

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039837.D
 Acq On : 11 Mar 2019 11:58
 Operator : JU/SJ
 Sample : PB117735BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117735BS

Manual Integrations
 APPROVED

Sohil
 3/12/2019 4:42:17 PM

Quant Time: Mar 11 13:12:07 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	8.15	152	37407	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	171123	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	120553	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	309639	20.00	ng	-0.01
76) Chrysene-d12	21.82	240	318387	20.00	ng	-0.01
87) Perylene-d12	25.19	264	293443	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	321619	146.68	ng	-0.01
7) Phenol-d6	7.30	99	457543	139.95	ng	-0.01
23) Nitrobenzene-d5	9.33	82	248390	78.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	192496	136.99	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	633382	74.81	ng	-0.01
79) Terphenyl-d14	20.12	244	1126752	77.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	35201	34.774	ng	99
3) Pyridine	3.99	79	90924	33.550	ng	95
4) n-Nitrosodimethylamine	3.91	42	49803	38.738	ng	87
6) Aniline	7.48	93	127544	29.777	ng	99
8) 2-Chlorophenol	7.71	128	118127	44.407	ng	97
9) Benzaldehyde	7.30	77	50343	23.871	ng	94
10) Phenol	7.33	94	160153	45.218	ng	99
11) bis(2-Chloroethyl)ether	7.57	93	110940	40.175	ng	95
12) 1,3-Dichlorobenzene	8.04	146	117743	39.137	ng	96
13) 1,4-Dichlorobenzene	8.19	146	118474	38.661	ng	98
14) 1,2-Dichlorobenzene	8.51	146	116023	39.186	ng	98
15) Benzyl Alcohol	8.39	79	111797	43.108	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	216219	39.149	ng	100
17) 2-Methylphenol	8.59	107	106602	47.203	ng	97
18) Hexachloroethane	9.24	117	41109	37.386	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	92551	39.329	ng	94
20) 3+4-Methylphenols	8.91	107	143649	45.786	ng	97
22) Acetophenone	8.98	105	175561	38.225	ng	# 95
24) Nitrobenzene	9.38	77	139311	41.970	ng	97
25) Isophorone	9.89	82	265121	39.990	ng	98
26) 2-Nitrophenol	10.09	139	64915	40.506	ng	# 95
27) 2,4-Dimethylphenol	10.13	122	124872	50.099	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	161318	40.041	ng	98
29) 2,4-Dichlorophenol	10.62	162	131205	46.754	ng	99
30) 1,2,4-Trichlorobenzene	10.83	180	128480	40.686	ng	98
31) Naphthalene	11.03	128	372377	41.100	ng	100
32) Benzoic acid	10.26	122	62866	38.283	ng	97
33) 4-Chloroaniline	11.14	127	97052	25.261	ng	96
34) Hexachlorobutadiene	11.29	225	83962	38.910	ng	97
35) Caprolactam	11.92	113	45826m	42.749	ng	
36) 4-Chloro-3-methylphenol	12.24	107	145954	45.371	ng	99
37) 2-Methylnaphthalene	12.62	142	282617	41.723	ng	99
38) 1-Methylnaphthalene	12.84	142	272842	41.448	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	159044	38.943	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	190117	86.865	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	111544	46.651	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	121112	44.938	ng	97
46) 1,1'-Biphenyl	13.62	154	393300	39.666	ng	100
47) 2-Chloronaphthalene	13.66	162	305101	40.903	ng	98
48) 2-Nitroaniline	13.88	65	106010	44.223	ng	92
49) Acenaphthylene	14.51	152	497158	40.601	ng	99
50) Dimethylphthalate	14.23	163	414066	41.076	ng	99
51) 2,6-Dinitrotoluene	14.36	165	92488	43.279	ng	96
52) Acenaphthene	14.84	154	298774	40.539	ng	98
53) 3-Nitroaniline	14.69	138	65932	30.692	ng	# 94
54) 2,4-Dinitrophenol	14.90	184	92025	69.054	ng	94
55) Dibenzofuran	15.18	168	502109	41.524	ng	100
56) 4-Nitrophenol	14.99	139	161390	83.984	ng	93
57) 2,4-Dinitrotoluene	15.14	165	134510	44.795	ng	84
58) Fluorene	15.83	166	393551	41.401	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	120539	45.796	ng	97
60) Diethylphthalate	15.58	149	430695	43.160	ng	97
61) 4-Chlorophenyl-phenylether	15.81	204	208573	41.118	ng	98
62) 4-Nitroaniline	15.86	138	100824	43.293	ng	95
63) Azobenzene	16.10	77	377405	41.722	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	72036	39.347	ng	97
66) n-Nitrosodiphenylamine	16.03	169	372502	41.555	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	136907	39.501	ng	95
68) Hexachlorobenzene	16.82	284	146007	40.641	ng	97
69) Atrazine	16.97	200	150469	42.651	ng	96
70) Pentachlorophenol	17.16	266	180842	79.703	ng	98
71) Phenanthrene	17.57	178	688407	40.363	ng	99
72) Anthracene	17.66	178	692445	41.663	ng	99
73) Carbazole	17.93	167	623301	41.600	ng	98
74) Di-n-butylphthalate	18.46	149	758139	43.006	ng	99
75) Fluoranthene	19.57	202	845891	41.967	ng	99
77) Benzidine	19.75	184	308495	30.534	ng	99
78) Pyrene	19.93	202	843578	40.774	ng	99
80) Butylbenzylphthalate	20.80	149	349205	43.566	ng	95
81) Benzo(a)anthracene	21.79	228	793357	39.759	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	205230	28.171	ng	99
83) Chrysene	21.86	228	760506	39.313	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	485658	43.117	ng	98
85) Di-n-octyl phthalate	22.92	149	824180	44.192	ng	95
86) Indeno(1,2,3-cd)pyrene	29.07	276	881125	40.150	ng	97
88) Benzo(b)fluoranthene	24.10	252	804819	45.993	ng	99
89) Benzo(k)fluoranthene	24.18	252	752423	46.193	ng	99
90) Benzo(a)pyrene	25.03	252	763229	47.201	ng	99
91) Dibenzo(a,h)anthracene	29.13	278	730143	46.060	ng	99
92) Benzo(g,h,i)perylene	30.29	276	731824	45.967	ng	97

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



#1

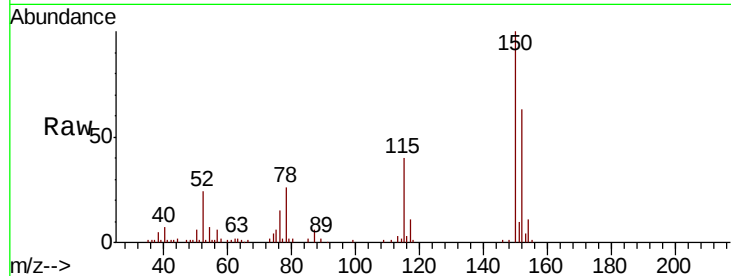
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.7	185.5
115	63.8	45.9	68.9

Manual Integrations
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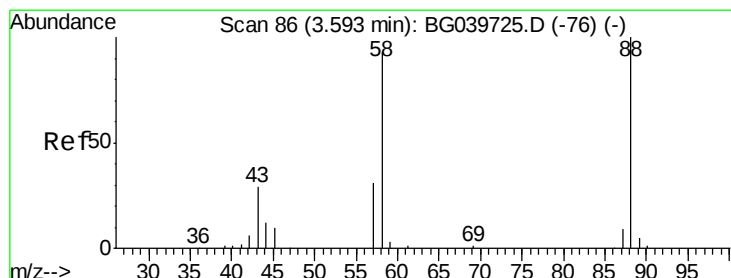
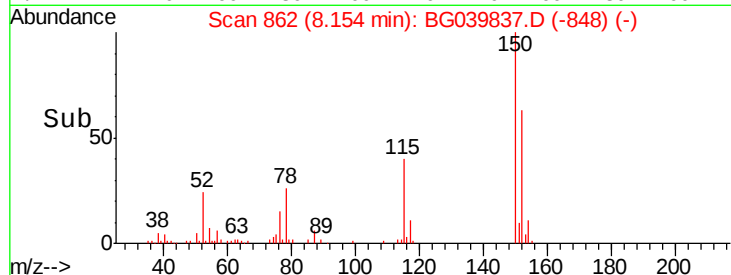
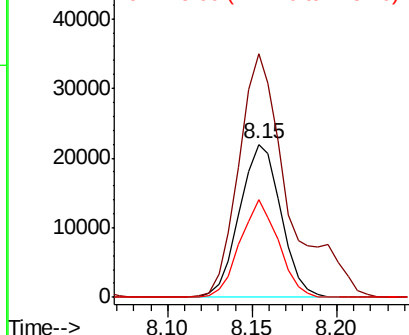


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

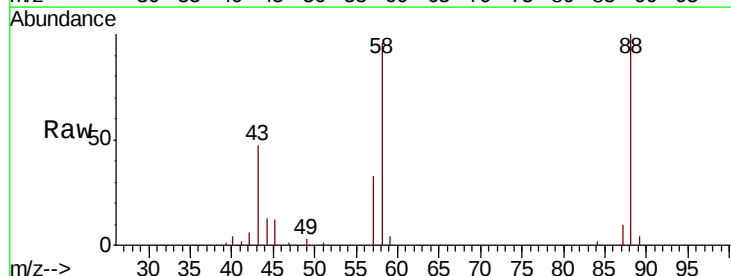
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.774 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.7	81.1	121.7
43	38.3	31.4	47.0

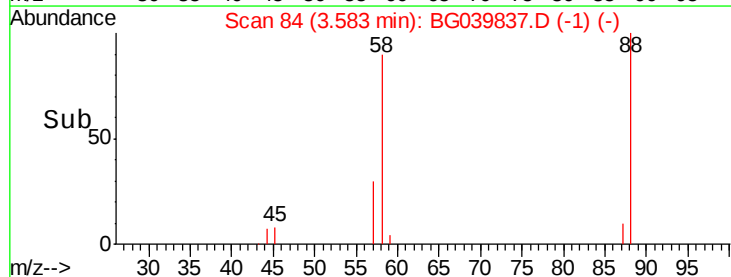
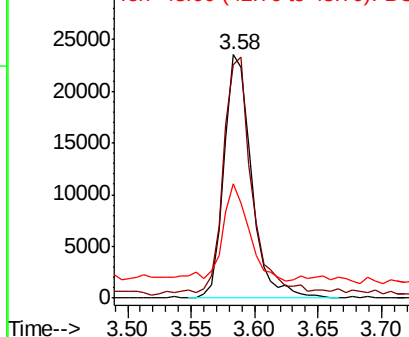


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.550 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

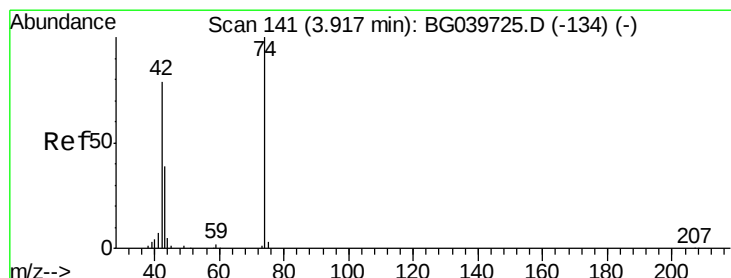
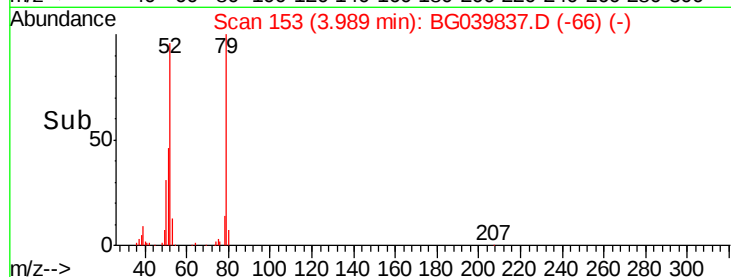
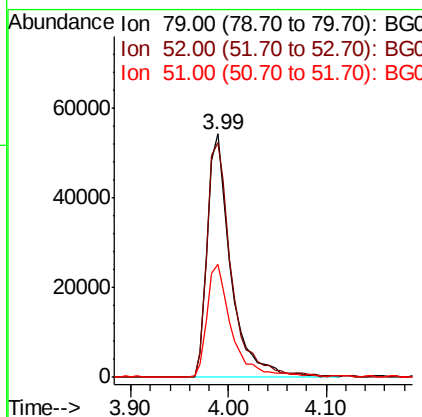
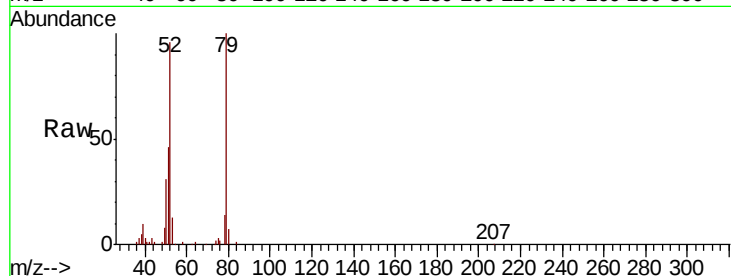
ClientSampleId :

PB117735BS

Tot Ion:	79	Resp:	90924
Ion Ratio	Lower	Upper	
79	100		
52	96.5	82.6	124.0
51	46.4	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 38.738 ng

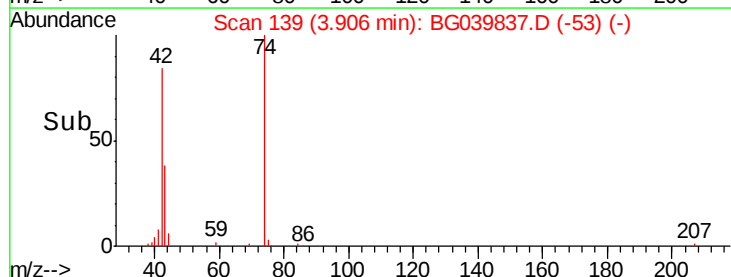
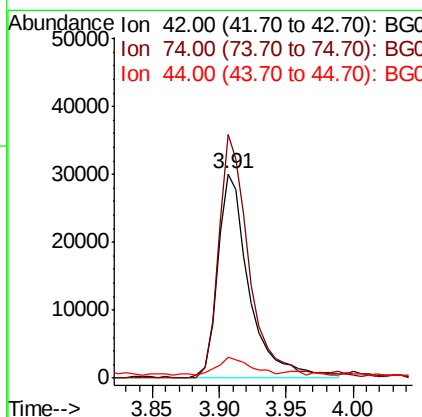
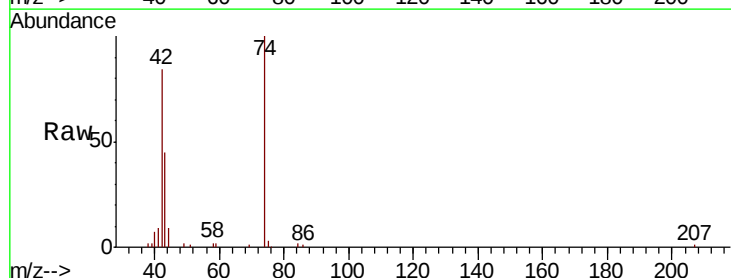
RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Tgt Ion:	42	Resp:	49803
Ion Ratio	Lower	Upper	
42	100		
74	119.0	83.6	125.4
44	10.2	6.9	10.3





#5

2-Fluorophenol

Concen: 146.680 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

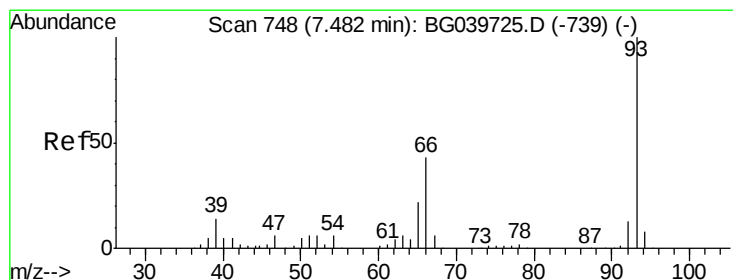
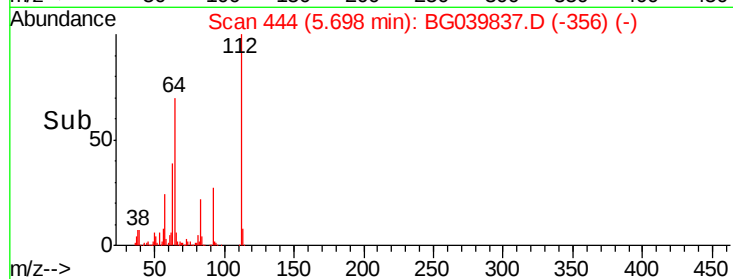
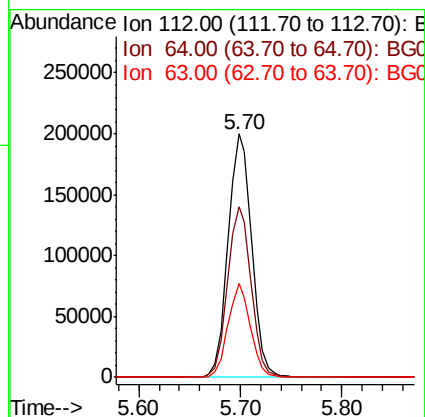
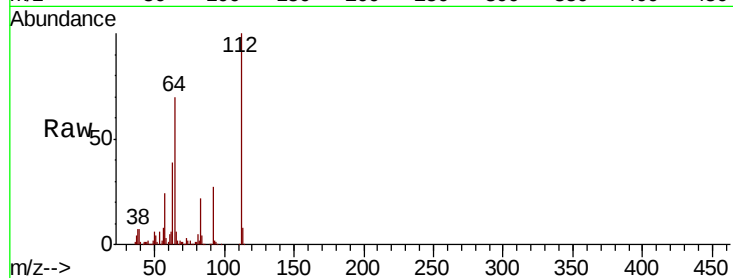
ClientSampleId :

PB117735BS

Tot Ion:	112	Resp:	321619
Ion Ratio	Lower	Upper	
112	100		
64	70.3	57.8	86.8
63	38.6	29.8	44.6

Manual Integrations
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#6

Aniline

Concen: 29.777 ng

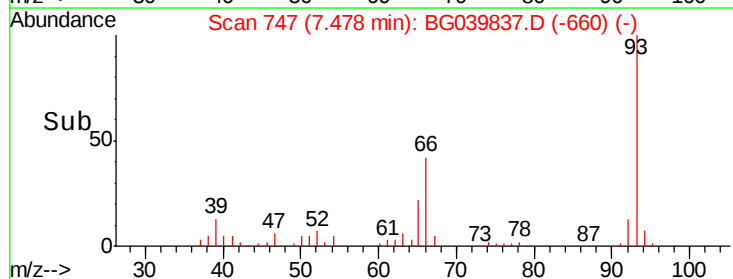
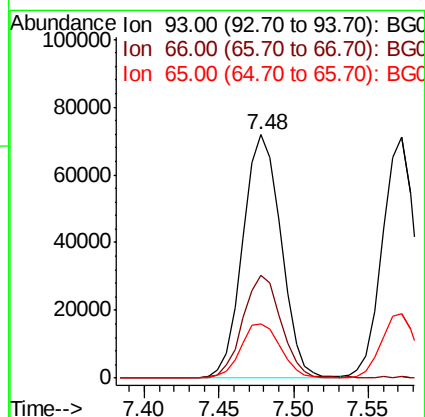
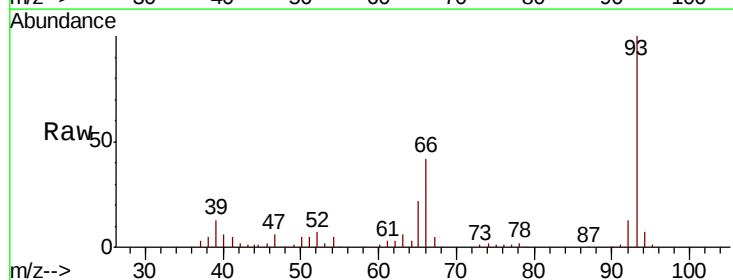
RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Tgt Ion:	93	Resp:	127544
Ion Ratio	Lower	Upper	
93	100		
66	42.2	34.2	51.4
65	22.5	17.7	26.5





#7

Phenol-d6

Concen: 139.948 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

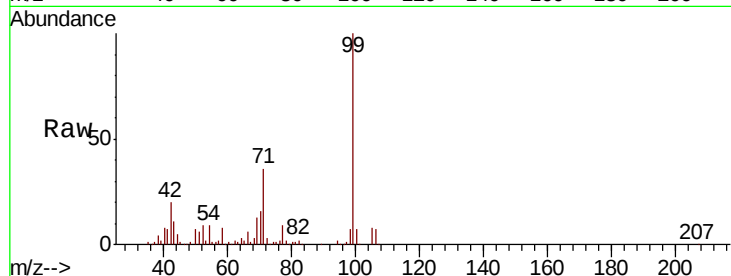
ClientSampleId :

PB117735BS

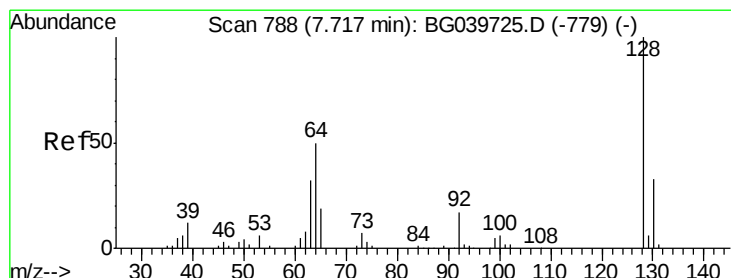
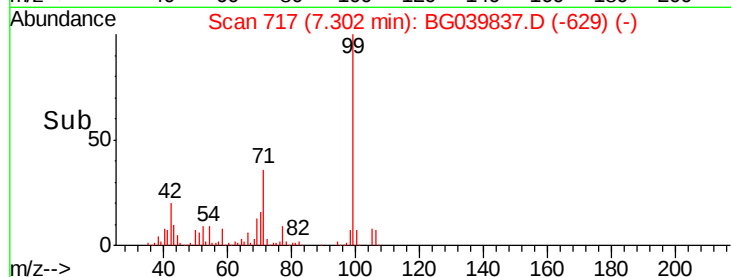
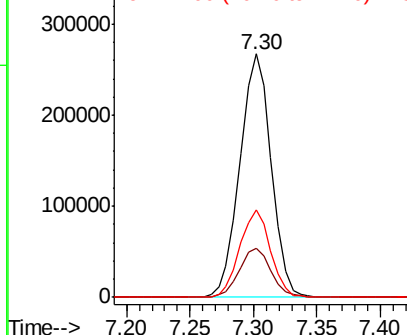
Tot Ion:	99	Resp:	457543
Ion Ratio	Lower	Upper	
99	100		
42	20.0	18.2	27.2
71	36.2	28.0	42.0

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.407 ng

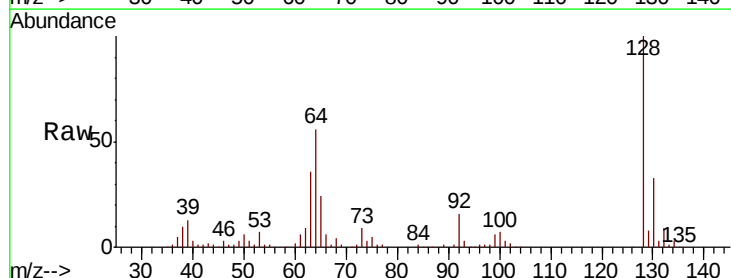
RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

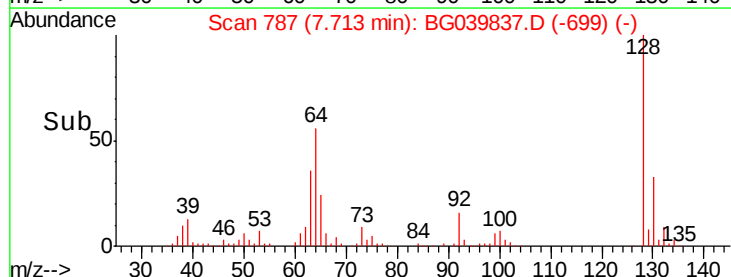
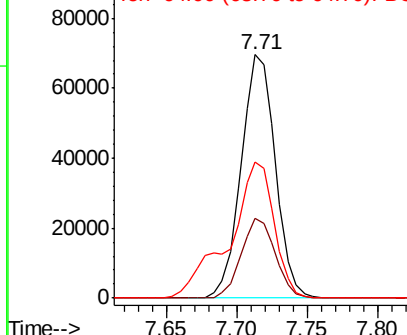
Lab File: BG039837.D

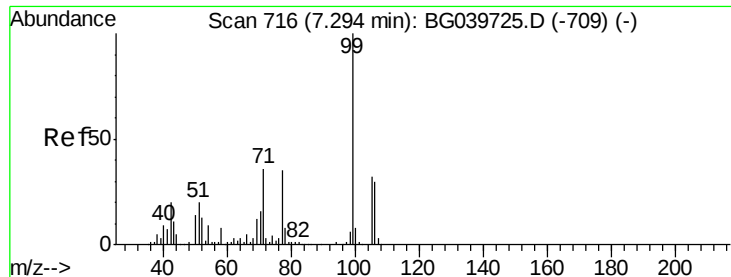
Acq: 11 Mar 2019 11:58

Tgt Ion:	128	Resp:	118127
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	55.7	38.7	78.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 23.871 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

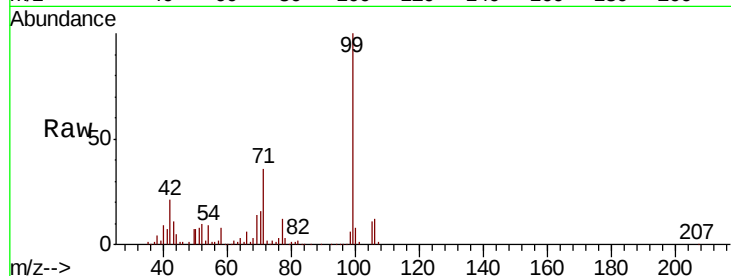
ClientSampleId :

PB117735BS

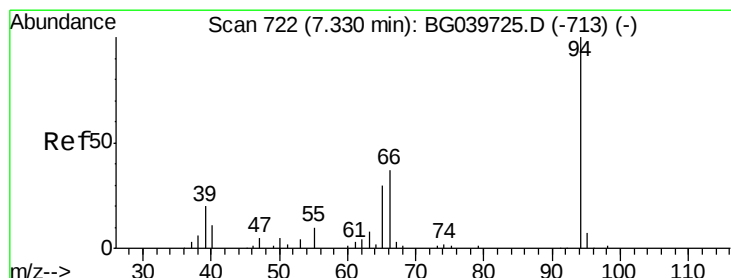
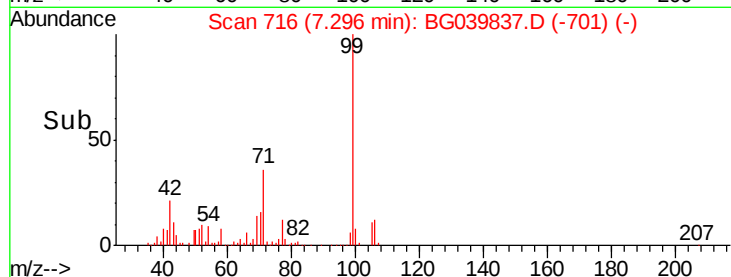
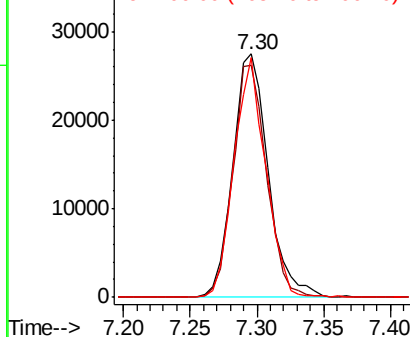
Tot Ion	Ratio	Lower	Upper
77	100		
105	95.2	74.5	114.5
106	98.6	68.0	108.0

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



#10

Phenol

Concen: 45.218 ng

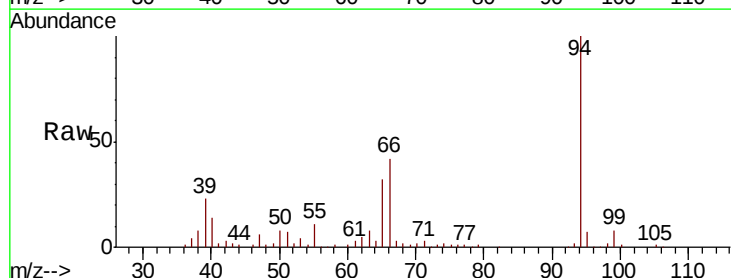
RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

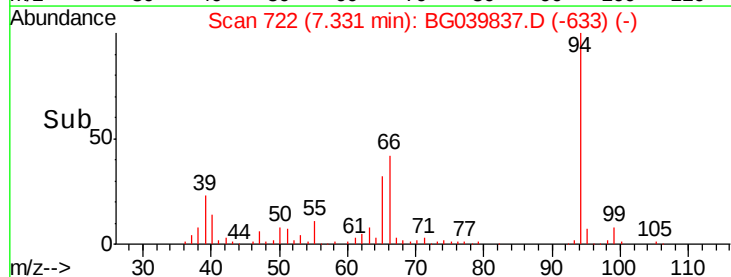
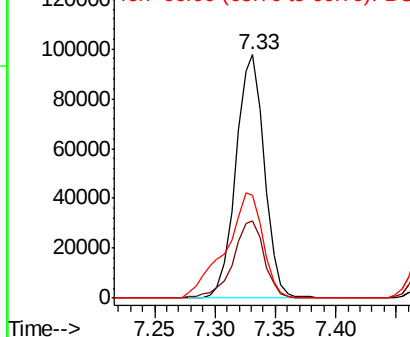
Lab File: BG039837.D

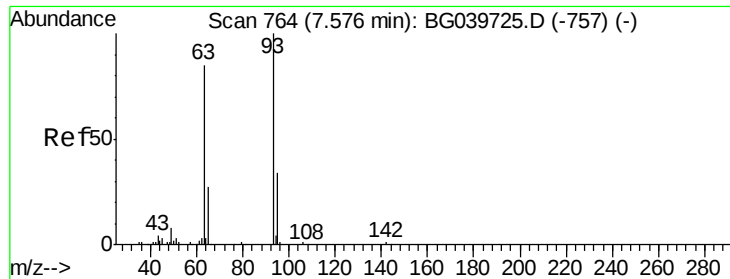
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.8	11.7	51.7
66	42.3	23.7	63.7



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





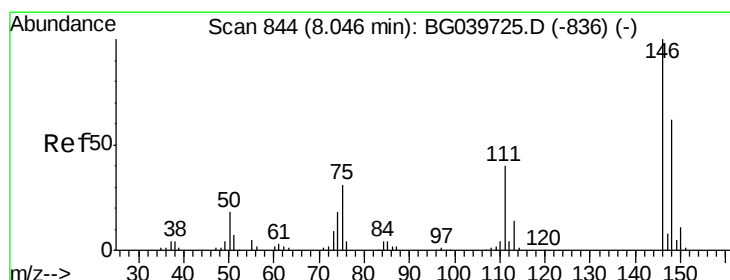
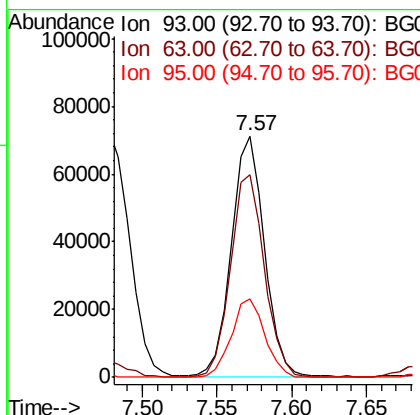
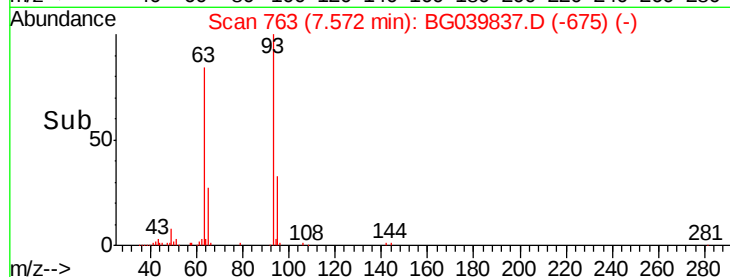
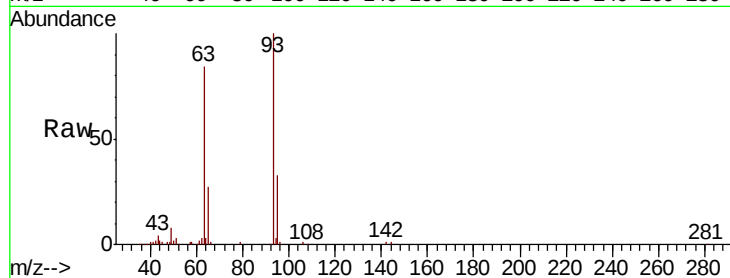
#11
bis(2-Chloroethyl)ether
Concen: 40.175 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion:	93	Resp:	110940
Ion	Ratio	Lower	Upper
93	100		
63	83.7	69.5	109.5
95	32.5	12.7	52.7

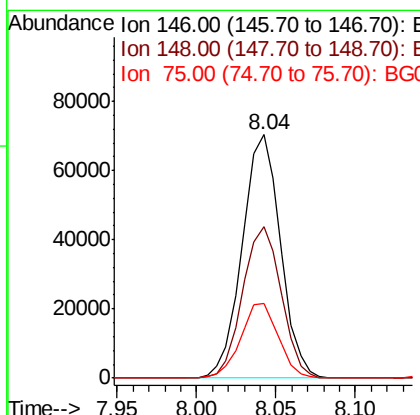
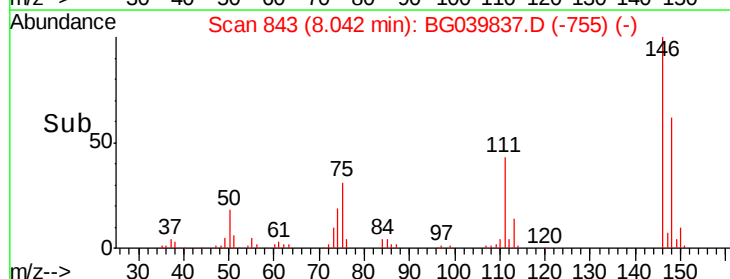
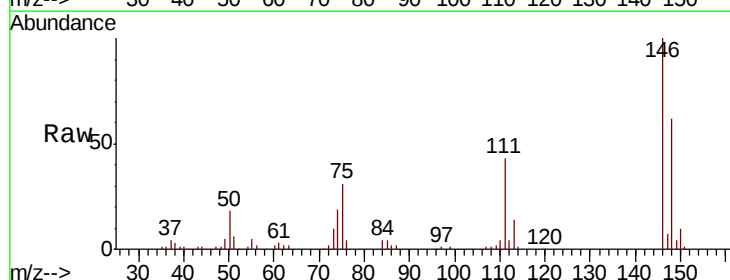
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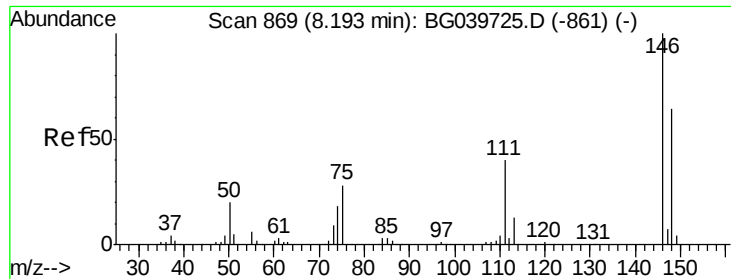
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#12
1,3-Dichlorobenzene
Concen: 39.137 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion:	146	Resp:	117743
Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.6	79.0
75	30.9	25.8	38.6





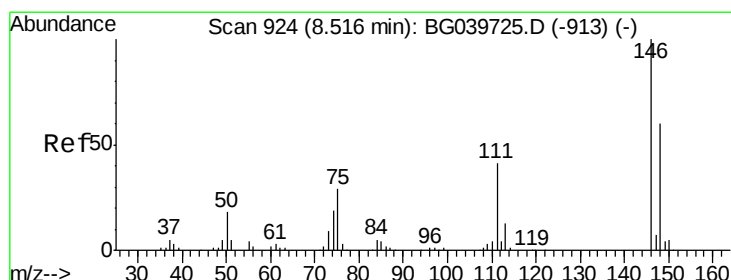
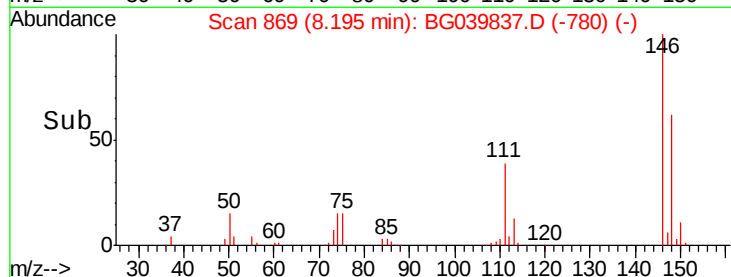
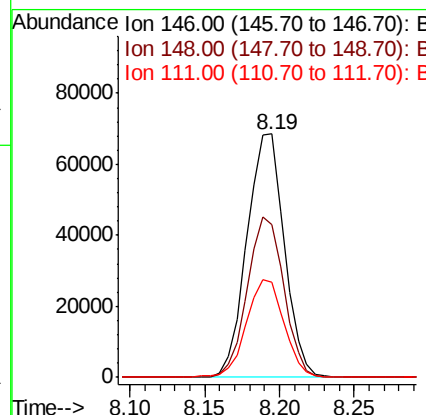
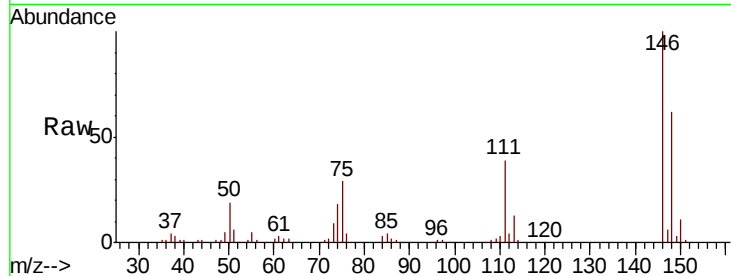
#13
 1,4-Dichlorobenzene
 Concen: 38.661 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :
 PB117735BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.1	76.7
111	39.3	32.6	48.8

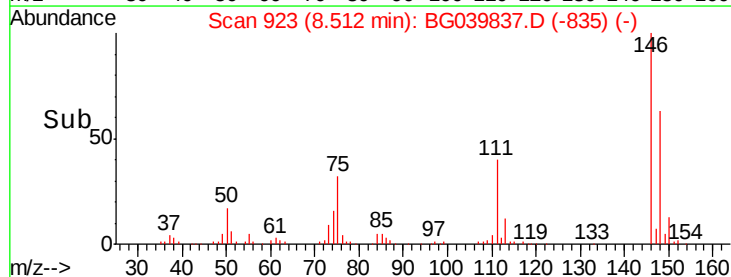
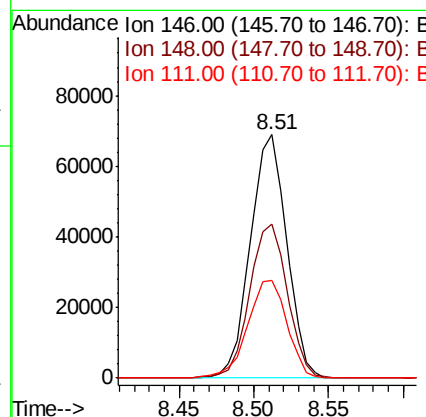
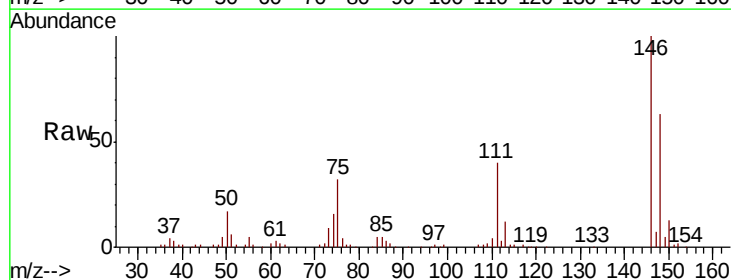
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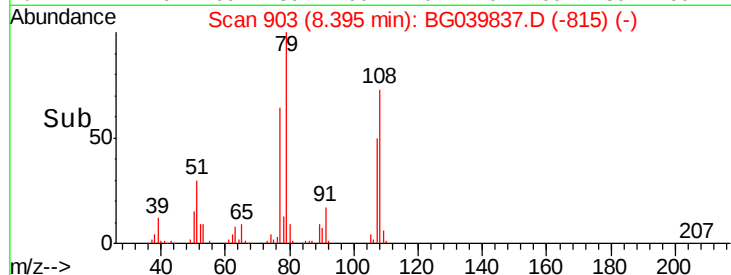
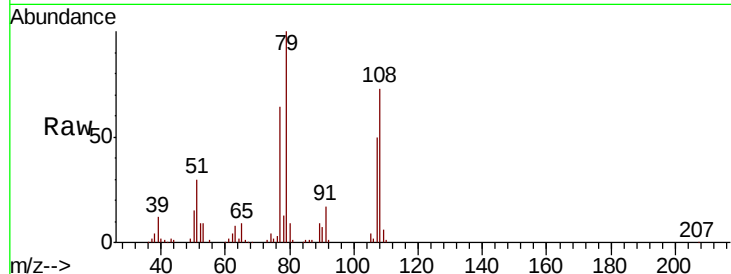
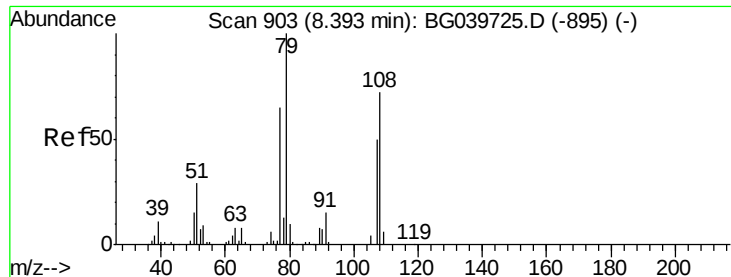
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#14
 1,2-Dichlorobenzene
 Concen: 39.186 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.5	77.3
111	40.1	33.8	50.6





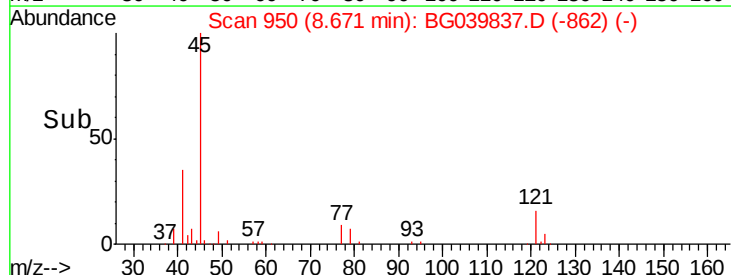
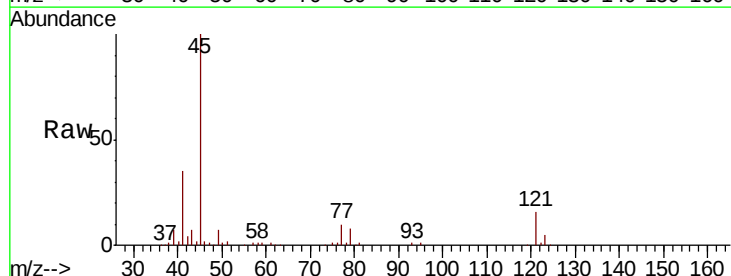
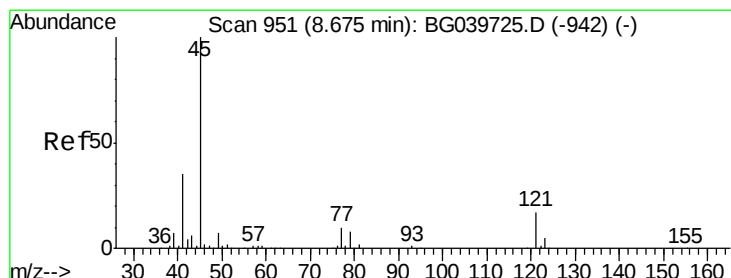
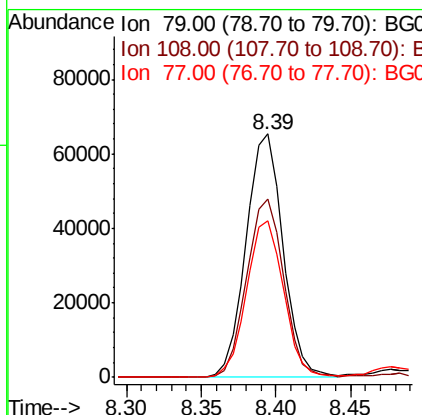
#15
Benzyl Alcohol
Concen: 43.108 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.4	57.8	86.6
77	64.3	51.1	76.7

Instrument :
BNA_G
ClientSampleId :
PB117735BS

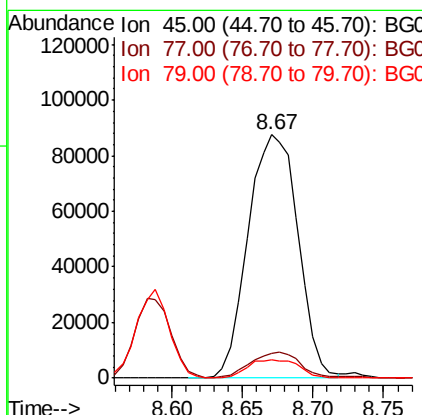
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.149 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.0	0.0	30.0
79	7.7	0.0	27.5





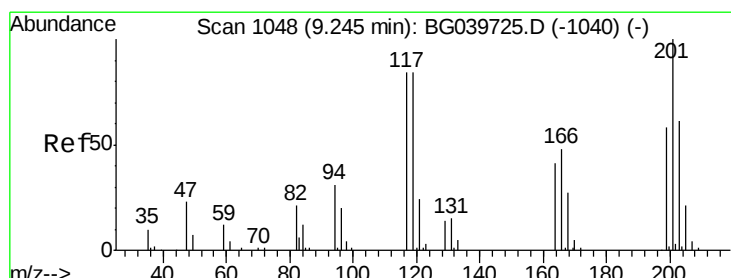
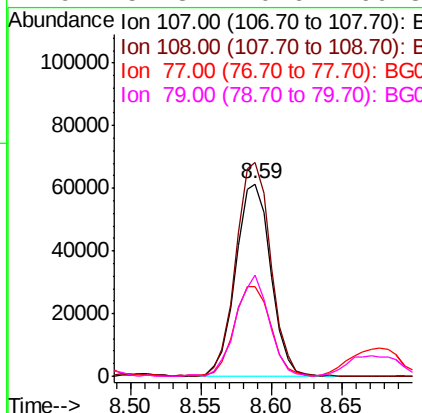
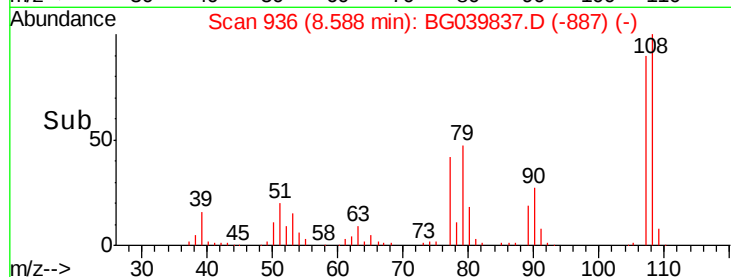
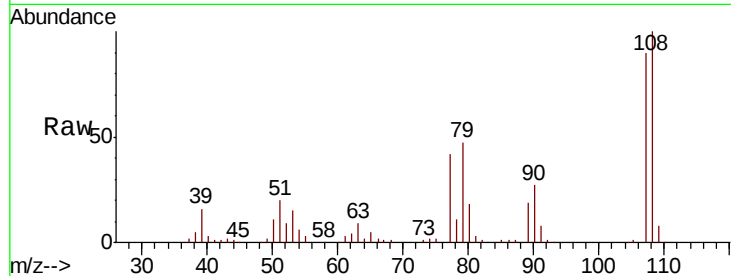
#17
2-Methylphenol
Concen: 47.203 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampled :
PB117735BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	90.8	136.2	
77	46.3	40.7	61.1	
79	52.3	40.6	60.8	

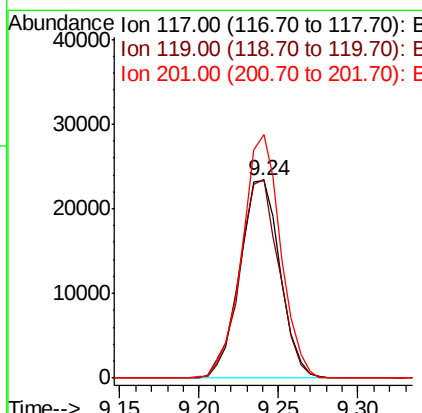
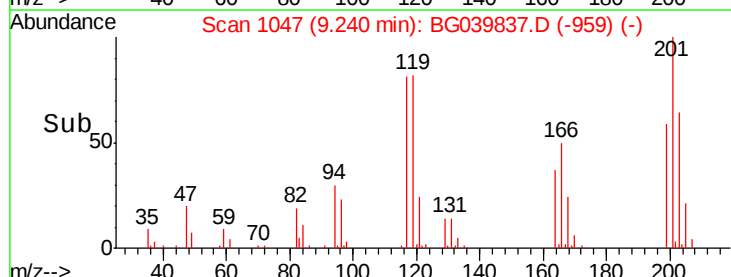
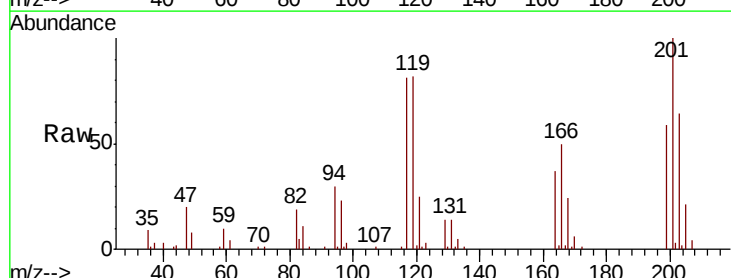
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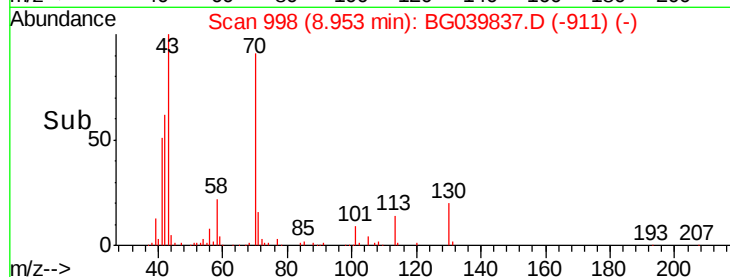
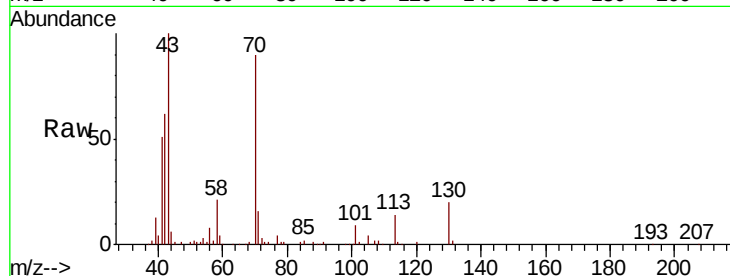
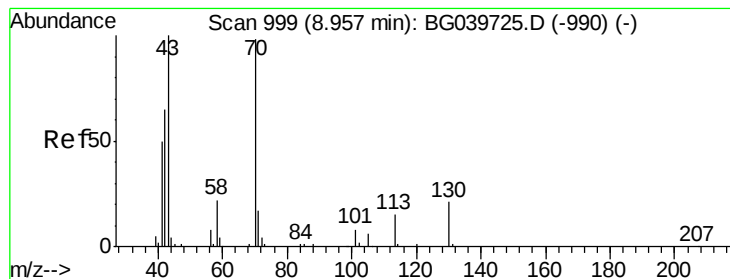
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#18
Hexachloroethane
Concen: 37.386 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.1	76.3	114.5	
201	123.5	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 39.329 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

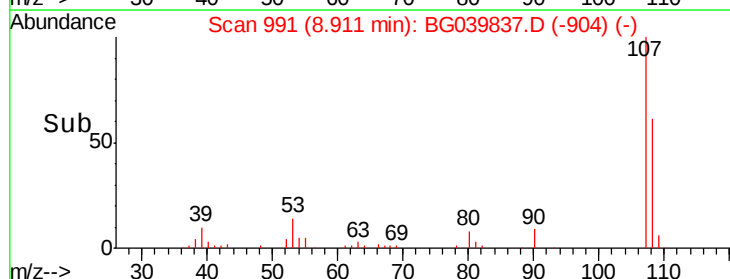
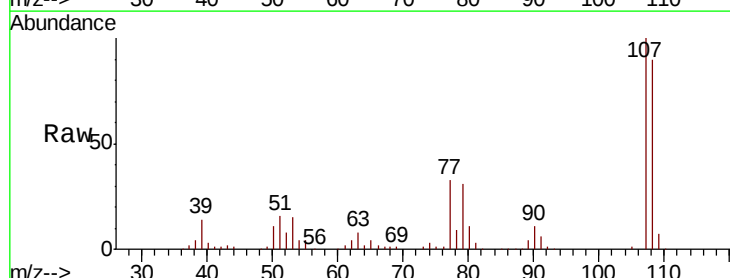
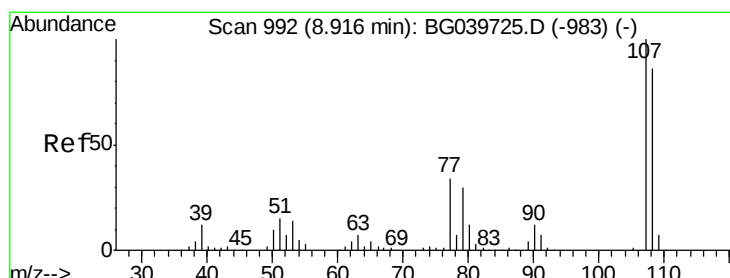
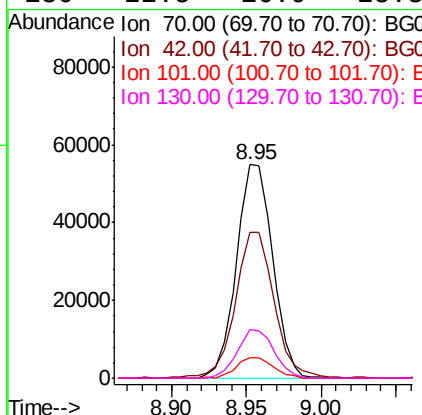
ClientSampleId :

PB117735BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.6	60.4	90.6
101	9.5	7.5	11.3
130	22.5	16.9	25.3

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#20

3+4-Methylphenols

Concen: 45.786 ng

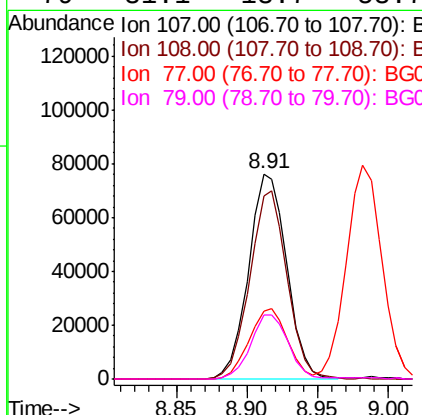
RT: 8.91 min Scan# 991

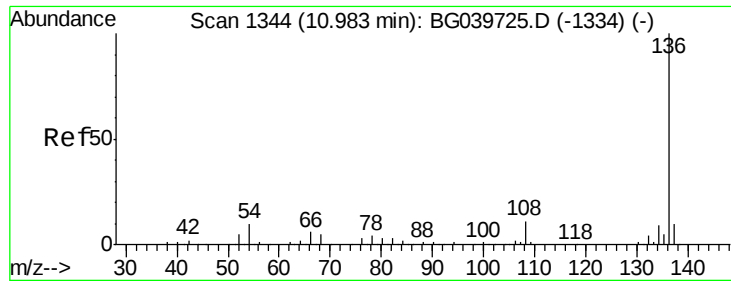
Delta R.T. -0.02 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.9	107.9
77	32.9	15.4	55.4
79	31.1	13.7	53.7





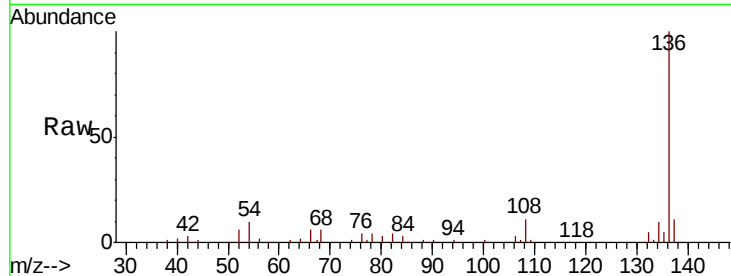
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampled :
PB117735BS

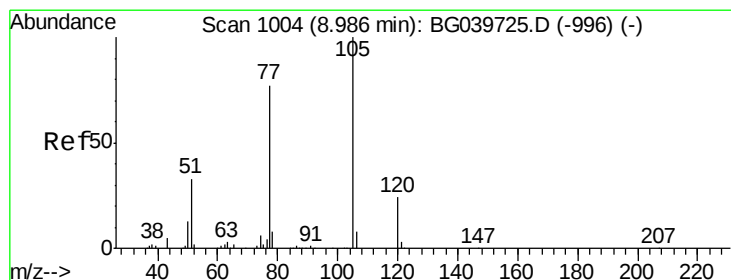
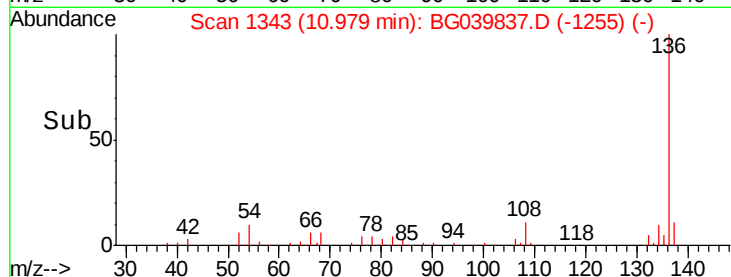
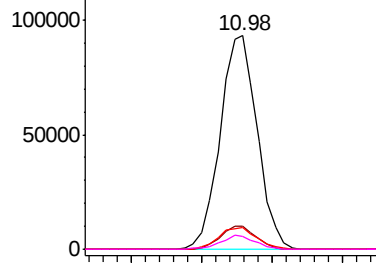
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.1	13.7	
54	10.5	9.4	14.2	
68	5.8	4.2	6.4	

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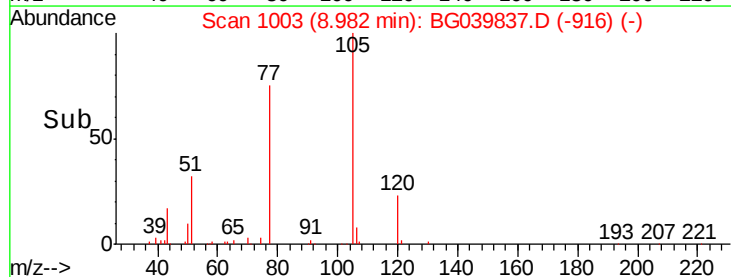
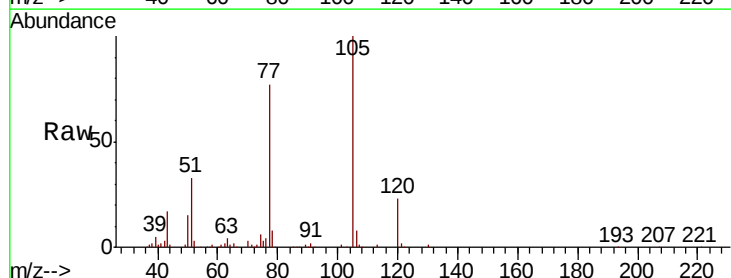
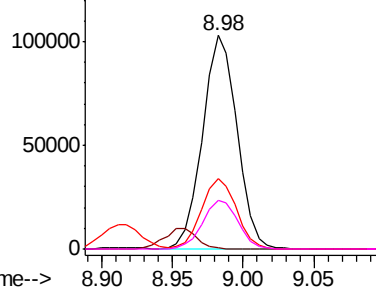
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

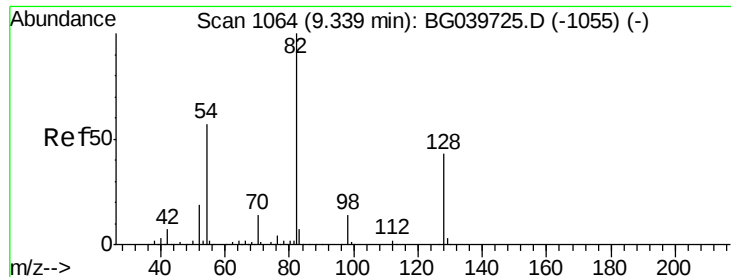


#22
Acetophenone
Concen: 38.225 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.8	1.2#	
51	32.8	30.2	45.2	
120	23.0	18.0	27.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





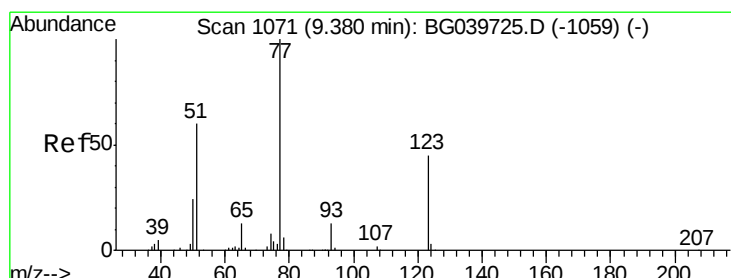
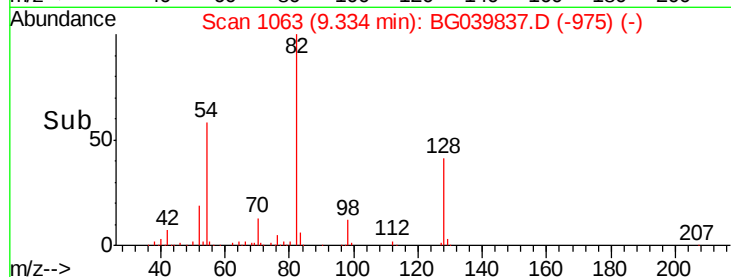
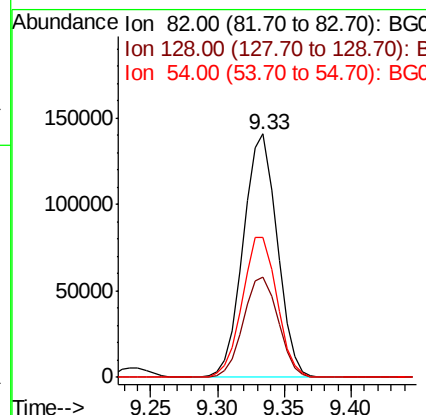
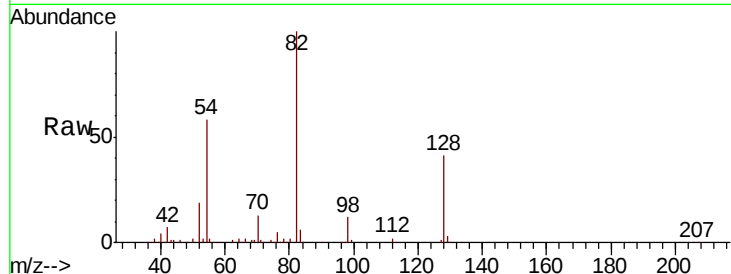
#23
 Nitrobenzene-d5
 Concen: 78.505 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :
 PB117735BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	248390		
128	41.3	31.3	46.9	
54	57.6	50.9	76.3	

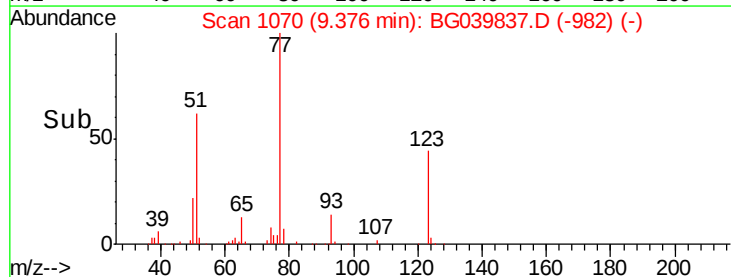
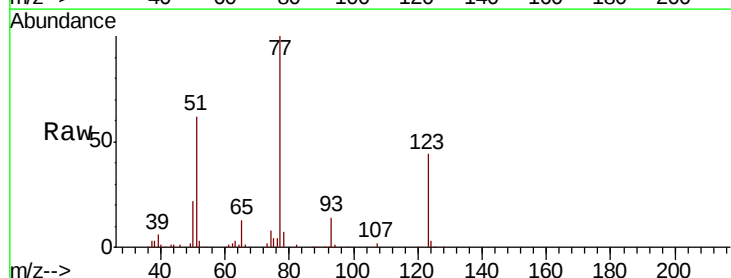
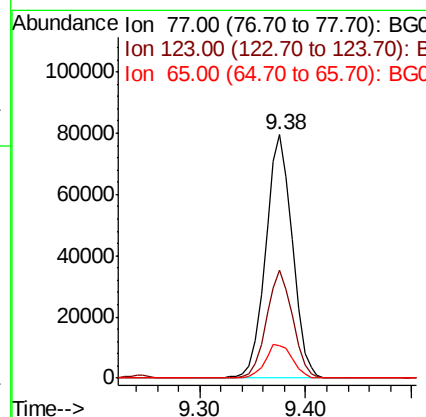
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#24
 Nitrobenzene
 Concen: 41.970 ng
 RT: 9.38 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	139311		
123	44.3	34.1	51.1	
65	13.2	12.3	18.5	





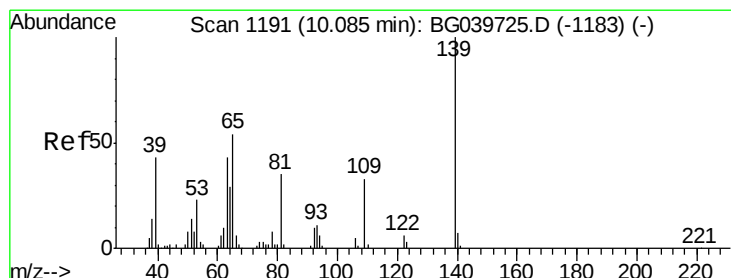
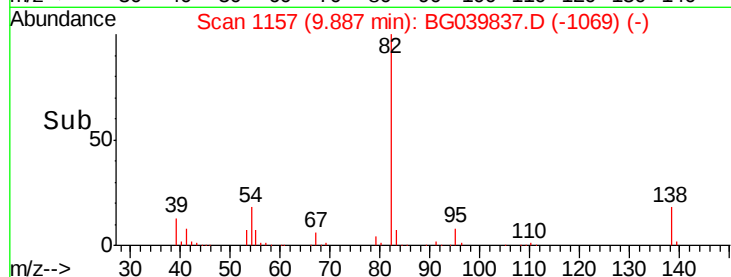
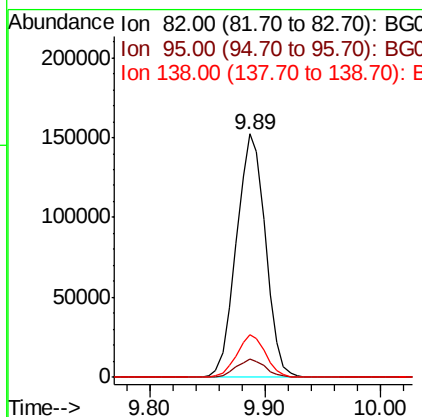
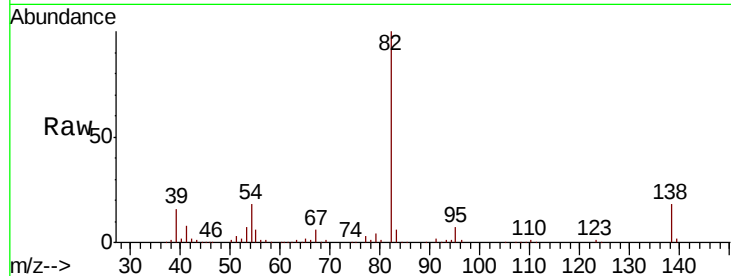
#25
Isophorone
Concen: 39.990 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	265121		
95	7.5	6.2	9.2	
138	17.5	13.0	19.4	

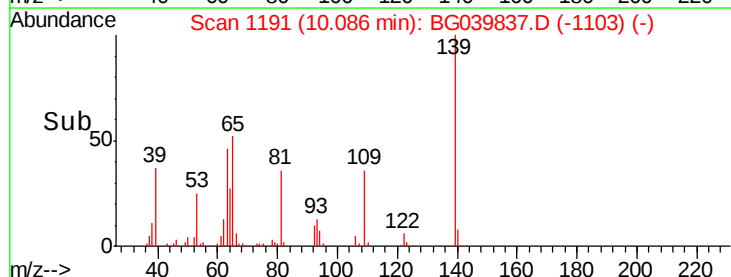
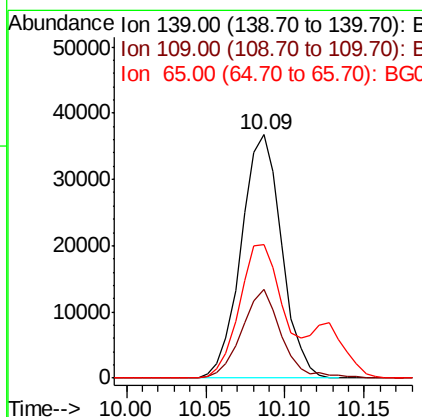
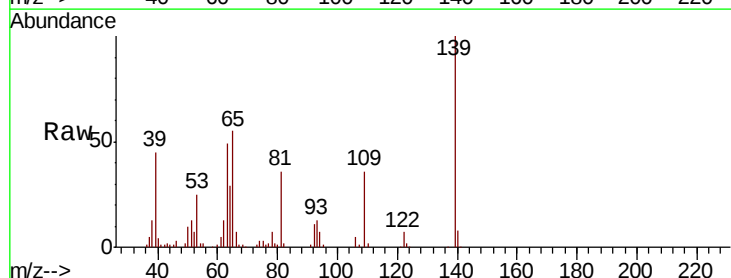
Manual Integrations
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#26
2-Nitrophenol
Concen: 40.506 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	64915		
109	36.3	23.4	35.0#	
65	54.7	44.3	66.5	





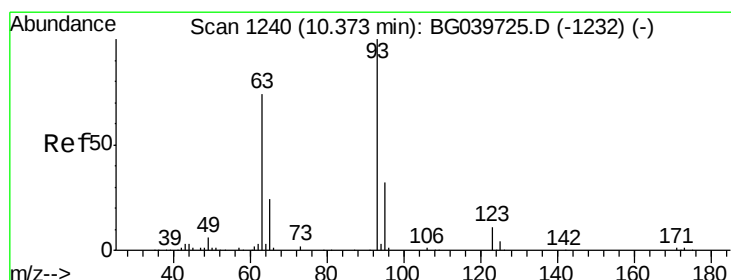
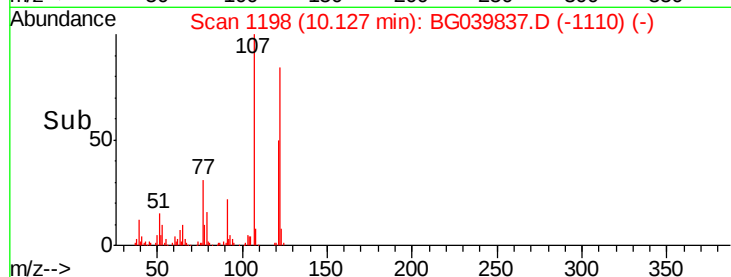
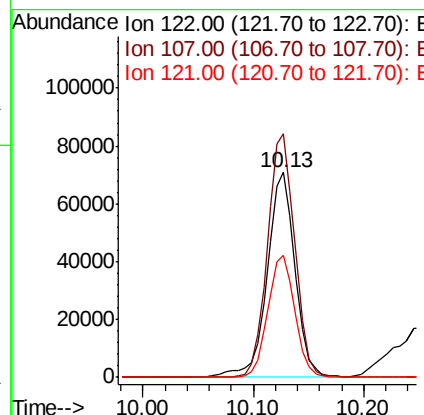
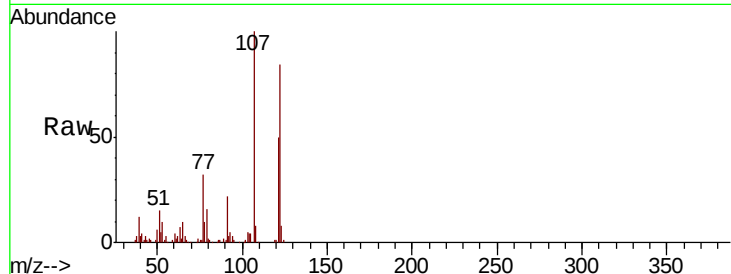
#27
 2,4-Dimethylphenol
 Concen: 50.099 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :
 PB117735BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	124872		
107	118.9	91.7	137.5	
121	59.6	46.4	69.6	

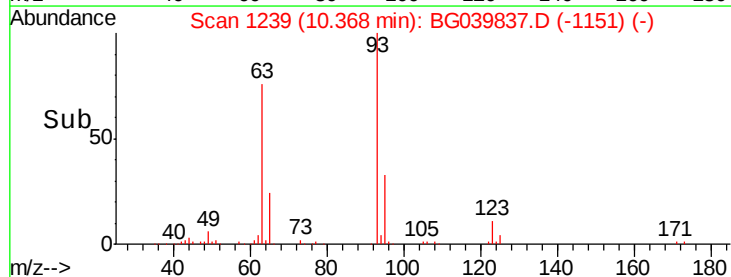
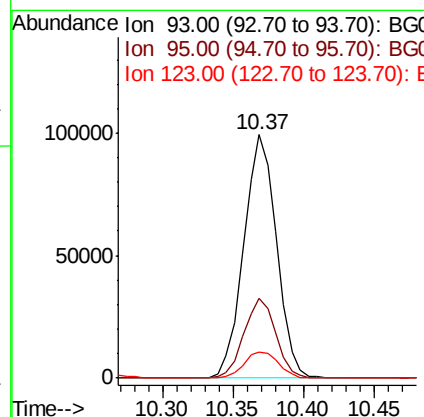
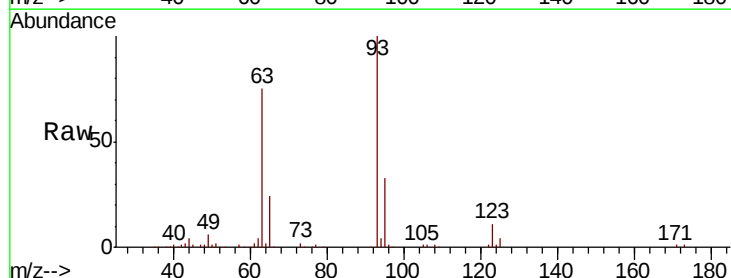
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.041 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	161318		
95	32.9	25.0	37.4	
123	10.5	8.6	12.8	





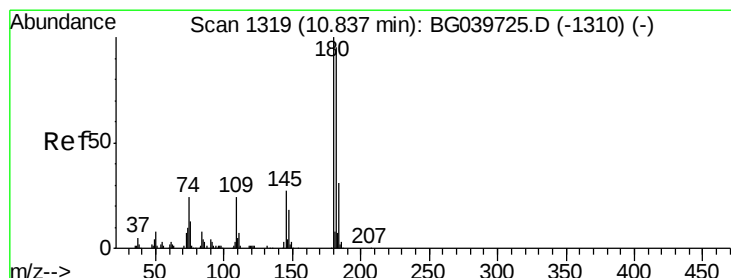
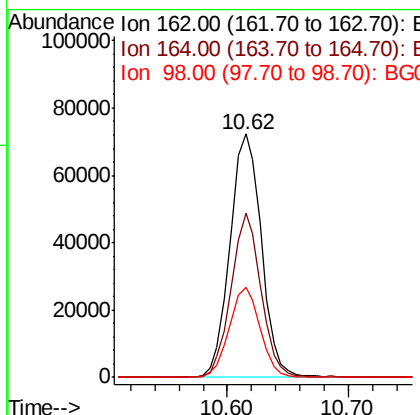
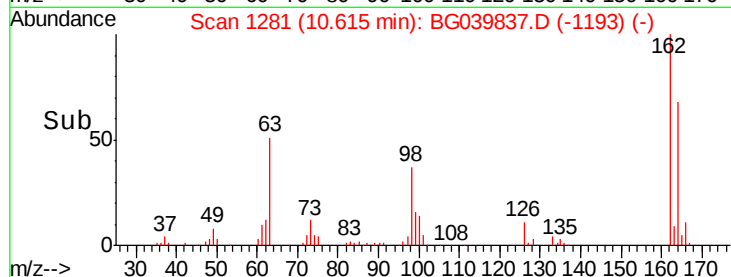
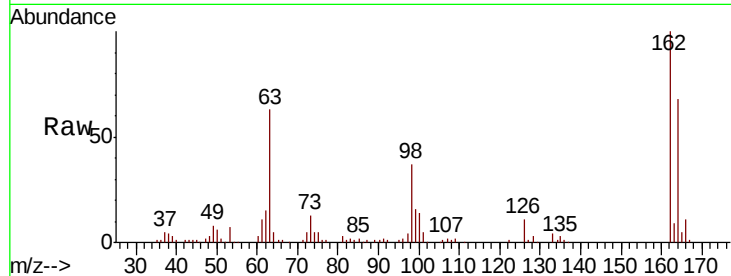
#29
 2,4-Dichlorophenol
 Concen: 46.754 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Instrument :
 BNA_G
 ClientSampled :
 PB117735BS

Tot Ion:	162	Resp:	131205
Ion Ratio	Lower	Upper	
162	100		
164	67.5	48.1	88.1
98	36.7	18.1	58.1

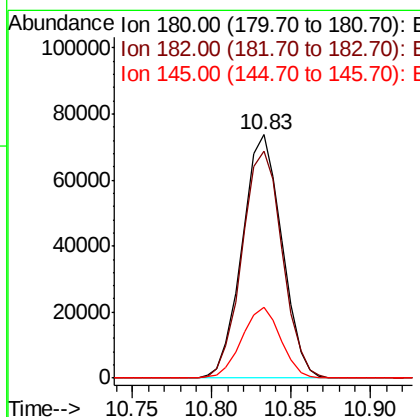
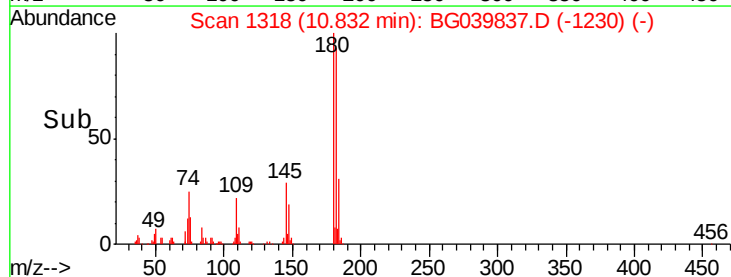
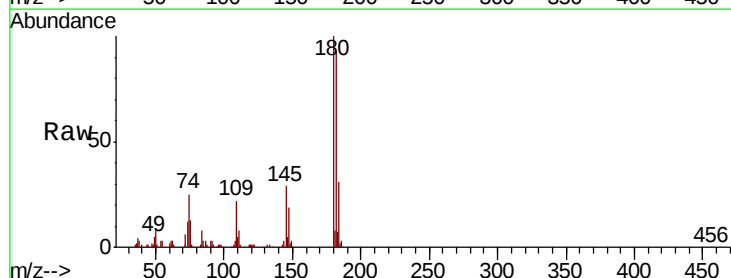
Manual Integrations
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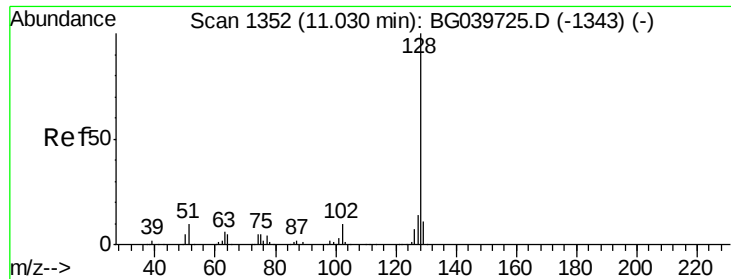
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.686 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Tgt Ion:	180	Resp:	128480
Ion Ratio	Lower	Upper	
180	100		
182	93.1	76.0	114.0
145	28.9	22.7	34.1





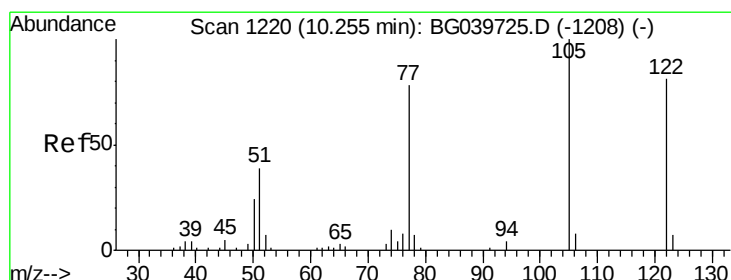
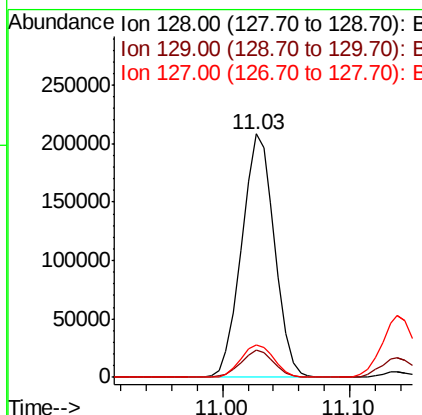
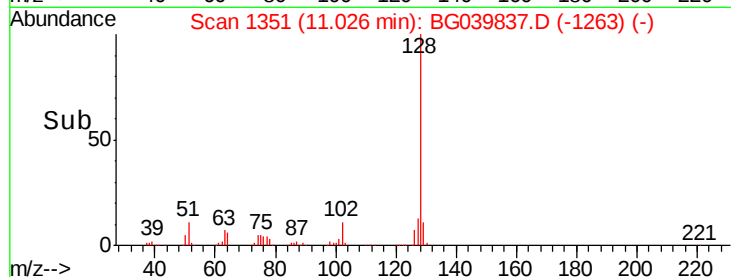
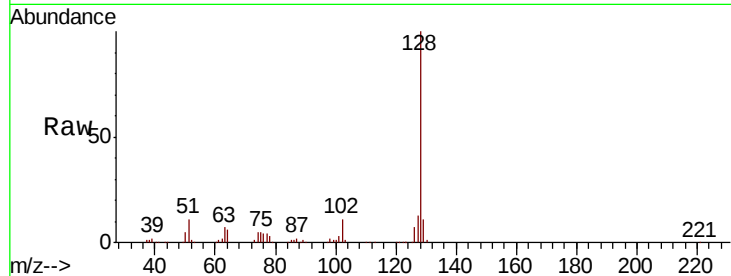
#31
Naphthalene
Concen: 41.100 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.4	10.8	16.2

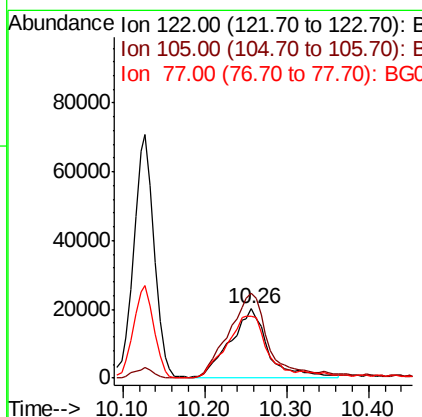
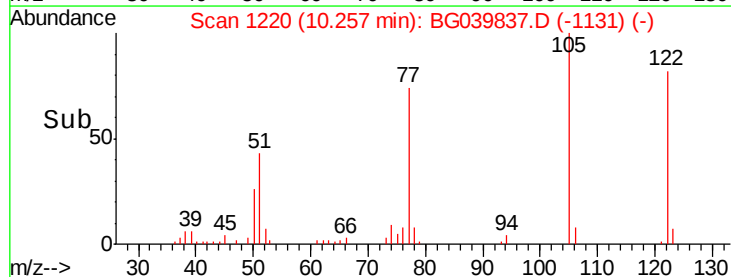
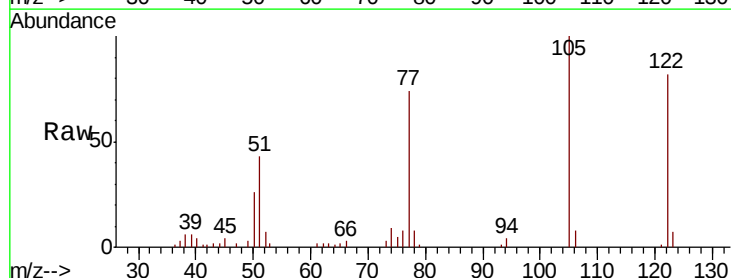
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#32
Benzoic acid
Concen: 38.283 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.3	101.8	141.8
77	90.6	76.3	116.3





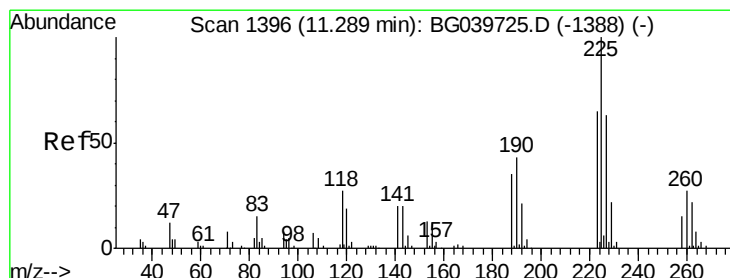
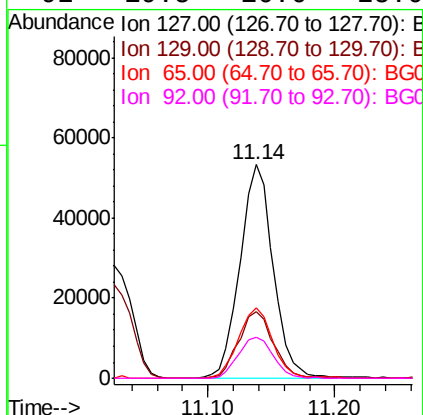
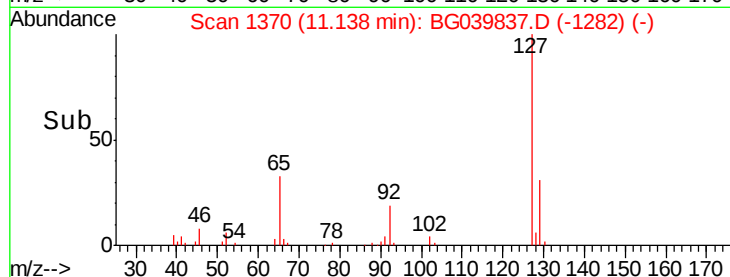
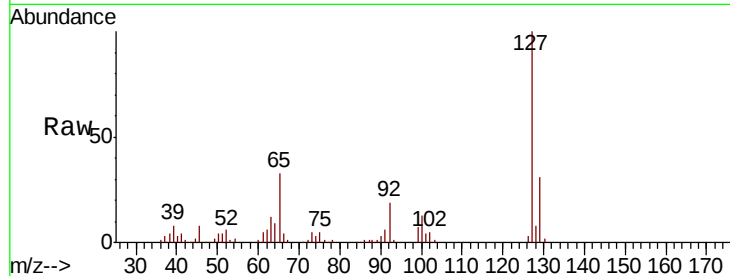
#33
4-Chloroaniline
Concen: 25.261 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	27.0	40.4
65	33.2	28.8	43.2
92	19.5	16.6	25.0

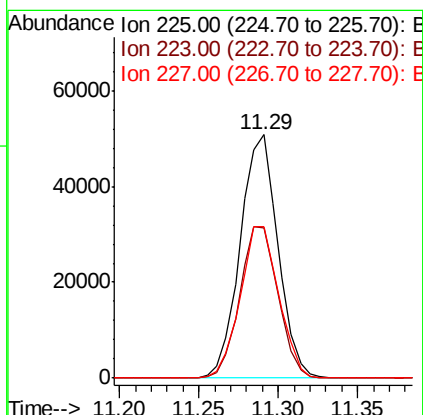
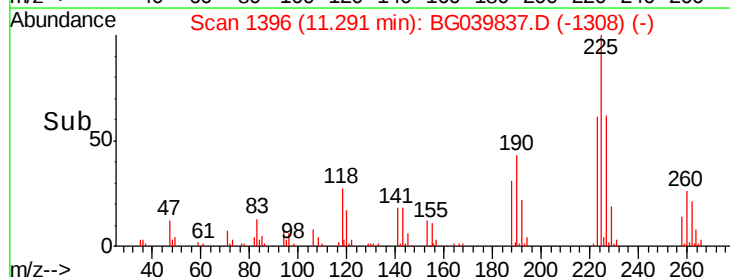
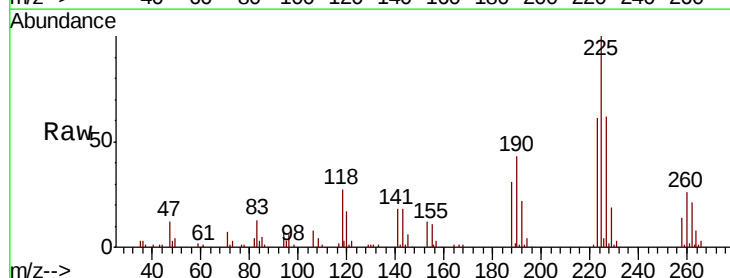
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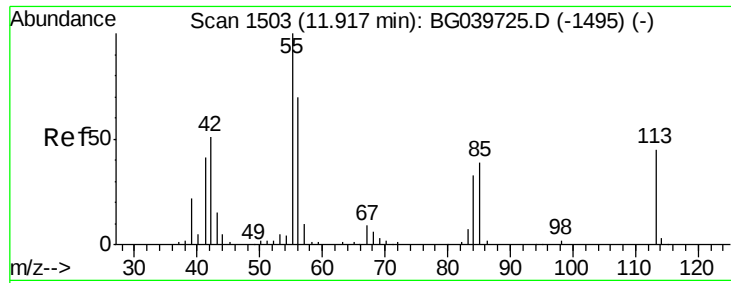
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#34
Hexachlorobutadiene
Concen: 38.910 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.0	73.6
227	62.1	46.3	69.5





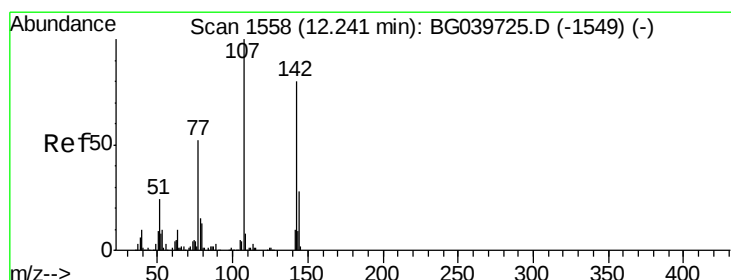
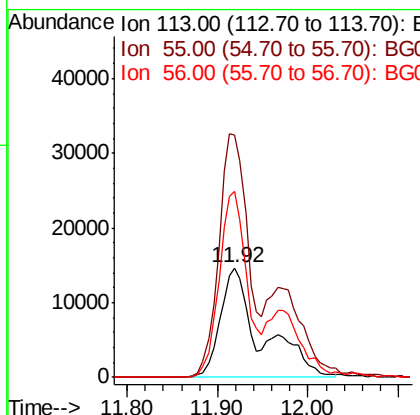
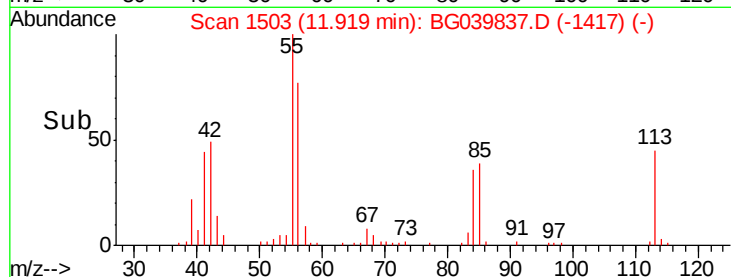
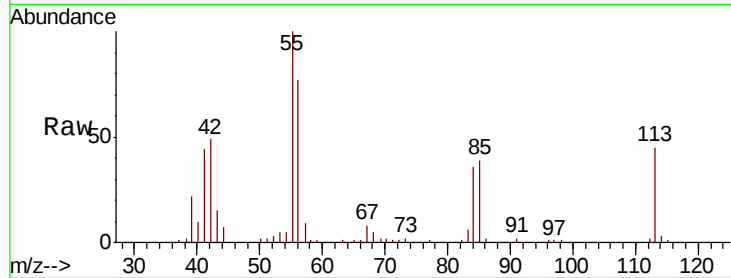
#35
Caprolactam
Concen: 42.749 ng/ml
RT: 11.92 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion:113 Resp: 45826
Ion Ratio Lower Upper
113 100
55 220.7 216.9 256.9
56 169.4 152.6 192.6

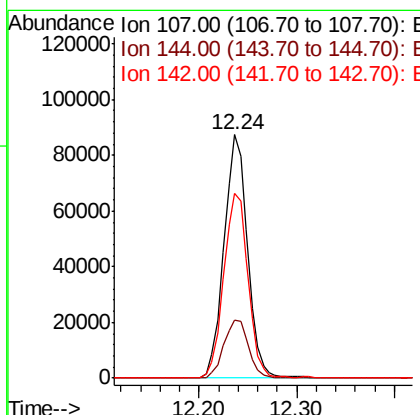
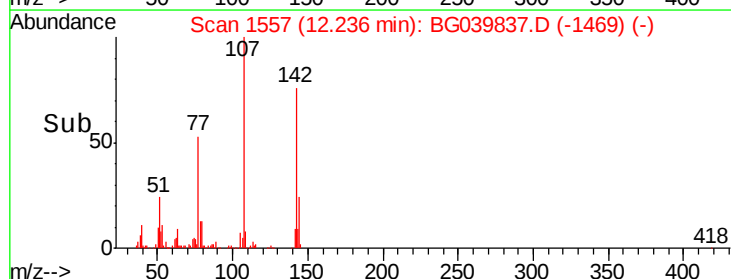
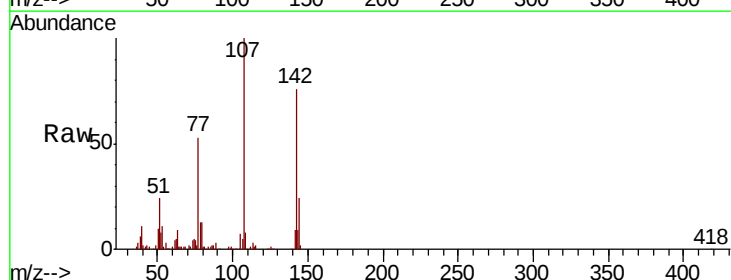
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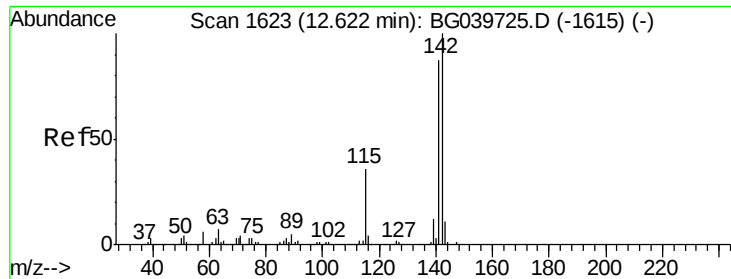
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#36
4-Chloro-3-methylphenol
Concen: 45.371 ng/ml
RT: 12.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion:107 Resp: 145954
Ion Ratio Lower Upper
107 100
144 23.9 20.2 30.2
142 76.0 61.4 92.2





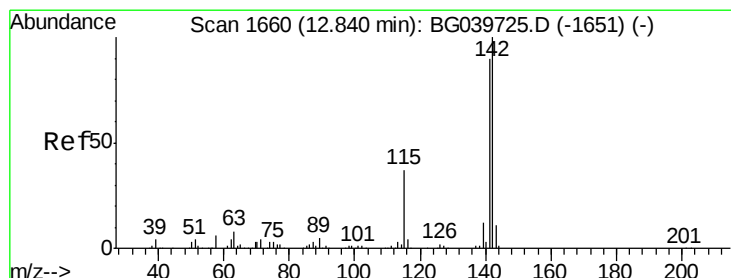
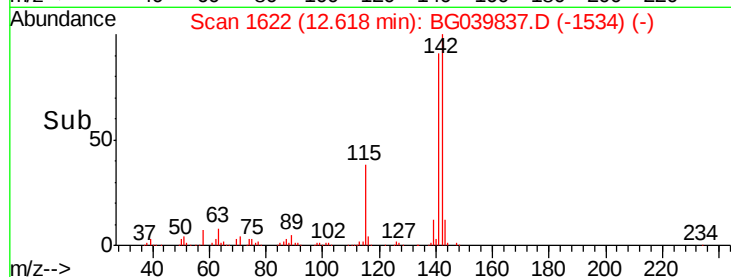
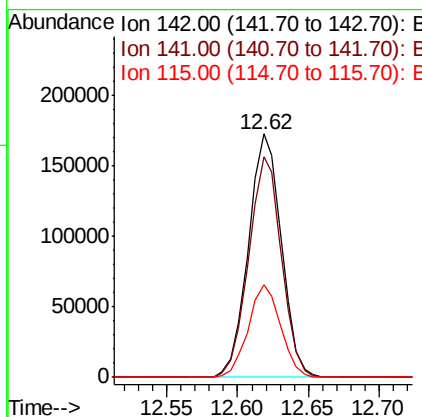
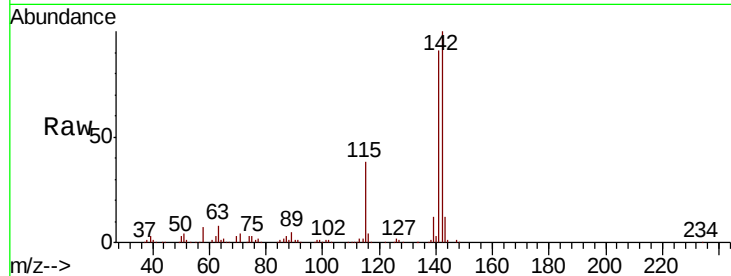
#37
2-Methylnaphthalene
Concen: 41.723 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.5	110.3
115	38.2	30.8	46.2

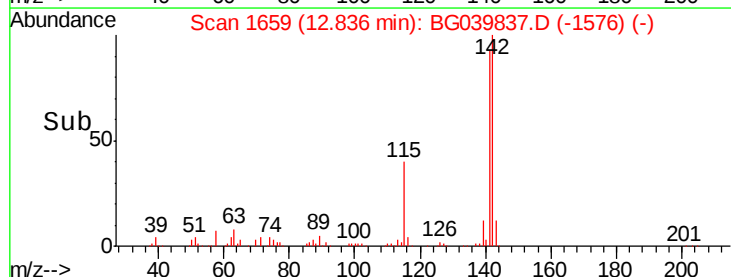
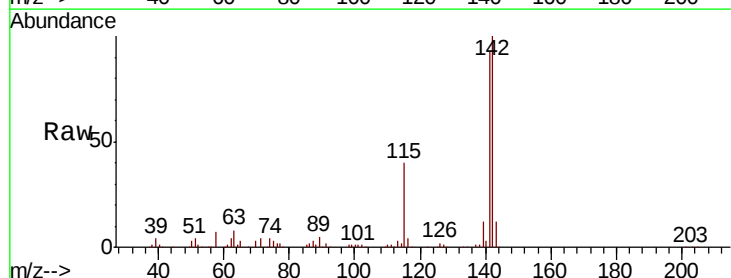
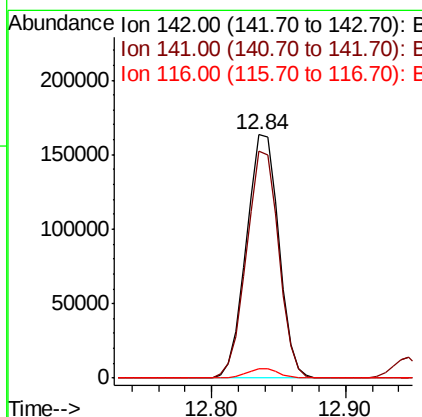
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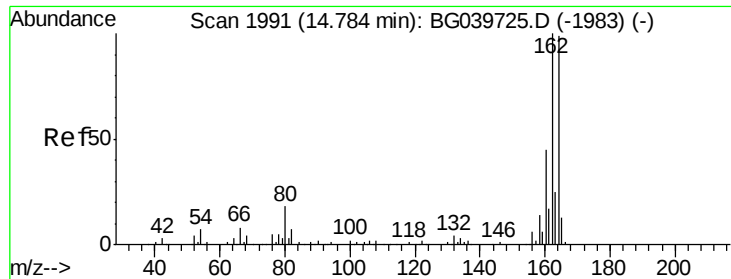
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#38
1-Methylnaphthalene
Concen: 41.448 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.2	111.4
116	3.6	3.0	4.6





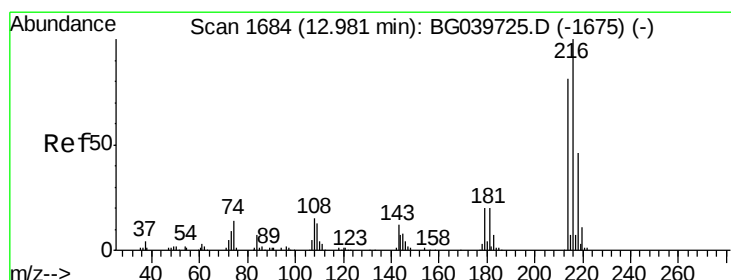
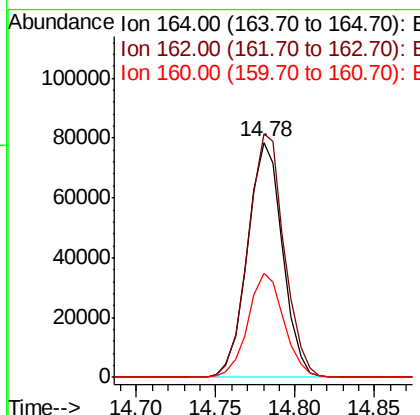
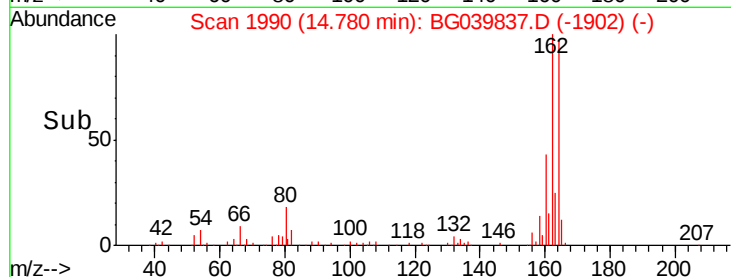
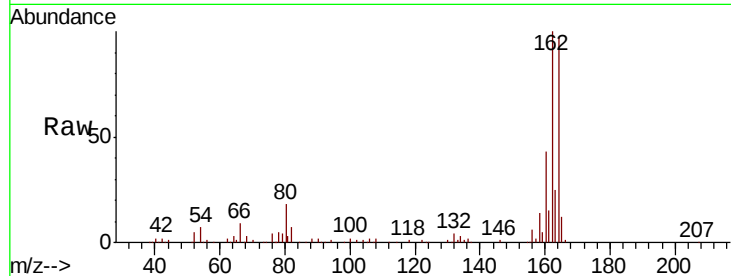
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.6	122.4
160	44.3	34.2	51.2

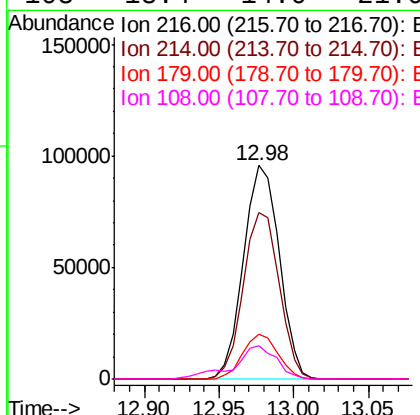
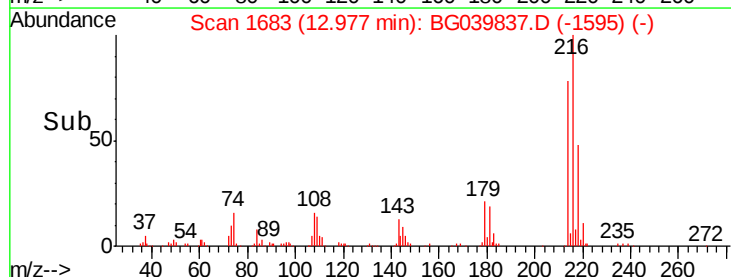
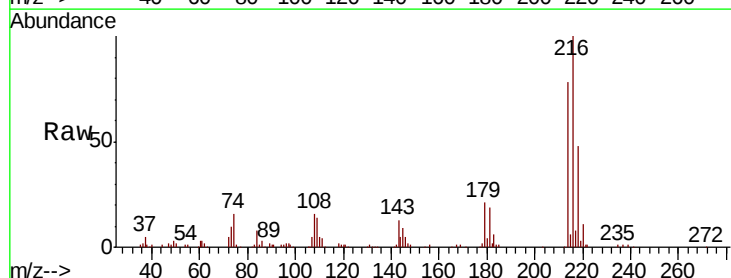
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.943 ng
RT: 12.98 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.6	94.0
179	20.5	16.6	25.0
108	18.4	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 86.865 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

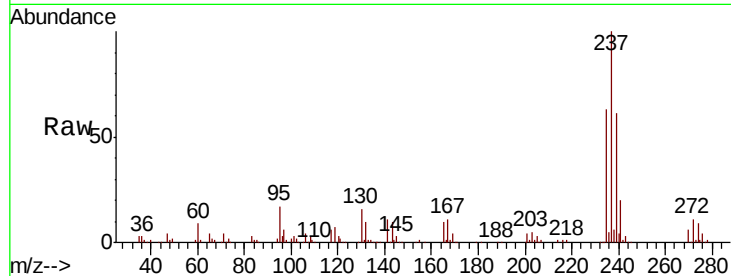
ClientSampleId :

PB117735BS

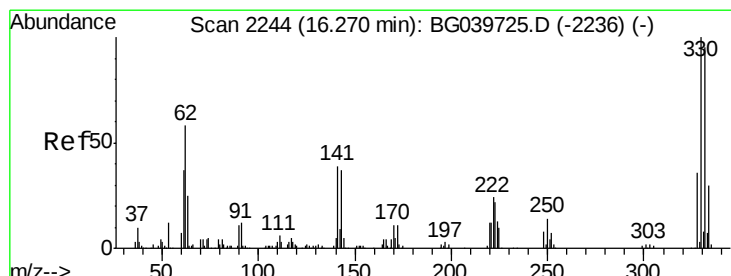
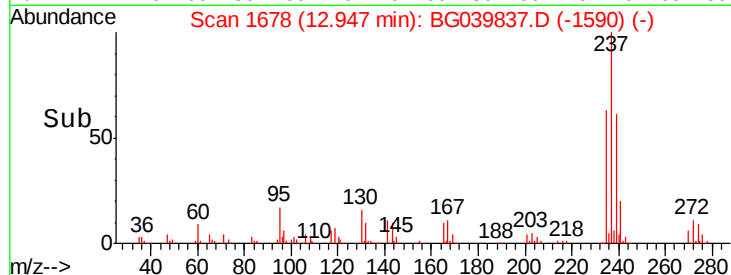
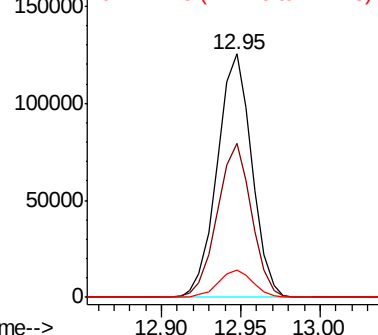
Tot Ion:	237	Resp:	190117
Ion Ratio		Lower	Upper
237	100		
235	63.3	43.3	83.3
272	11.0	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 136.995 ng

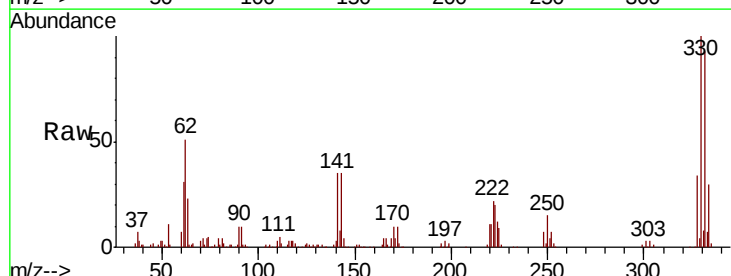
RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

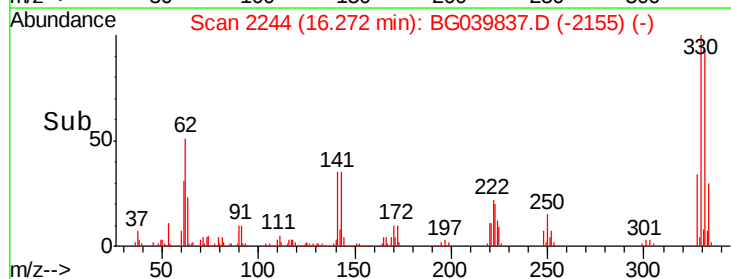
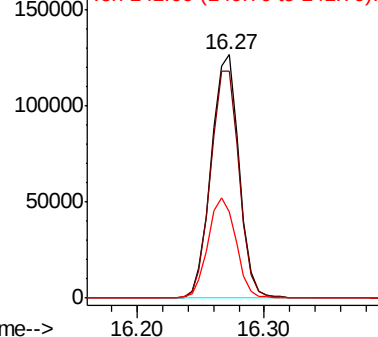
Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Tgt Ion:	330	Resp:	192496
Ion Ratio		Lower	Upper
330	100		
332	95.8	75.7	113.5
141	41.3	35.6	53.4



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





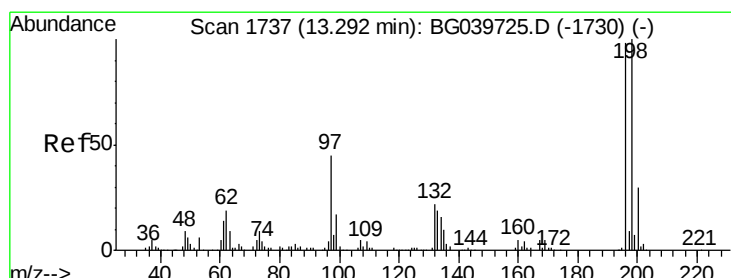
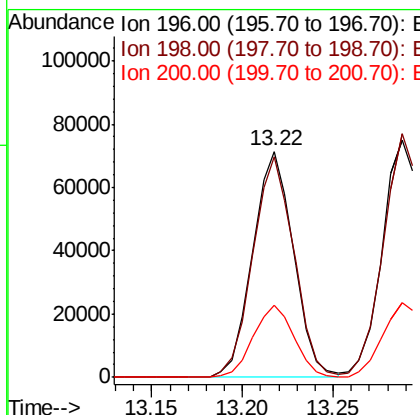
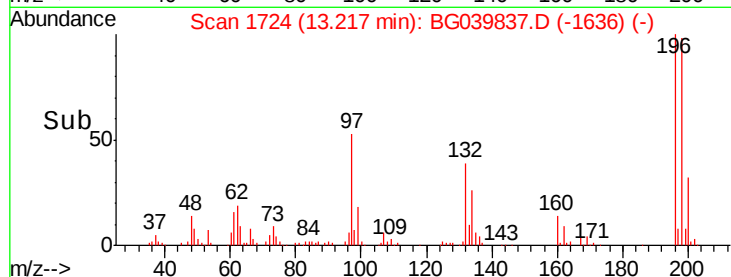
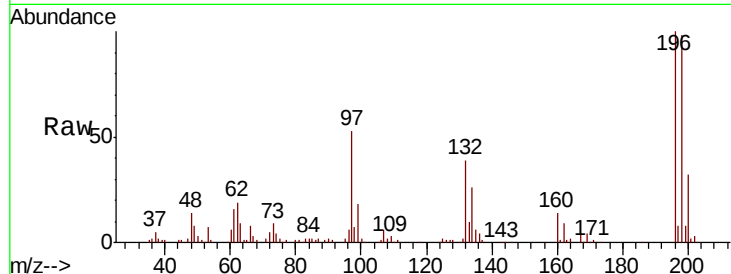
#43
 2,4,6-Trichlorophenol
 Concen: 46.651 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Instrument :
 BNA_G
 ClientSampled :
 PB117735BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	111544		
198	97.6	80.6	121.0	
200	32.1	26.1	39.1	

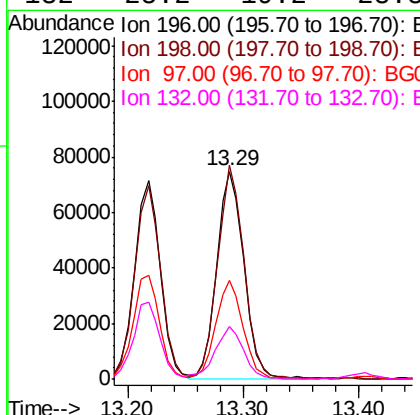
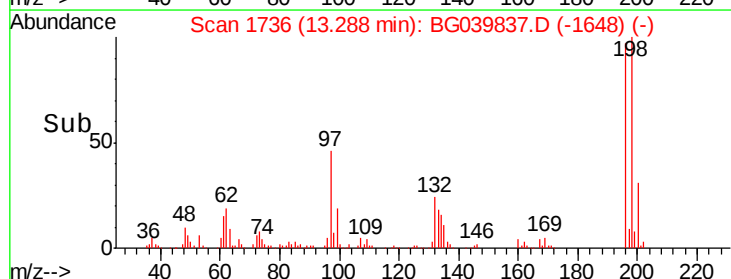
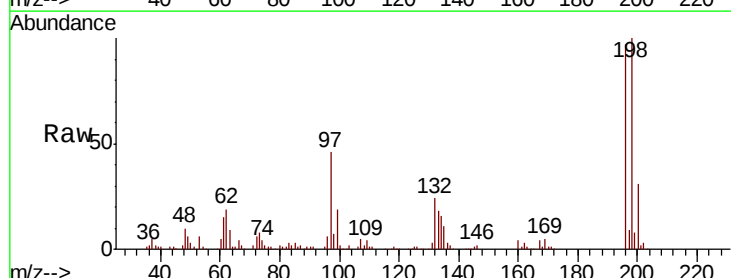
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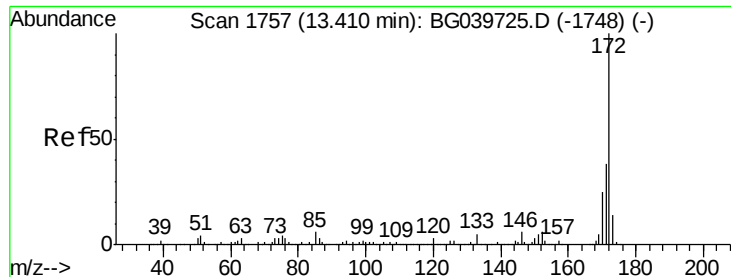
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#44
 2,4,5-Trichlorophenol
 Concen: 44.938 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	121112		
198	102.9	78.5	117.7	
97	47.2	38.4	57.6	
132	25.2	19.2	28.8	





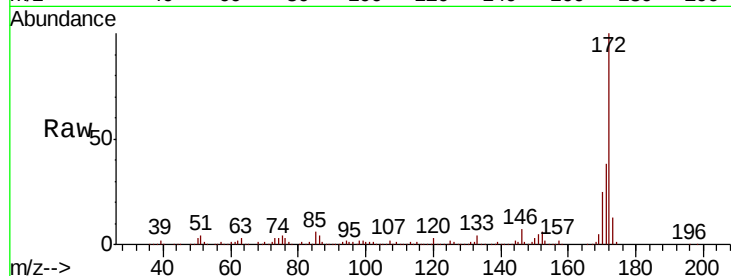
#45
2-Fluorobiphenyl
Concen: 74.808 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	25.1	20.2	30.4

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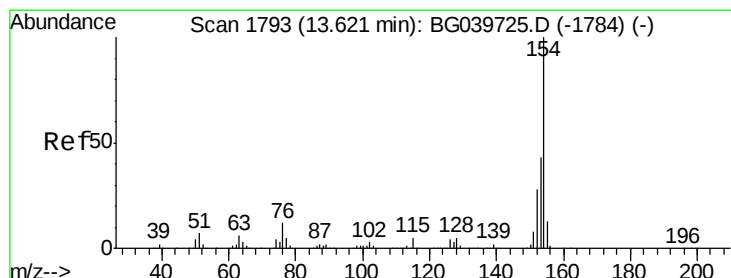
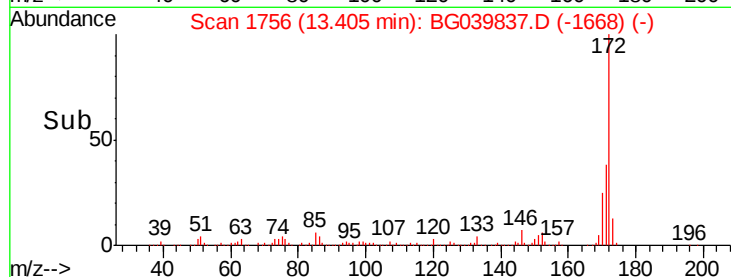
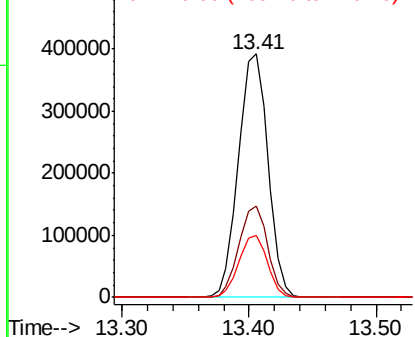


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.666 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

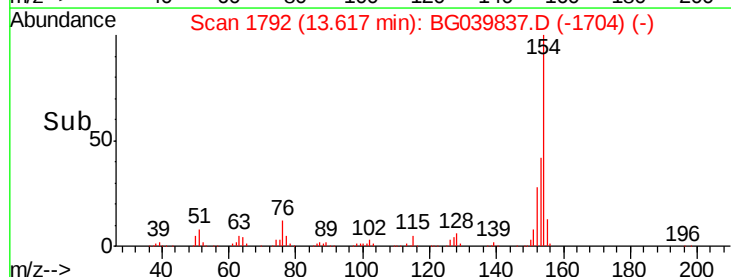
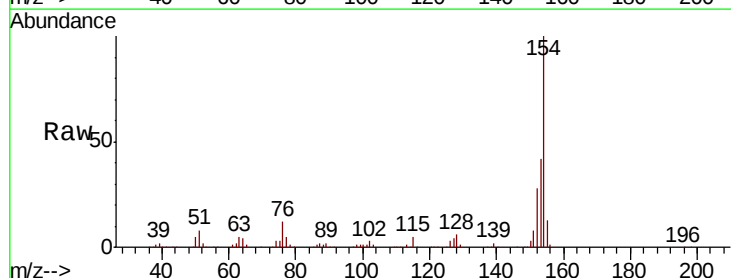
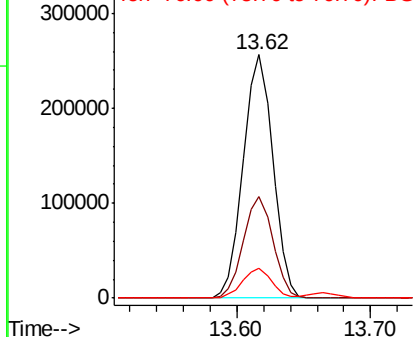
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.1	62.1
76	12.2	0.0	32.4

Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





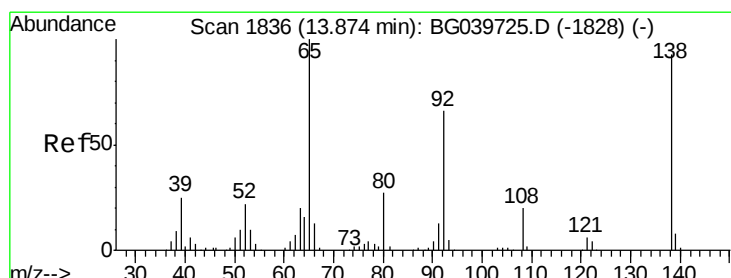
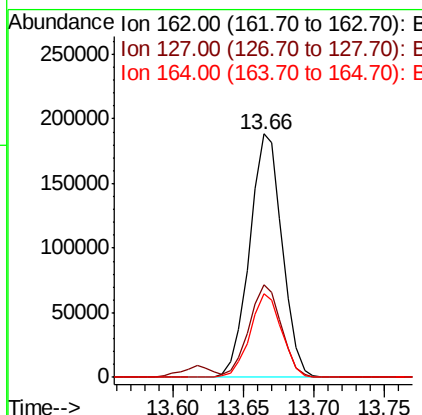
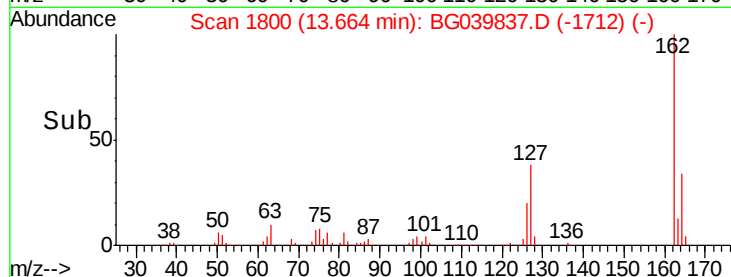
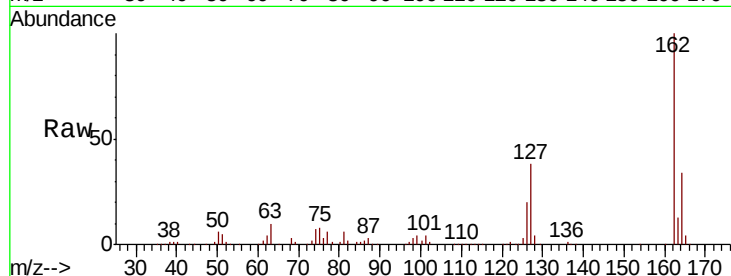
#47
2-Chloronaphthalene
Concen: 40.903 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.0	46.6
164	34.4	25.7	38.5

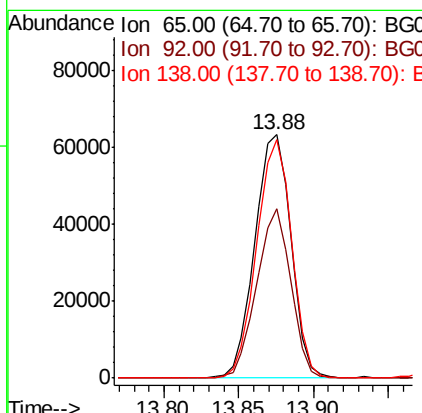
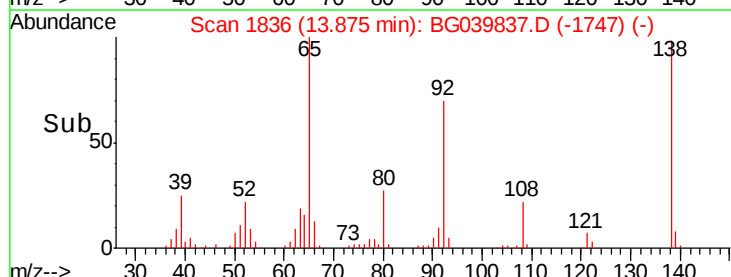
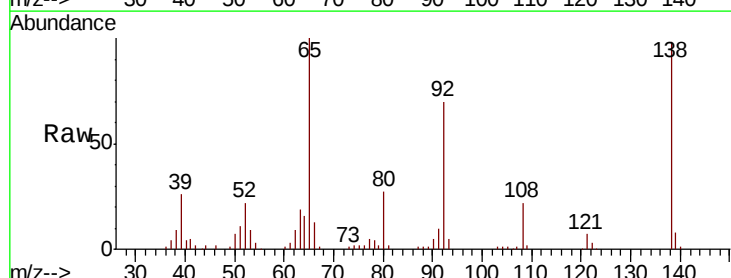
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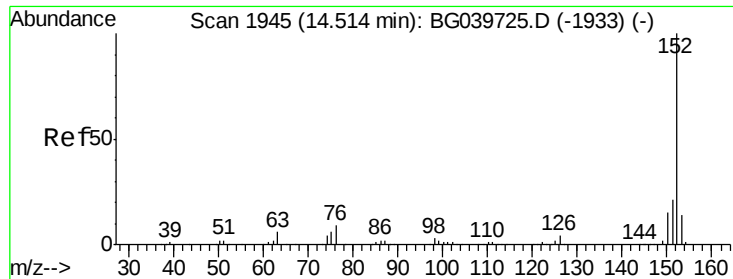
Sohil
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#48
2-Nitroaniline
Concen: 44.223 ng
RT: 13.88 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	51.4	77.2
138	98.1	71.4	107.2





#49

Acenaphthylene

Concen: 40.601 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

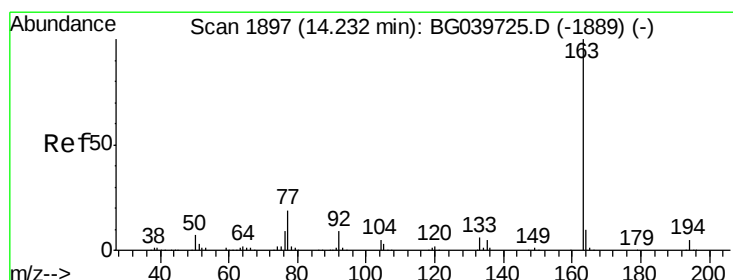
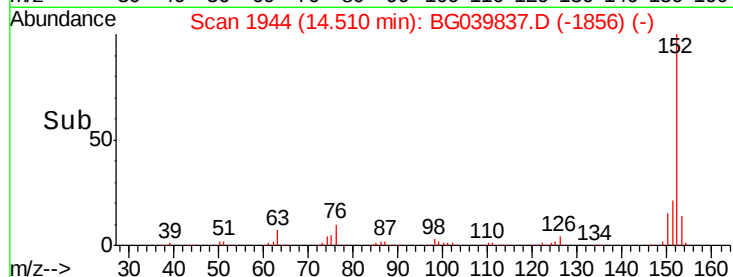
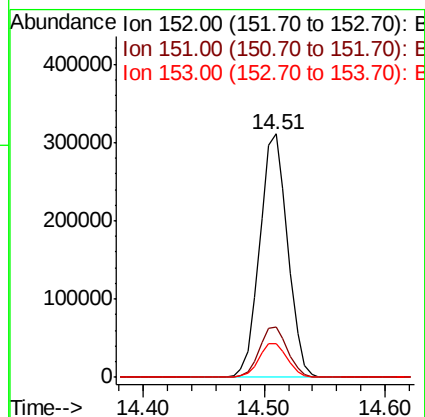
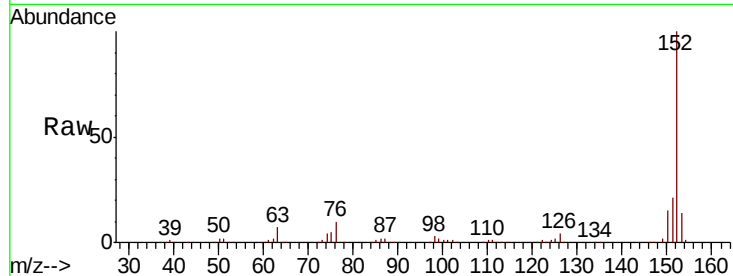
ClientSampleId :

PB117735BS

Tot Ion:	152	Resp:	497158
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	13.7	11.7	17.5

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#50

Dimethylphthalate

Concen: 41.076 ng

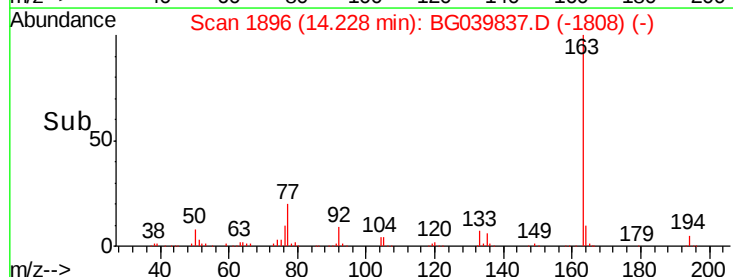
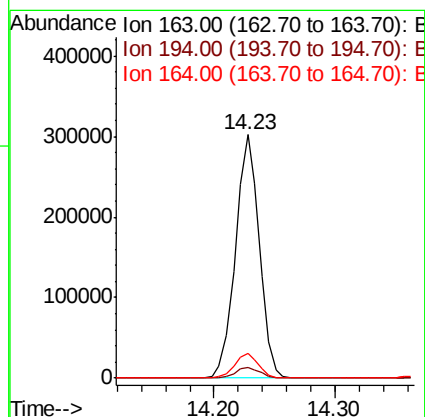
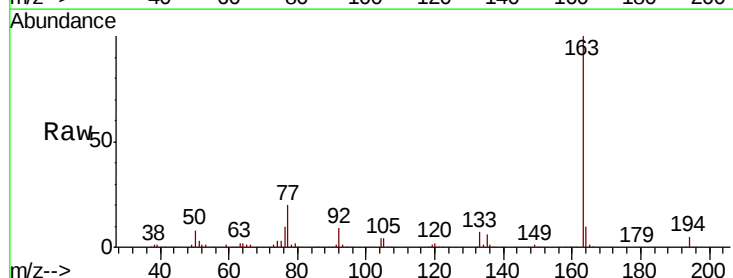
RT: 14.23 min Scan# 1896

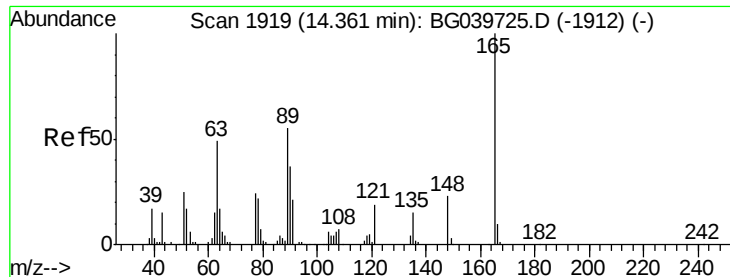
Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Tgt Ion:	163	Resp:	414066
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.0	8.4	12.6





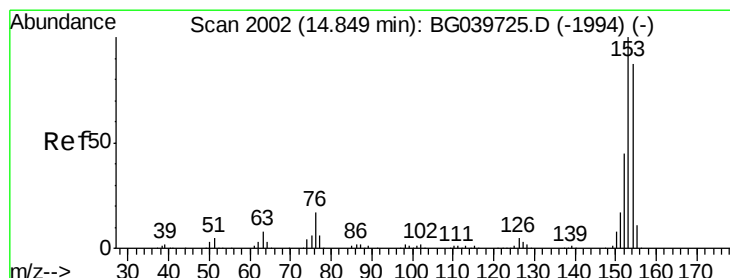
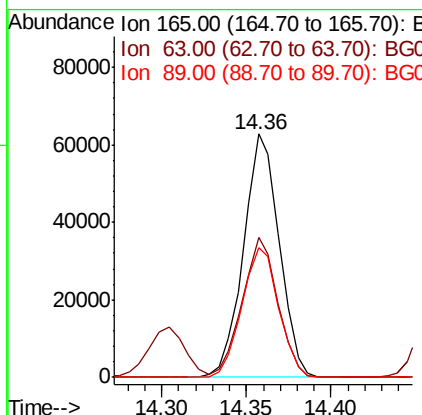
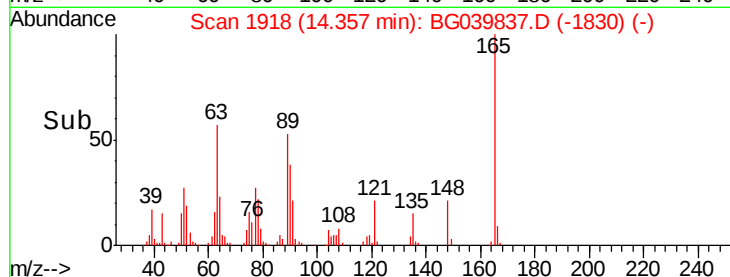
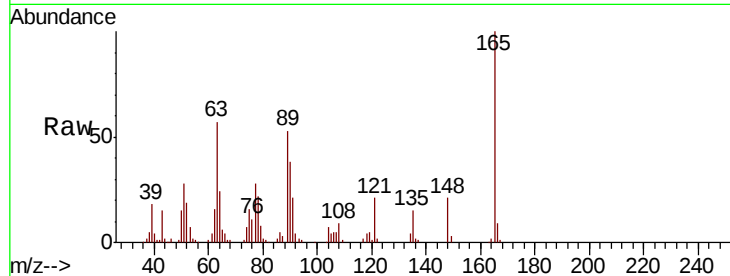
#51
2,6-Dinitrotoluene
Concen: 43.279 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.3	47.0	70.6
89	53.3	45.8	68.8

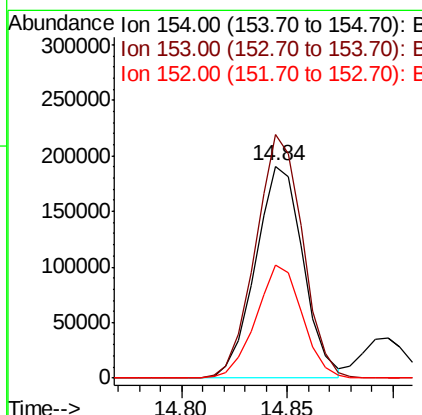
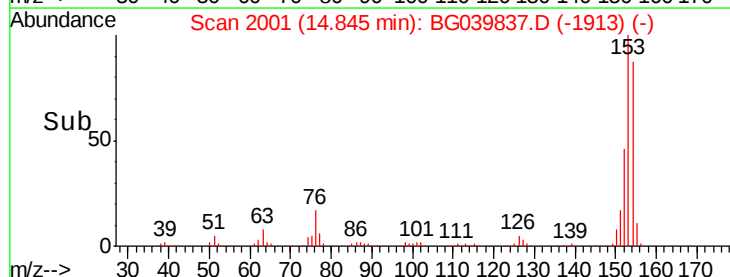
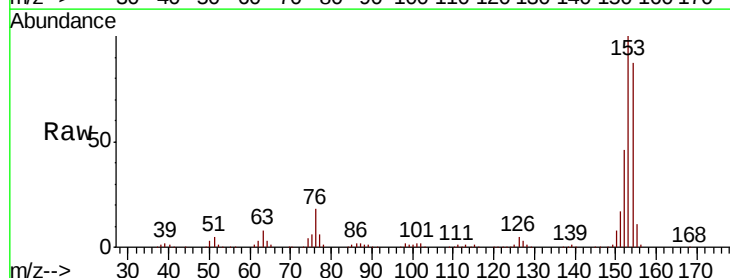
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#52
Acenaphthene
Concen: 40.539 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.1	135.1
152	53.3	40.9	61.3





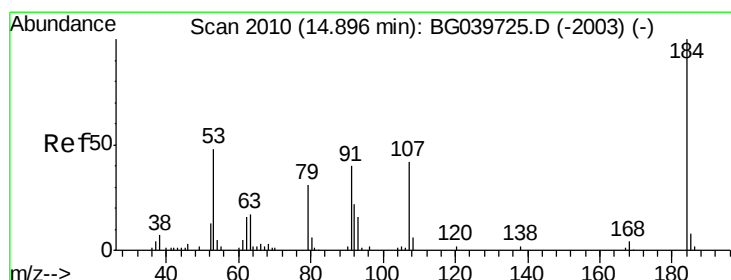
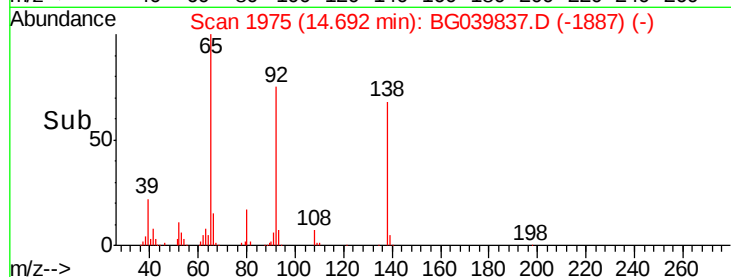
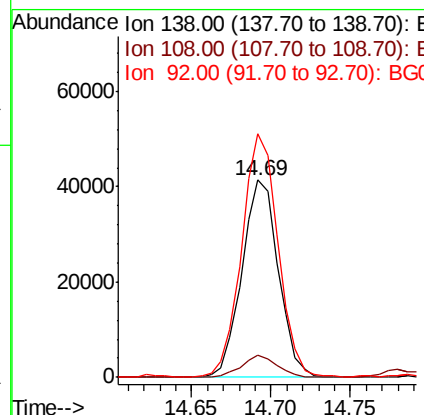
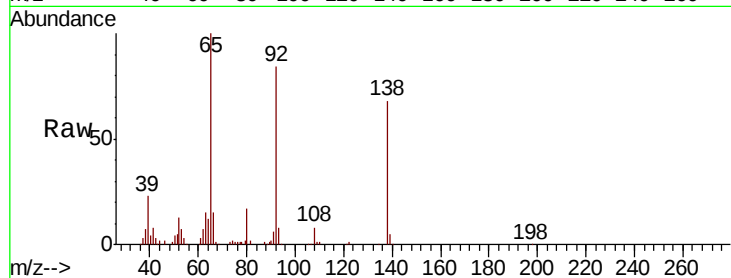
#53
3-Nitroaniline
Concen: 30.692 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion:138 Resp: 65932
Ion Ratio Lower Upper
138 100
108 11.2 13.8 20.8#
92 123.3 103.7 155.5

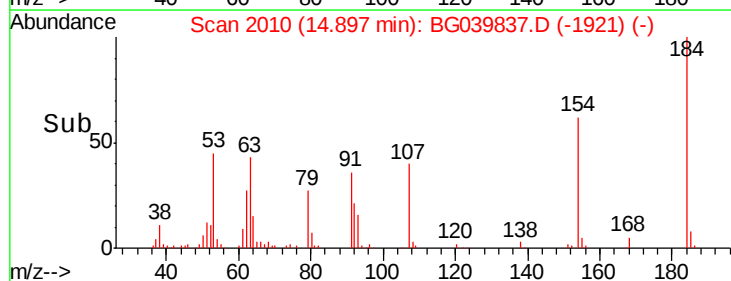
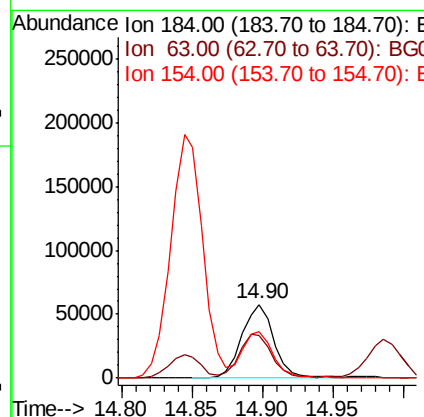
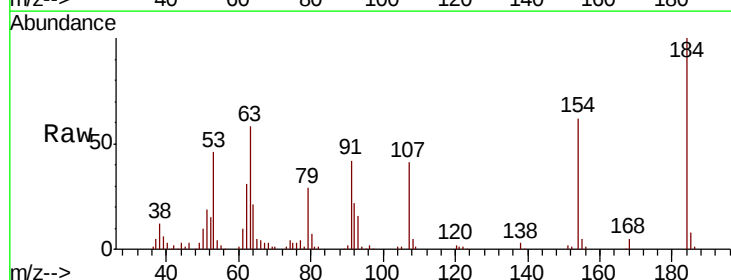
Manual Integrations
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#54
2,4-Dinitrophenol
Concen: 69.054 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion:184 Resp: 92025
Ion Ratio Lower Upper
184 100
63 58.3 50.9 76.3
154 62.4 53.0 79.6





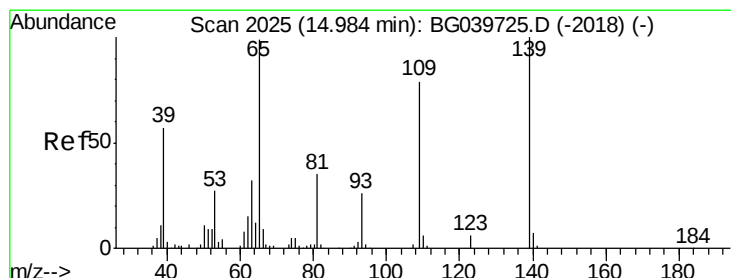
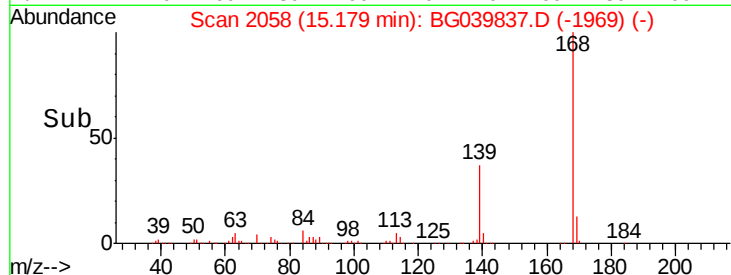
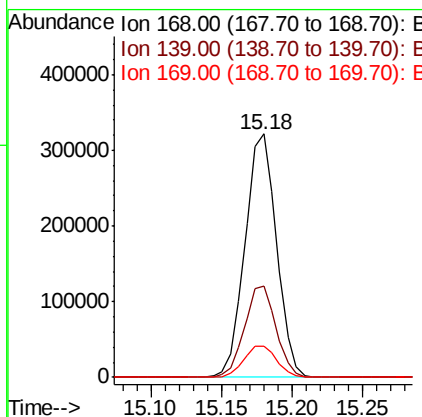
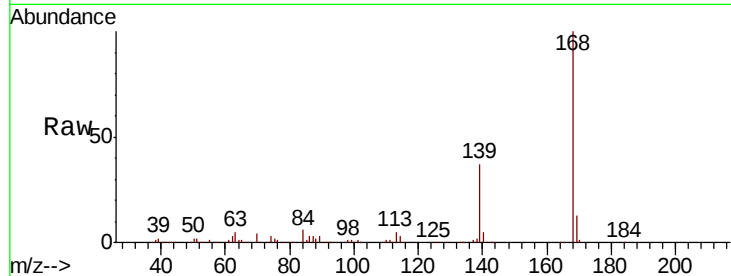
#55
Dibenzenofuran
Concen: 41.524 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	502109		
139	37.5		30.1	45.1
169	12.8		10.6	16.0

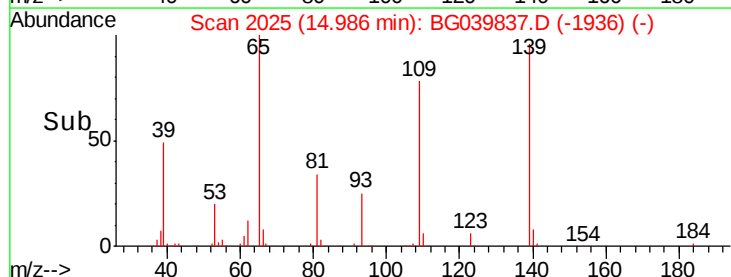
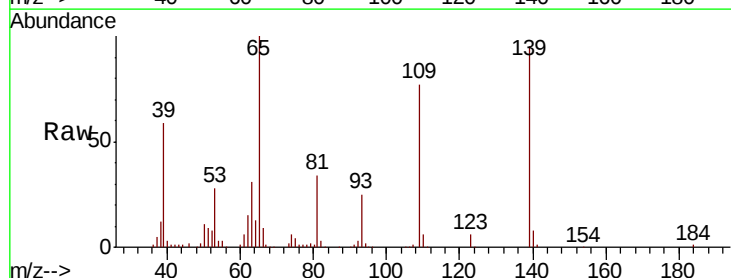
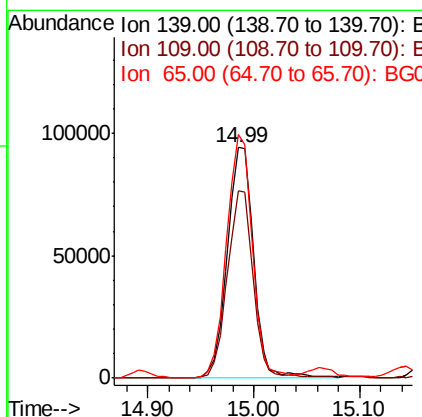
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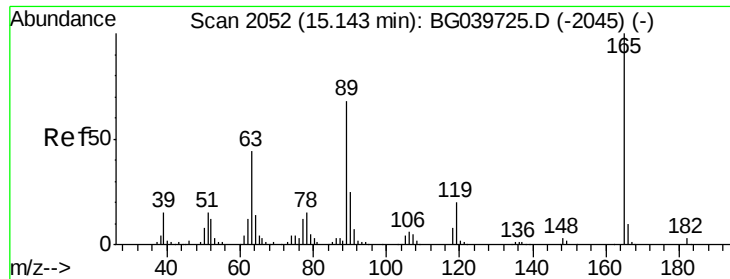
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#56
4-Nitrophenol
Concen: 83.984 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	161390		
109	81.4		61.9	101.9
65	105.6		99.1	139.1





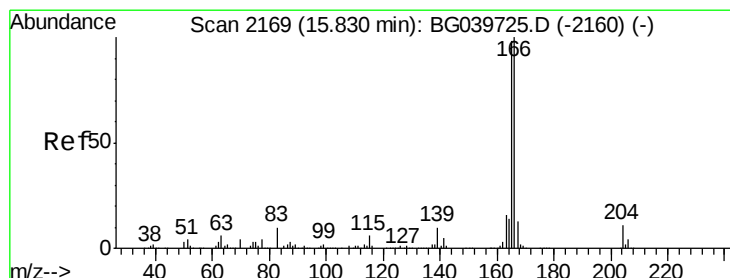
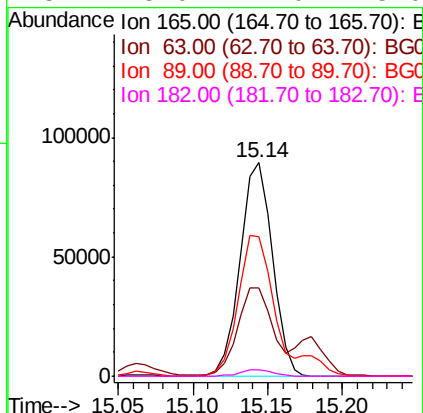
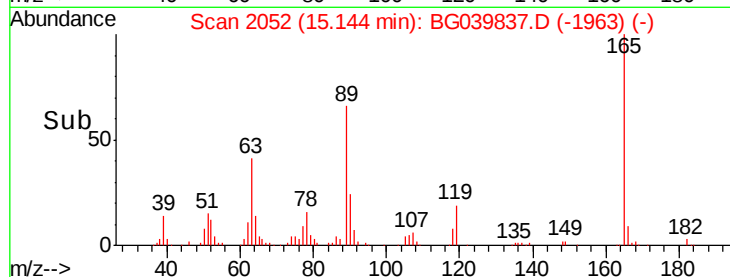
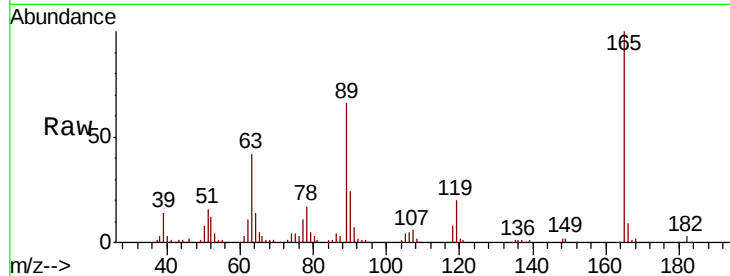
#57
2,4-Dinitrotoluene
Concen: 44.795 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampled :
PB117735BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.6	41.0	61.6	
89	65.6	64.6	96.8	
182	3.0	2.0	3.0	

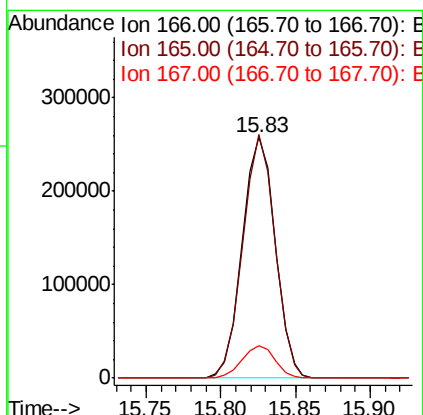
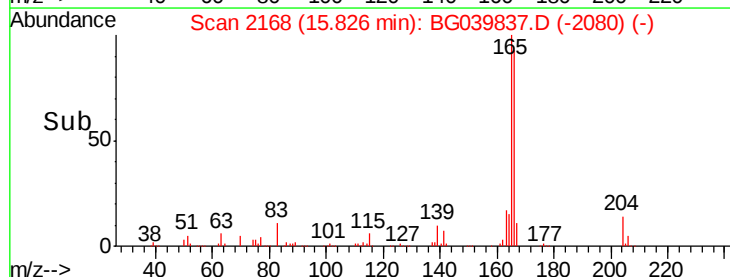
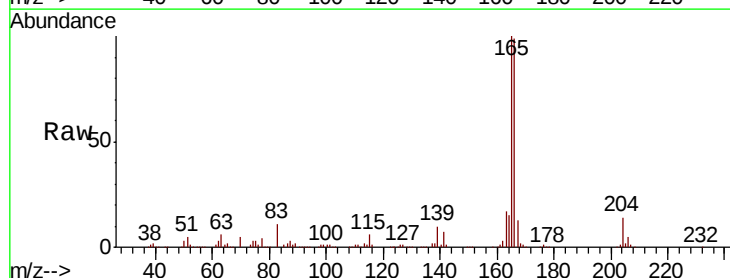
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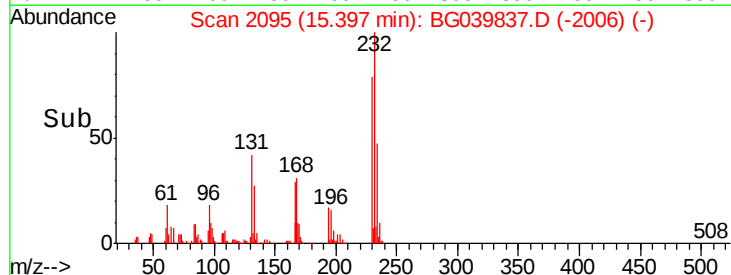
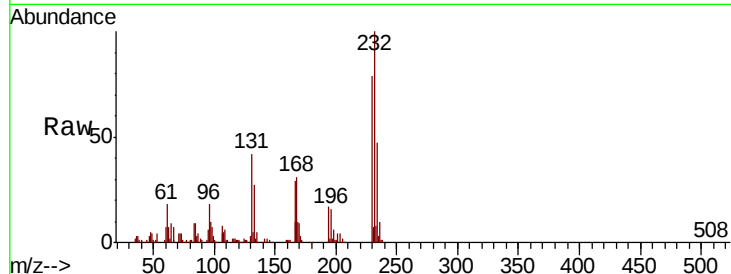
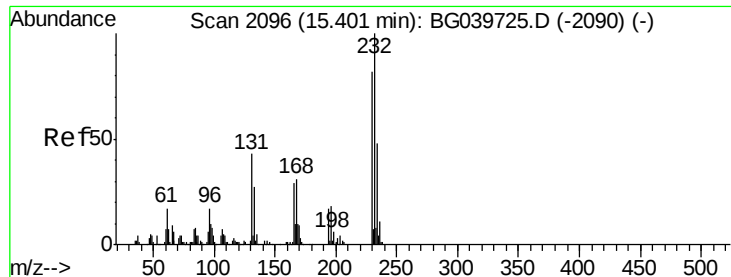
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#58
Fluorene
Concen: 41.401 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.2	77.9	116.9	
167	13.4	10.8	16.2	





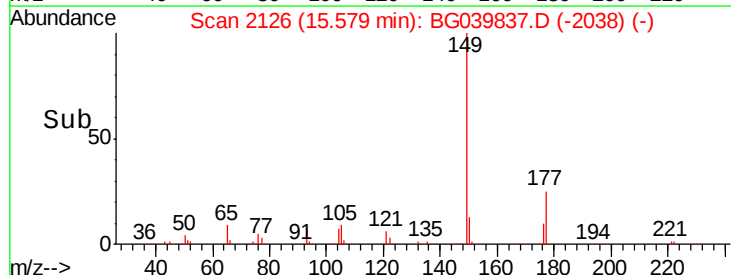
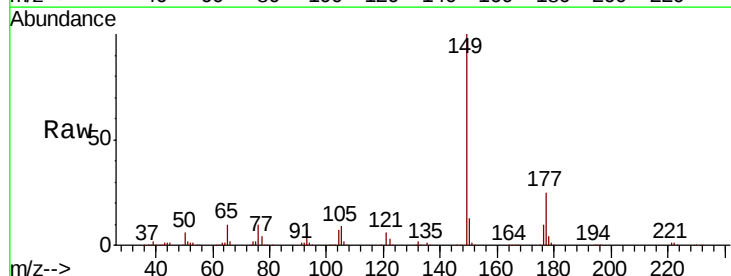
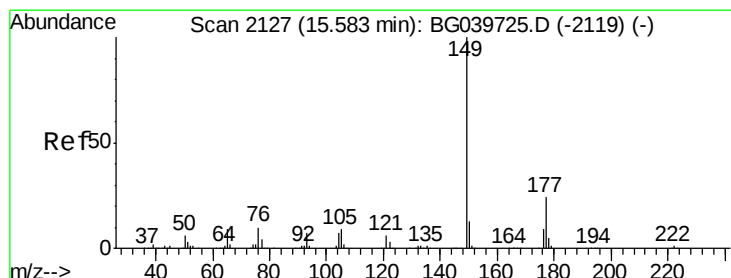
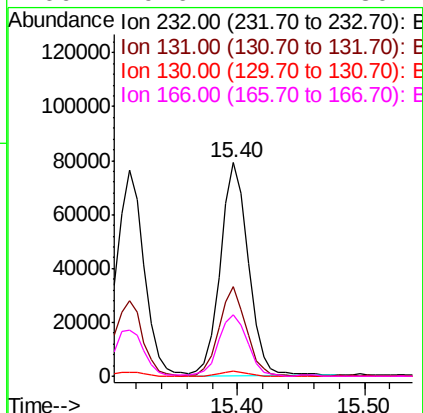
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.796 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.7	34.9	52.3
130	2.4	2.0	3.0
166	29.6	24.1	36.1

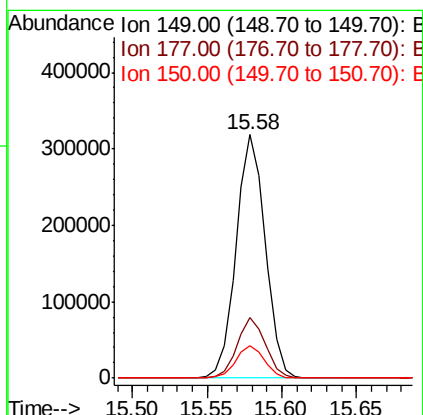
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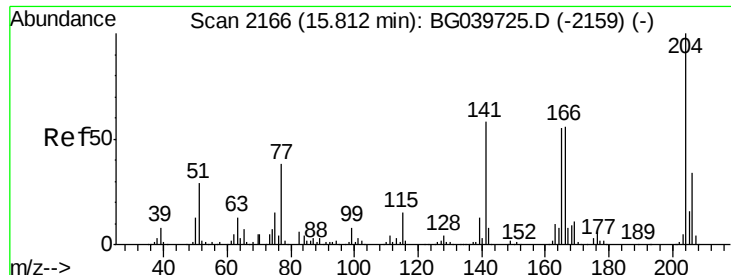
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#60
Diethylphthalate
Concen: 43.160 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.3	27.5
150	13.1	10.2	15.2





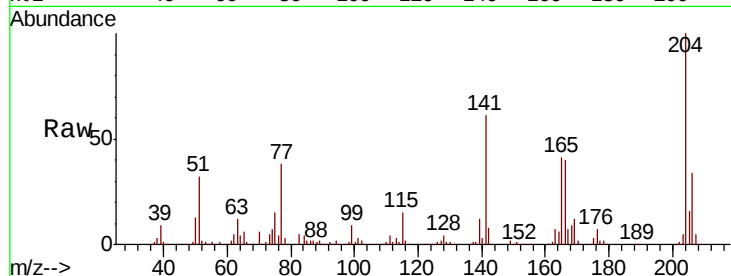
#61
4-Chlorophenyl-phenylether
Concen: 41.118 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	29.2	43.8
141	60.5	49.0	73.4

Manual Integrations
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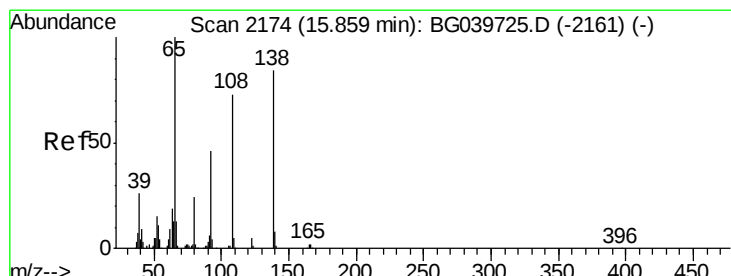
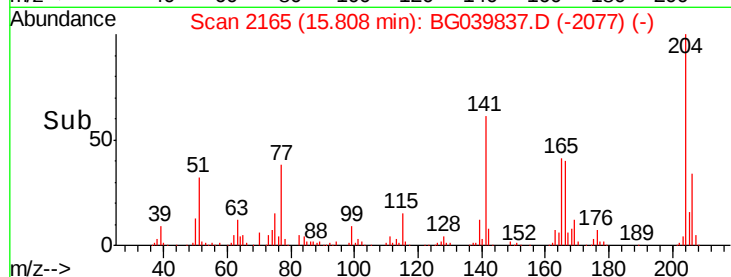
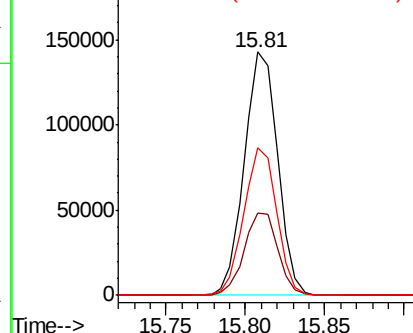


Abundance

Ion 204.00 (203.70 to 204.70): E

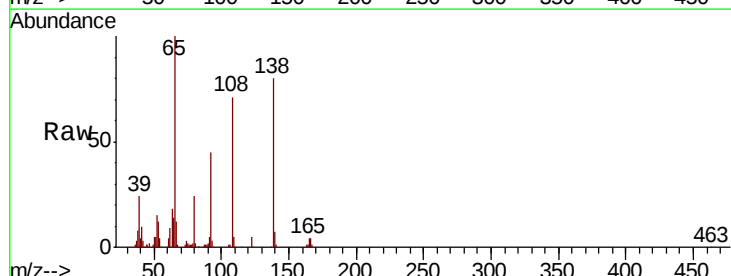
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.293 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.9	38.7	78.7
108	88.2	74.6	114.6

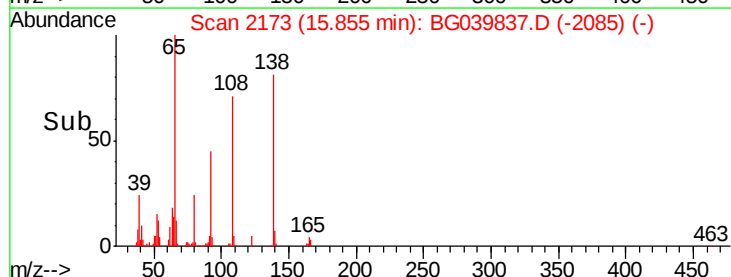
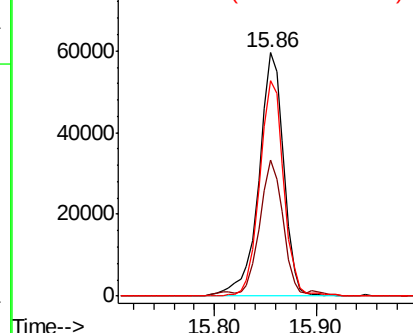


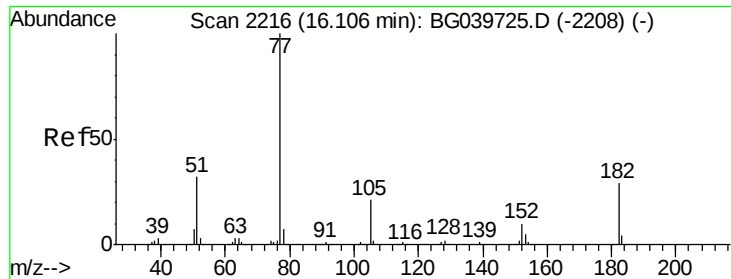
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





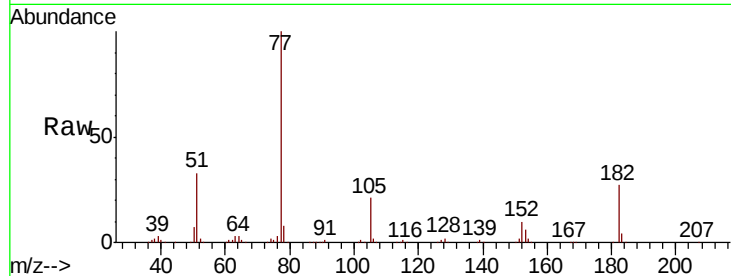
#63
Azobenzene
Concen: 41.722 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

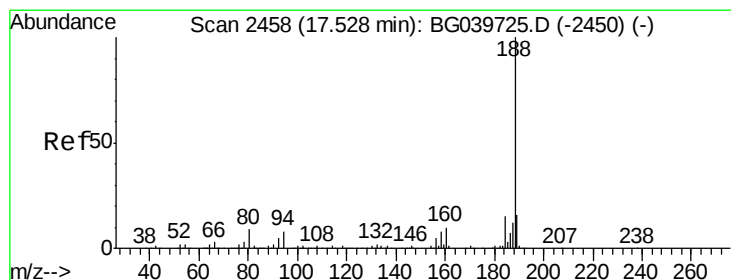
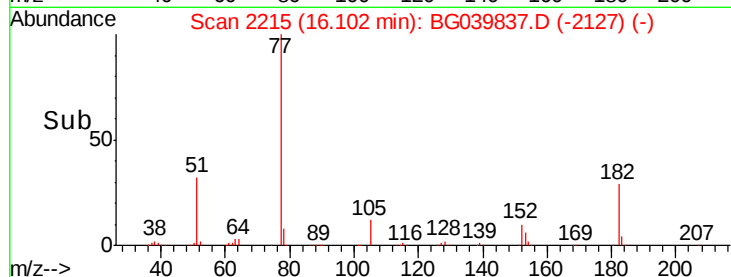
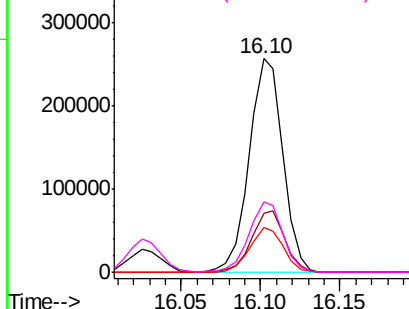
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.4	6.4	46.4	
105	20.9	0.0	39.8	
51	33.2	14.1	54.1	

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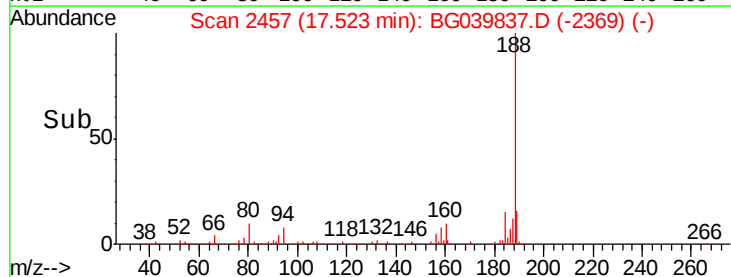
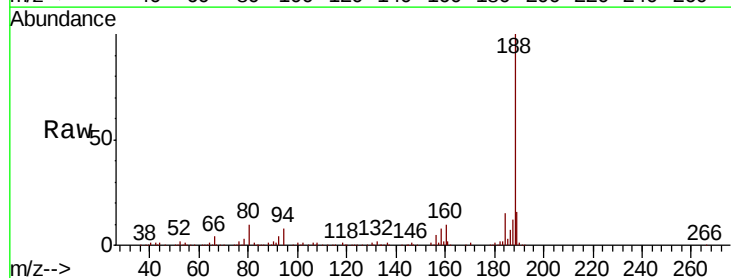
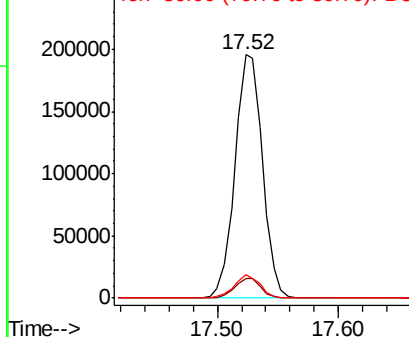
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.9	6.9	10.3	
80	9.8	8.1	12.1	

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 39.347 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

PB117735BS

Tot Ion:198 Resp: 72036

Ion Ratio Lower Upper

198 100

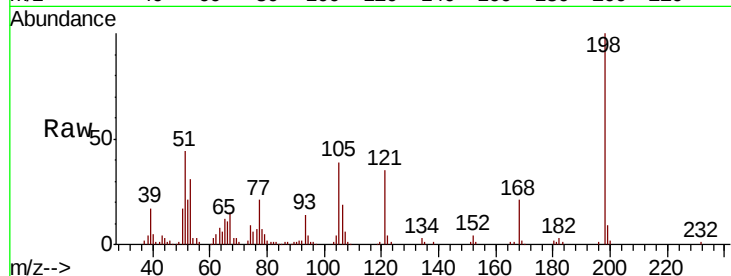
51 43.8 27.4 67.4

105 39.2 19.7 59.7

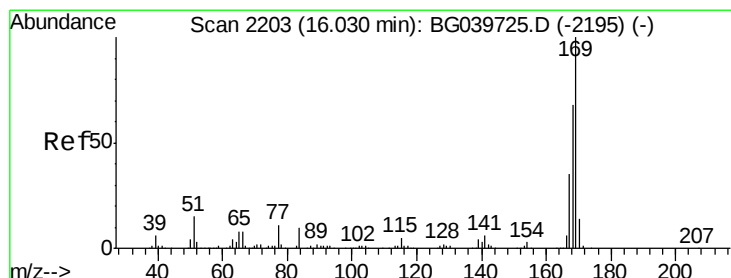
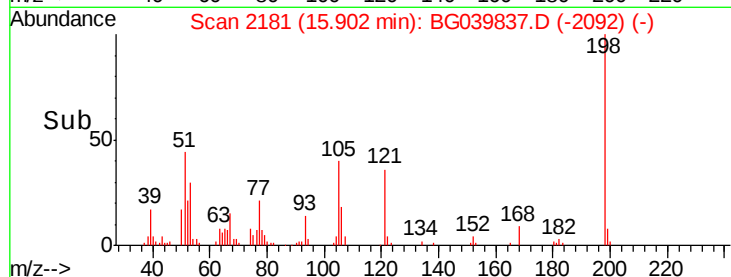
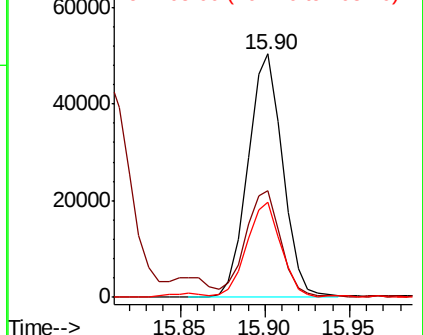
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.555 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

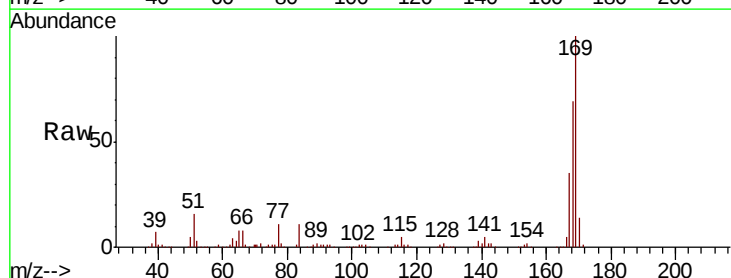
Tgt Ion:169 Resp: 372502

Ion Ratio Lower Upper

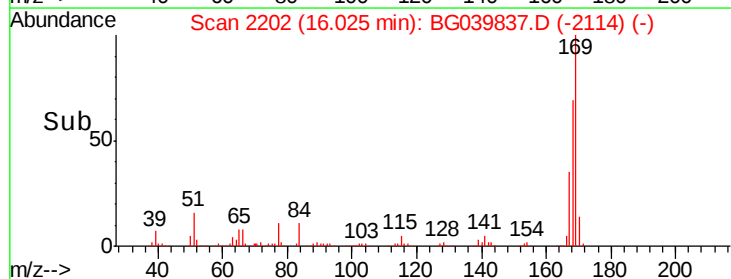
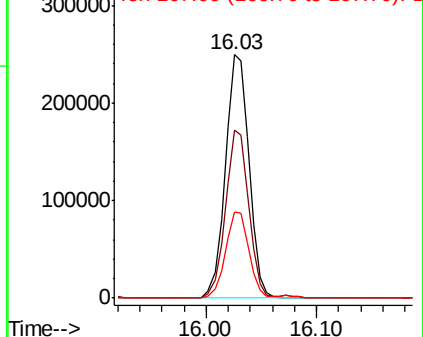
169 100

168 69.2 56.6 85.0

167 35.4 28.8 43.2



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





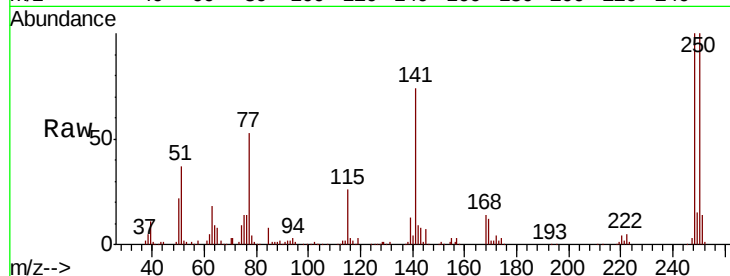
#67
4-Bromophenyl-phenylether
Concen: 39.501 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.6	116.4
141	74.3	63.9	95.9

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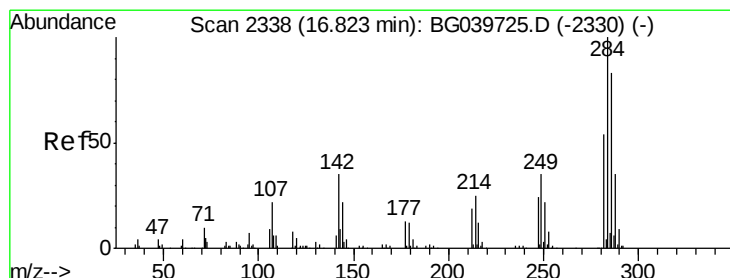
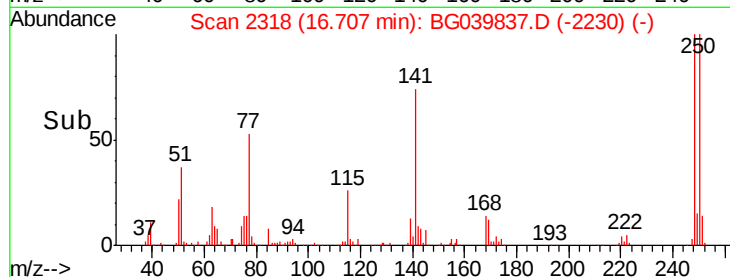
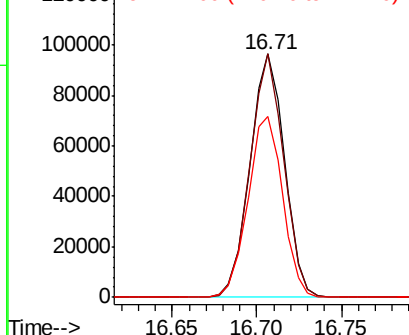


Abundance

Ion 248.00 (247.70 to 248.70): E

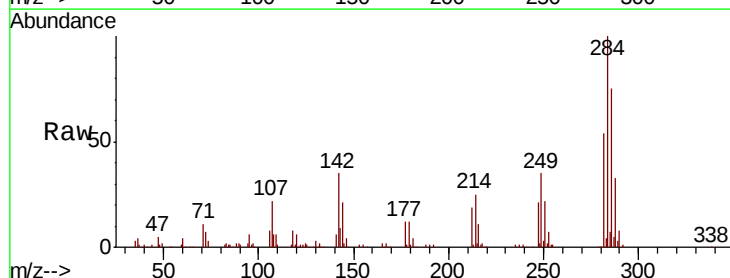
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.641 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	30.6	45.8
249	35.3	28.2	42.2

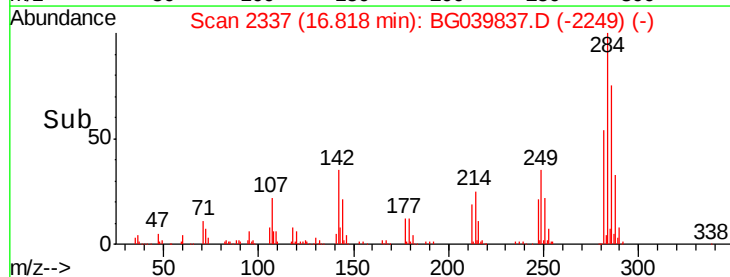
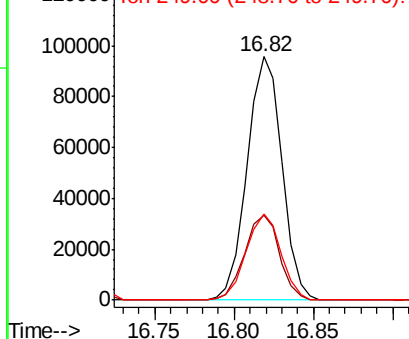


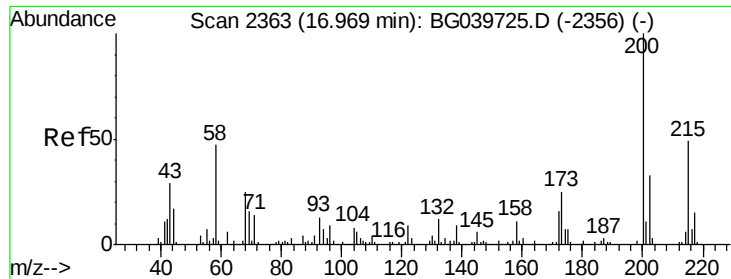
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





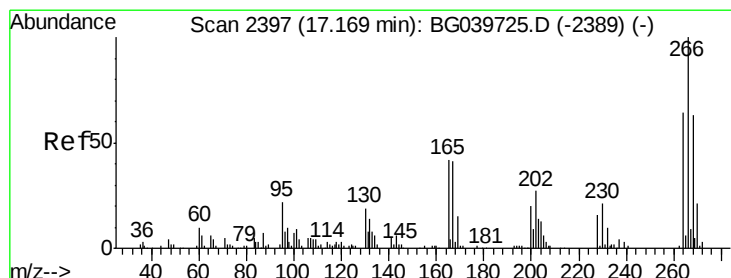
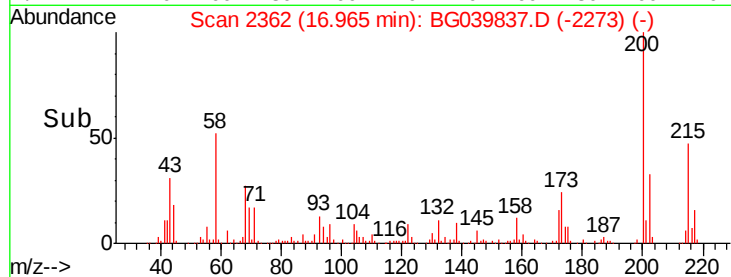
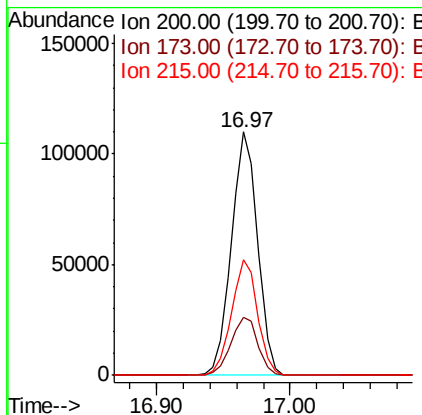
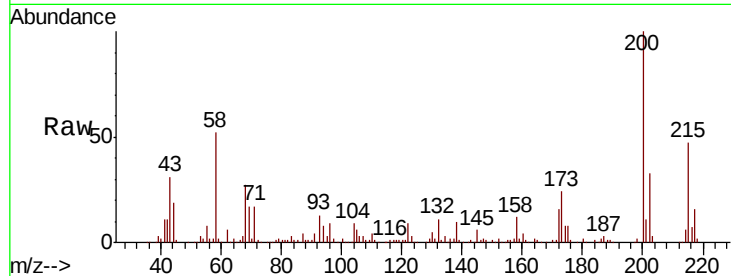
#69
 Atrazine
 Concen: 42.651 ng
 RT: 16.97 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Instrument :
 BNA_G
 ClientSampled :
 PB117735BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.6	3.9	43.9
215	47.3	30.9	70.9

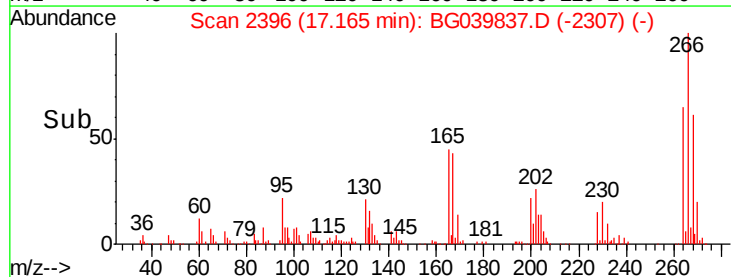
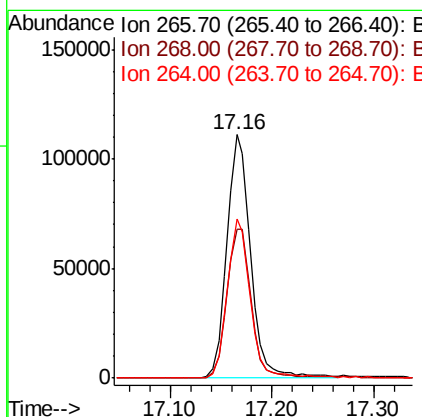
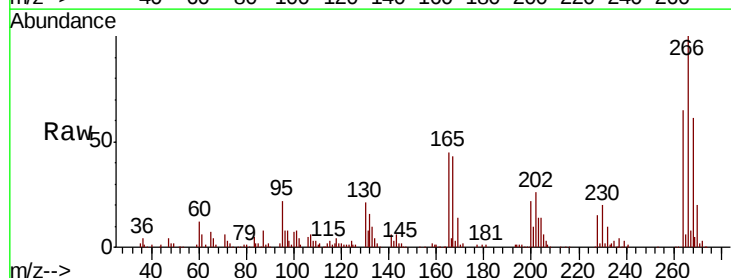
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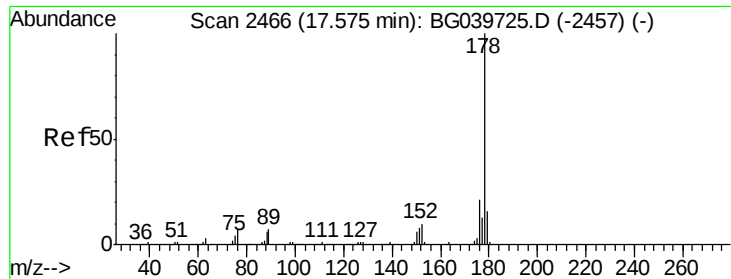
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#70
 Pentachlorophenol
 Concen: 79.703 ng
 RT: 17.16 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.3	51.1	76.7
264	65.3	52.1	78.1





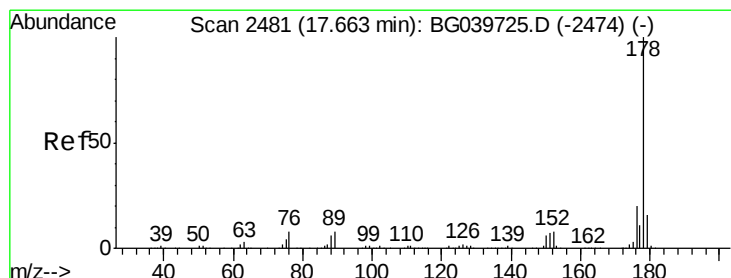
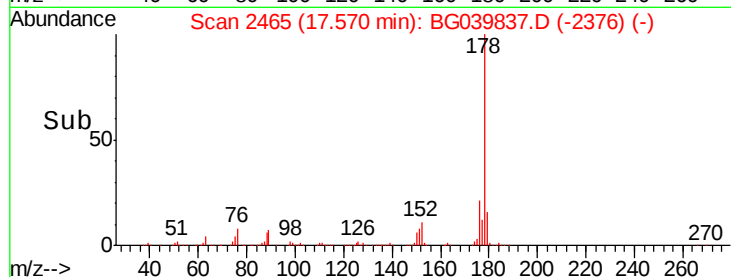
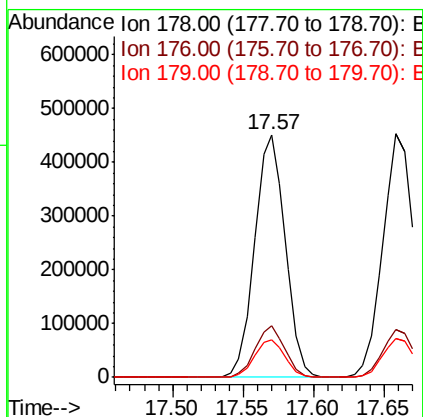
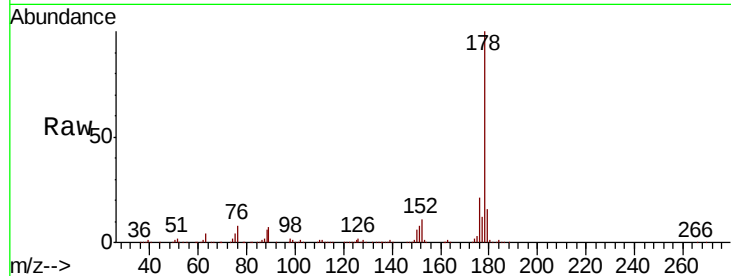
#71
Phenanthrene
Concen: 40.363 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.2	24.4
179	15.7	12.6	19.0

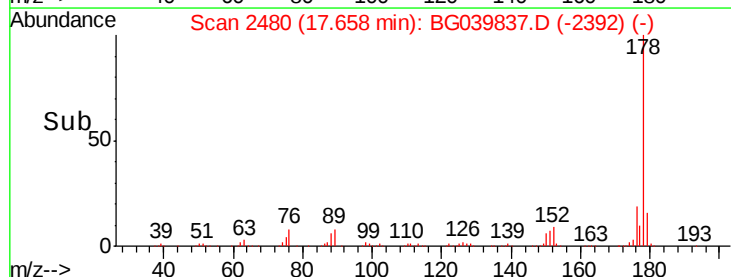
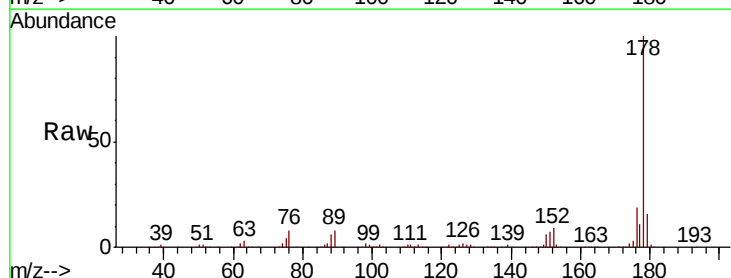
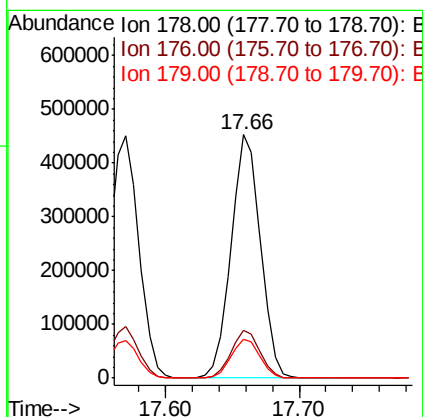
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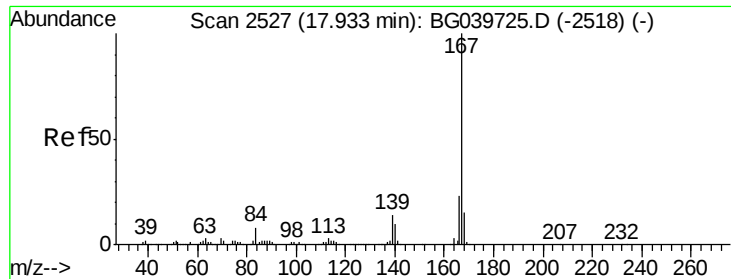
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#72
Anthracene
Concen: 41.663 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	16.2	12.5	18.7





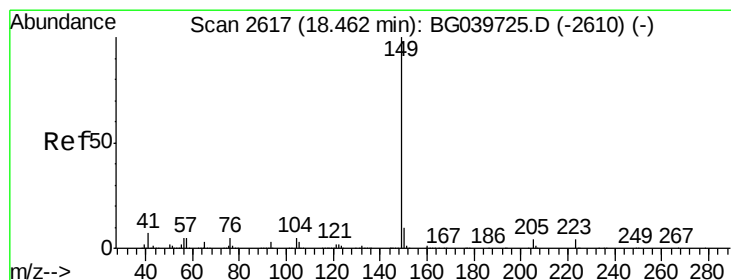
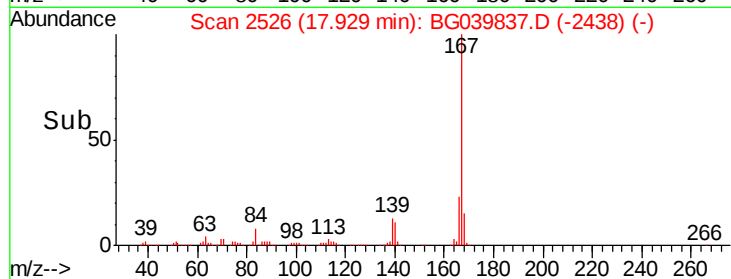
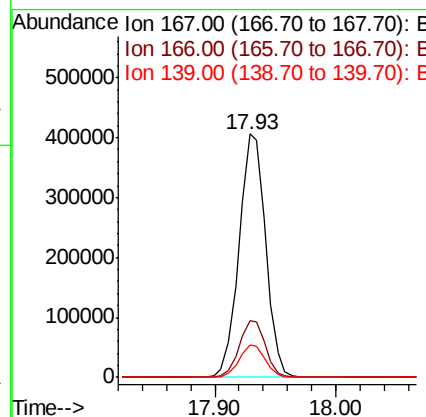
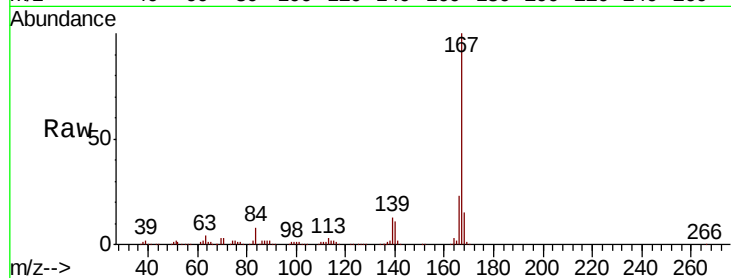
#73
 Carbazole
 Concen: 41.600 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :
 PB117735BS

Tot Ion:	167	Resp:	623301
Ion Ratio	Lower	Upper	
167	100		
166	23.1	19.4	29.2
139	13.1	10.8	16.2

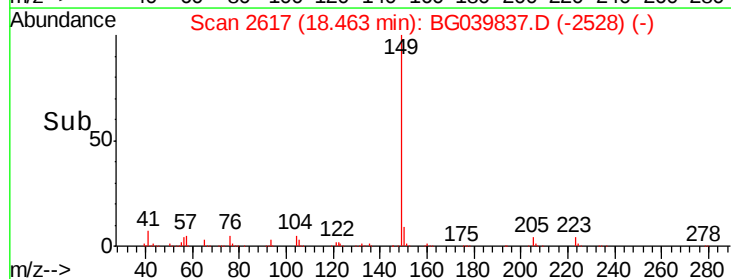
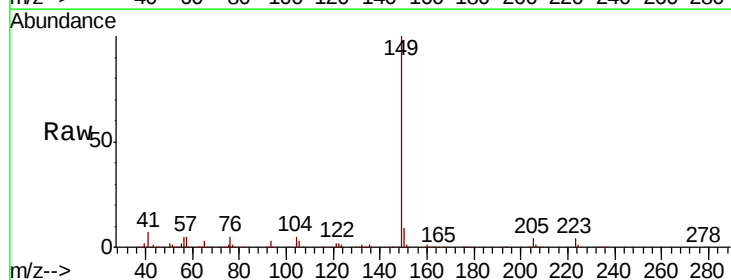
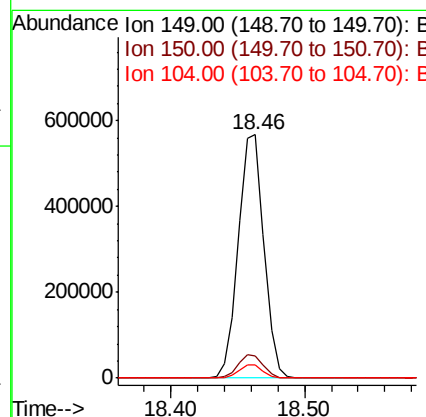
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#74
 Di-n-butylphthalate
 Concen: 43.006 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Tgt Ion:	149	Resp:	758139
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 41.967 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

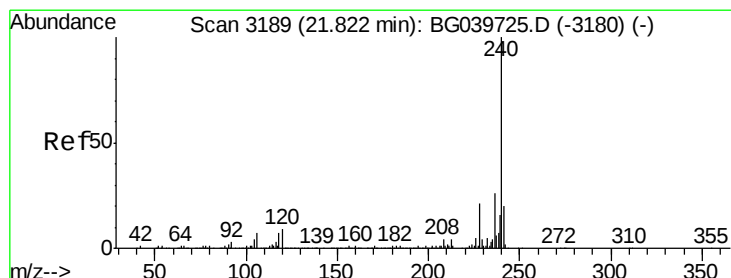
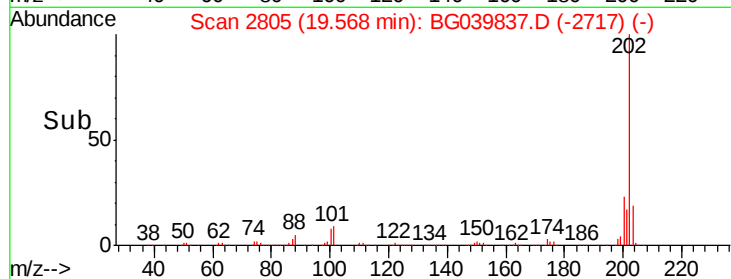
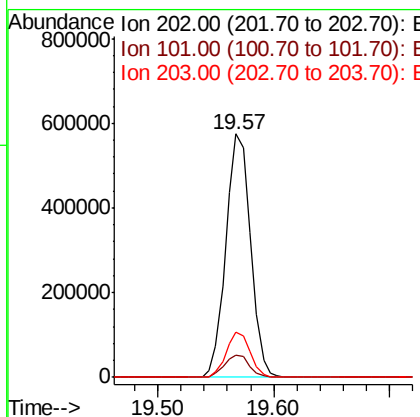
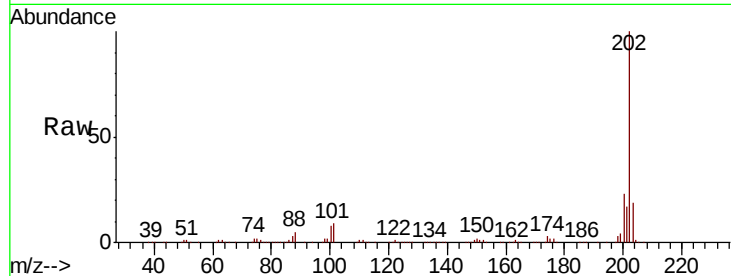
ClientSampleId :

PB117735BS

Tot Ion:	202	Resp:	845891
Ion Ratio		Lower	Upper
202	100		
101	9.3	0.0	30.0
203	18.6	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

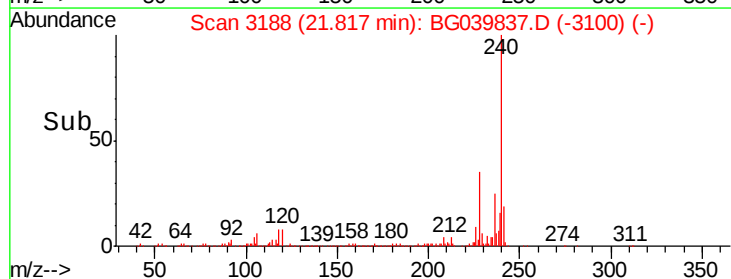
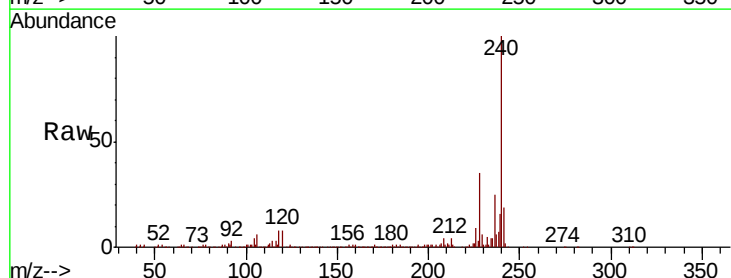
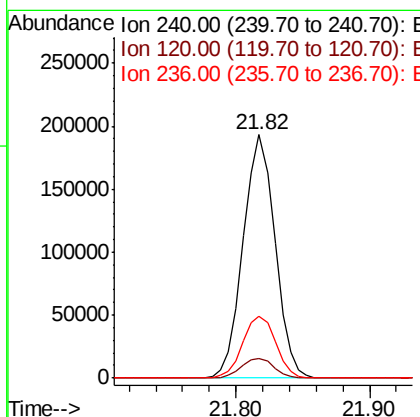
RT: 21.82 min Scan# 3188

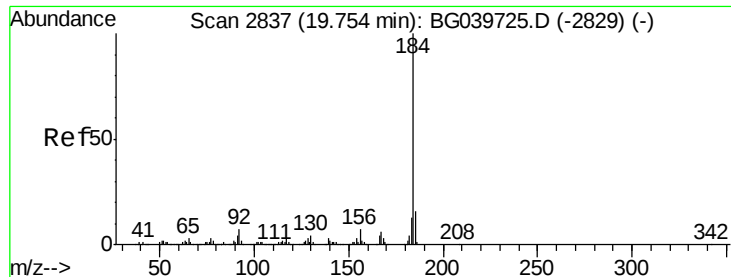
Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Tgt Ion:	240	Resp:	318387
Ion Ratio		Lower	Upper
240	100		
120	7.8	7.0	10.6
236	25.5	21.0	31.4





#77

Benzidine

Concen: 30.534 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

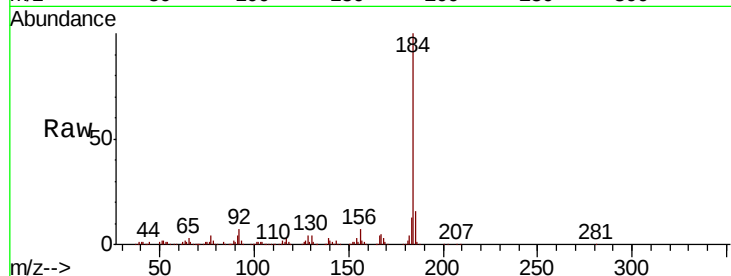
ClientSampleId :

PB117735BS

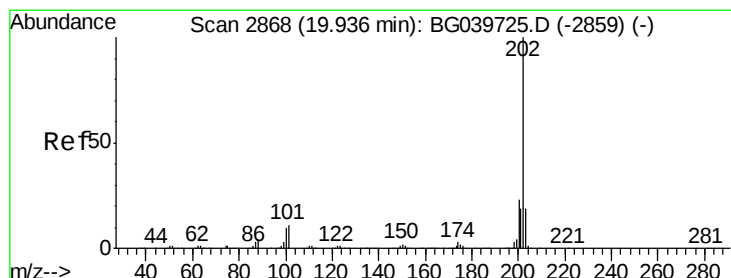
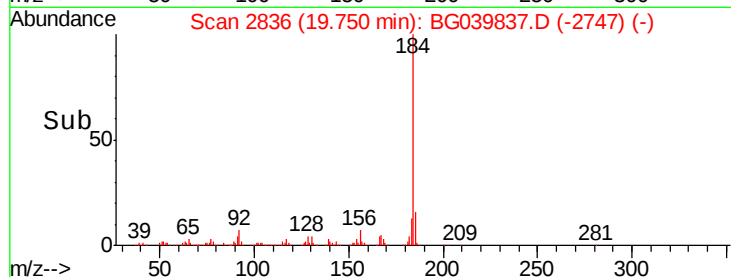
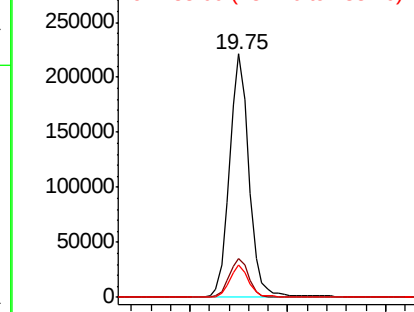
Tot Ion:	184	Resp:	308495
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.2	18.2
183	13.4	10.6	15.8

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



#78

Pyrene

Concen: 40.774 ng

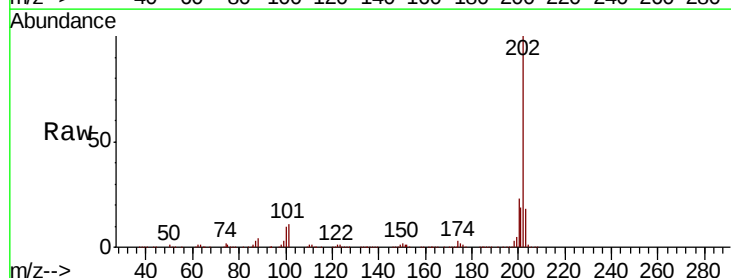
RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

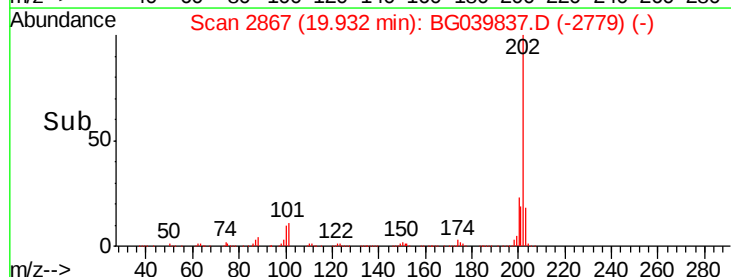
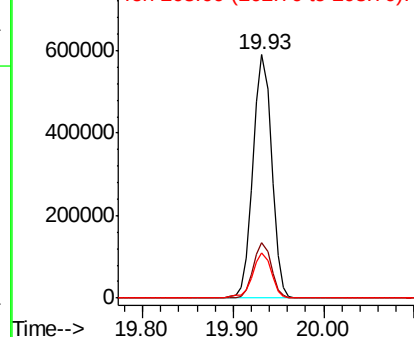
Lab File: BG039837.D

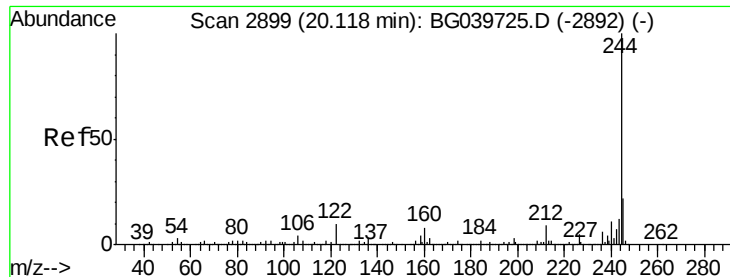
Acq: 11 Mar 2019 11:58

Tgt Ion:	202	Resp:	843578
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.8	26.8
203	18.4	15.3	22.9



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





#79

Terphenyl-d14

Concen: 77.921 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampled :

PB117735BS

Tot Ion:244 Resp: 1126752

Ion Ratio Lower Upper

244 100

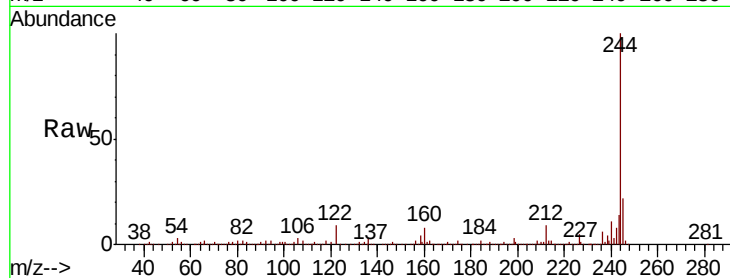
212 9.1 7.3 10.9

122 8.8 8.4 12.6

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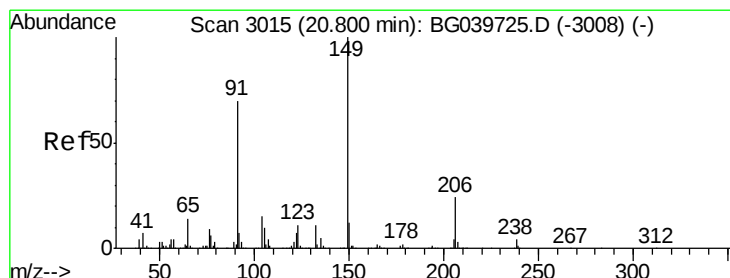
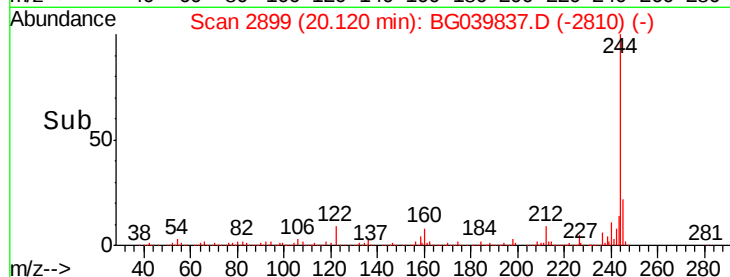
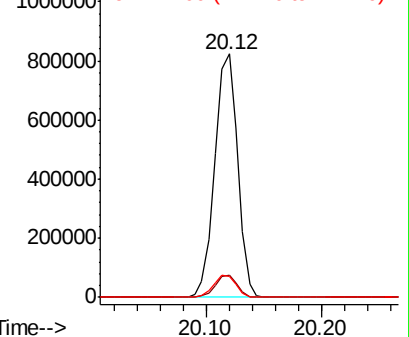
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.566 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

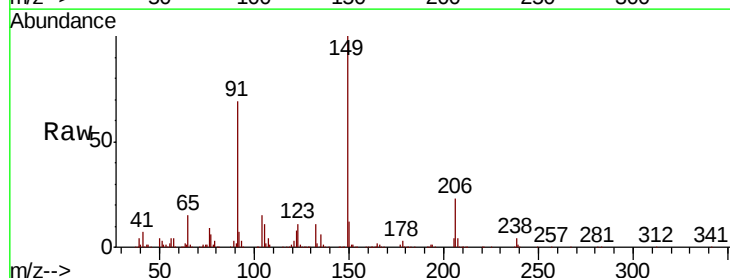
Tgt Ion:149 Resp: 349205

Ion Ratio Lower Upper

149 100

91 69.4 59.5 89.3

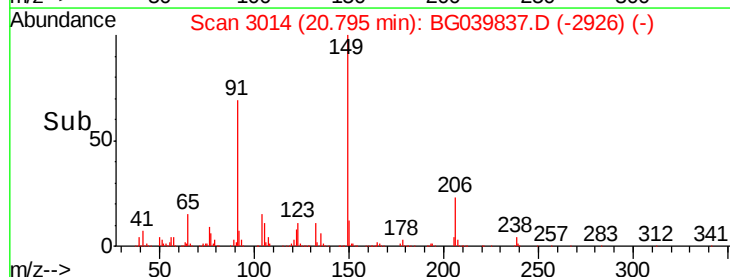
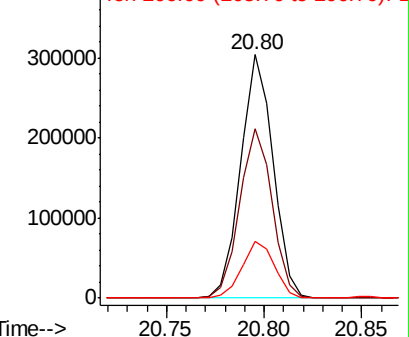
206 23.1 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





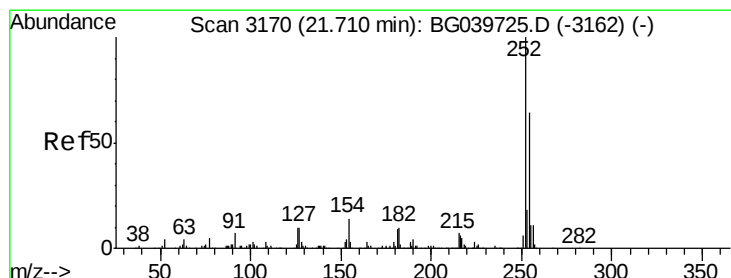
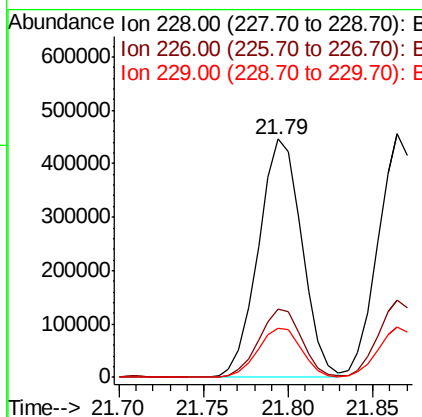
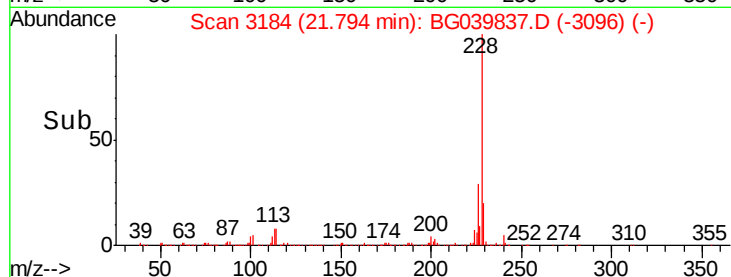
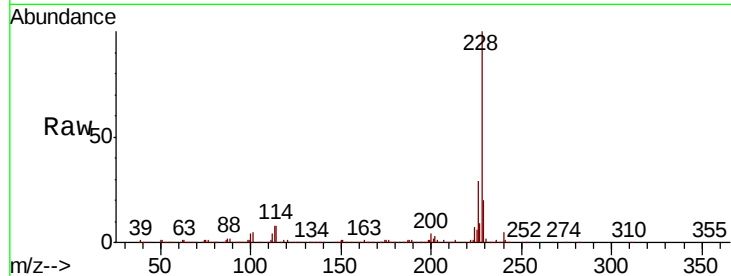
#81
Benzo(a)anthracene
Concen: 39.759 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	20.4	16.9	25.3

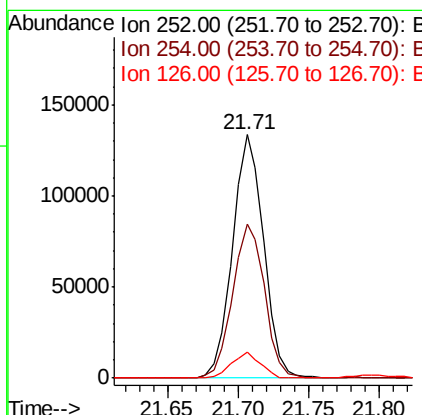
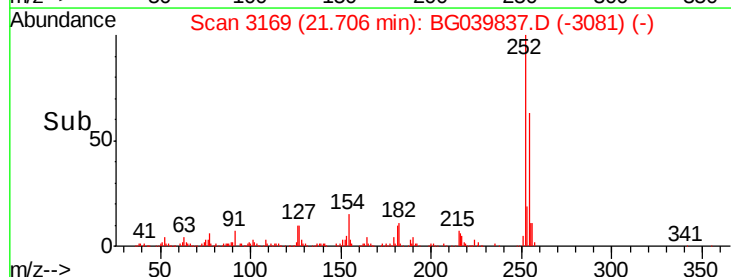
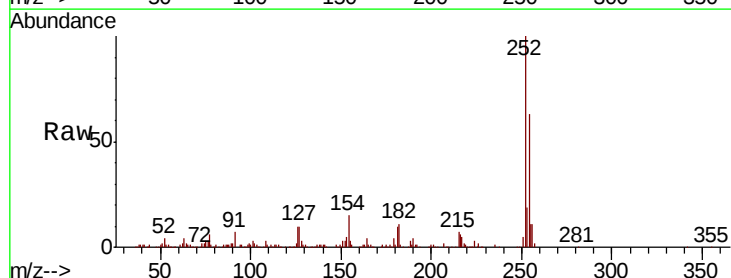
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#82
3,3'-Dichlorobenzidine
Concen: 28.171 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.3	76.9
126	10.5	8.0	12.0





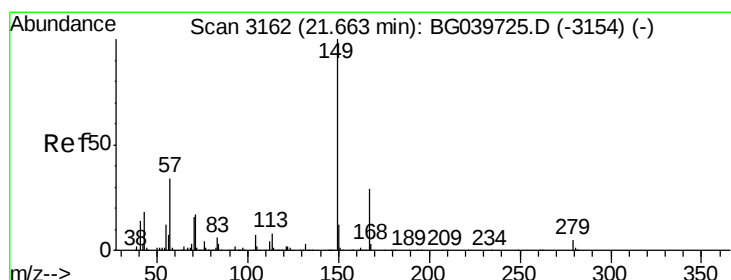
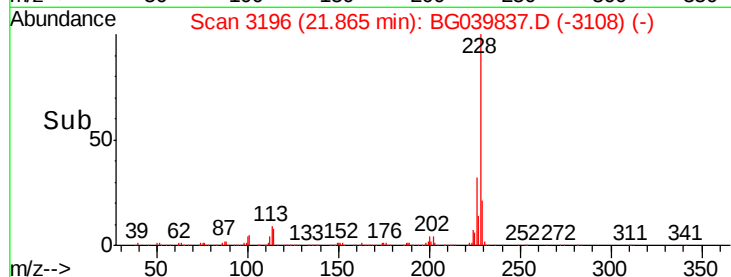
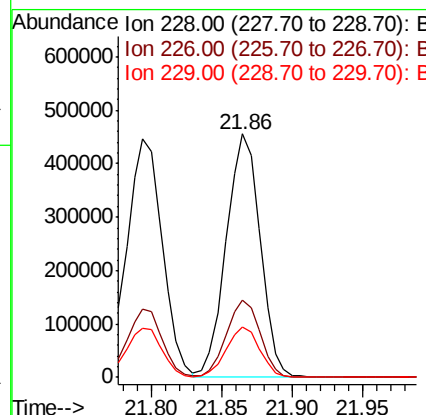
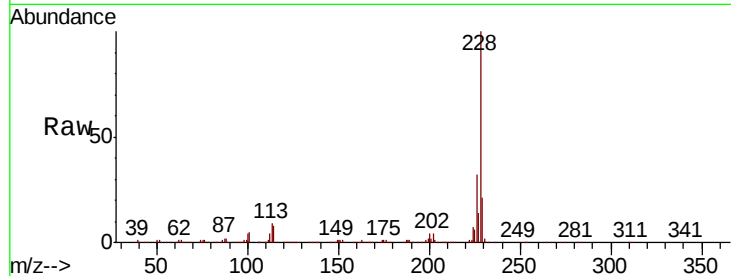
#83
Chrysene
Concen: 39.313 ng
RT: 21.86 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.8	38.6
229	20.6	16.6	25.0

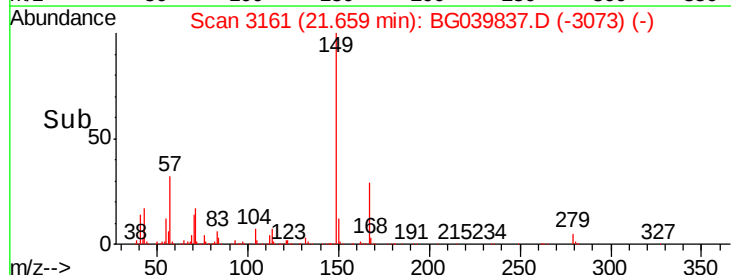
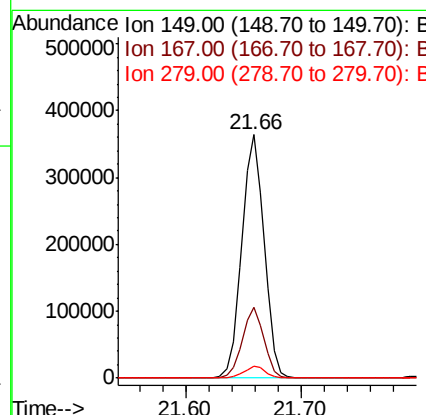
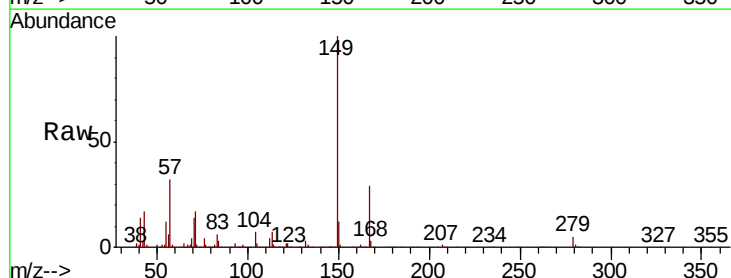
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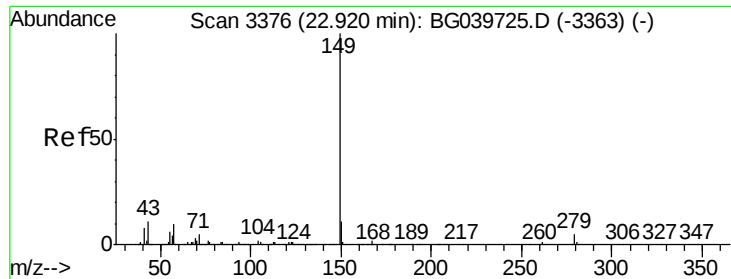
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.117 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.6	34.0
279	4.7	3.5	5.3





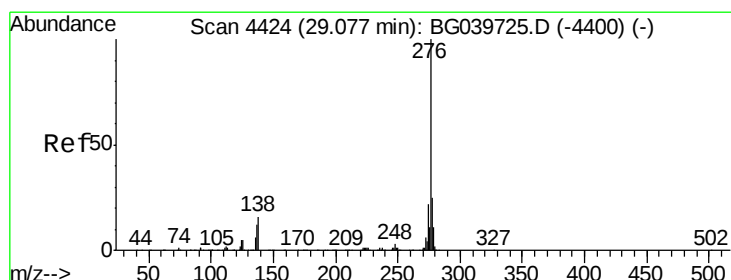
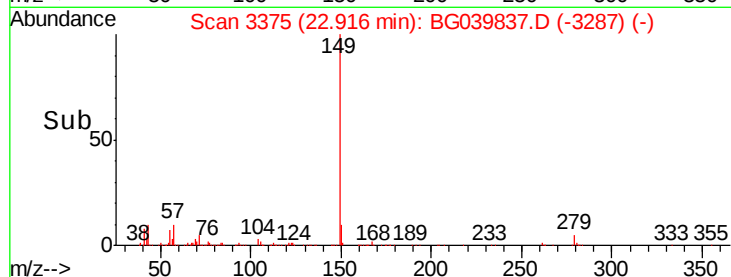
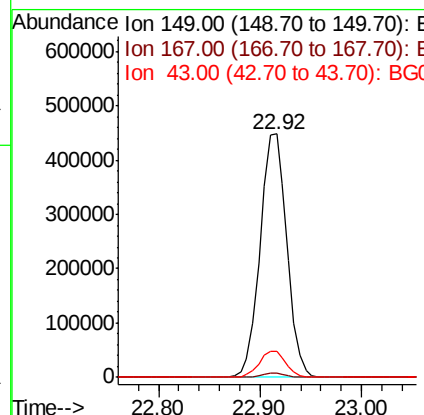
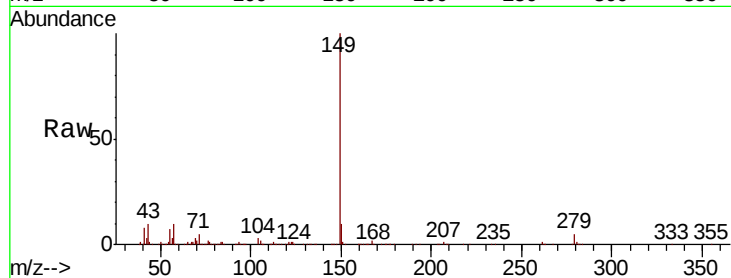
#85
Di-n-octyl phthalate
Concen: 44.192 ng
RT: 22.92 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

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

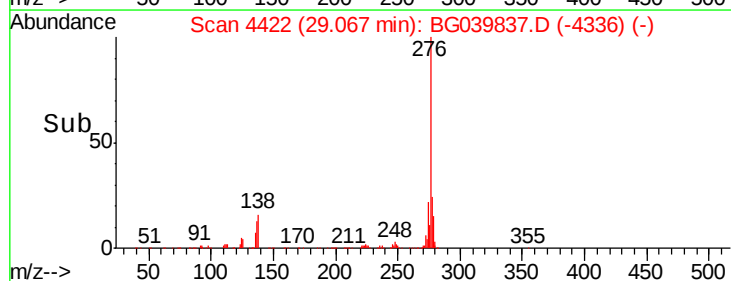
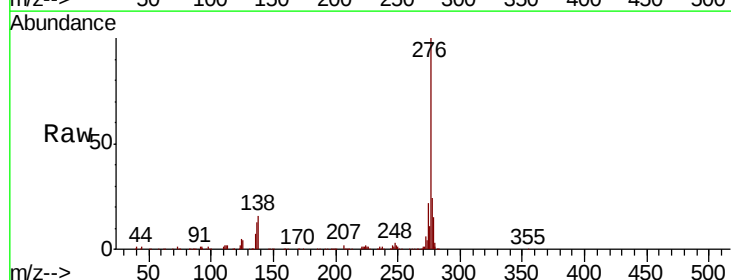
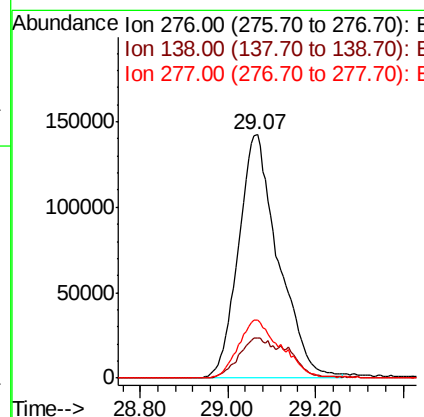
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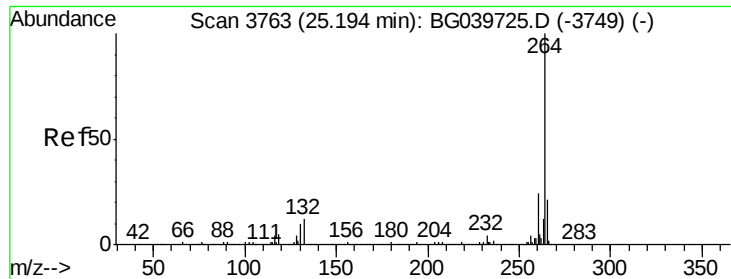
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.150 ng
RT: 29.07 min Scan# 4422
Delta R.T. -0.02 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.6	12.6	19.0
277	25.3	20.8	31.2





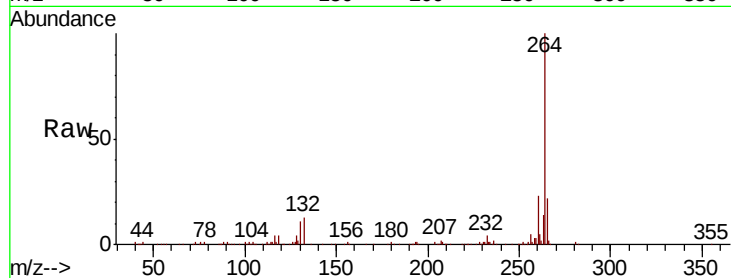
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampled :
PB117735BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.8	18.5	27.7

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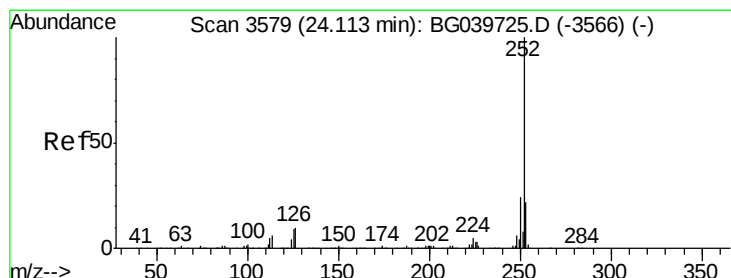
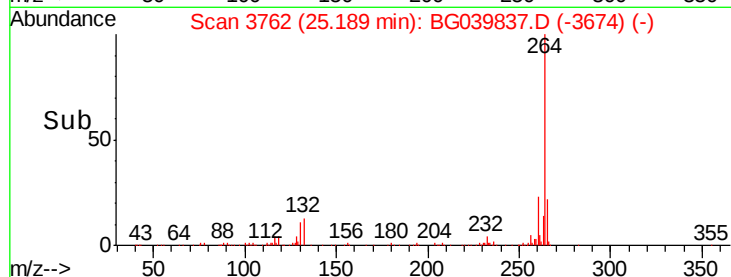
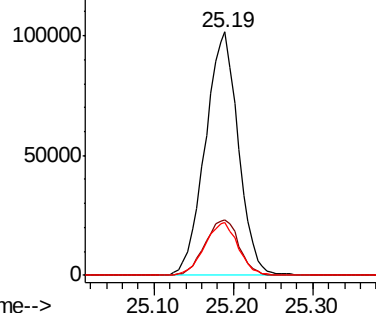


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 45.993 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.02 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

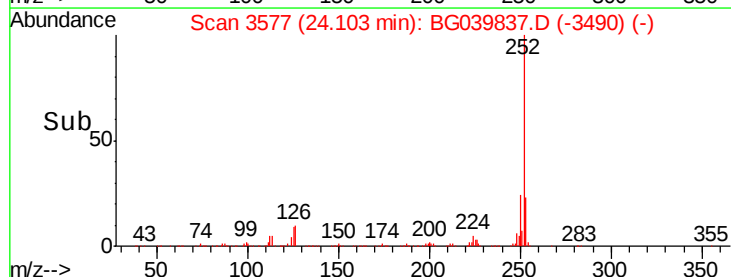
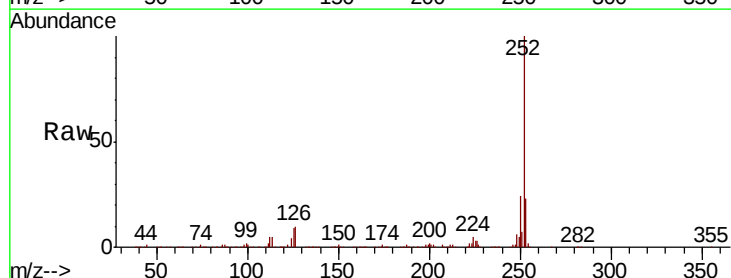
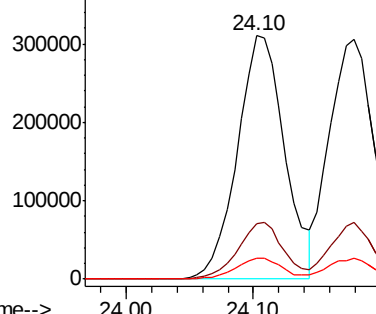
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	8.8	7.8	11.6

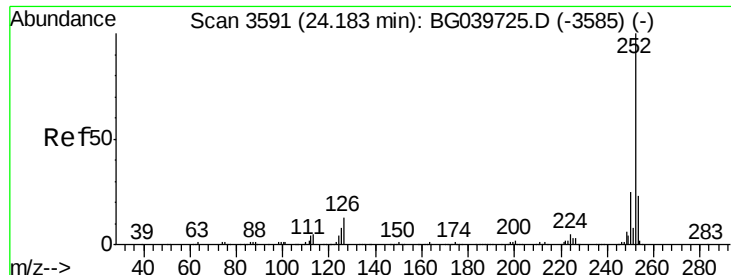
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





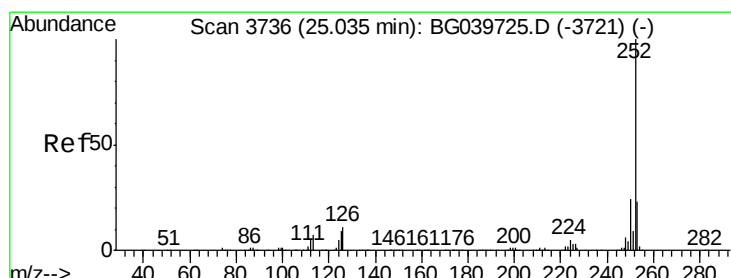
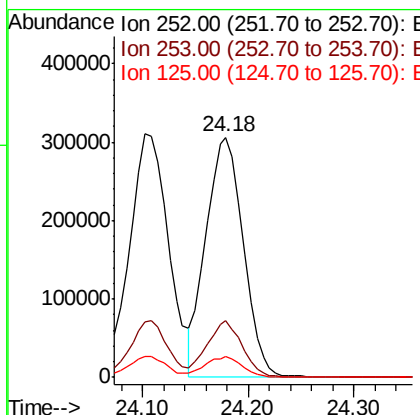
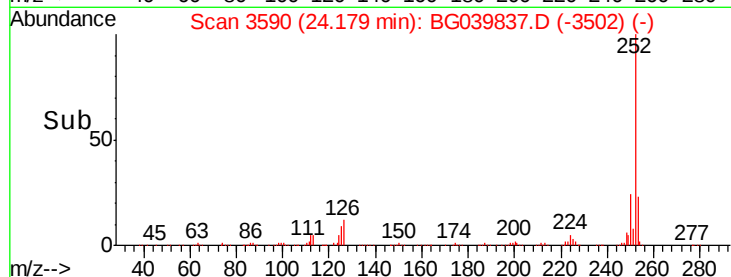
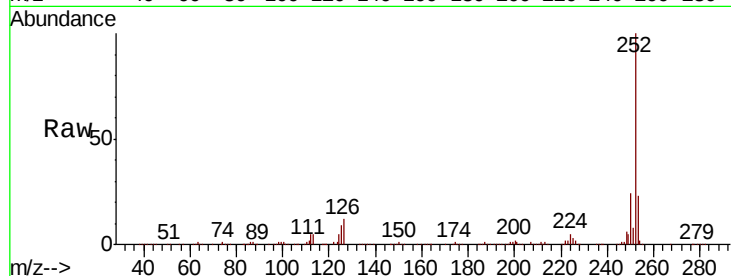
#89
Benzo(k)fluoranthene
Concen: 46.193 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	8.8	7.4	11.2

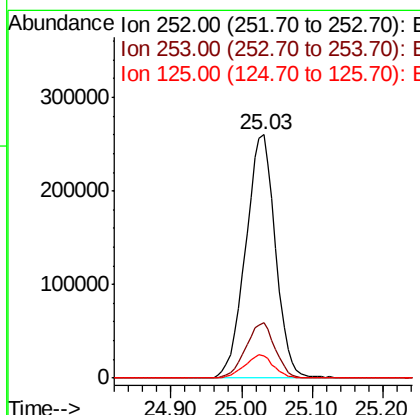
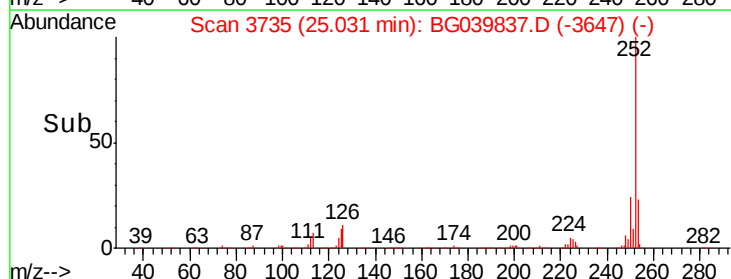
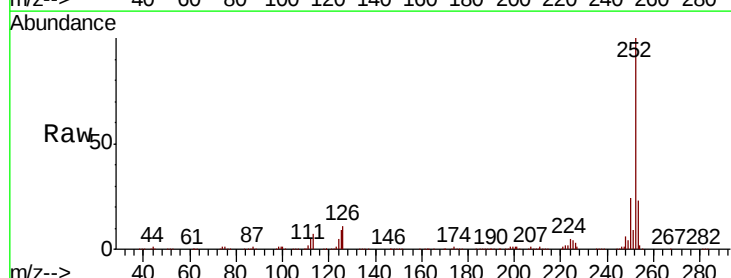
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#90
Benzo(a)pyrene
Concen: 47.201 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.3	8.3	12.5





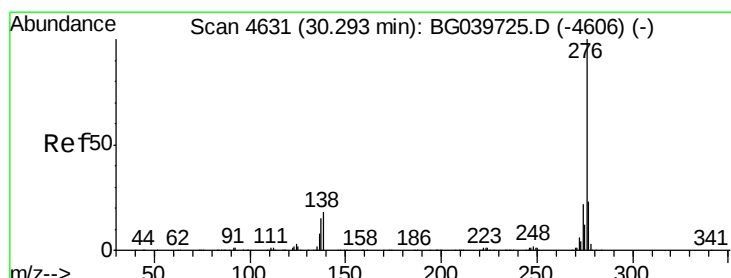
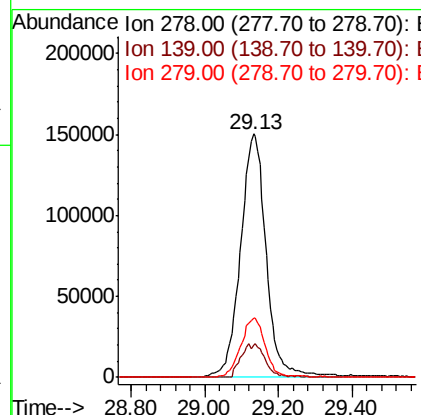
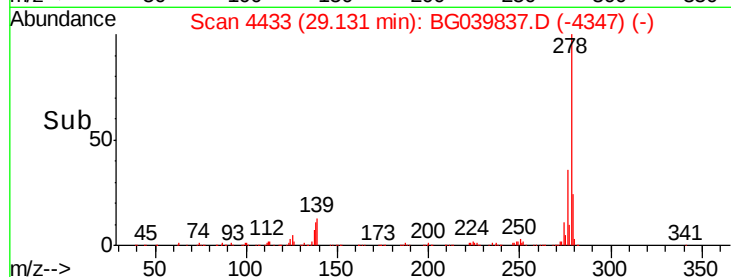
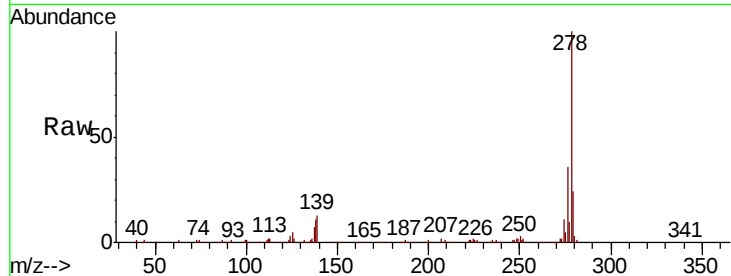
#91
Dibenzo(a,h)anthracene
Concen: 46.060 ng
RT: 29.13 min Scan# 4433
Delta R.T. -0.02 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.7	17.5
279	24.1	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 45.967 ng
RT: 30.29 min Scan# 4630
Delta R.T. -0.02 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	16.3	14.7	22.1

