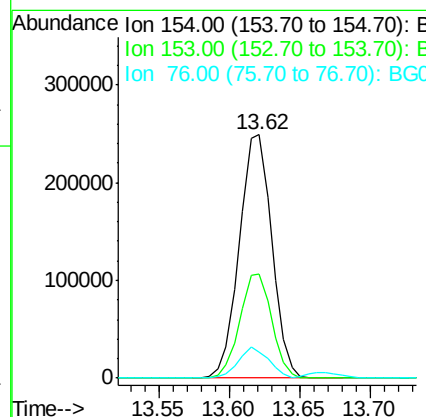
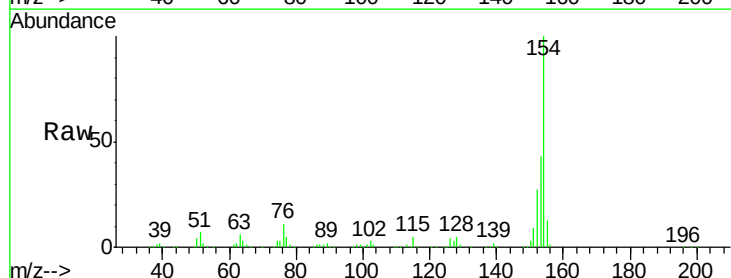
Manual Integrations
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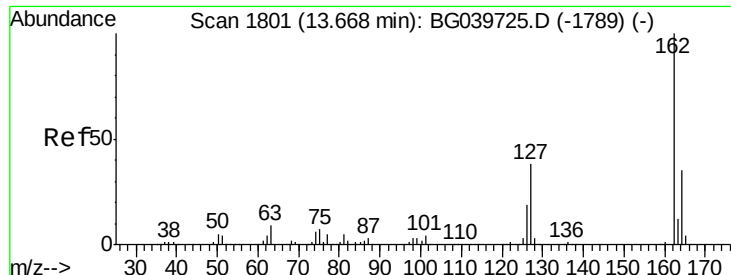
Sohil
 3/5/2019 5:21:38 PM



#46
 1,1'-Biphenyl
 Concen: 38.611 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	42.5	22.1	62.1
76	10.9	0.0	32.4





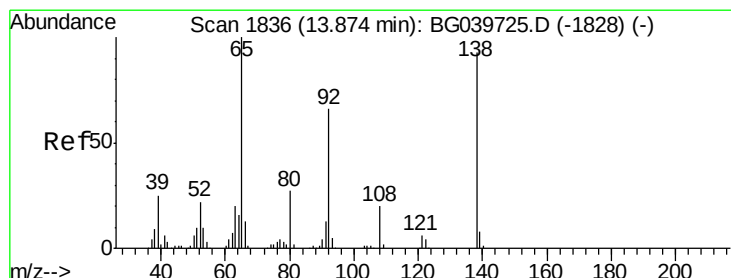
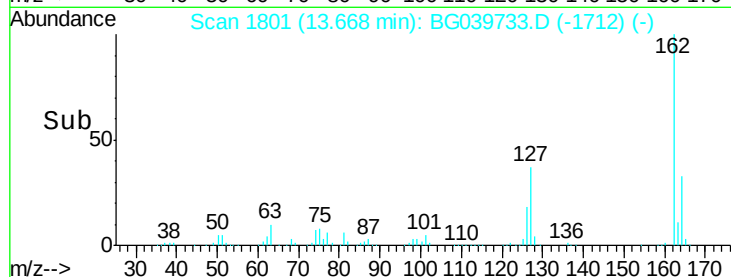
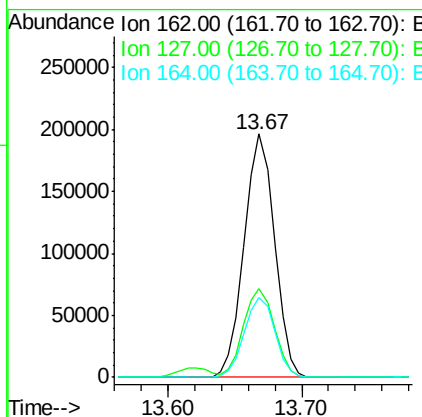
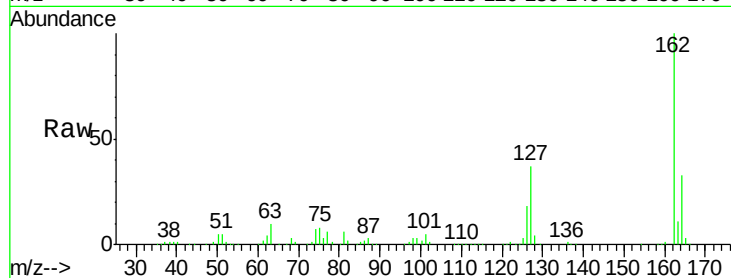
#47
 2-Chloronaphthalene
 Concen: 39.502 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampled :
 PB117572BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	308223		
127	36.7		31.0	46.6
164	32.7		25.7	38.5

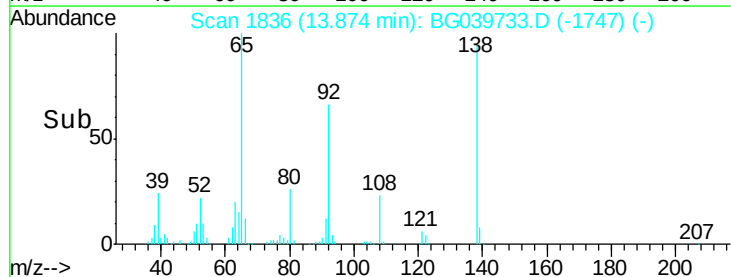
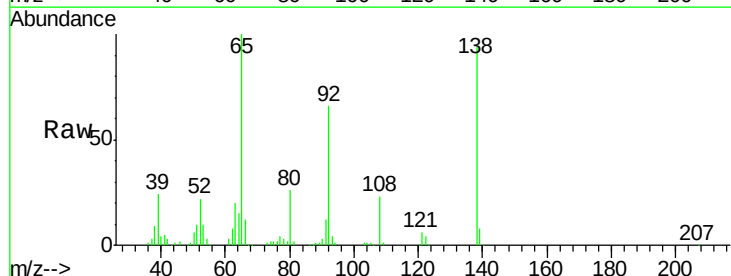
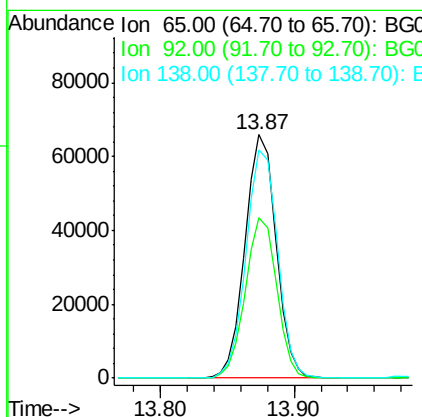
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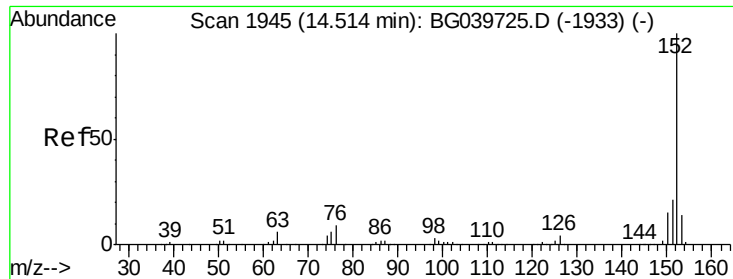
Sohil
 3/5/2019 5:21:38 PM



#48
 2-Nitroaniline
 Concen: 42.272 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	106000		
92	65.8		51.4	77.2
138	93.9		71.4	107.2





#49

Acenaphthylene

Concen: 38.960 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039733.D

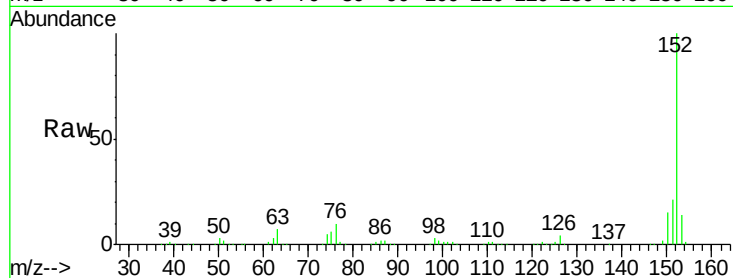
Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

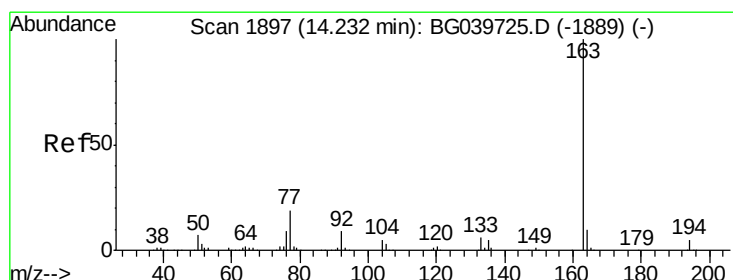
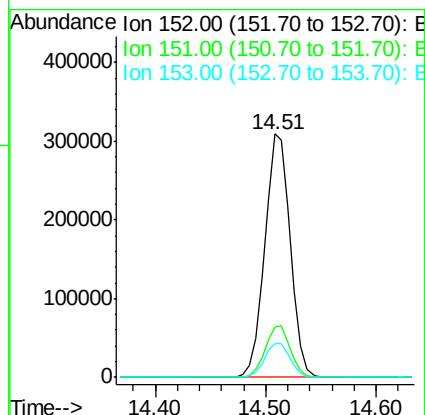
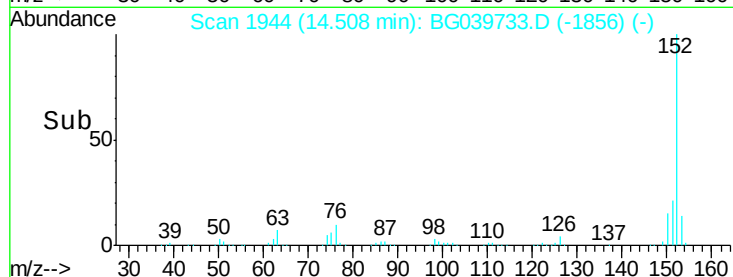
PB117572BS



Tgt Ion:	152	Resp:	499043
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.7	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.103 ng

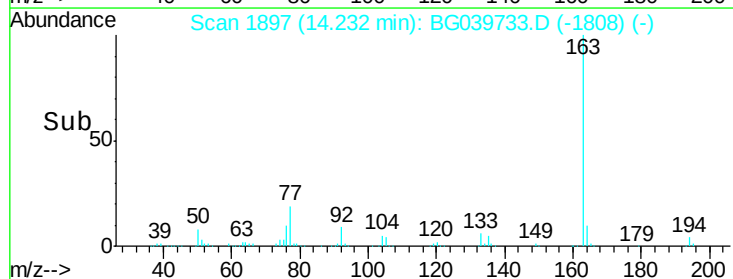
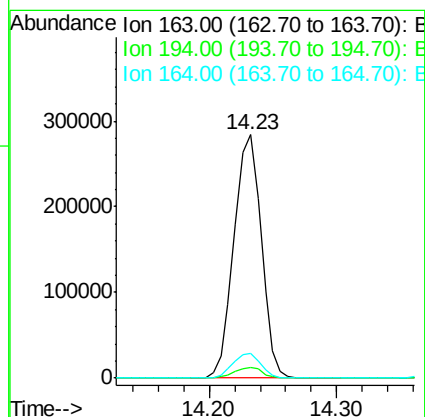
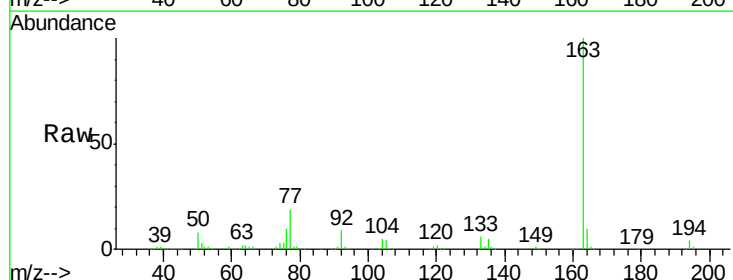
RT: 14.23 min Scan# 1897

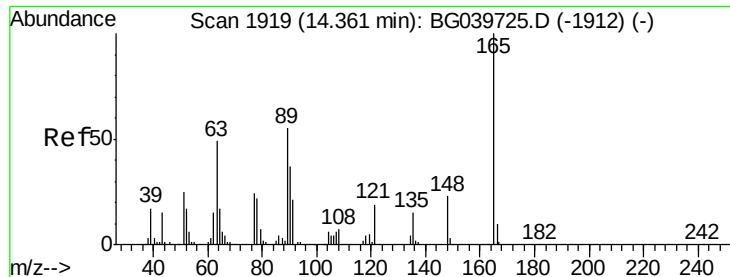
Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Tgt Ion:	163	Resp:	422876
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.3	8.4	12.6





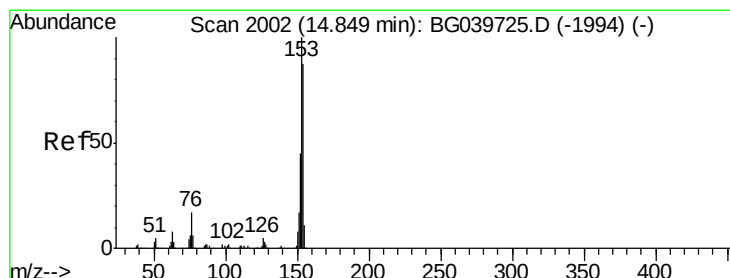
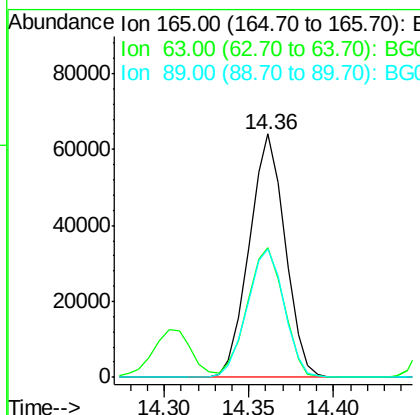
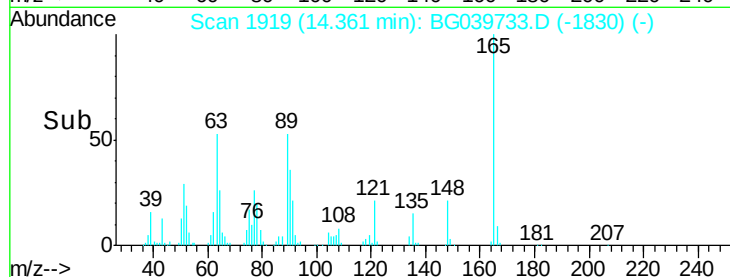
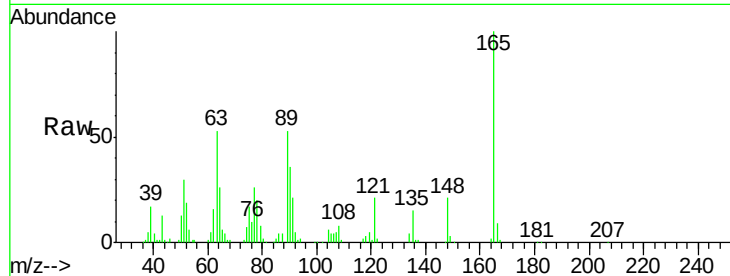
#51
 2,6-Dinitrotoluene
 Concen: 42.289 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	94536		
63	53.5	47.0	70.6	
89	52.8	45.8	68.8	

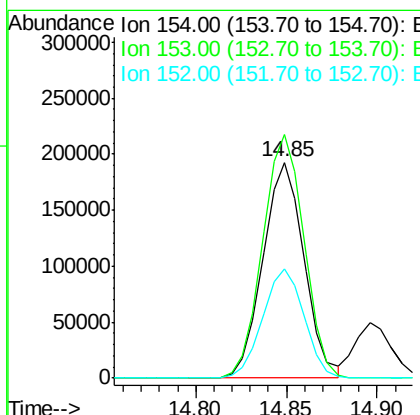
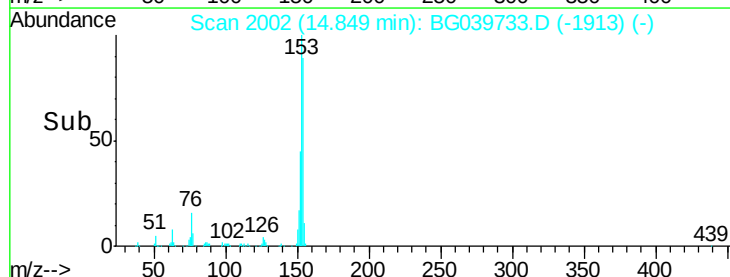
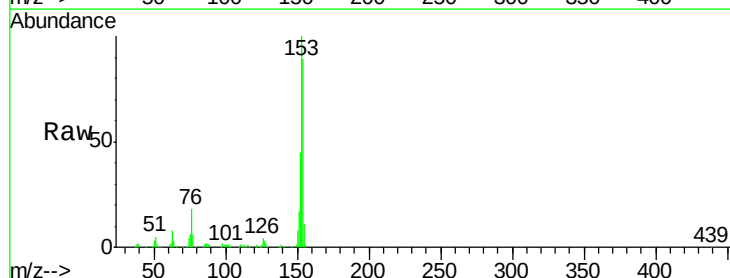
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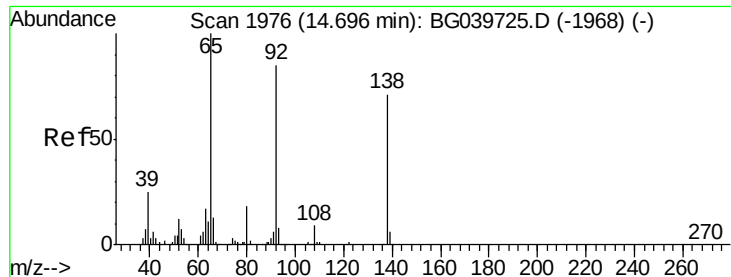
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#52
 Acenaphthene
 Concen: 39.710 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	306141		
153	112.8	90.1	135.1	
152	50.6	40.9	61.3	





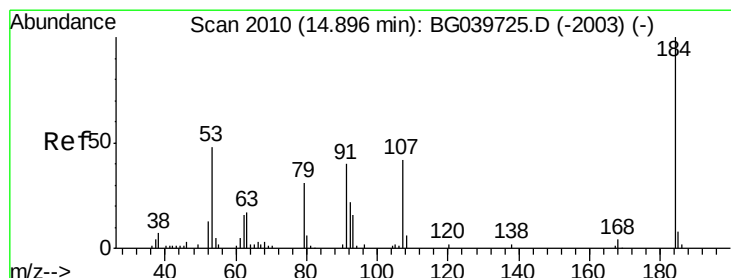
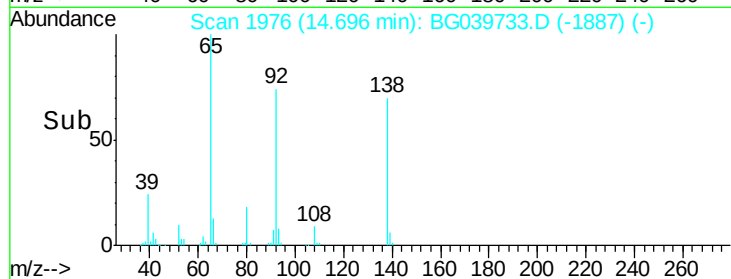
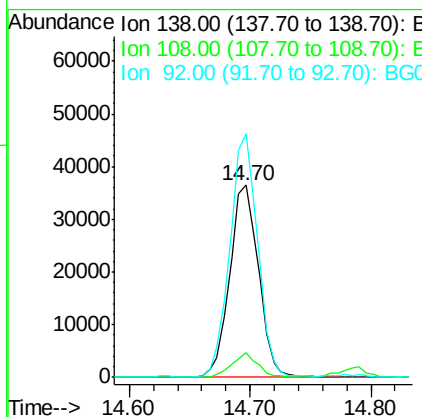
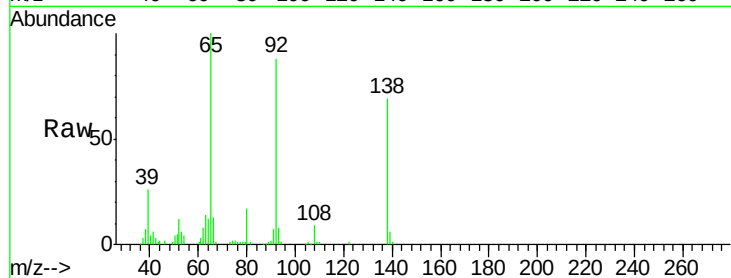
#53
3-Nitroaniline
Concen: 26.999 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion:138 Resp: 60670
Ion Ratio Lower Upper
138 100
108 12.6 13.8 20.8#
92 126.8 103.7 155.5

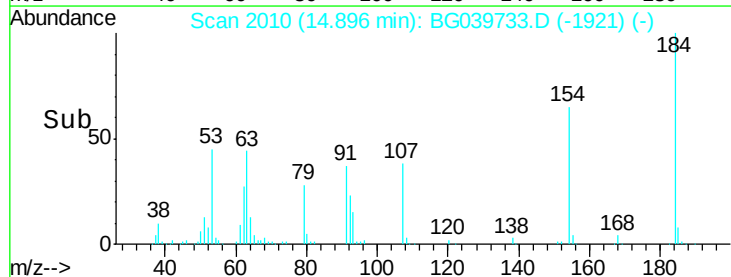
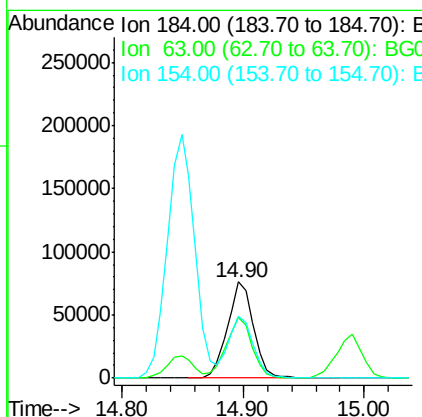
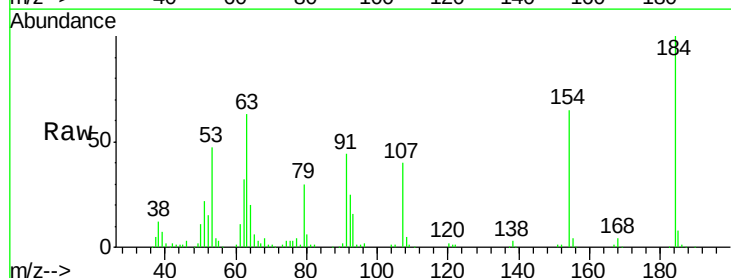
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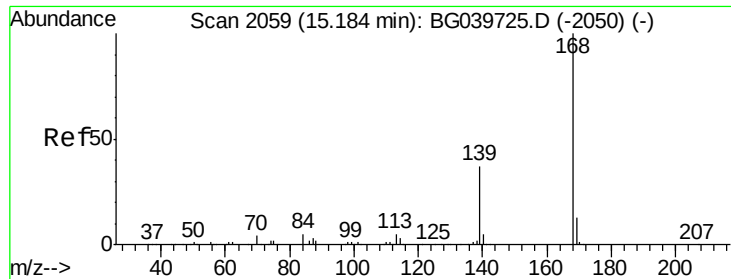
Sohil
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#54
2,4-Dinitrophenol
Concen: 81.362 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion:184 Resp: 114836
Ion Ratio Lower Upper
184 100
63 63.4 50.9 76.3
154 64.9 53.0 79.6





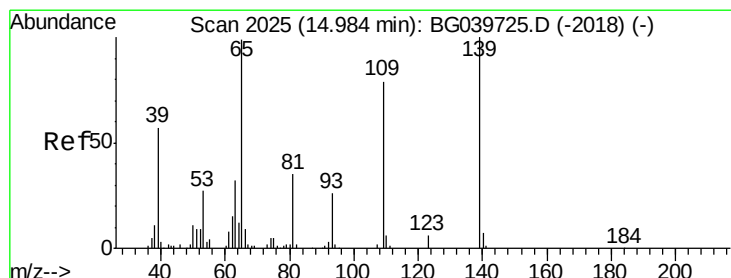
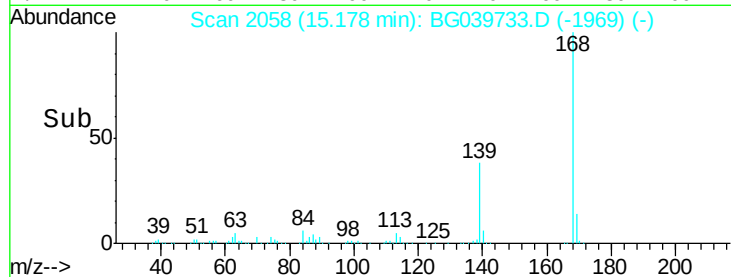
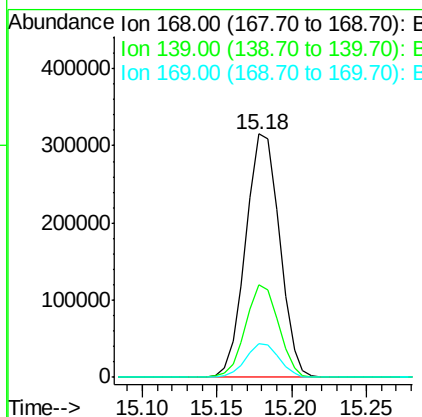
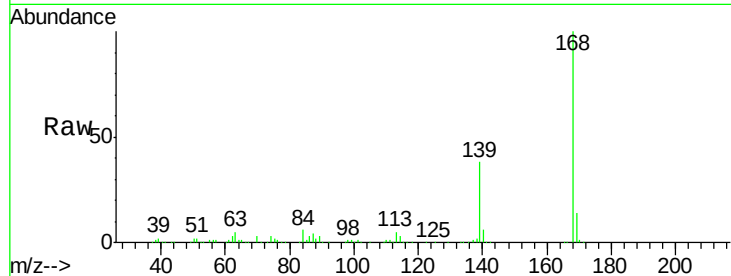
#55
Dibenzenofuran
Concen: 39.220 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	496089		
139	38.2	30.1	45.1	
169	13.9	10.6	16.0	

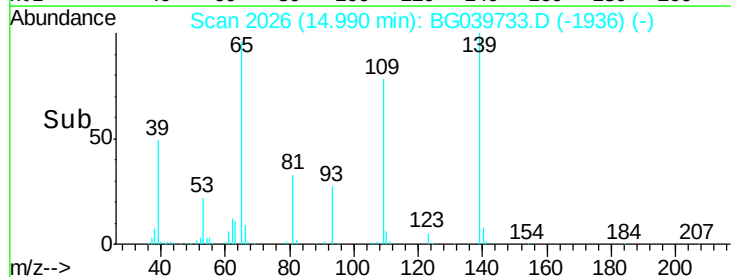
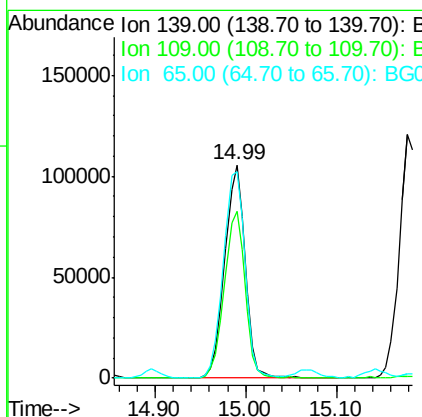
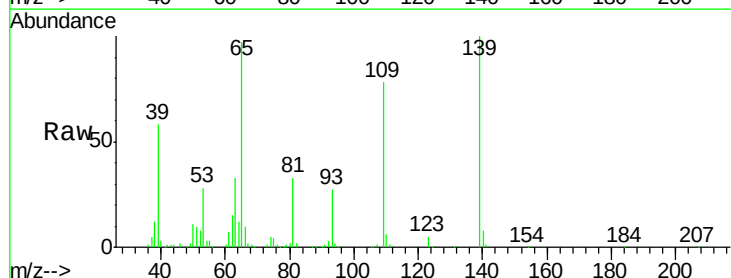
Manual Integrations
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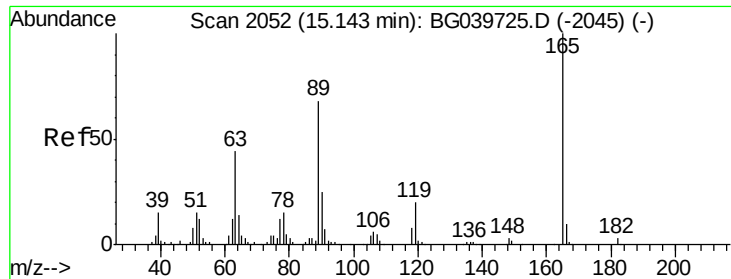
Sohil
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#56
4-Nitrophenol
Concen: 82.692 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	166228		
109	78.3	61.9	101.9	
65	96.8	99.1	139.1#	





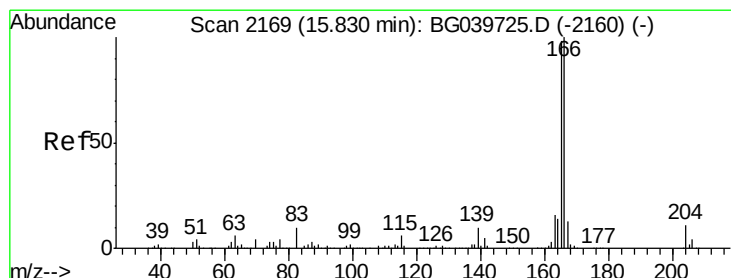
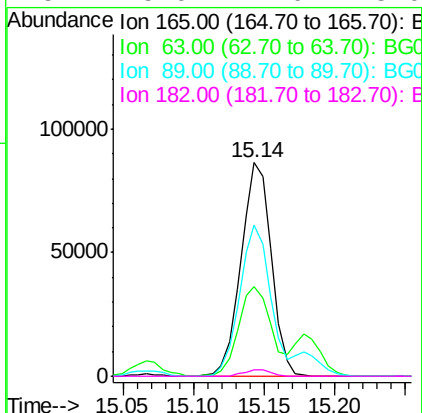
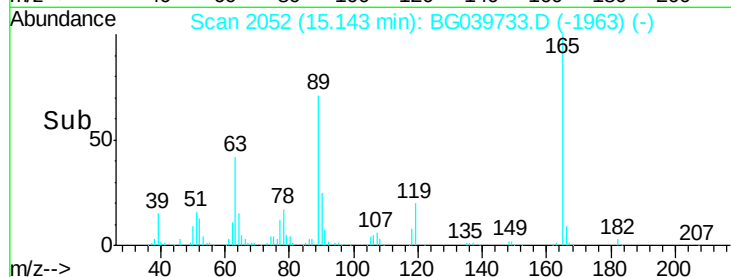
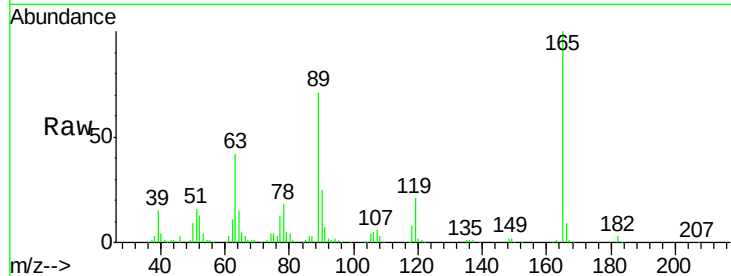
#57
 2,4-Dinitrotoluene
 Concen: 41.326 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	129808		
63	42.1	41.0	61.6	
89	70.5	64.6	96.8	
182	3.0	2.0	3.0	

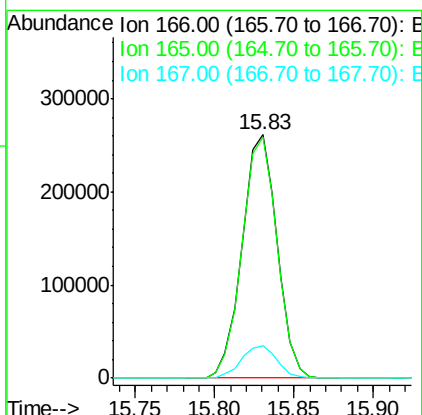
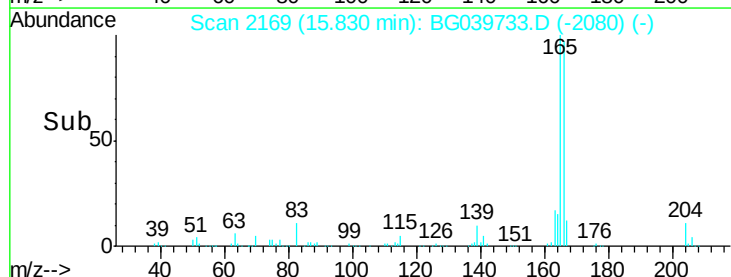
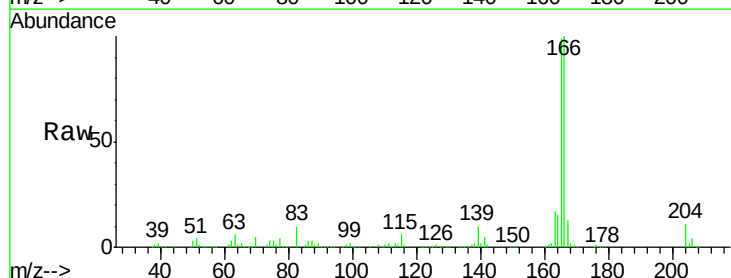
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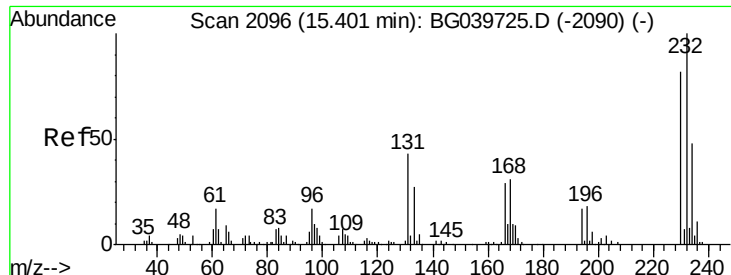
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#58
 Fluorene
 Concen: 40.161 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	399346		
165	99.0	77.9	116.9	
167	13.3	10.8	16.2	





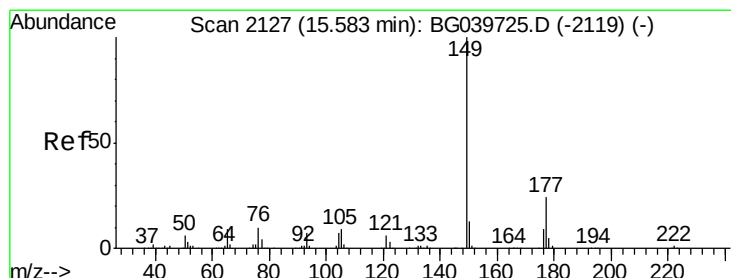
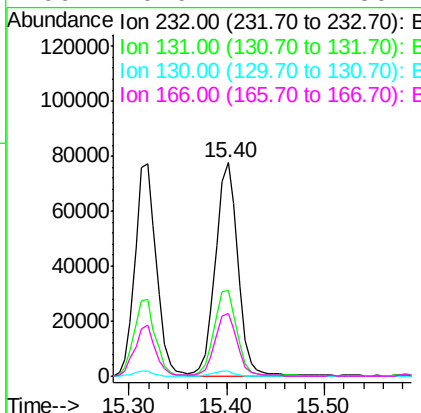
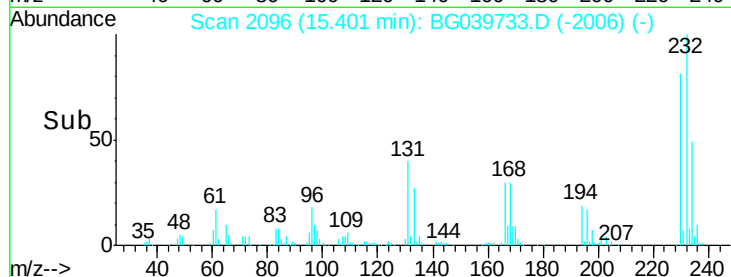
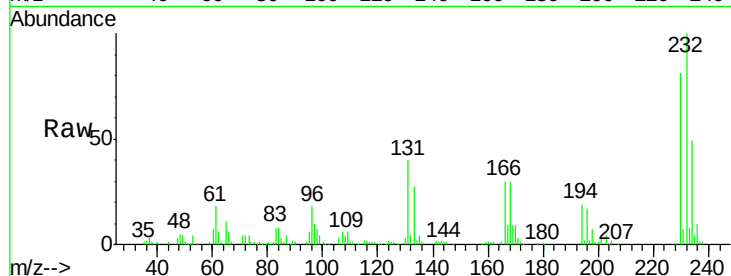
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.942 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	123740		
131	40.2	34.9	52.3	
130	2.3	2.0	3.0	
166	29.6	24.1	36.1	

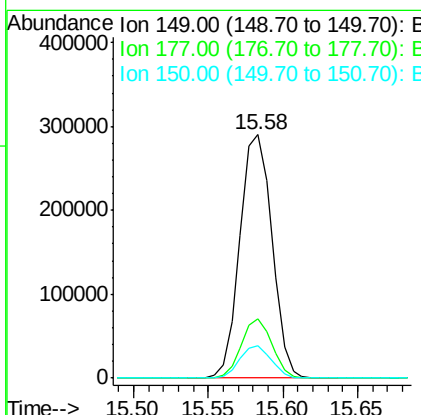
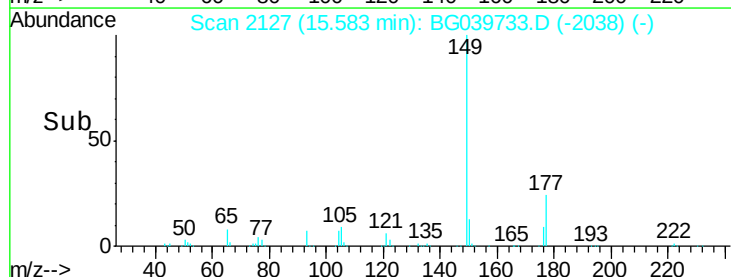
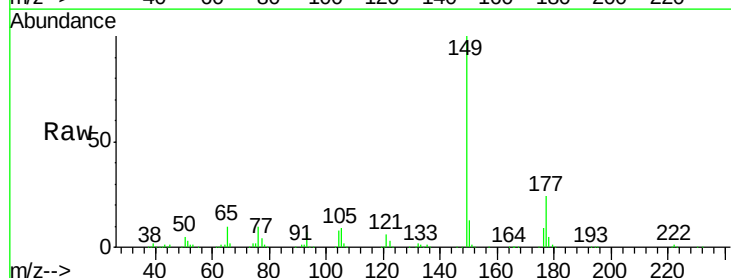
Manual Integrations
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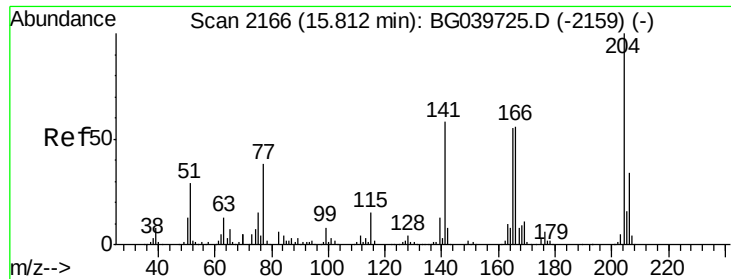
Sohil
3/5/2019 5:21:38 PM



#60
Diethylphthalate
Concen: 41.368 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	431830		
177	24.2	18.3	27.5	
150	13.4	10.2	15.2	





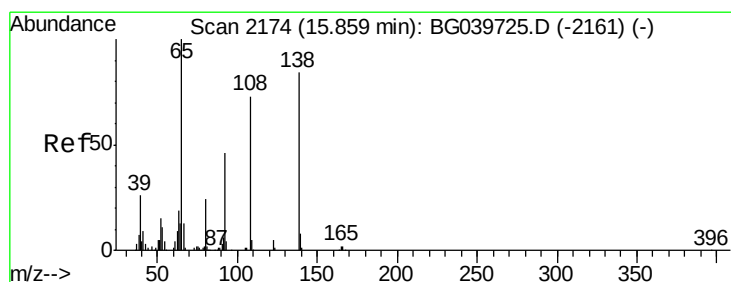
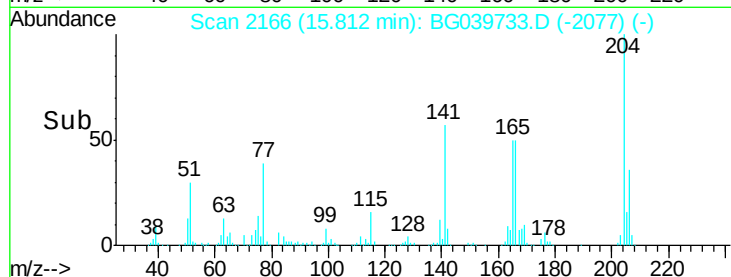
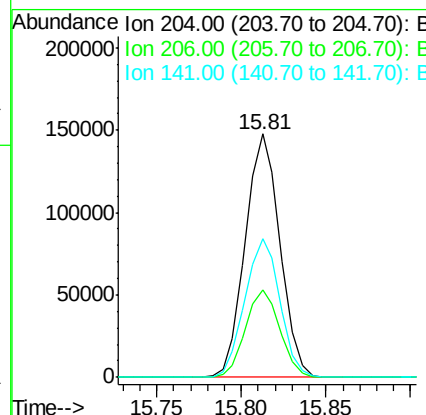
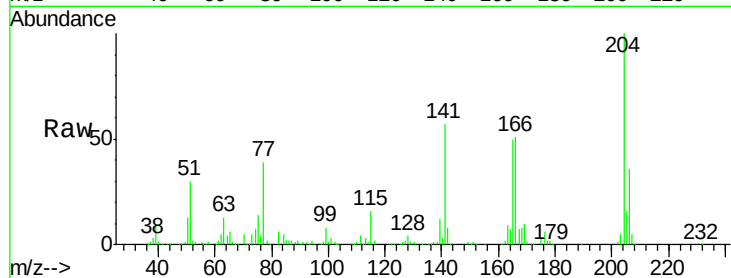
#61
 4-Chlorophenyl-phenylether
 Concen: 39.807 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.8	29.2	43.8
141	56.8	49.0	73.4

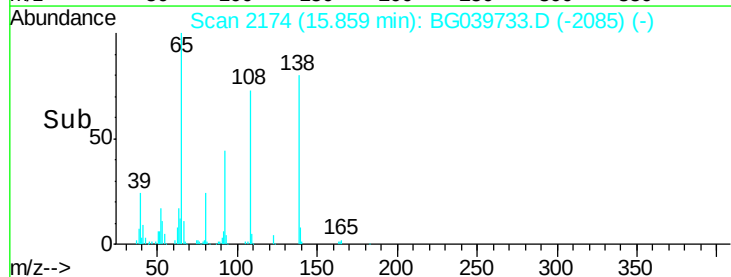
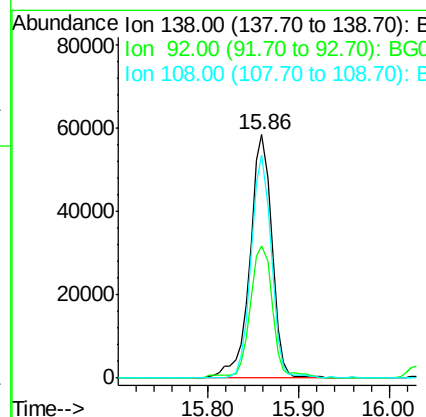
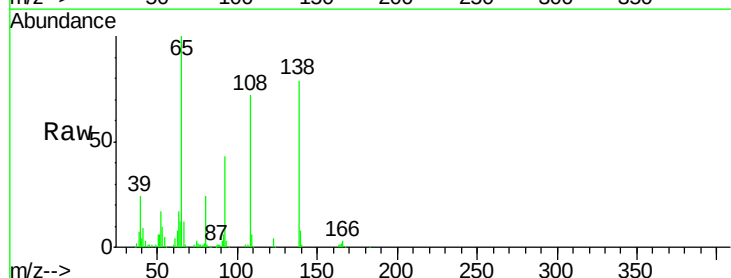
Manual Integrations
 APPROVED

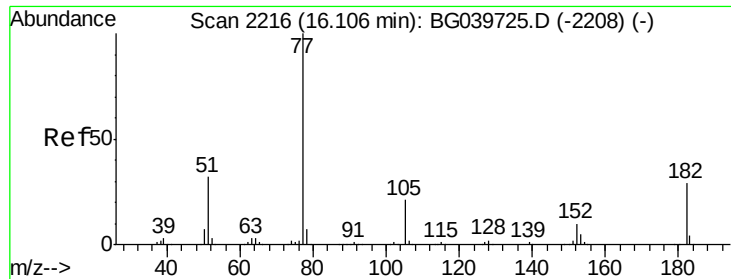
Sohil
 3/5/2019 5:21:38 PM



#62
 4-Nitroaniline
 Concen: 40.327 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	38.7	78.7
108	91.5	74.6	114.6





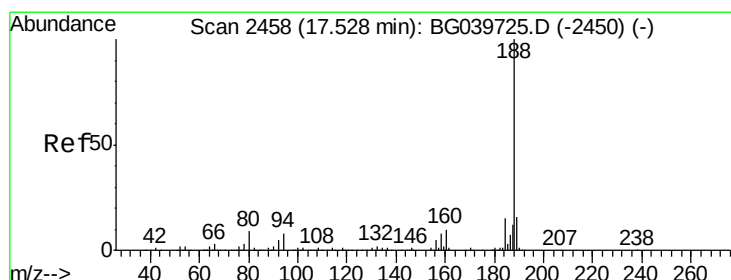
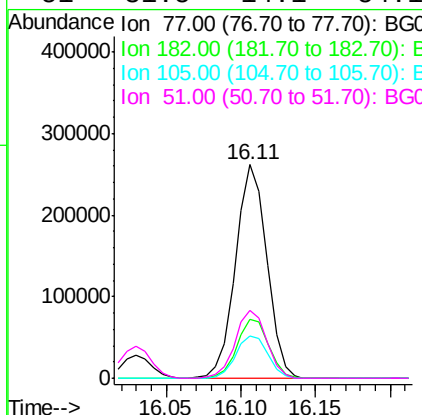
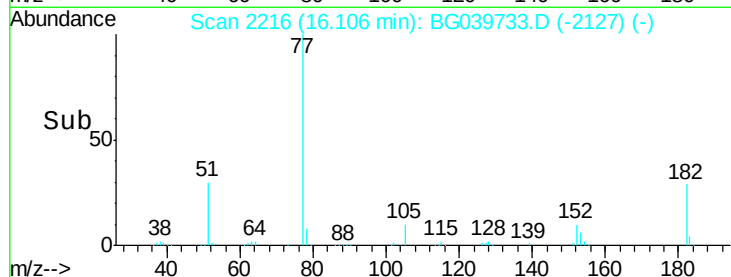
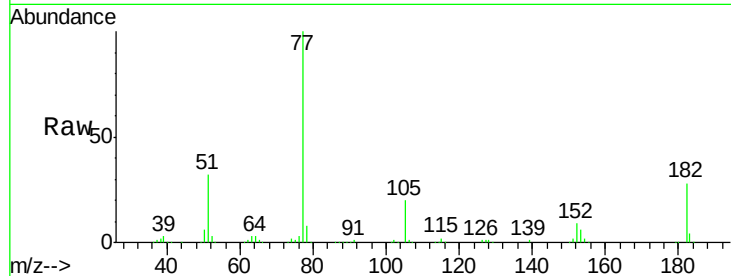
#63
Azobenzene
Concen: 40.404 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
182	27.6	6.4	46.4
105	19.6	0.0	39.8
51	31.5	14.1	54.1

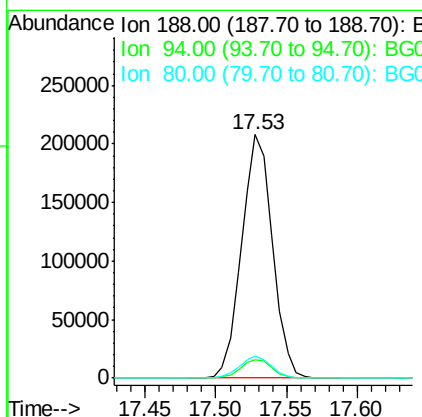
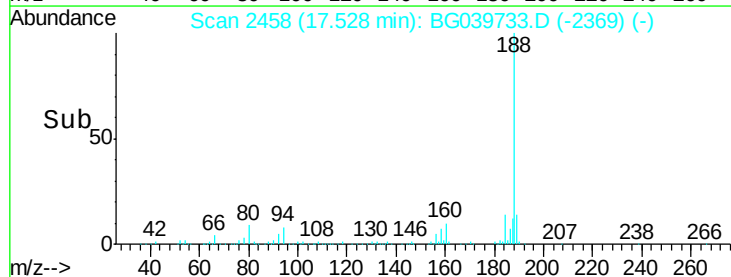
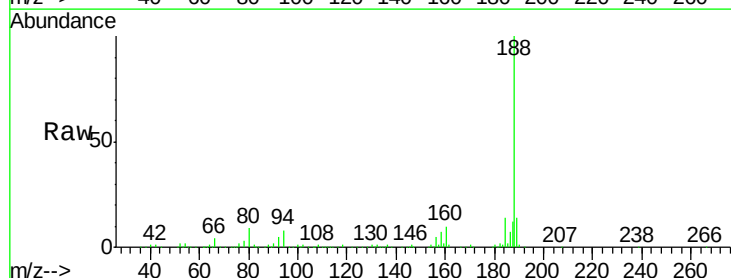
Manual Integrations
APPROVED

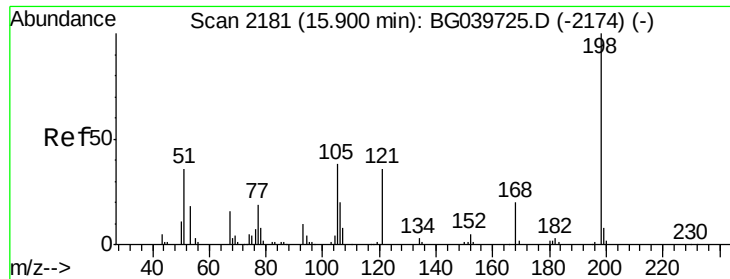
Sohil
3/5/2019 5:21:38 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.8	6.9	10.3
80	8.9	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.679 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

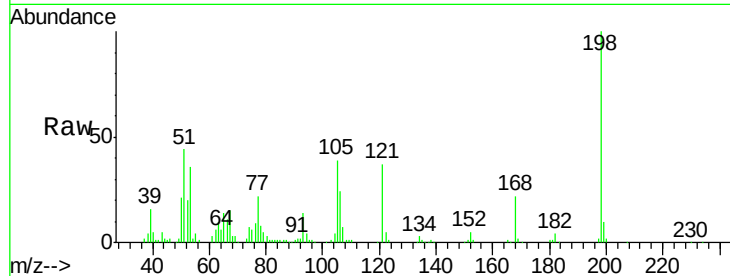
ClientSampleId :

PB117572BS

Tgt Ion:	198	Resp:	78219
Ion Ratio	Lower	Upper	
198	100		
51	43.8	27.4	67.4
105	39.3	19.7	59.7

Manual Integrations
APPROVED

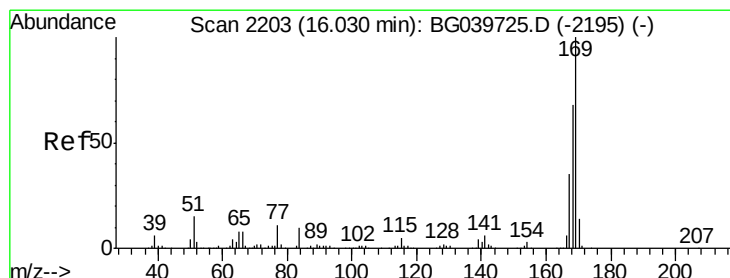
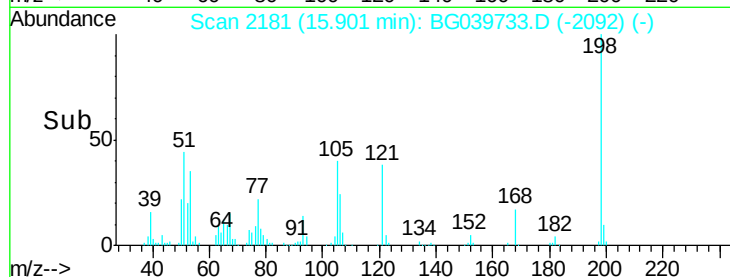
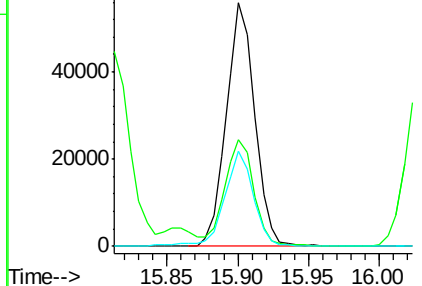
Sohil
3/5/2019 5:21:38 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039733.D (-2114) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.338 ng

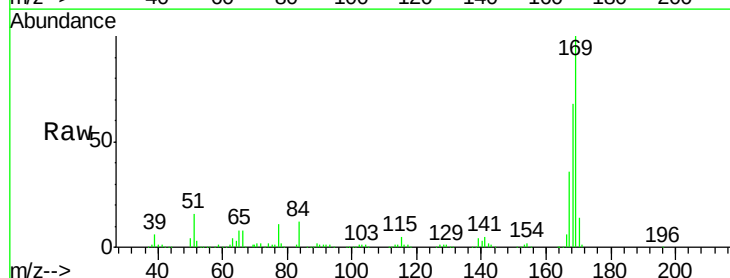
RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

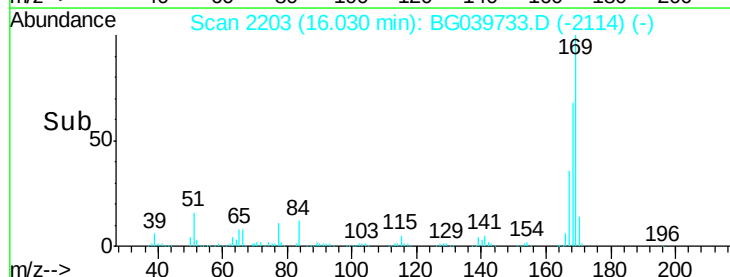
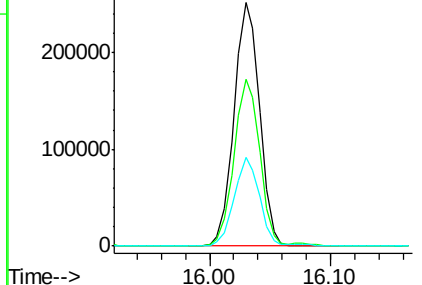
Tgt Ion:	169	Resp:	370661
Ion Ratio	Lower	Upper	
169	100		
168	68.3	56.6	85.0
167	36.4	28.8	43.2

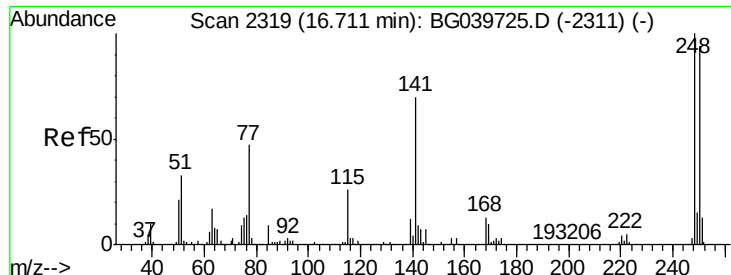


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





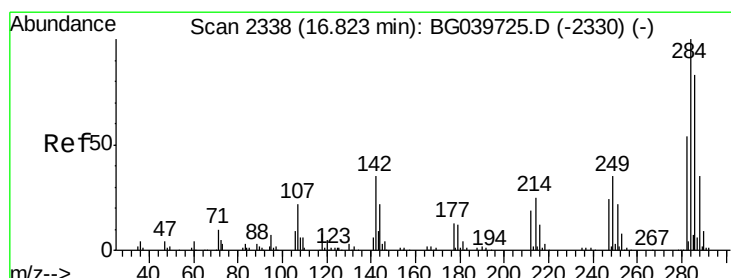
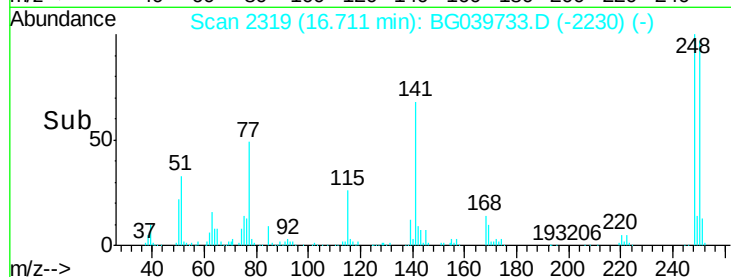
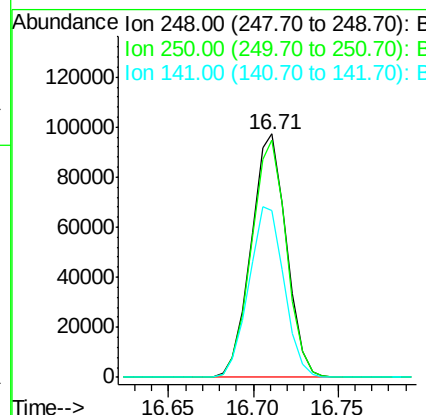
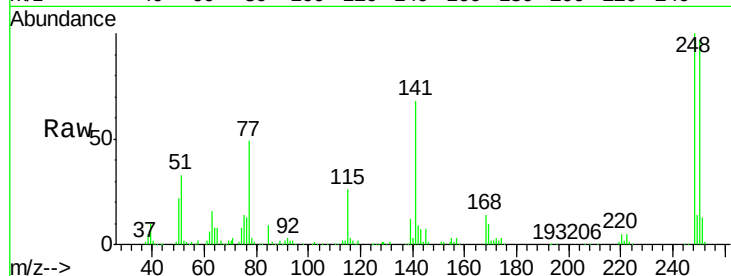
#67
 4-Bromophenyl-phenylether
 Concen: 39.566 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.6	116.4
141	68.3	63.9	95.9

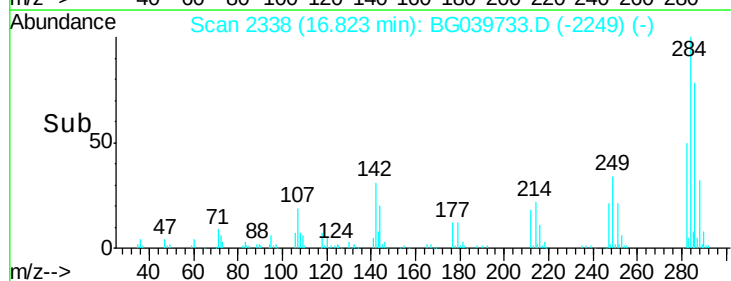
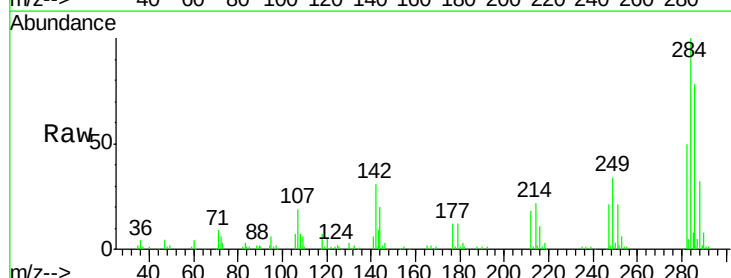
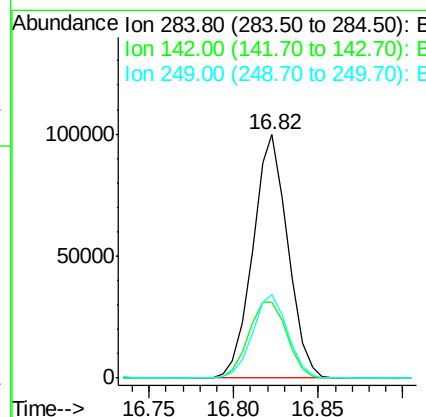
Manual Integrations
 APPROVED

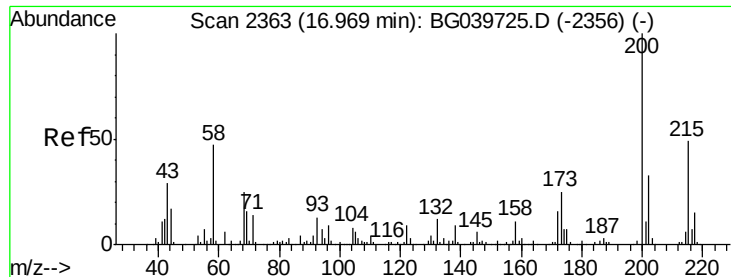
Sohil
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#68
 Hexachlorobenzene
 Concen: 38.815 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	30.6	45.8
249	34.3	28.2	42.2





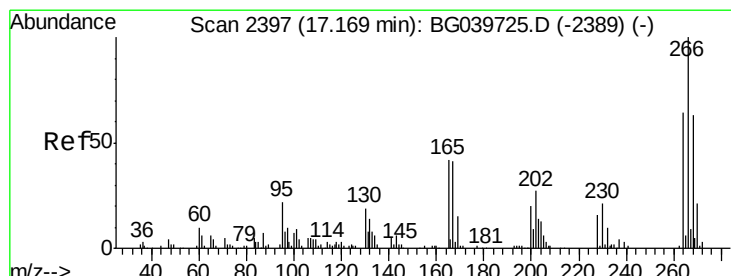
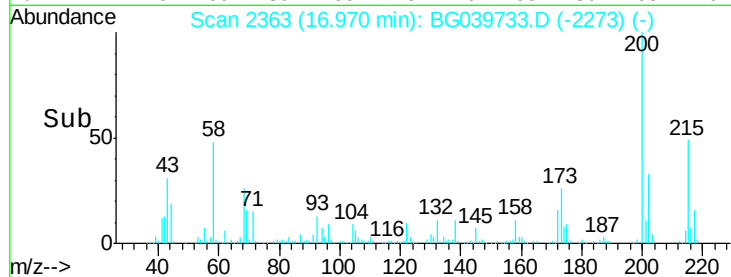
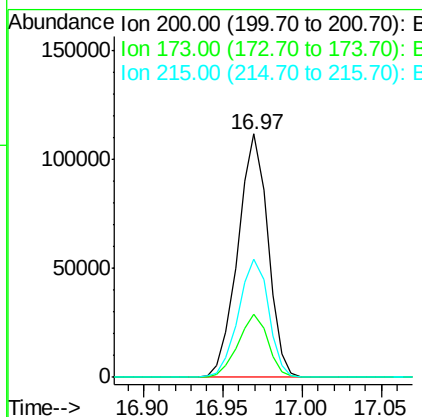
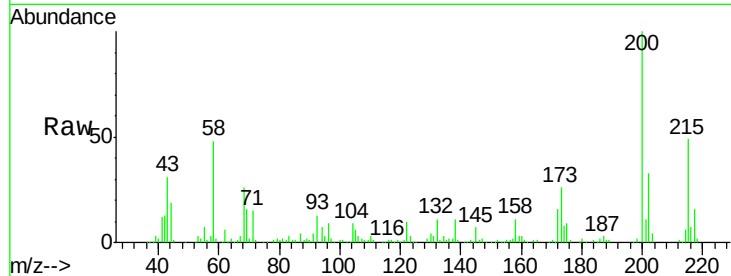
#69
 Atrazine
 Concen: 40.639 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampled :
 PB117572BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.1	3.9	43.9
215	48.7	30.9	70.9

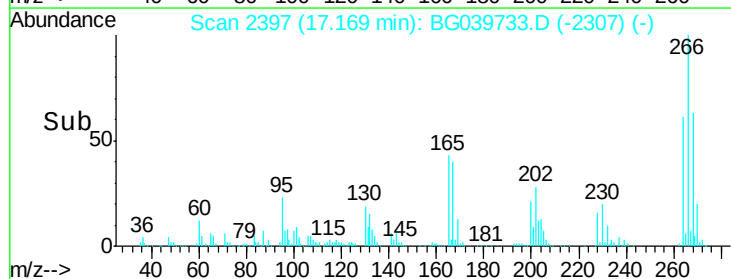
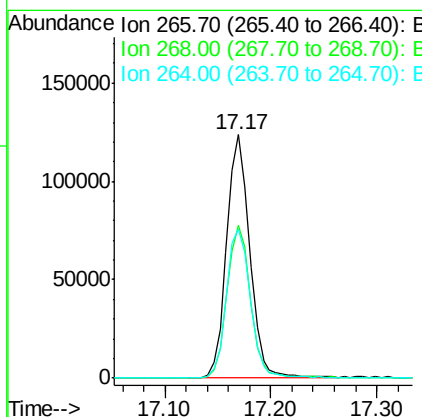
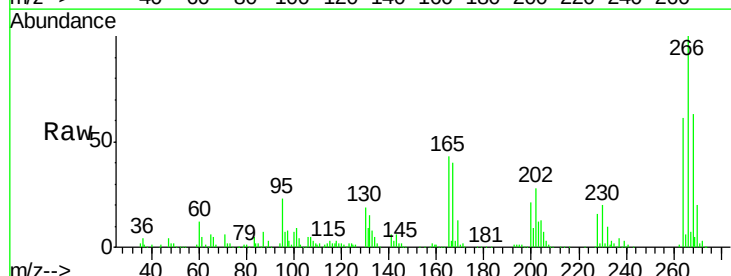
Manual Integrations
 APPROVED

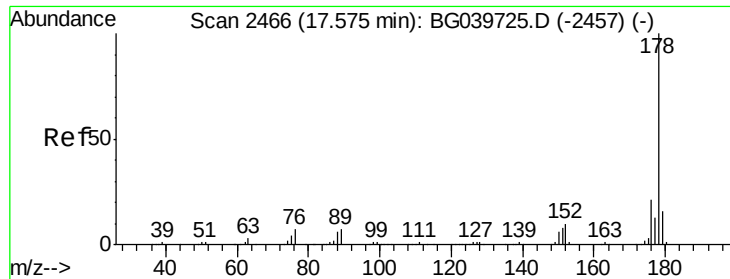
Sohil
 3/5/2019 5:21:38 PM



#70
 Pentachlorophenol
 Concen: 80.908 ng
 RT: 17.17 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.7	51.1	76.7
264	61.1	52.1	78.1





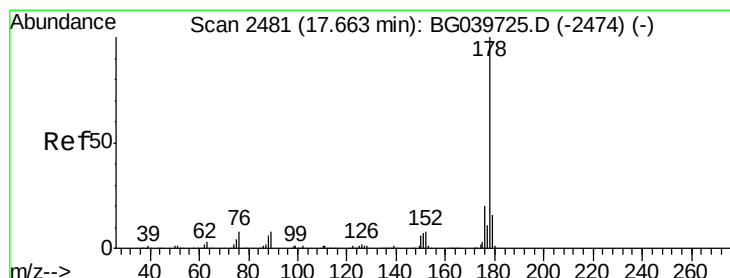
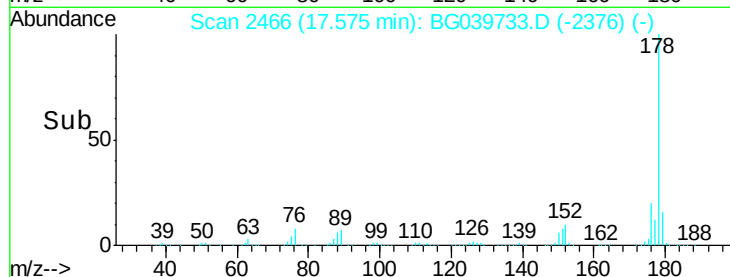
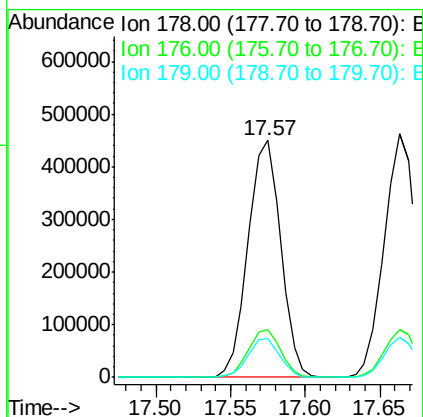
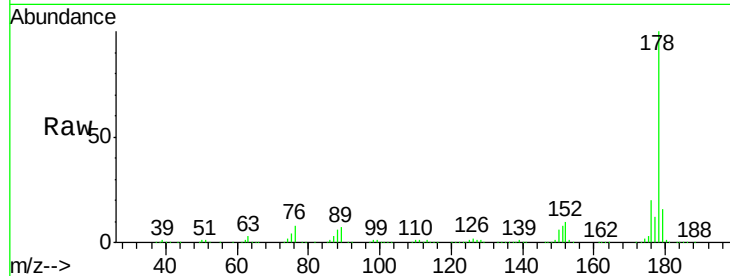
#71
Phenanthrene
Concen: 38.913 ng
RT: 17.57 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.4	12.6	19.0

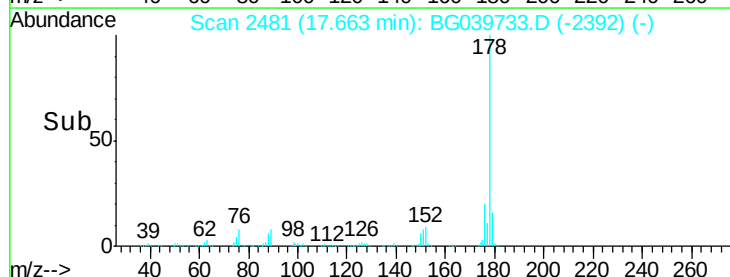
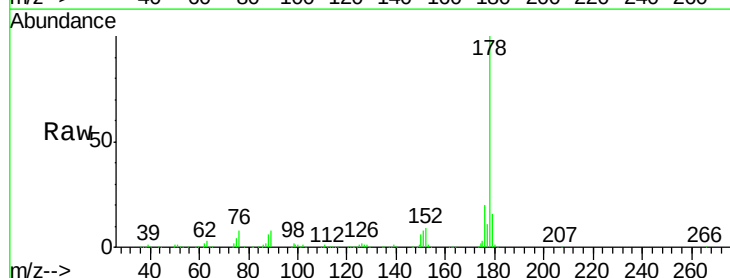
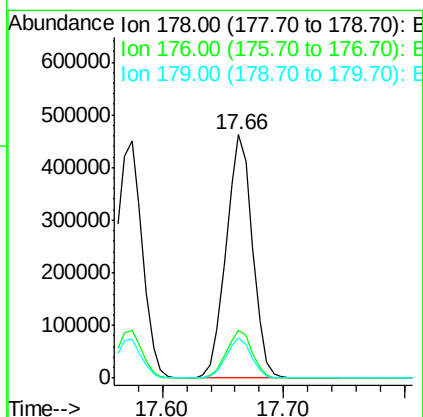
Manual Integrations
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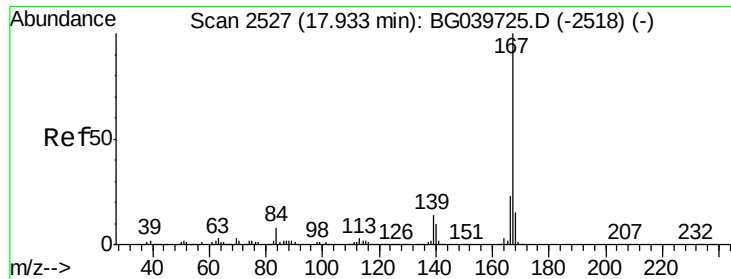
Sohil
3/5/2019 5:21:38 PM



#72
Anthracene
Concen: 40.978 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

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





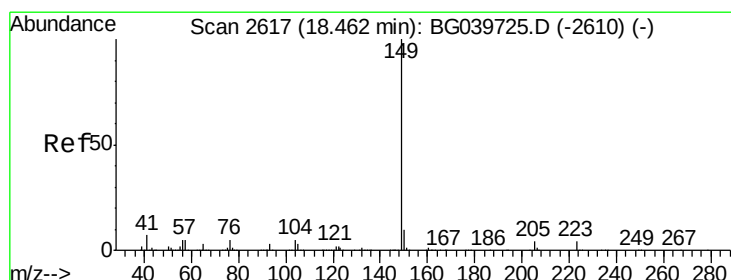
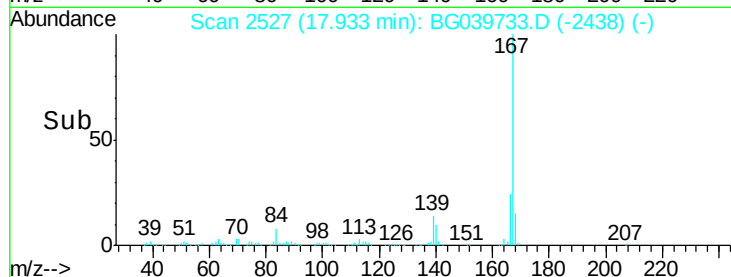
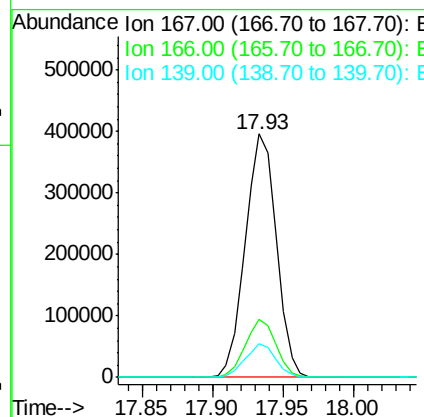
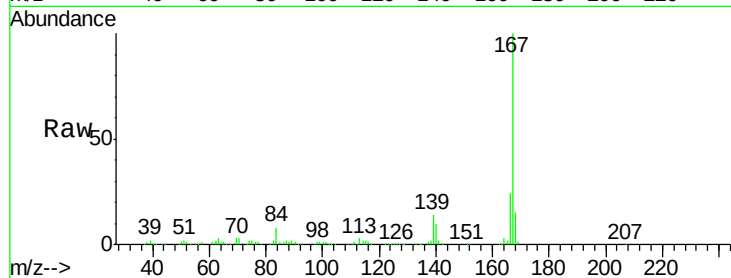
#73
 Carbazole
 Concen: 39.943 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	613480		
166	23.7	19.4	29.2	
139	13.6	10.8	16.2	

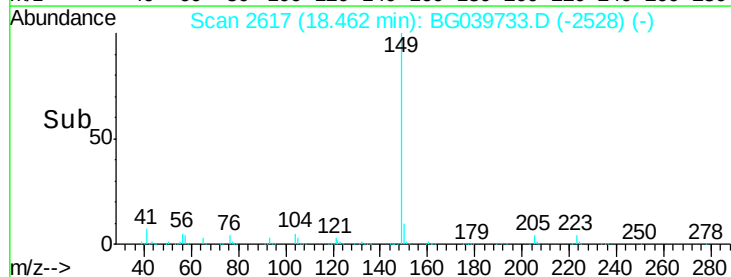
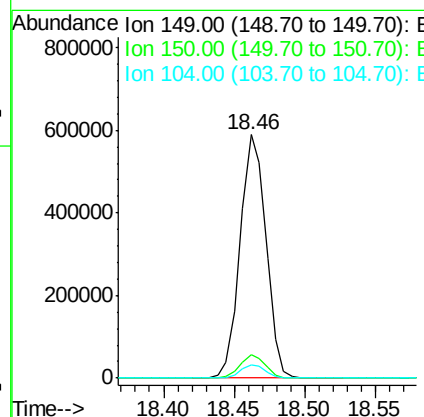
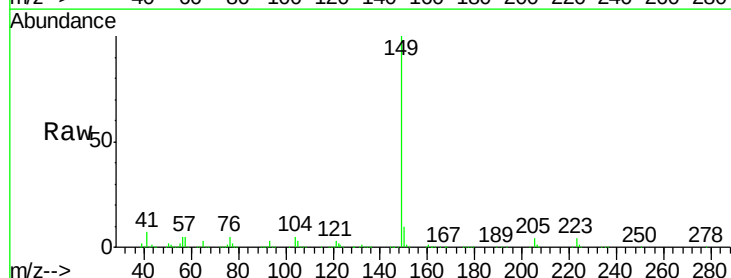
Manual Integrations
 APPROVED

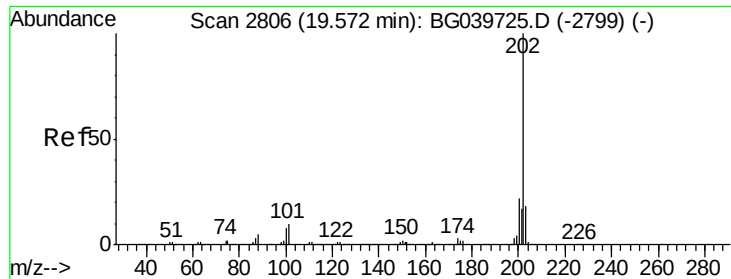
Sohil
 3/5/2019 5:21:38 PM



#74
 Di-n-butylphthalate
 Concen: 41.546 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	750770		
150	9.7	7.7	11.5	
104	5.5	4.5	6.7	





#75

Fluoranthene

Concen: 40.255 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

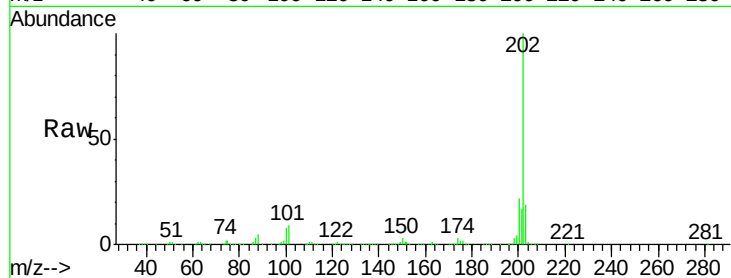
ClientSampleId :

PB117572BS

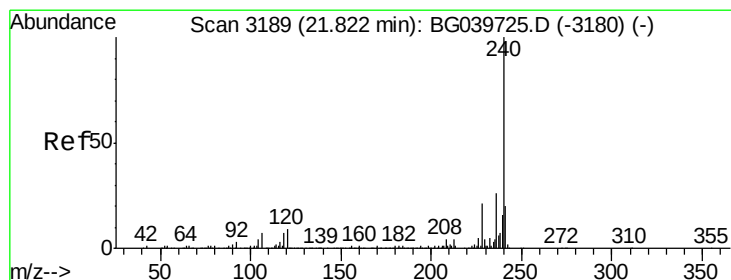
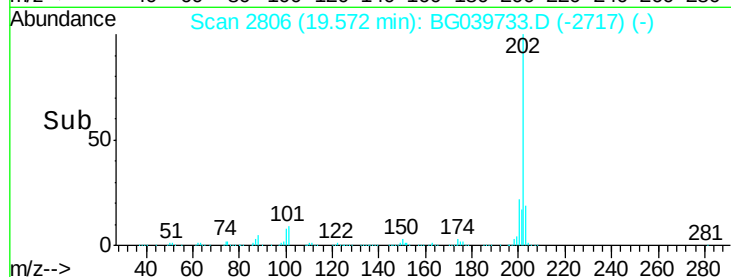
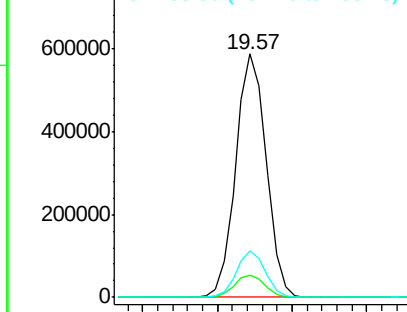
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.1	0.0	30.0
203	19.1	0.0	38.9

Manual Integrations
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3/5/2019 5:21:38 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

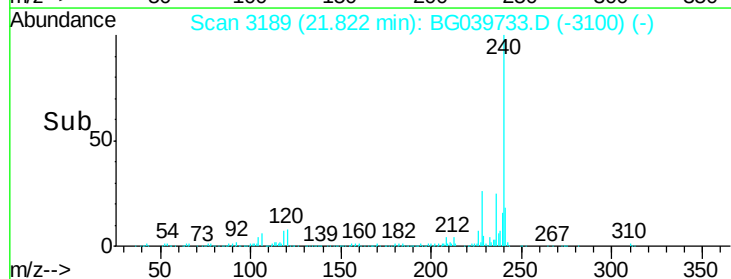
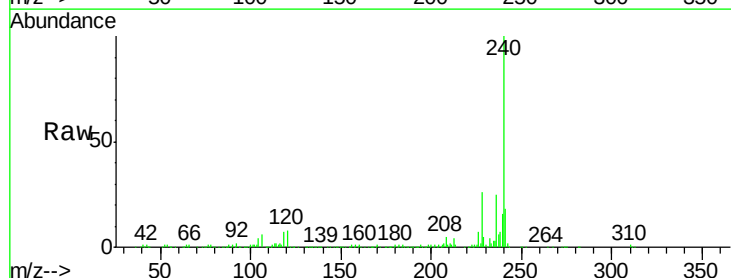
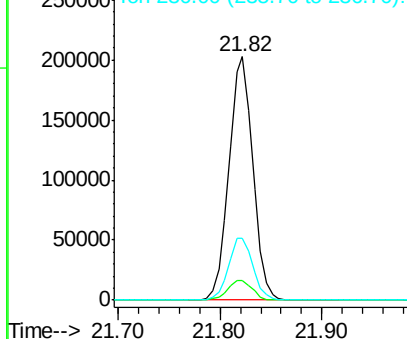
Delta R.T. -0.01 min

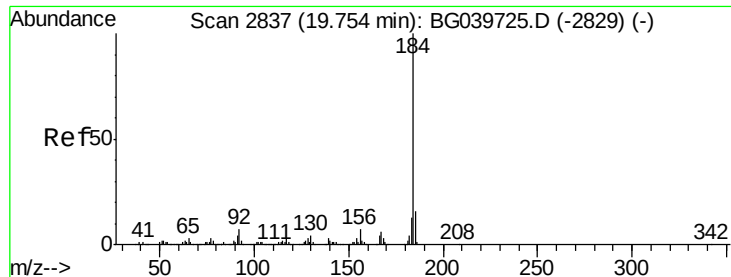
Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.3	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: 43.773 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

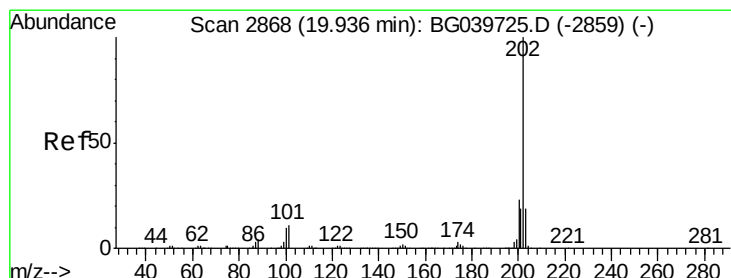
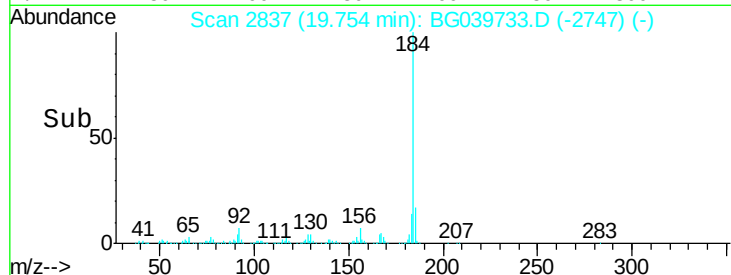
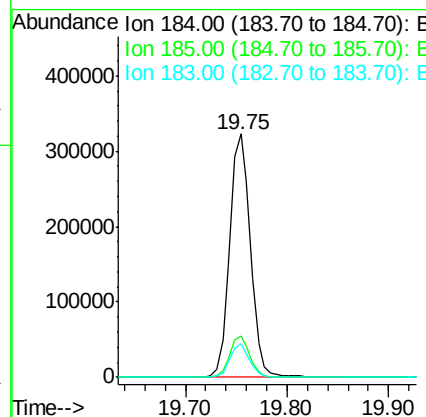
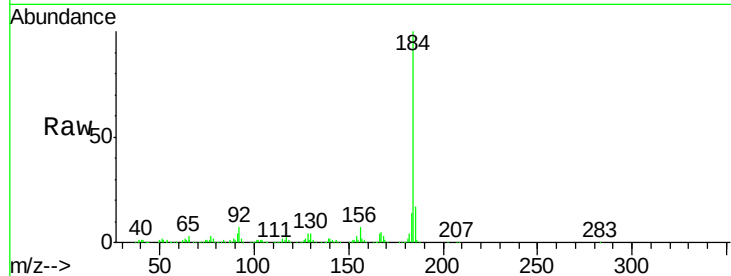
ClientSampleId :

PB117572BS

Tgt Ion:	184	Resp:	458746
Ion Ratio	Lower	Upper	
184	100		
185	17.0	12.2	18.2
183	13.9	10.6	15.8

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#78

Pyrene

Concen: 38.820 ng

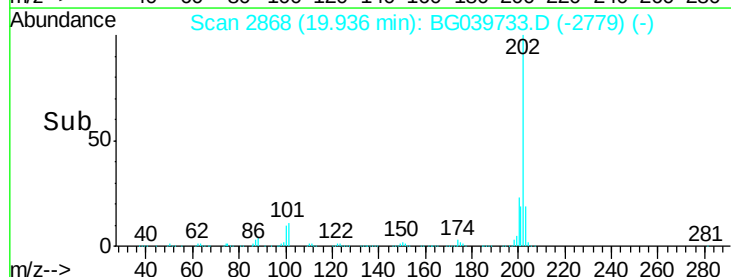
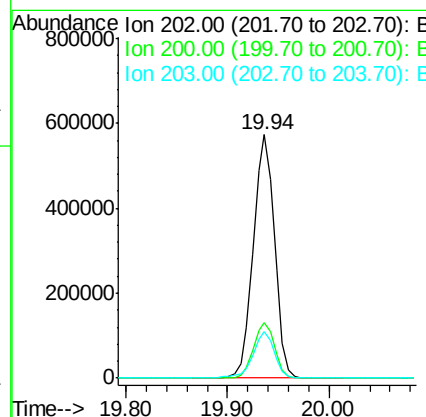
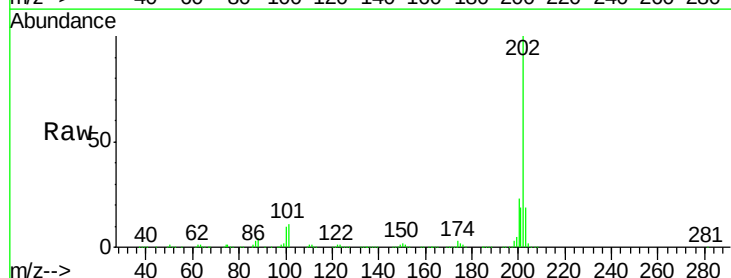
RT: 19.94 min Scan# 2868

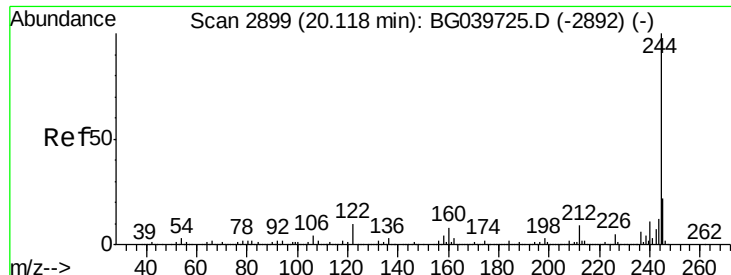
Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Tgt Ion:	202	Resp:	833094
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.8	26.8
203	18.8	15.3	22.9





#79

Terphenyl-d14

Concen: 74.933 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampled :

PB117572BS

Tgt Ion:244 Resp: 1123958

Ion Ratio Lower Upper

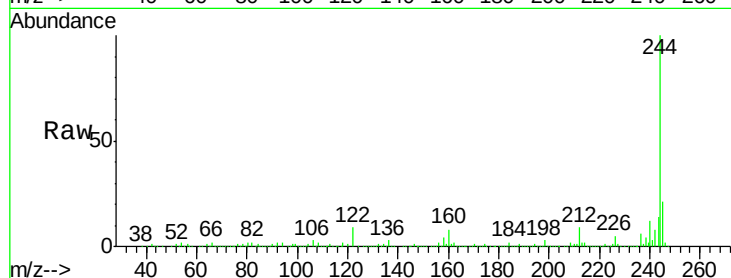
244 100

212 8.8 7.3 10.9

122 9.0 8.4 12.6

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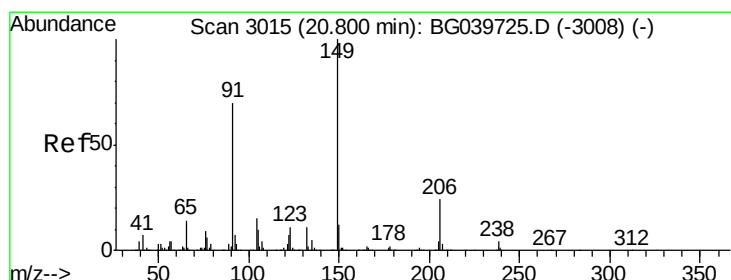
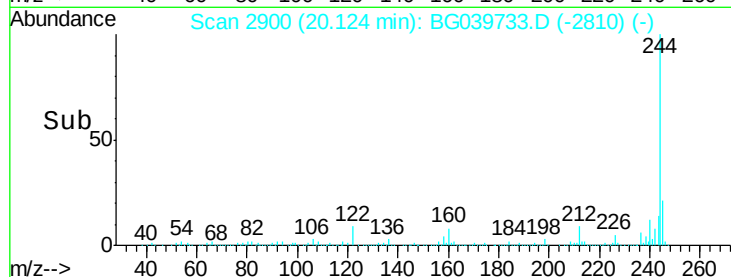
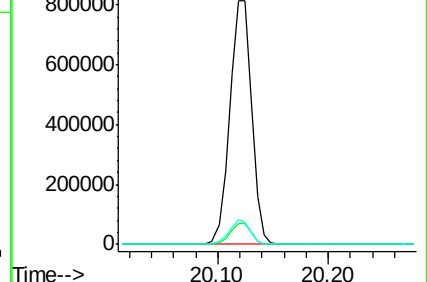
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.995 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

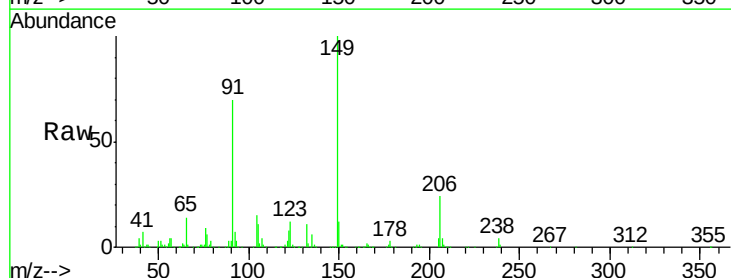
Tgt Ion:149 Resp: 349167

Ion Ratio Lower Upper

149 100

91 70.4 59.5 89.3

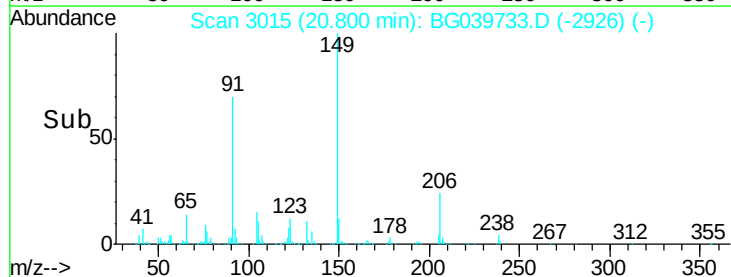
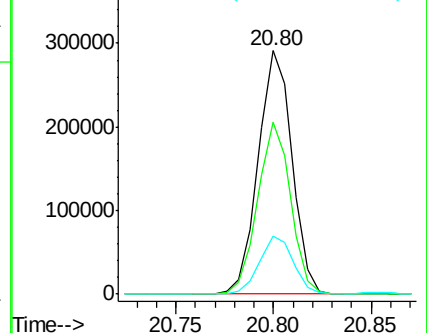
206 23.7 18.6 27.8

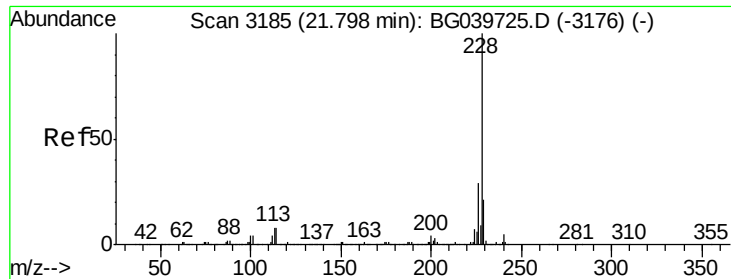


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.399 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

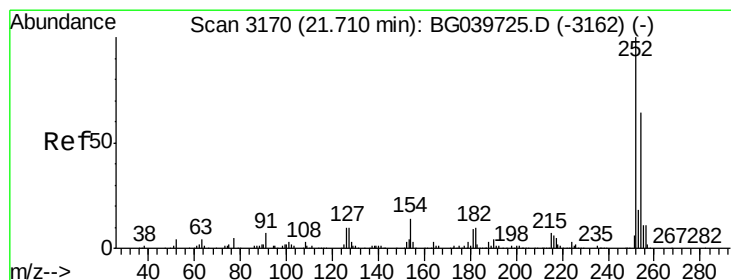
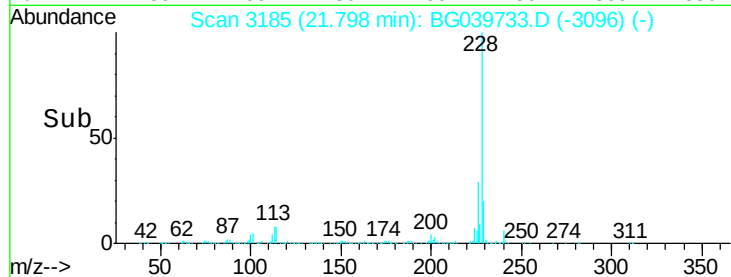
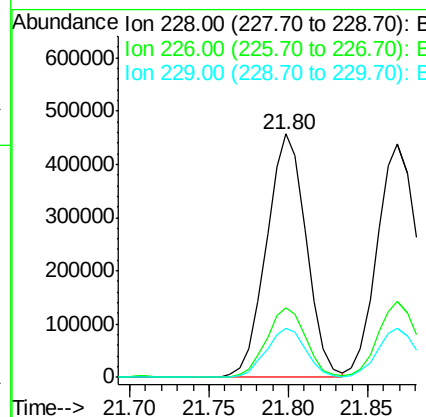
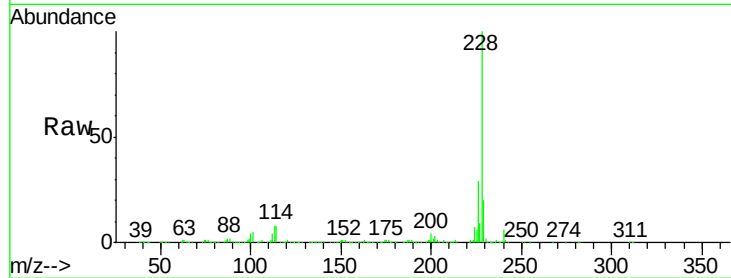
ClientSampleId :

PB117572BS

Tgt Ion:	228	Resp:	794794
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.0	34.6
229	20.0	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 22.829 ng

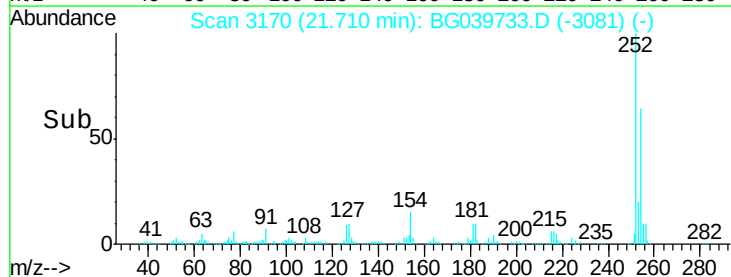
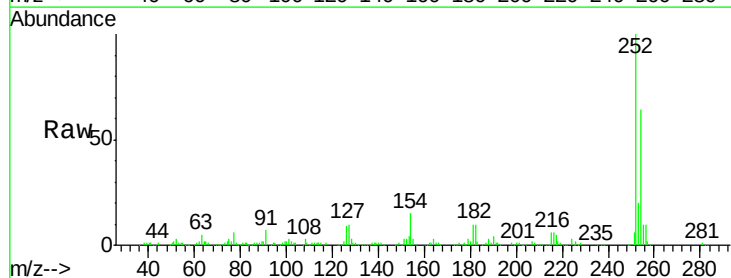
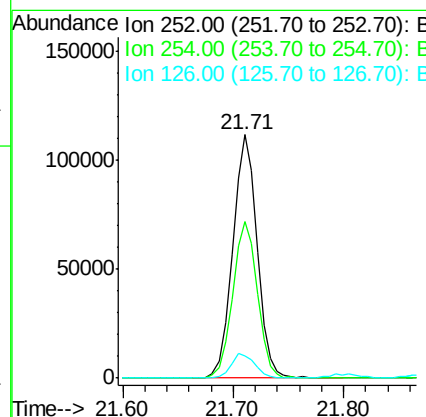
RT: 21.71 min Scan# 3170

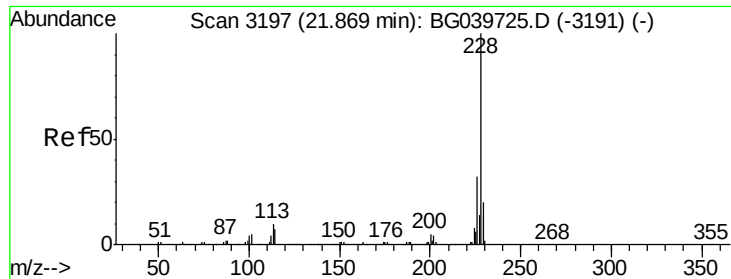
Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Tgt Ion:	252	Resp:	172518
Ion Ratio	Lower	Upper	
252	100		
254	64.2	51.3	76.9
126	9.3	8.0	12.0





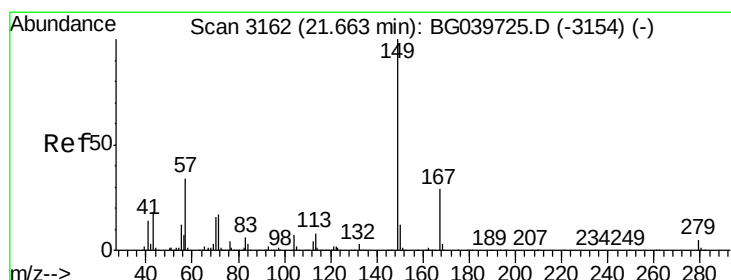
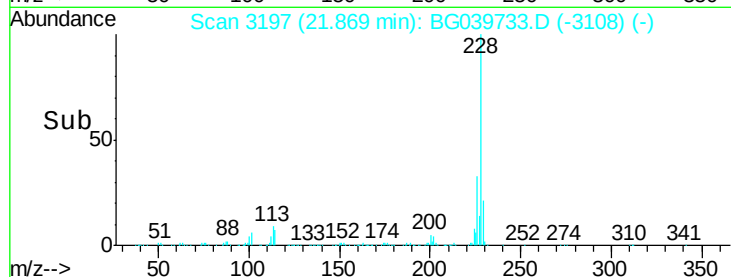
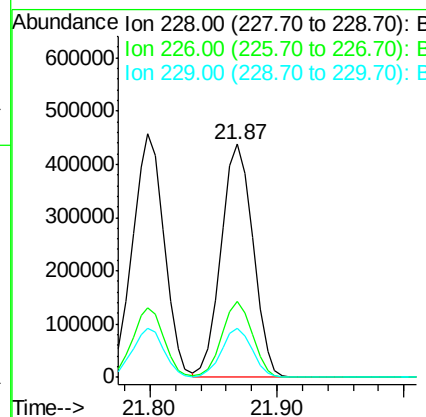
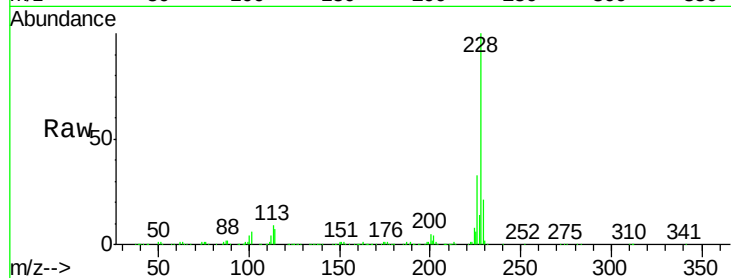
#83
Chrysene
 Concen: 38.154 ng
 RT: 21.87 min Scan# 3197
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	765612		
226	32.5	25.8	38.6	
229	20.8	16.6	25.0	

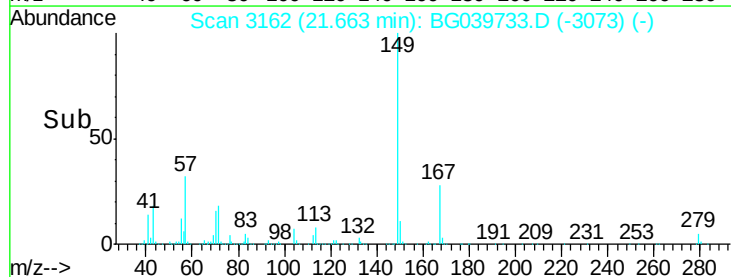
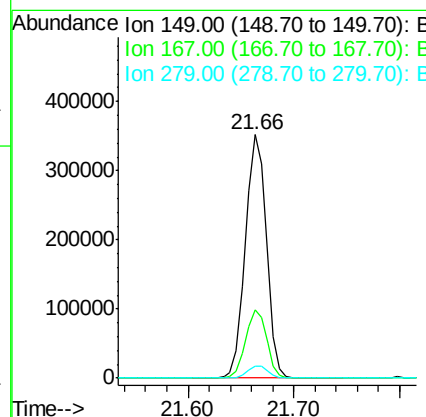
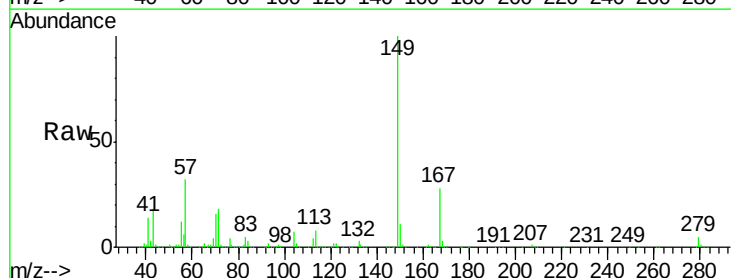
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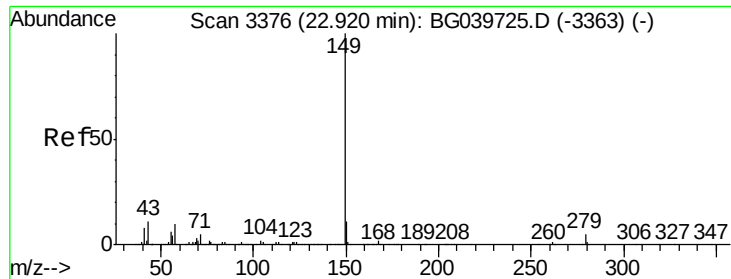
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 41.282 ng
 RT: 21.66 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	482324		
167	28.1	22.6	34.0	
279	4.8	3.5	5.3	





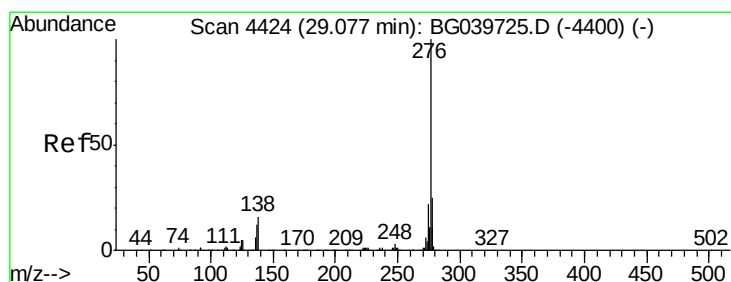
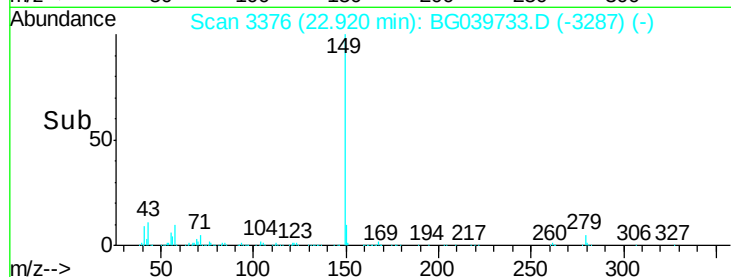
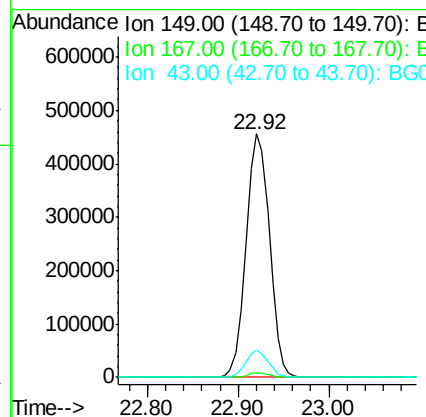
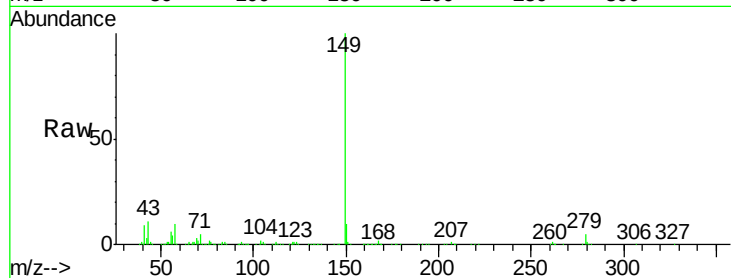
#85
Di-n-octyl phthalate
Concen: 42.215 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.3	1.9
43	10.8	10.2	15.4

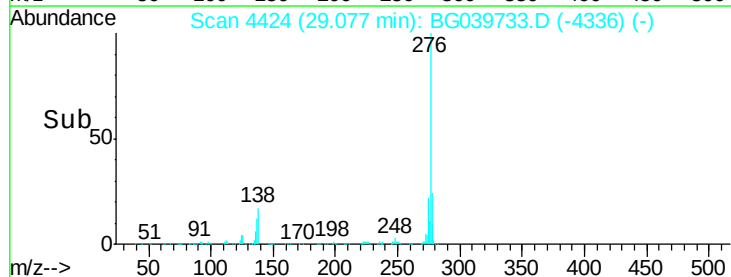
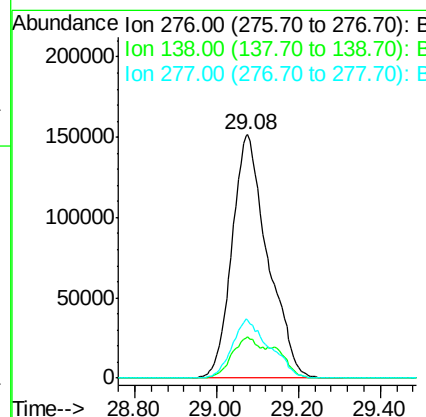
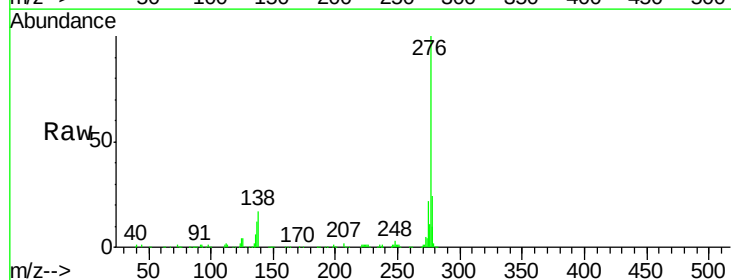
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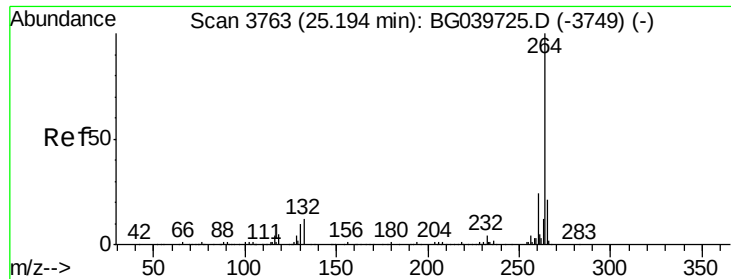
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.188 ng
RT: 29.08 min Scan# 4424
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	13.6	12.6	19.0
277	25.4	20.8	31.2





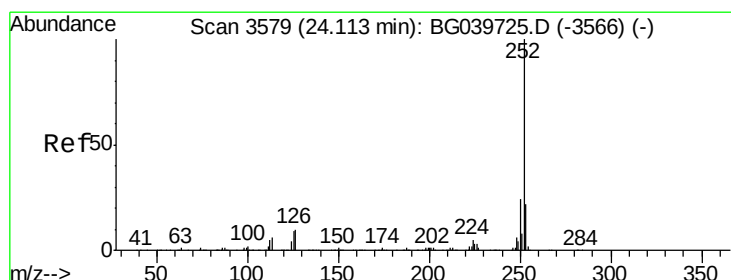
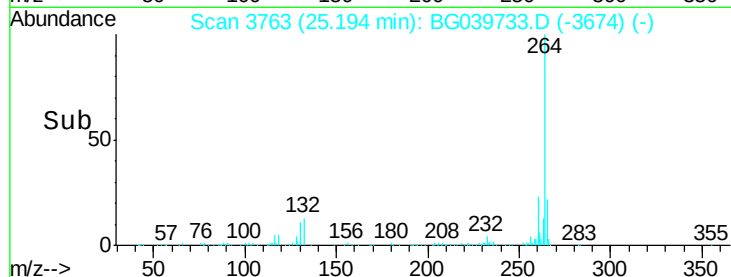
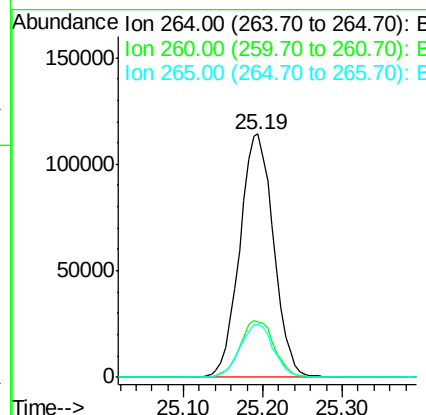
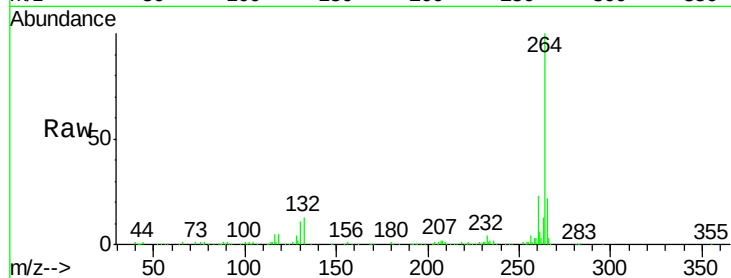
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.8	18.5	27.7

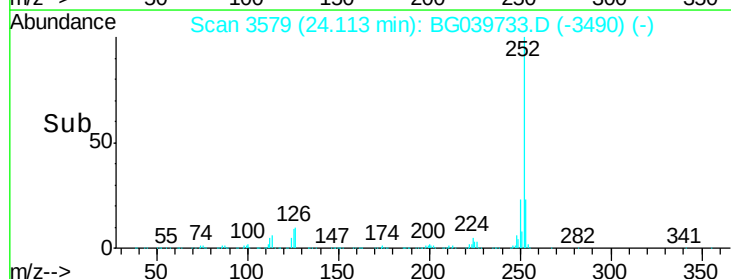
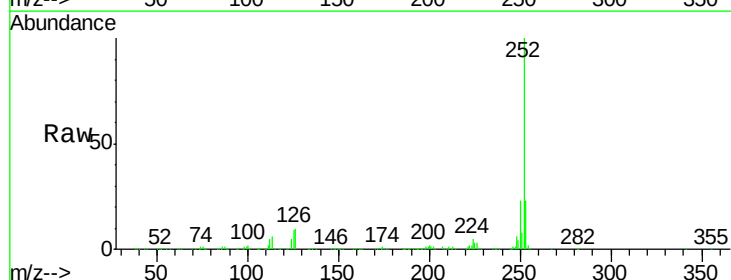
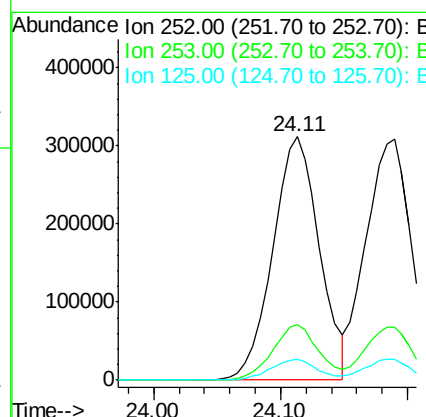
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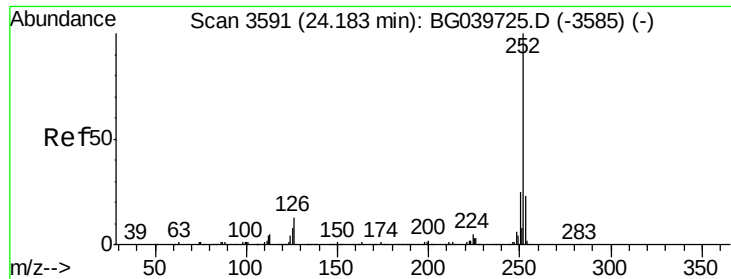
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#88
Benzo(b)fluoranthene
Concen: 39.437 ng
RT: 24.11 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	8.6	7.8	11.6





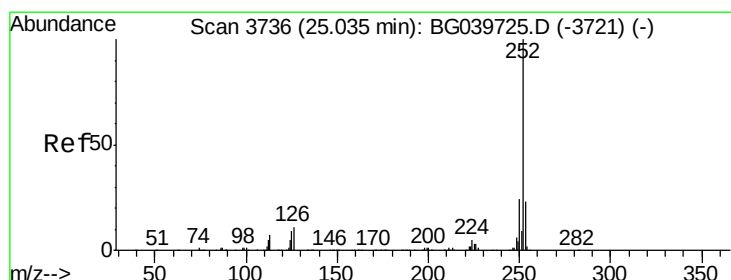
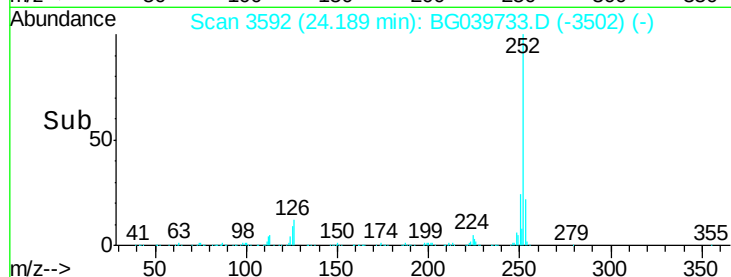
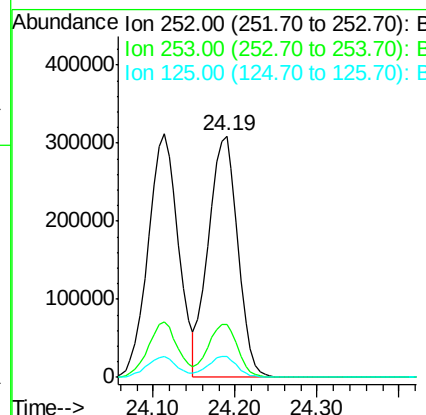
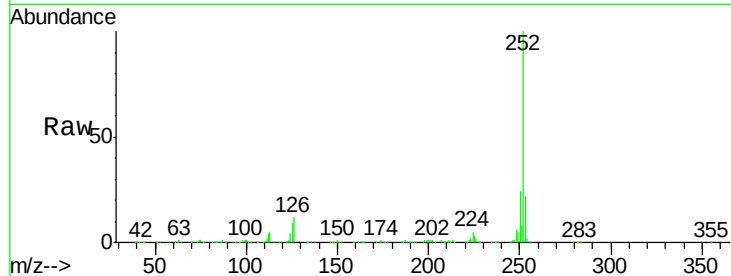
#89
Benzo(k)fluoranthene
Concen: 41.073 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	8.6	7.4	11.2

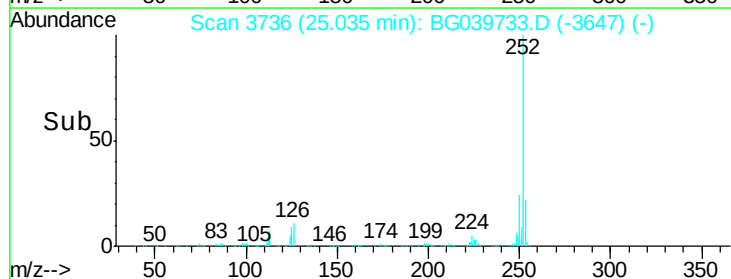
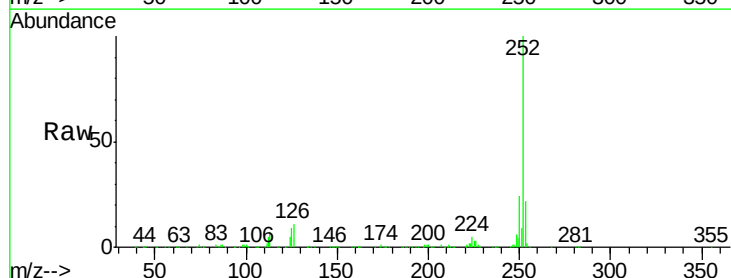
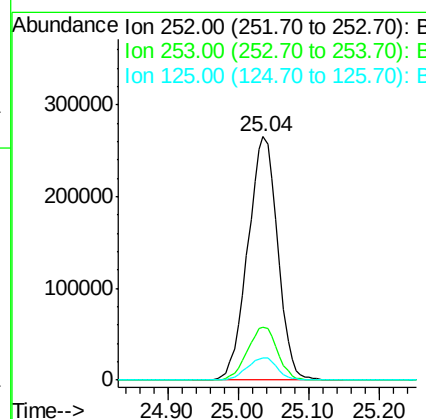
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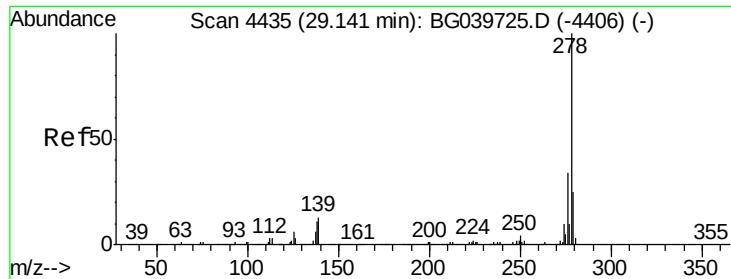
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#90
Benzo(a)pyrene
Concen: 41.914 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.0	8.3	12.5





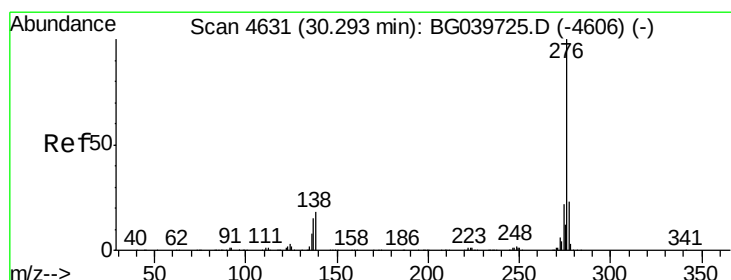
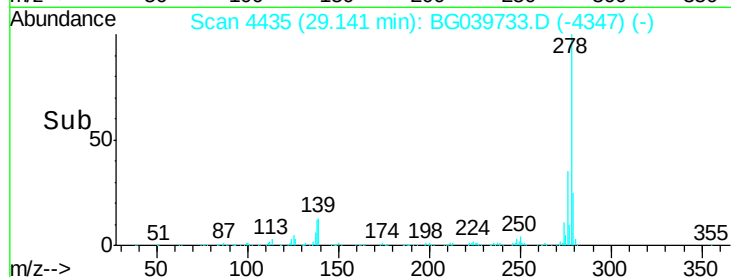
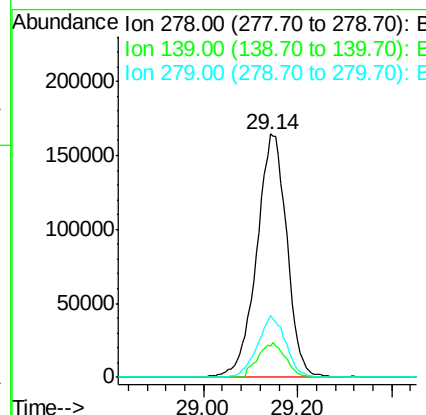
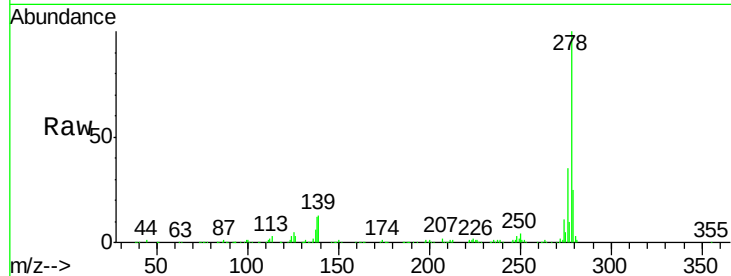
#91
Dibenzo(a,h)anthracene
Concen: 40.237 ng
RT: 29.14 min Scan# 4435
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.7	17.5
279	25.3	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 40.876 ng
RT: 30.30 min Scan# 4633
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	17.6	14.7	22.1

