

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
 Data File : BG039797.D
 Acq On : 6 Mar 2019 21:24
 Operator : JU/SJ
 Sample : PB117669BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

Manual Integrations
 APPROVED

Sohil
 3/7/2019 3:42:51 PM

Quant Time: Mar 07 01:07:25 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	43053	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	194565	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	137732	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	335295	20.00	ng	-0.01
76) Chrysene-d12	21.82	240	324169	20.00	ng	-0.01
87) Perylene-d12	25.18	264	334832	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	327765	129.88	ng	-0.01
7) Phenol-d6	7.30	99	491539	130.63	ng	-0.01
23) Nitrobenzene-d5	9.33	82	284873	79.19	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	200721	125.03	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	722559	74.70	ng	-0.01
79) Terphenyl-d14	20.12	244	1138424	77.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	33703	28.928	ng	97
3) Pyridine	3.99	79	96675	30.994	ng	98
4) n-Nitrosodimethylamine	3.91	42	54545	36.862	ng	# 98
6) Aniline	7.48	93	103921	21.080	ng	98
8) 2-Chlorophenol	7.71	128	119280	38.960	ng	97
9) Benzaldehyde	7.30	77	54709	22.539	ng	95
10) Phenol	7.33	94	164001	40.232	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	109398	34.421	ng	97
12) 1,3-Dichlorobenzene	8.04	146	119728	34.577	ng	95
13) 1,4-Dichlorobenzene	8.19	146	122151	34.633	ng	99
14) 1,2-Dichlorobenzene	8.51	146	117328	34.430	ng	99
15) Benzyl Alcohol	8.39	79	117097	39.230	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	220755	34.729	ng	99
17) 2-Methylphenol	8.59	107	108361	41.689	ng	96
18) Hexachloroethane	9.24	117	43677	34.513	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	97361	35.948	ng	91
20) 3+4-Methylphenols	8.92	107	150512	41.682	ng	95
22) Acetophenone	8.98	105	181177	34.695	ng	# 95
24) Nitrobenzene	9.38	77	141076	37.381	ng	97
25) Isophorone	9.89	82	274044	36.356	ng	98
26) 2-Nitrophenol	10.09	139	71774	39.390	ng	97
27) 2,4-Dimethylphenol	10.13	122	128540	45.357	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	167606	36.589	ng	99
29) 2,4-Dichlorophenol	10.62	162	138103	43.283	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	129560	36.085	ng	95
31) Naphthalene	11.03	128	378560	36.748	ng	100
32) Benzoic acid	10.26	122	75833	40.213	ng	92
33) 4-Chloroaniline	11.14	127	63384	14.510	ng	97
34) Hexachlorobutadiene	11.29	225	85758	34.954	ng	99
35) Caprolactam	11.92	113	48605m	39.878	ng	
36) 4-Chloro-3-methylphenol	12.24	107	150506	41.149	ng	97
37) 2-Methylnaphthalene	12.62	142	295236	38.334	ng	97
38) 1-Methylnaphthalene	12.84	142	284094	37.958	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	161516	34.615	ng	98

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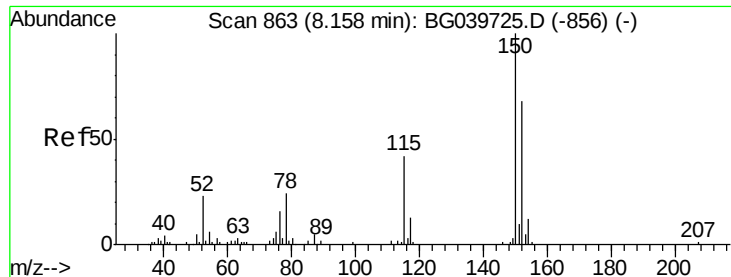
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	206818	82.709	nq	98
43) 2,4,6-Trichlorophenol	13.22	196	118843	43.505	nq	98
44) 2,4,5-Trichlorophenol	13.29	196	126778	41.173	nq	98
46) 1,1'-Biphenyl	13.62	154	400574	35.361	nq	99
47) 2-Chloronaphthalene	13.66	162	314513	36.905	nq	98
48) 2-Nitroaniline	13.88	65	111689	40.781	nq	94
49) Acenaphthylene	14.51	152	509331	36.407	nq	98
50) Dimethylphthalate	14.23	163	425094	36.910	nq	99
51) 2,6-Dinitrotoluene	14.36	165	93610	38.340	nq	97
52) Acenaphthene	14.84	154	308887	36.684	nq	99
53) 3-Nitroaniline	14.69	138	54149	22.063	nq #	95
54) 2,4-Dinitrophenol	14.90	184	53392	37.654	nq	95
55) Dibenzofuran	15.18	168	508917	36.838	nq	98
56) 4-Nitrophenol	14.99	139	162585	74.053	nq	93
57) 2,4-Dinitrotoluene	15.14	165	135402	39.468	nq	87
58) Fluorene	15.83	166	404893	37.281	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	127708	42.468	nq	97
60) Diethylphthalate	15.58	149	434501	38.111	nq	98
61) 4-Chlorophenyl-phenylether	15.81	204	214232	36.966	nq	99
62) 4-Nitroaniline	15.86	138	102058	38.357	nq	94
63) Azobenzene	16.10	77	391405	37.873	nq	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	63821	32.192	nq	92
66) n-Nitrosodiphenylamine	16.03	169	376572	38.794	nq	99
67) 4-Bromophenyl-phenylether	16.71	248	141118	37.601	nq	95
68) Hexachlorobenzene	16.82	284	143975	37.009	nq	98
69) Atrazine	16.97	200	139192	36.435	nq	99
70) Pentachlorophenol	17.17	266	169975	69.182	nq	98
71) Phenanthrene	17.57	178	692990	37.523	nq	99
72) Anthracene	17.66	178	697711	38.768	nq	98
73) Carbazole	17.93	167	606078	37.355	nq	98
74) Di-n-butylphthalate	18.46	149	738882	38.706	nq	98
75) Fluoranthene	19.57	202	817417	37.451	nq	99
77) Benzidine	19.75	184	275718	26.803	nq	99
78) Pyrene	19.93	202	809906	38.449	nq	99
80) Butylbenzylphthalate	20.80	149	337103	41.307	nq	97
81) Benzo(a)anthracene	21.79	228	770926	37.946	nq	100
82) 3,3'-Dichlorobenzidine	21.71	252	135358	18.249	nq	97
83) Chrysene	21.86	228	726648	36.892	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	467901	40.800	nq	99
85) Di-n-octyl phthalate	22.92	149	794559	41.844	nq	96
86) Indeno(1,2,3-cd)pyrene	29.06	276	858858	38.437	nq #	96
88) Benzo(b)fluoranthene	24.10	252	748774	37.501	nq	98
89) Benzo(k)fluoranthene	24.18	252	728129	39.176	nq	99
90) Benzo(a)pyrene	25.03	252	737996	39.999	nq	98
91) Dibenzo(a,h)anthracene	29.13	278	691515	38.231	nq	99
92) Benzo(g,h,i)perylene	30.28	276	709462	39.054	nq	99

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



#1

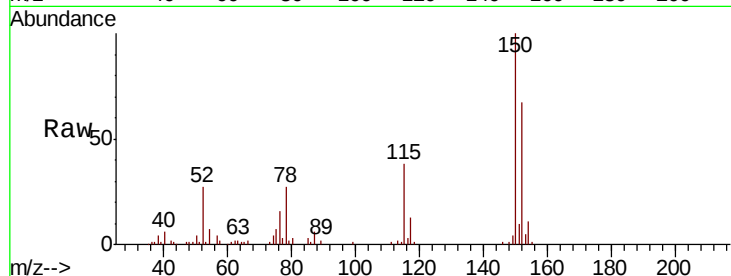
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	123.7	185.5
115	57.1	45.9	68.9

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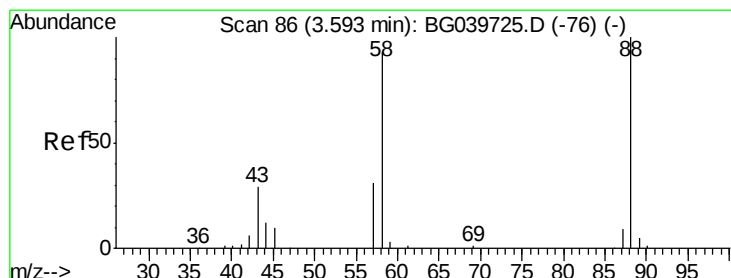
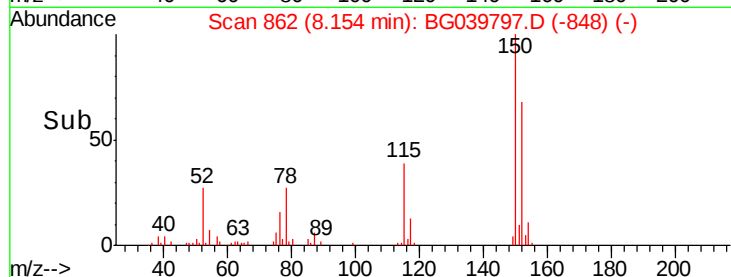
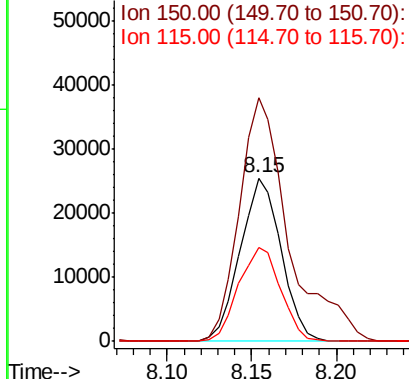


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

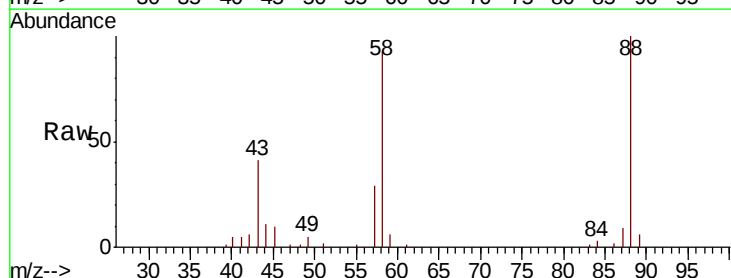
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.928 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.0	81.1	121.7
43	37.5	31.4	47.0

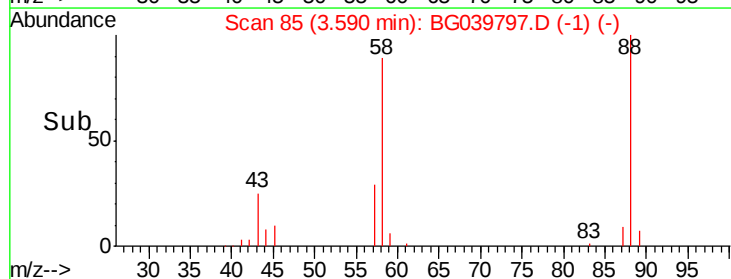
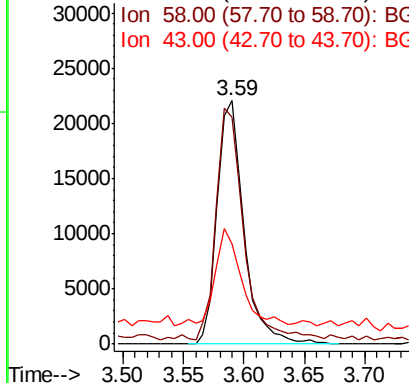


Abundance

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: 30.994 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

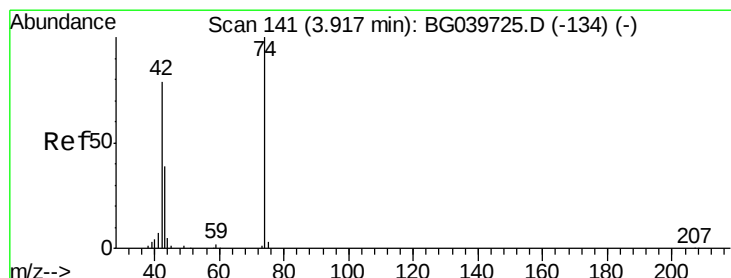
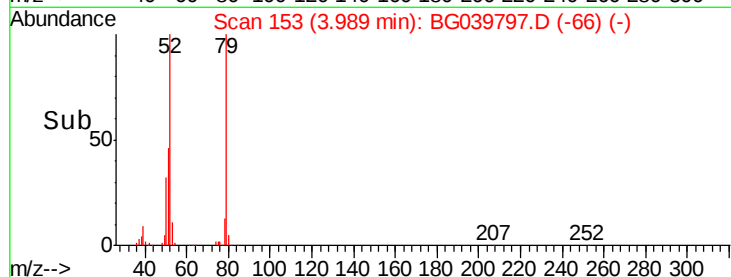
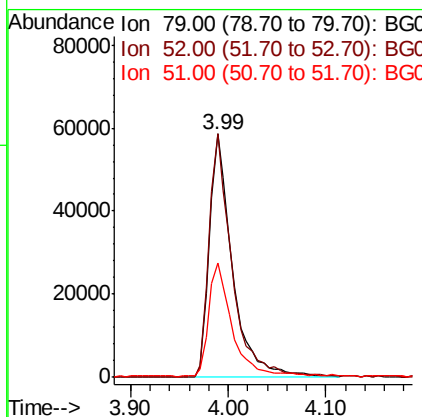
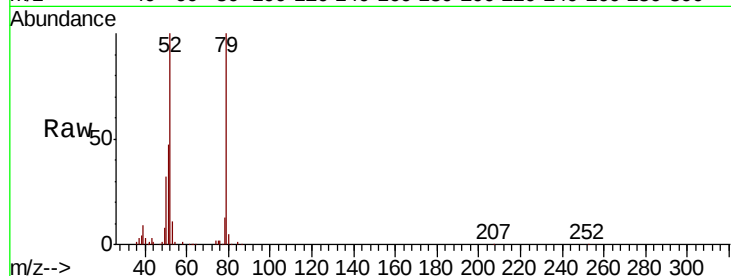
ClientSampleId :

PB117669BS

Tot Ion:	79	Resp:	96675
Ion	Ratio	Lower	Upper
79	100		
52	99.9	82.6	124.0
51	46.8	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 36.862 ng

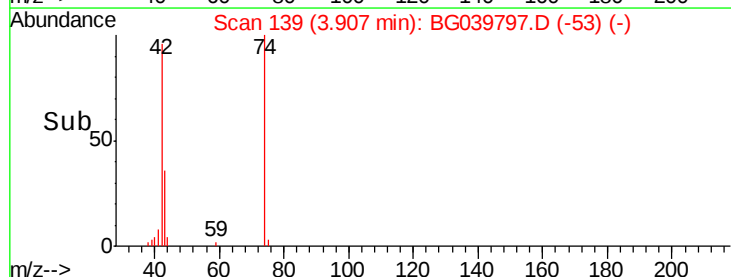
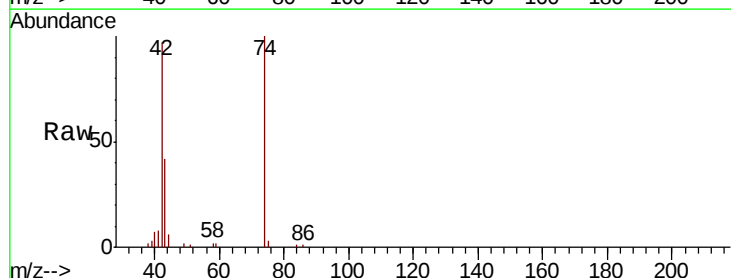
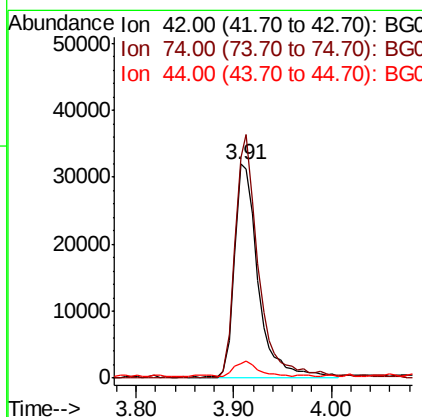
RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tgt Ion:	42	Resp:	54545
Ion	Ratio	Lower	Upper
42	100		
74	103.3	83.6	125.4
44	6.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 129.879 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

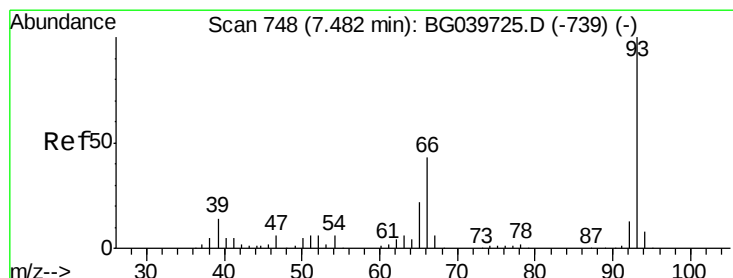
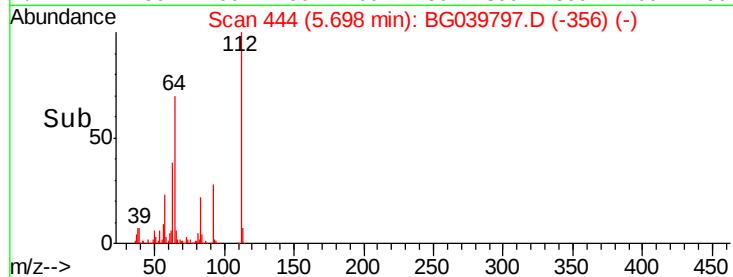
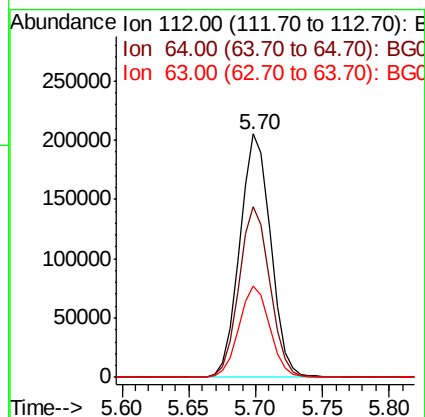
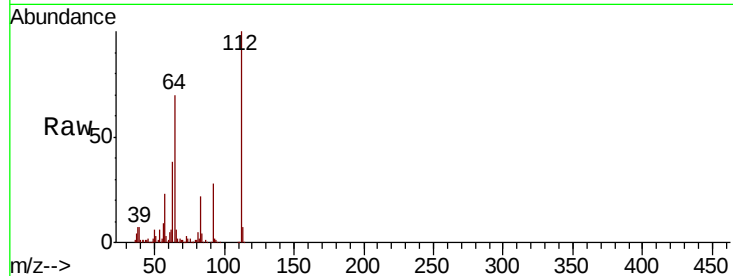
ClientSampled :

PB117669BS

Tot Ion:	112	Resp:	327765
Ion Ratio	Lower	Upper	
112	100		
64	69.9	57.8	86.8
63	37.7	29.8	44.6

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#6

Aniline

Concen: 21.080 ng

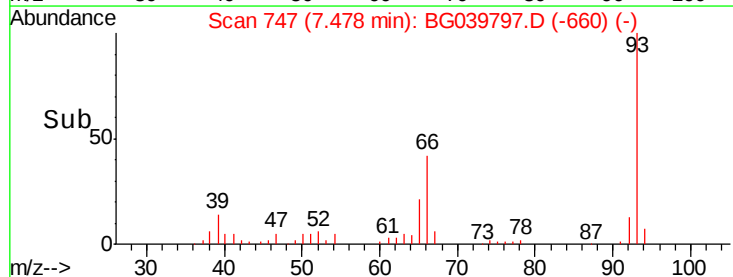
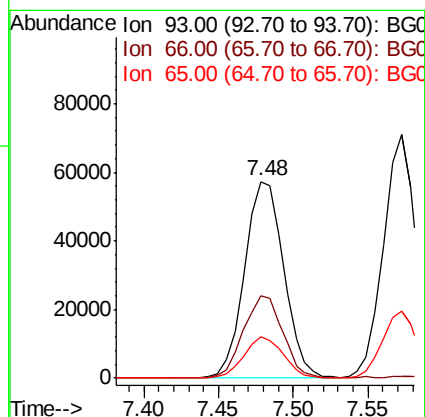
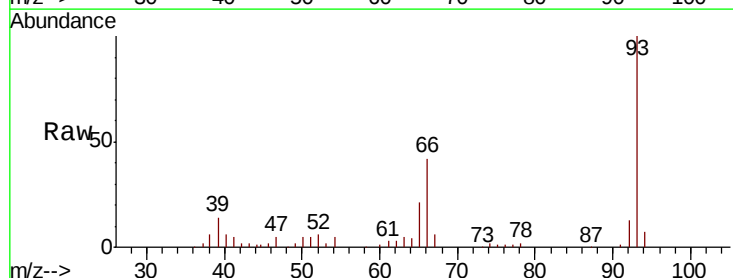
RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tgt Ion:	93	Resp:	103921
Ion Ratio	Lower	Upper	
93	100		
66	41.6	34.2	51.4
65	21.0	17.7	26.5





#7

Phenol-d6

Concen: 130.630 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

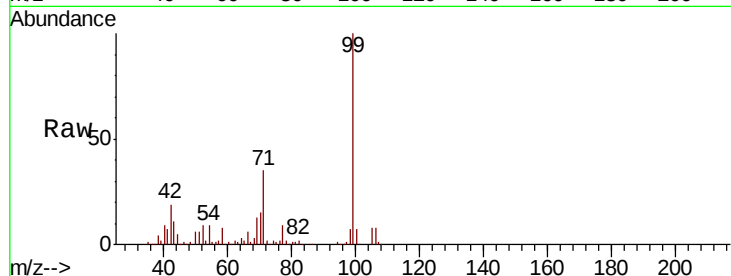
ClientSampleId :

PB117669BS

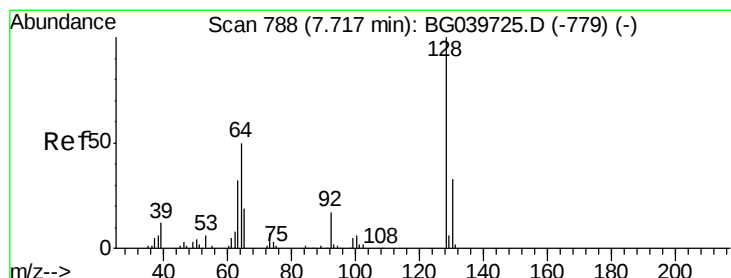
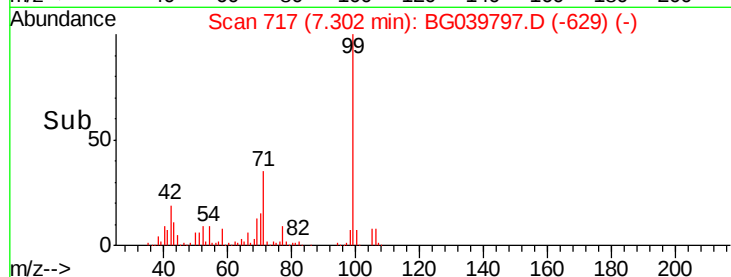
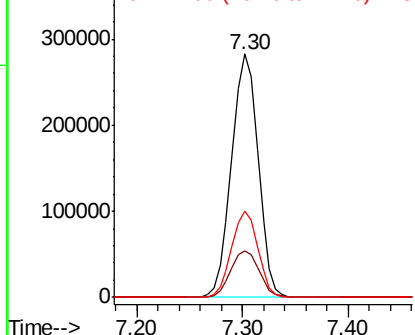
Tot Ion:	99	Resp:	491539
Ion Ratio	Lower	Upper	
99	100		
42	19.2	18.2	27.2
71	35.5	28.0	42.0

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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: 38.960 ng

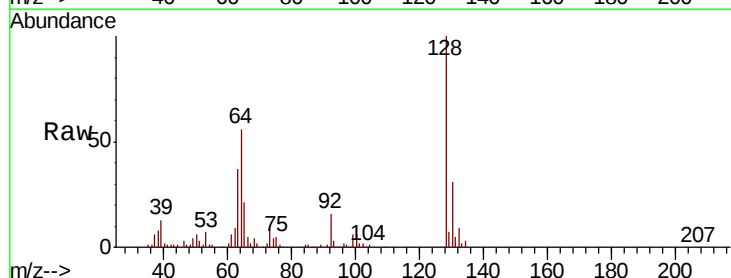
RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

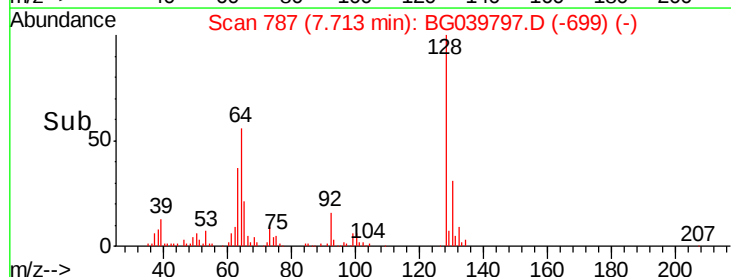
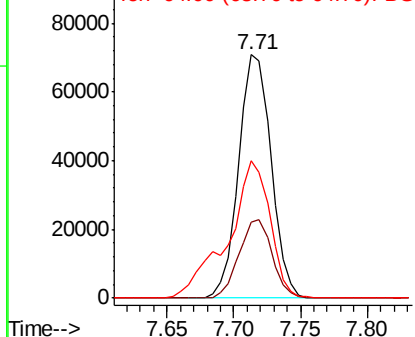
Lab File: BG039797.D

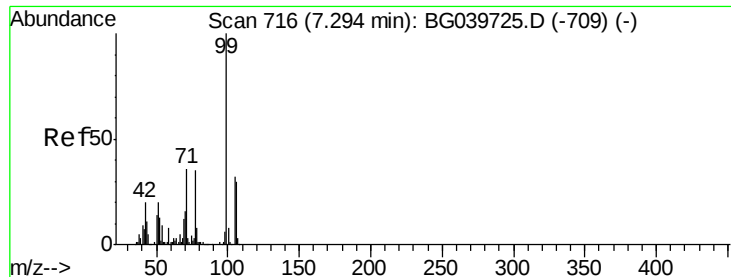
Acq: 6 Mar 2019 21:24

Tgt Ion:	128	Resp:	119280
Ion Ratio	Lower	Upper	
128	100		
130	31.4	12.9	52.9
64	56.3	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: 22.539 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB117669BS

Tot Ion: 77 Resp: 54709

Ion Ratio Lower Upper

77 100

105 87.6 74.5 114.5

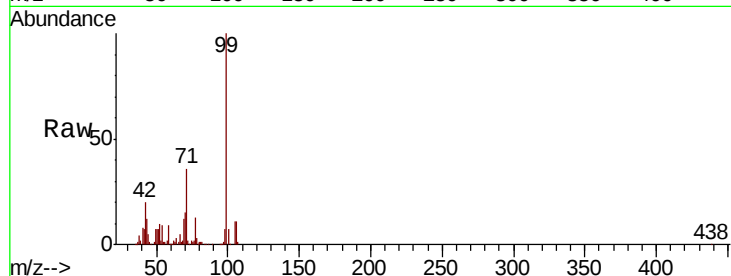
106 85.1 68.0 108.0

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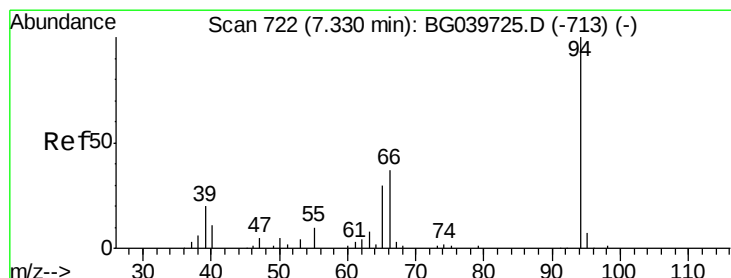
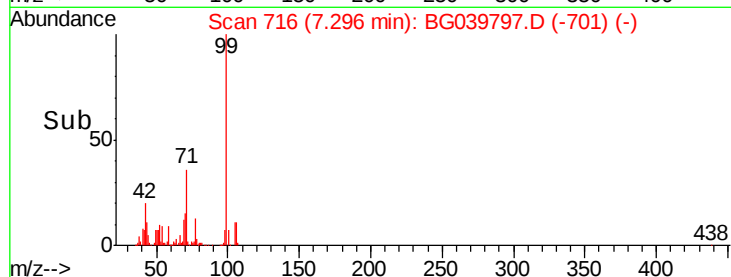
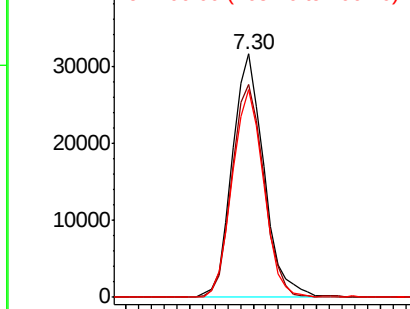
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.232 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

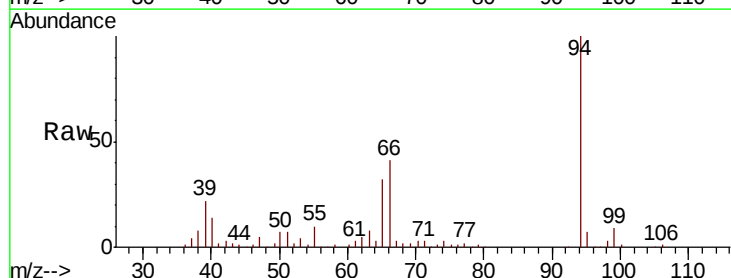
Tgt Ion: 94 Resp: 164001

Ion Ratio Lower Upper

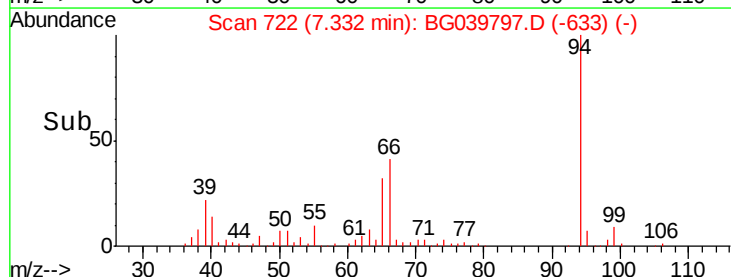
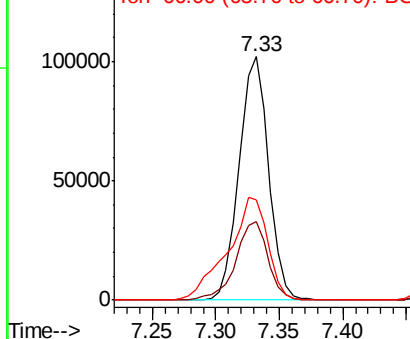
94 100

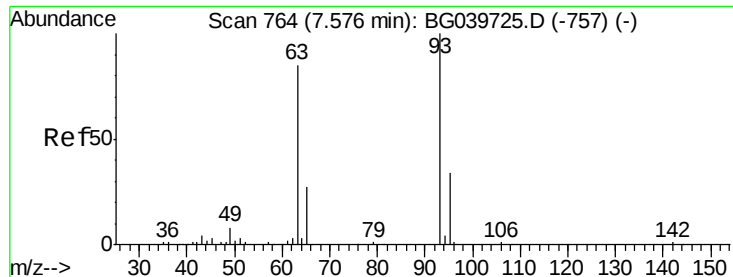
65 32.4 11.7 51.7

66 40.9 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: 34.421 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

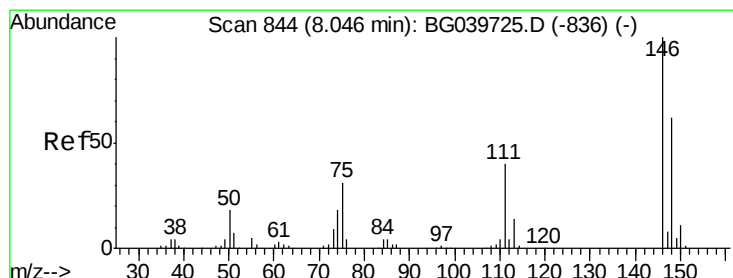
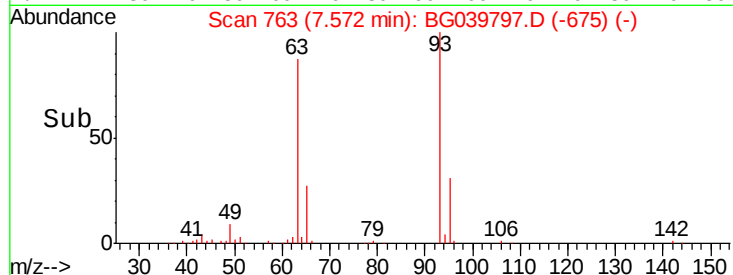
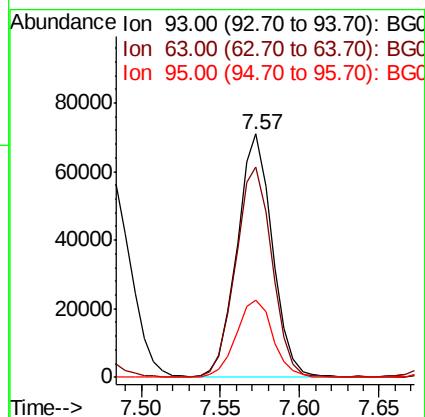
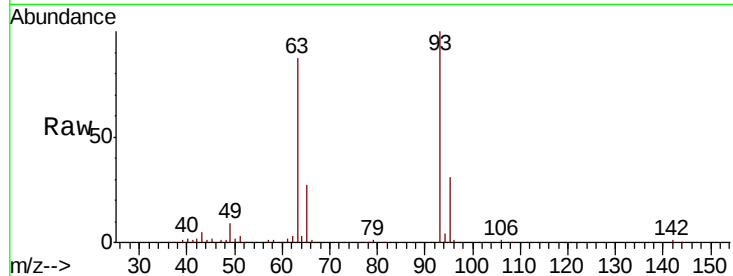
ClientSampleId :

PB117669BS

Tot Ion:	93	Resp:	109398
Ion Ratio	Lower	Upper	
93	100		
63	86.6	69.5	109.5
95	31.5	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 34.577 ng

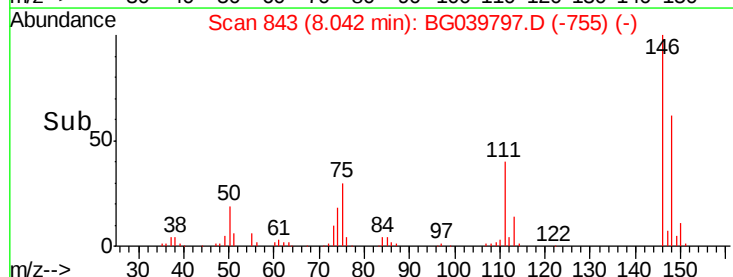
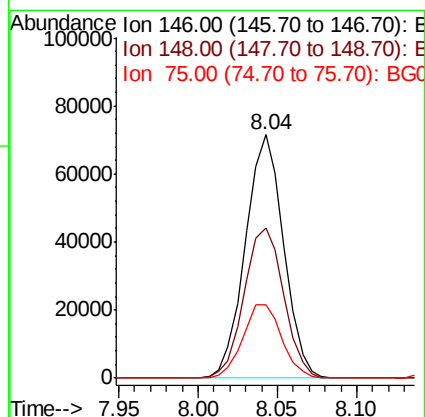
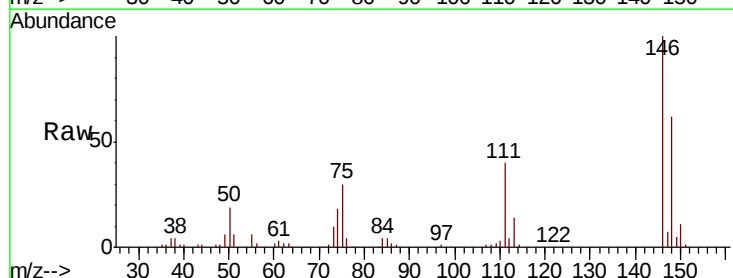
RT: 8.04 min Scan# 843

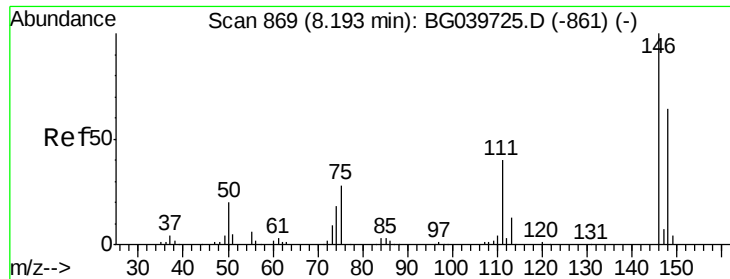
Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tgt Ion:	146	Resp:	119728
Ion Ratio	Lower	Upper	
146	100		
148	61.7	52.6	79.0
75	30.2	25.8	38.6





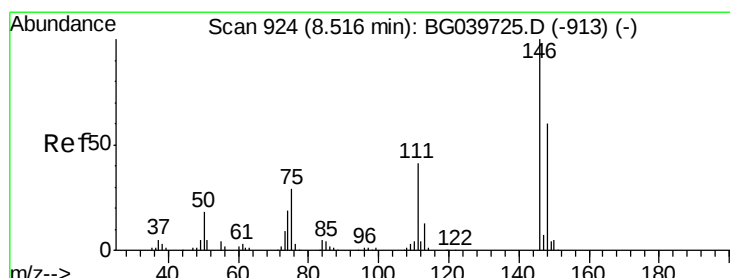
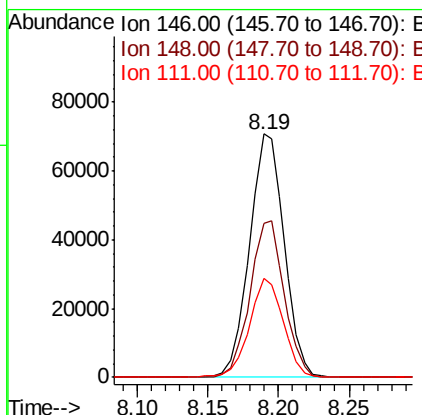
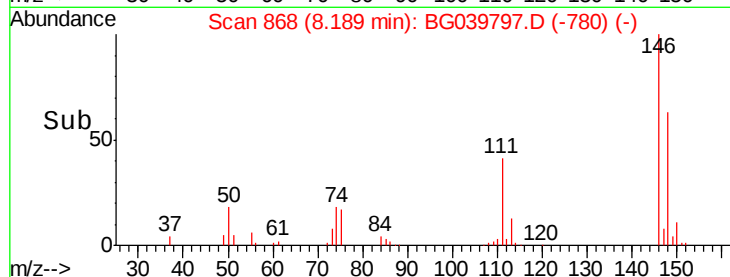
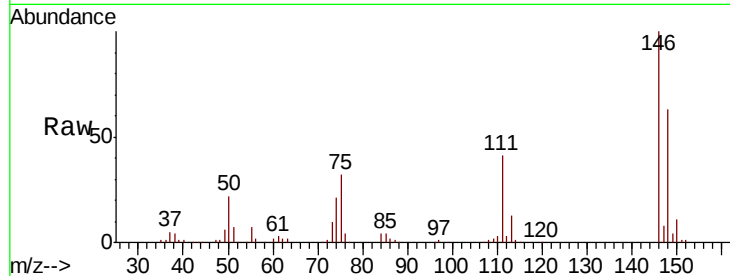
#13
 1,4-Dichlorobenzene
 Concen: 34.633 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
148	63.4	51.1	76.7		
111	40.8	32.6	48.8		

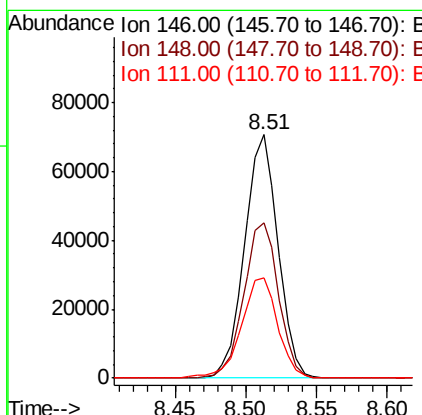
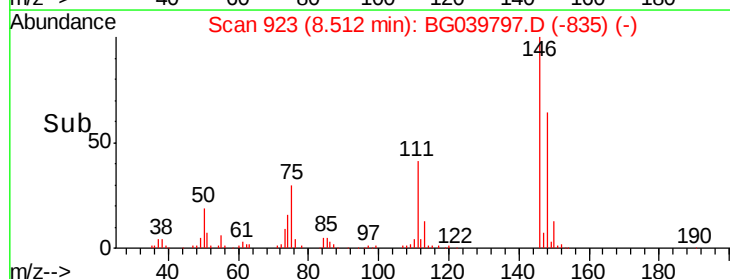
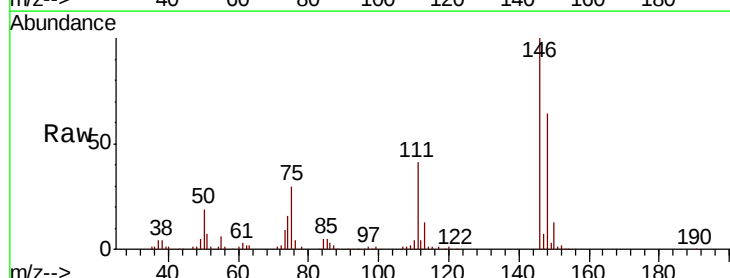
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#14
 1,2-Dichlorobenzene
 Concen: 34.430 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
148	63.7	51.5	77.3		
111	41.0	33.8	50.6		





#15

Benzyl Alcohol

Concen: 39.230 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

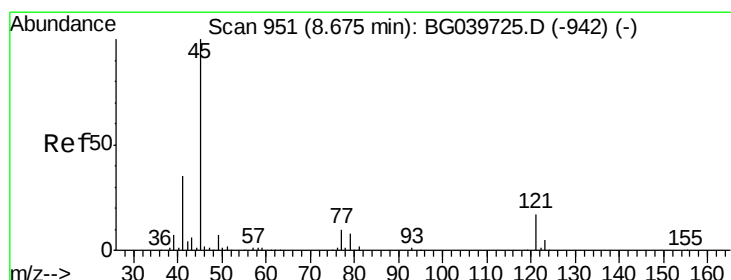
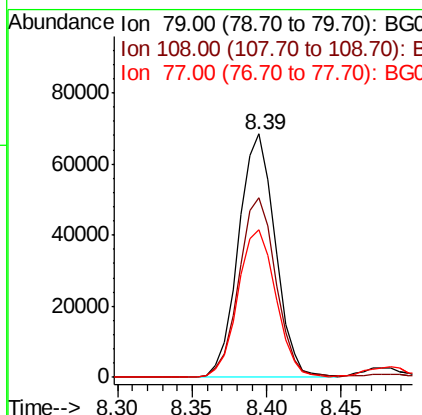
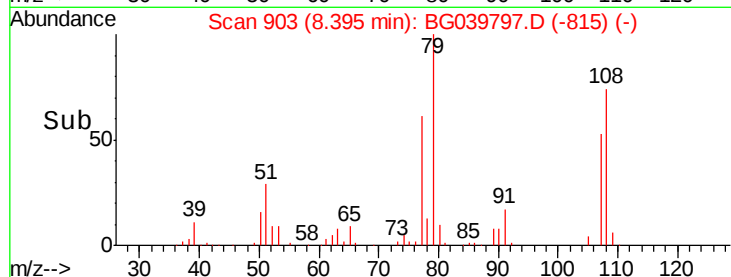
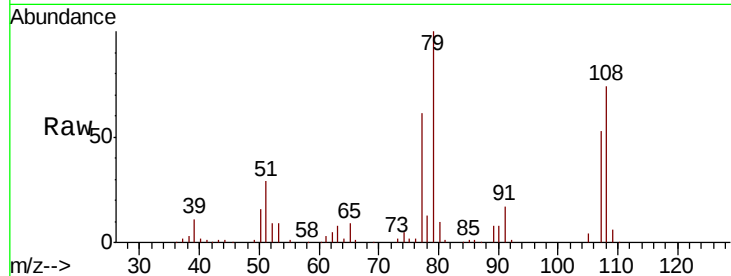
ClientSampleId :

PB117669BS

Tot Ion:	79	Resp:	117097
Ion Ratio	Lower	Upper	
79	100		
108	73.8	57.8	86.6
77	60.8	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.729 ng

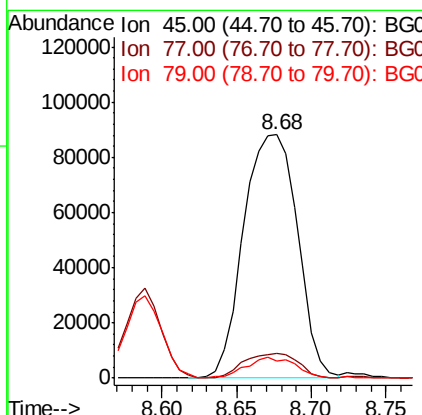
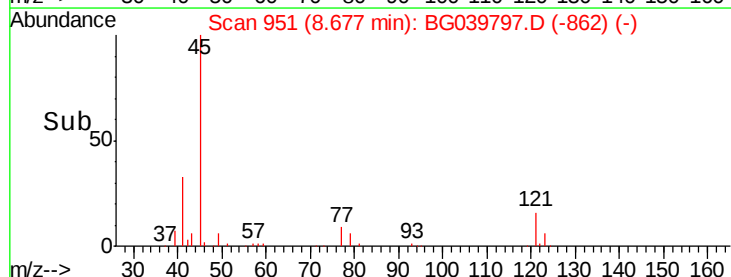
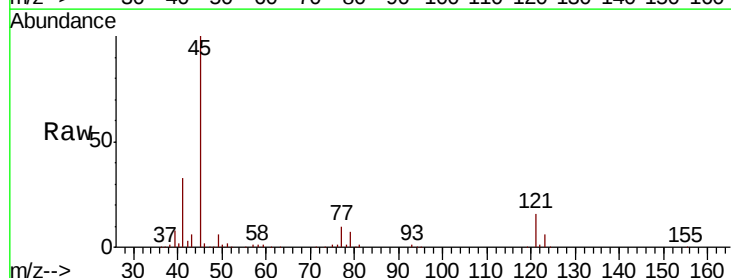
RT: 8.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tgt Ion:	45	Resp:	220755
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	30.0
79	7.1	0.0	27.5





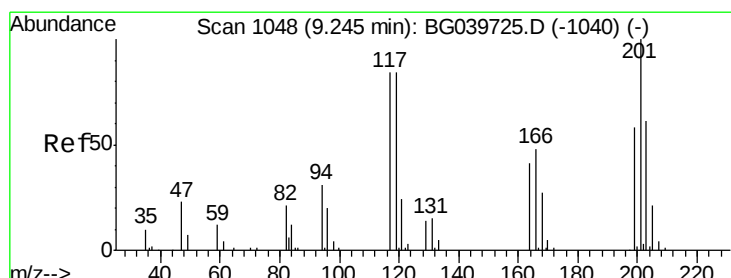
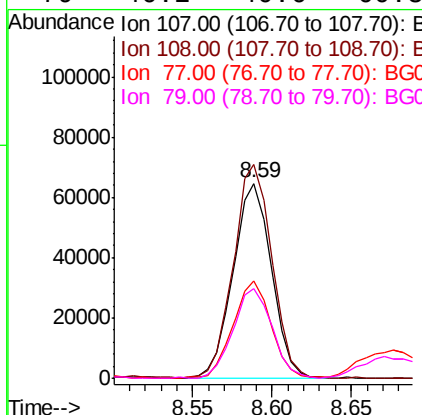
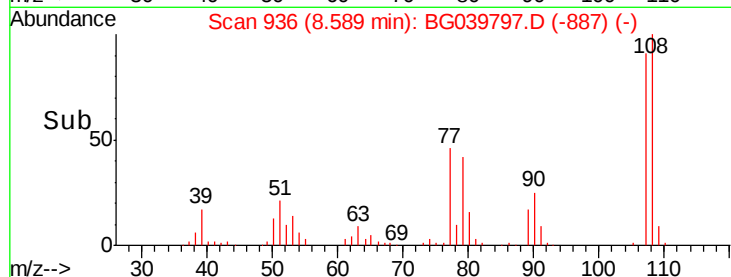
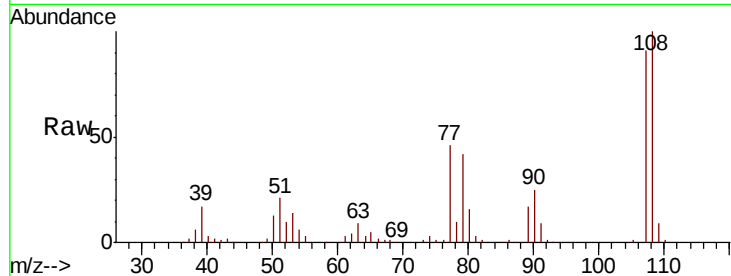
#17
2-Methylphenol
Concen: 41.689 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampled :
PB117669BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	90.8	136.2	
77	50.2	40.7	61.1	
79	46.2	40.6	60.8	

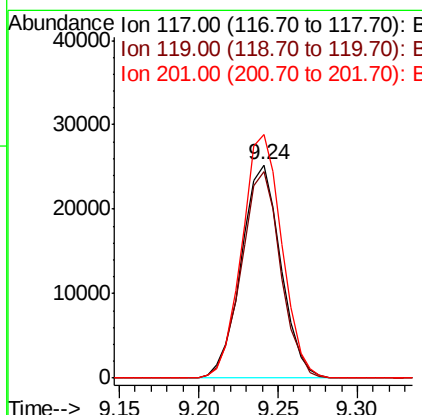
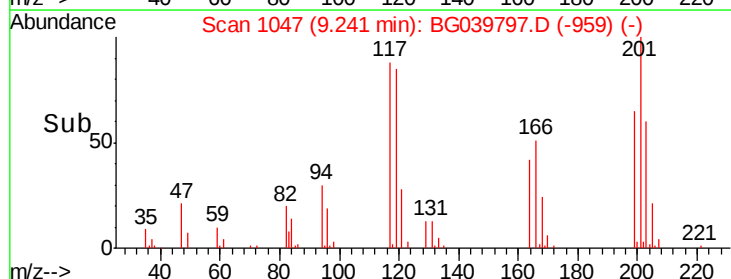
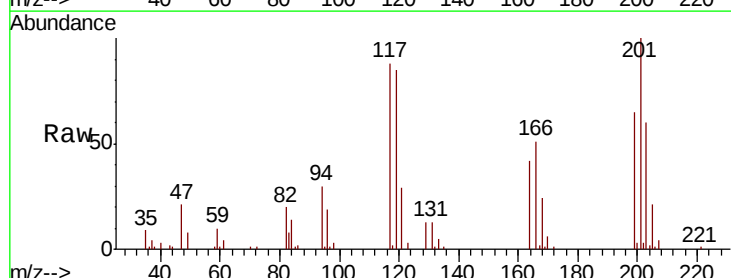
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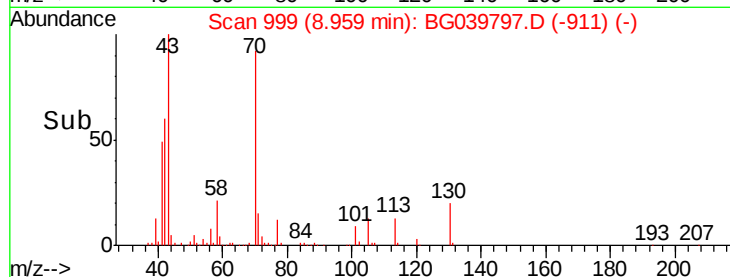
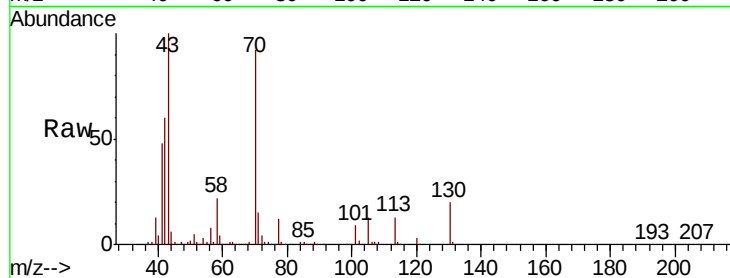
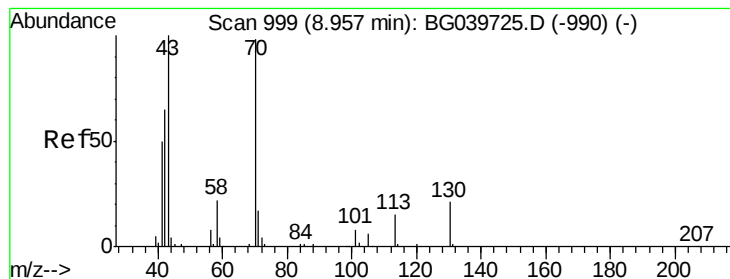
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#18
Hexachloroethane
Concen: 34.513 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	76.3	114.5	
201	114.2	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 35.948 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.2	60.4	90.6	
101	10.2	7.5	11.3	
130	21.5	16.9	25.3	

Instrument :

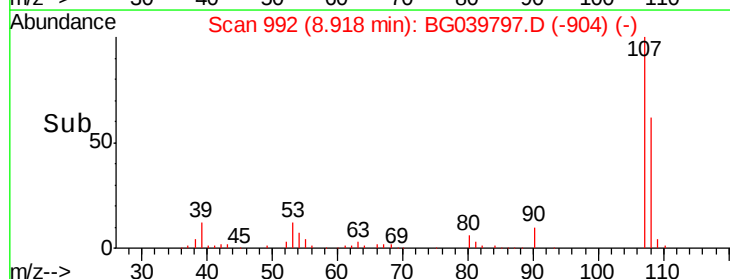
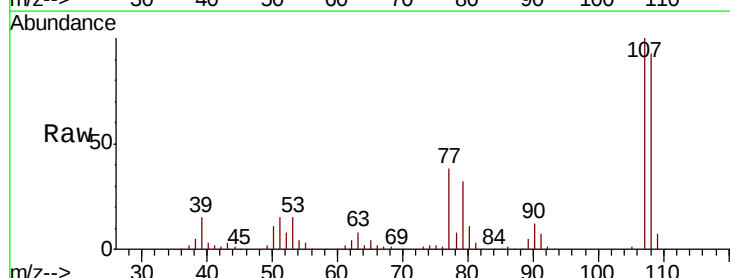
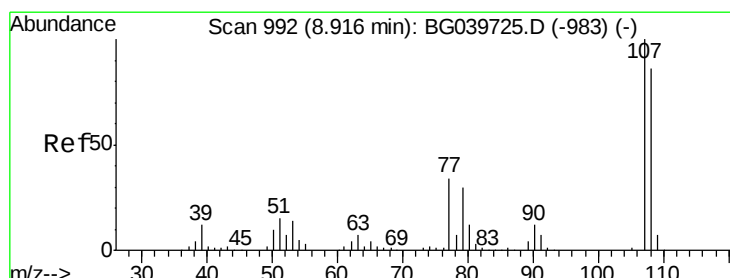
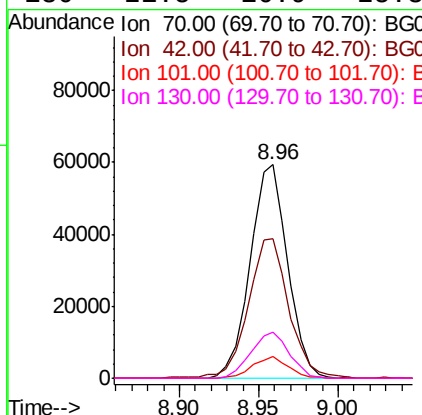
BNA_G

ClientSampleId :

PB117669BS

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#20

3+4-Methylphenols

Concen: 41.682 ng

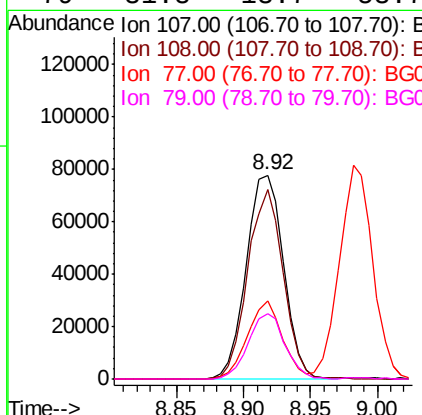
RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.2	67.9	107.9	
77	38.2	15.4	55.4	
79	31.8	13.7	53.7	





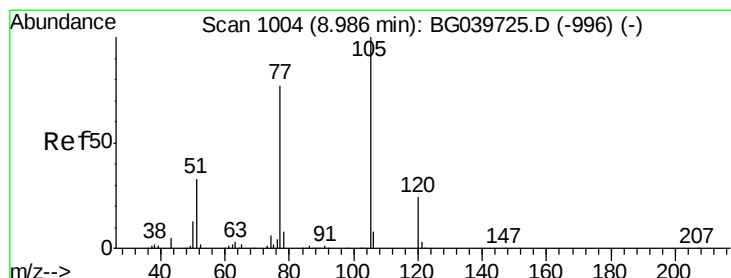
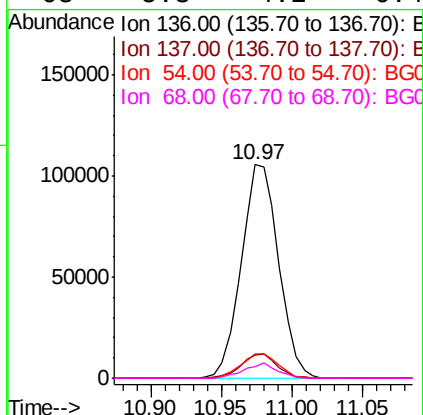
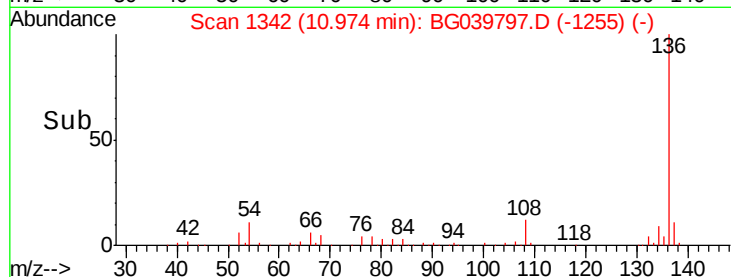
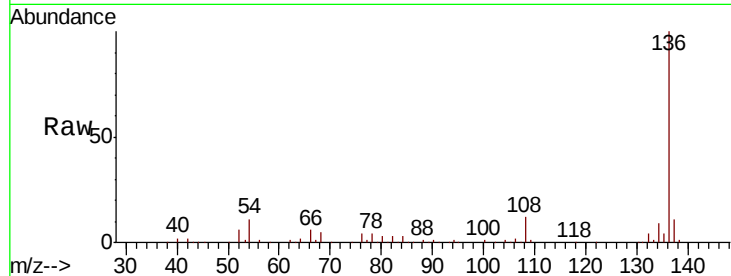
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	194565		
137	11.1	9.1	13.7	
54	11.3	9.4	14.2	
68	5.3	4.2	6.4	

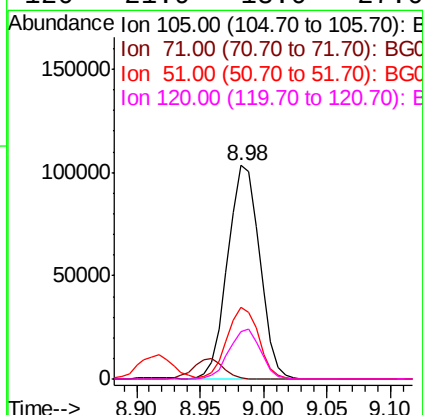
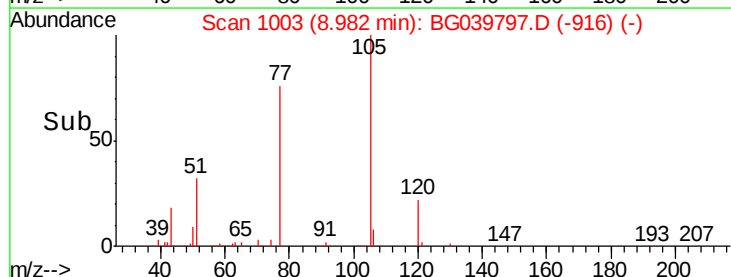
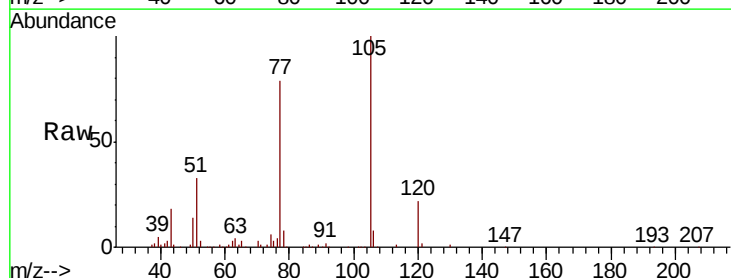
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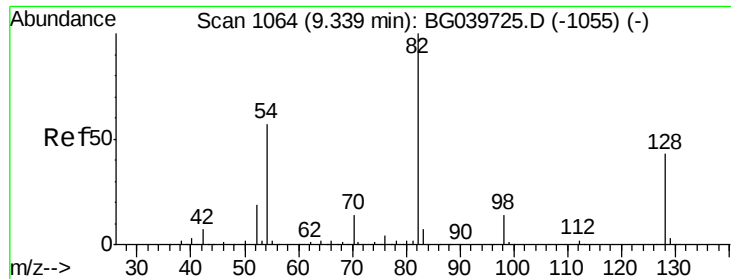
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#22
Acetophenone
Concen: 34.695 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	181177		
71	0.7	0.8	1.2#	
51	33.3	30.2	45.2	
120	21.9	18.0	27.0	





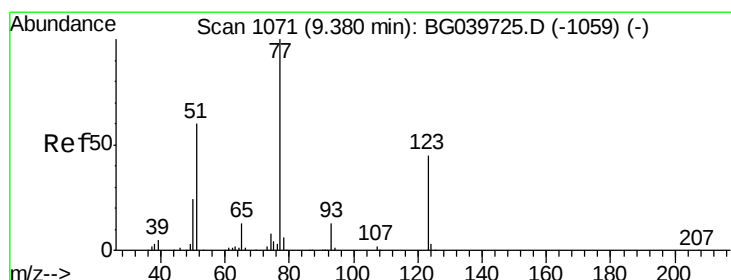
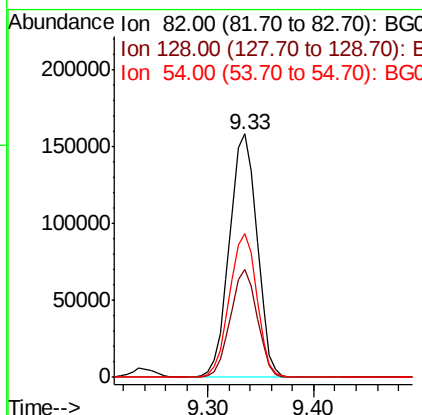
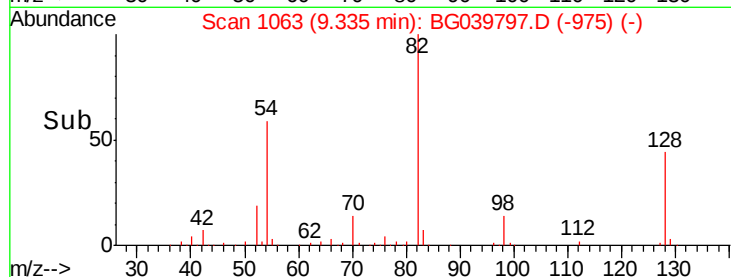
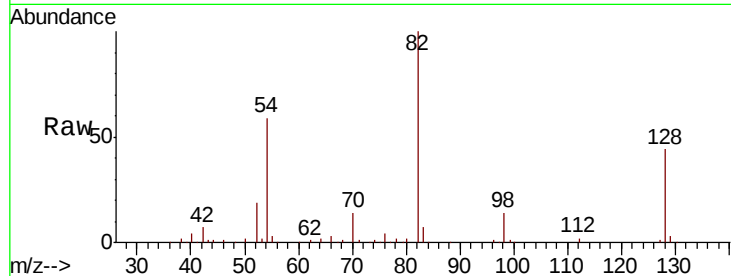
#23
Nitrobenzene-d5
Concen: 79.187 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	31.3	46.9
54	59.1	50.9	76.3

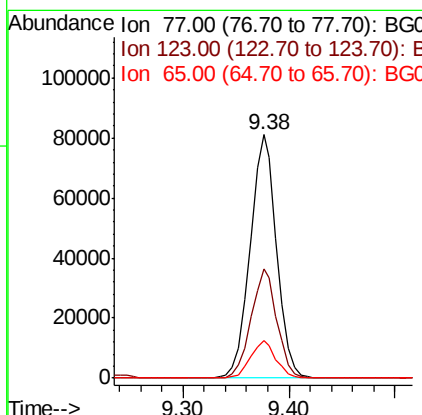
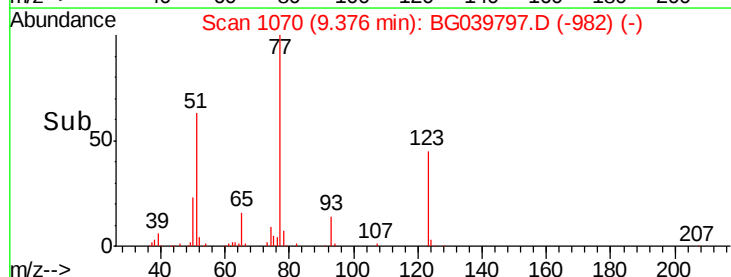
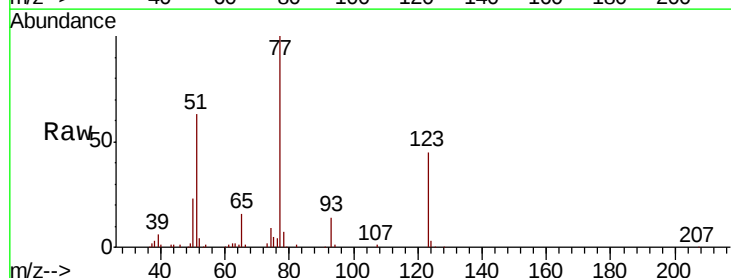
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#24
Nitrobenzene
Concen: 37.381 ng
RT: 9.38 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	34.1	51.1
65	15.6	12.3	18.5





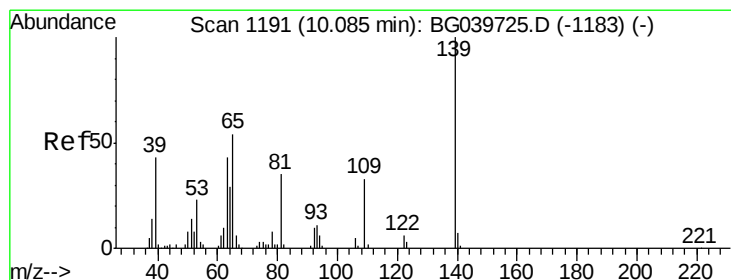
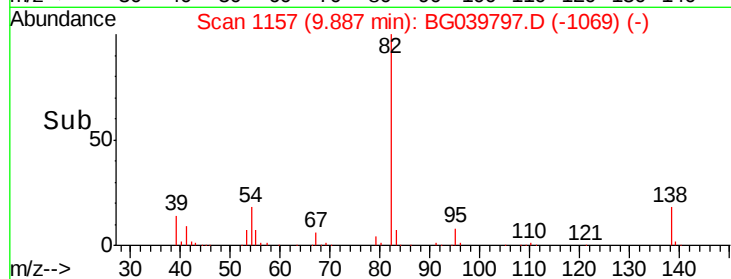
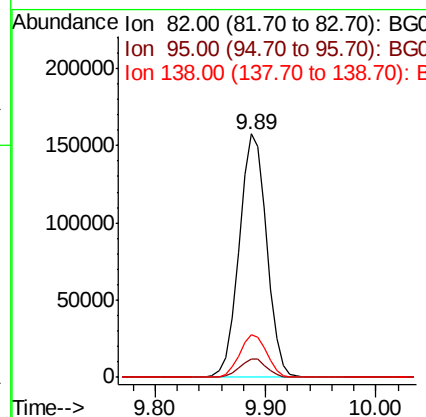
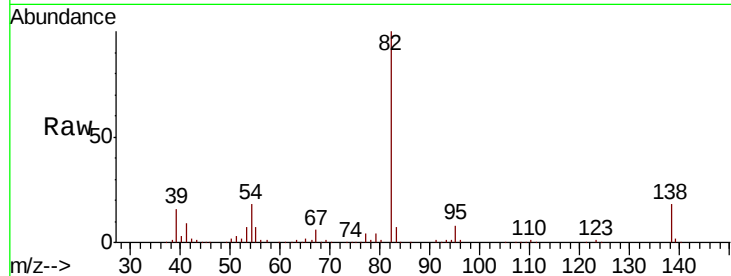
#25
Isophorone
Concen: 36.356 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	17.6	13.0	19.4

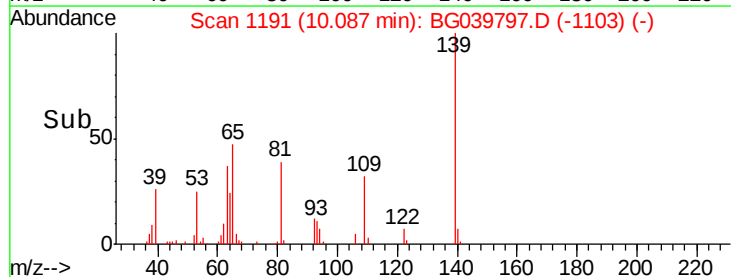
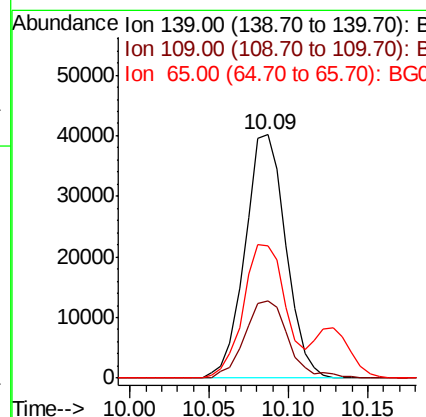
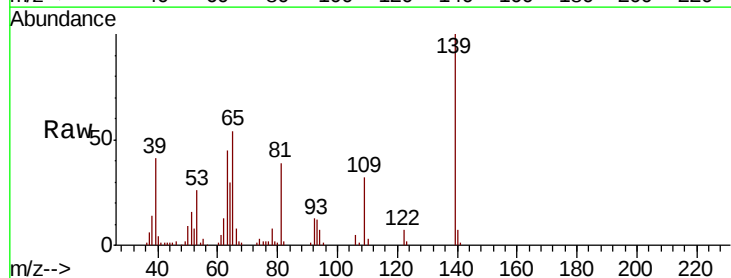
Manual Integrations
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#26
2-Nitrophenol
Concen: 39.390 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.8	23.4	35.0
65	54.2	44.3	66.5





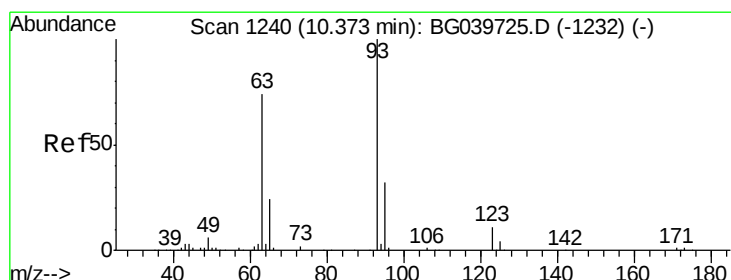
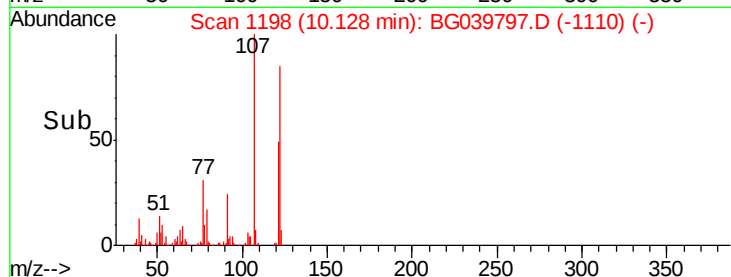
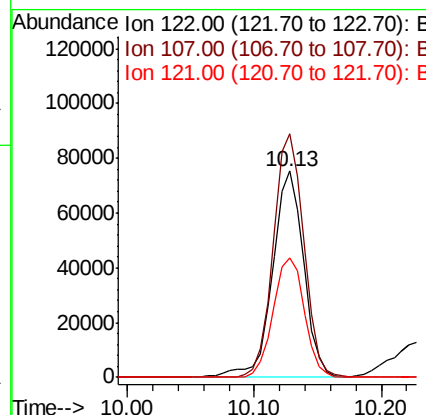
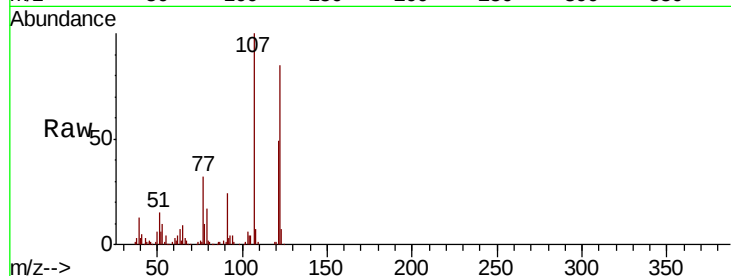
#27
2,4-Dimethylphenol
Concen: 45.357 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.0	91.7	137.5
121	58.2	46.4	69.6

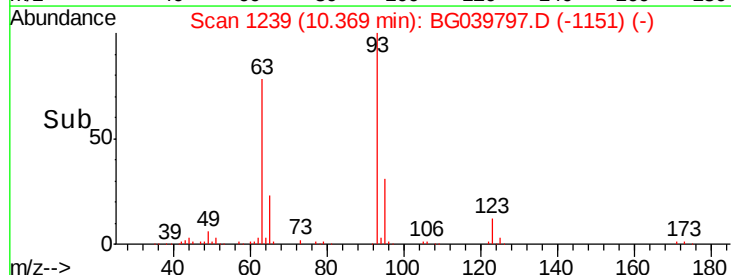
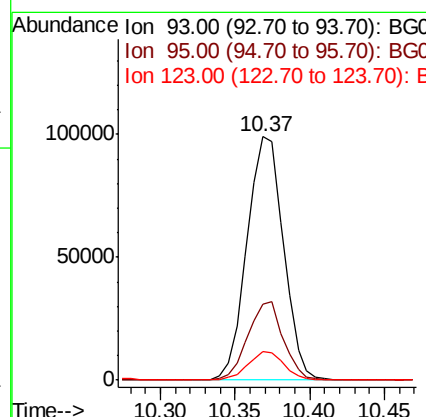
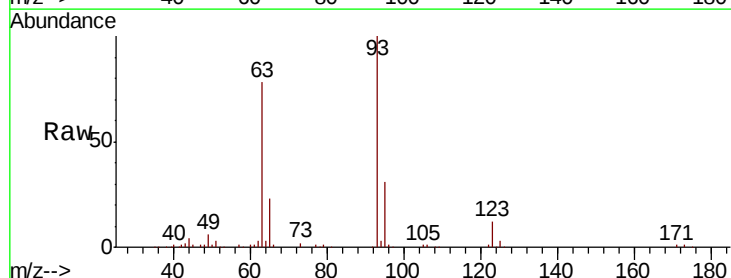
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 36.589 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.0	37.4
123	11.7	8.6	12.8





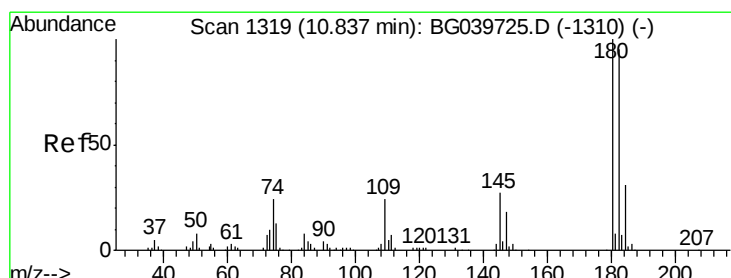
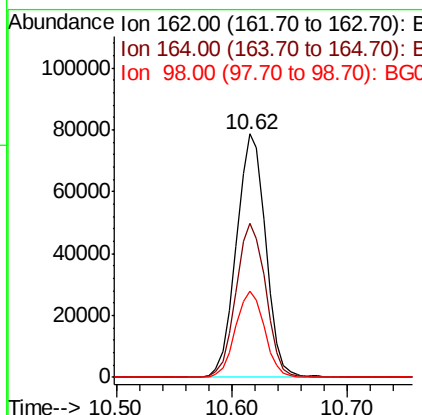
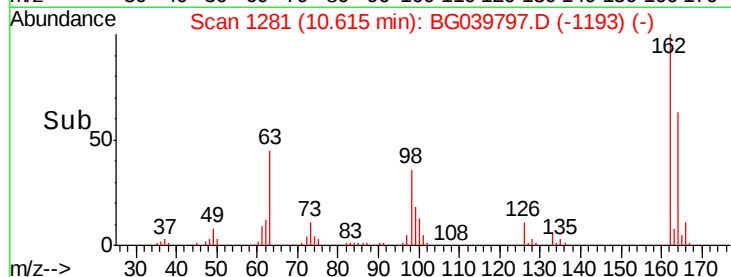
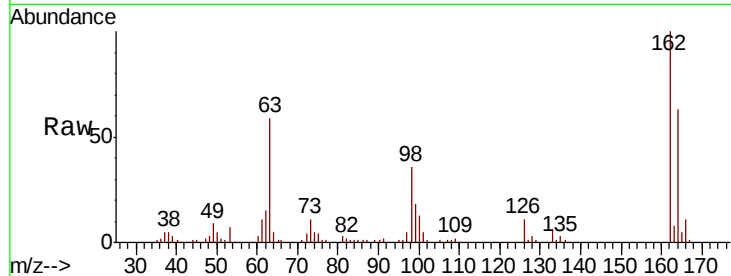
#29
 2,4-Dichlorophenol
 Concen: 43.283 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	138103		
164	63.1	48.1	88.1	
98	35.6	18.1	58.1	

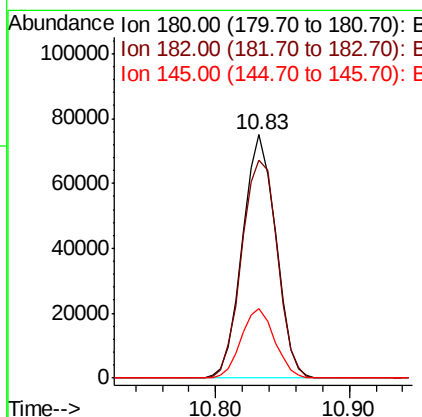
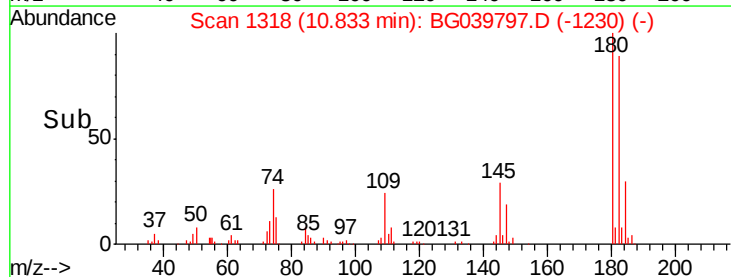
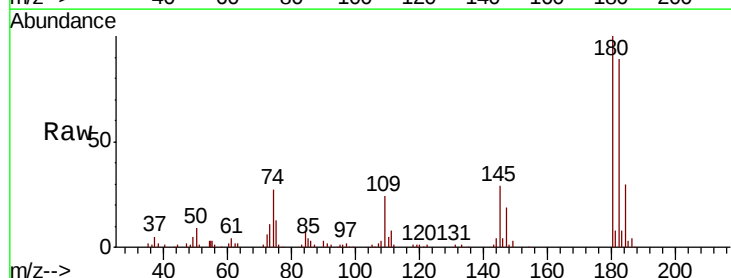
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.085 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	129560		
182	89.5	76.0	114.0	
145	28.7	22.7	34.1	





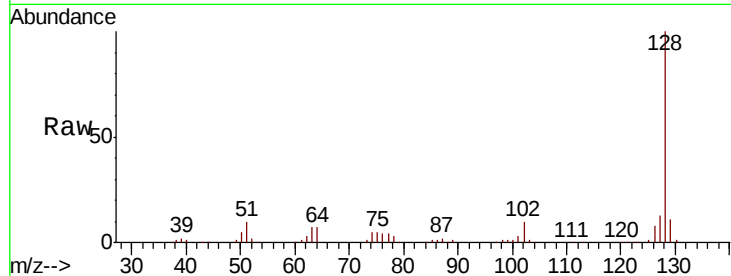
#31
Naphthalene
Concen: 36.748 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.4	10.8	16.2

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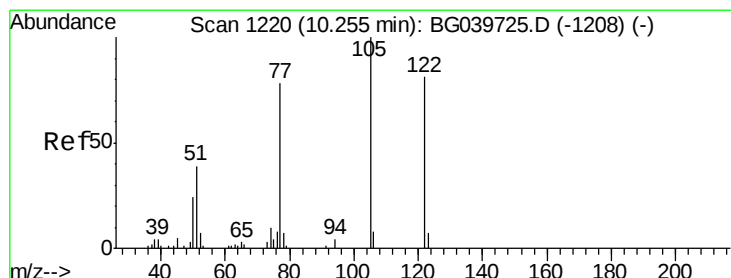
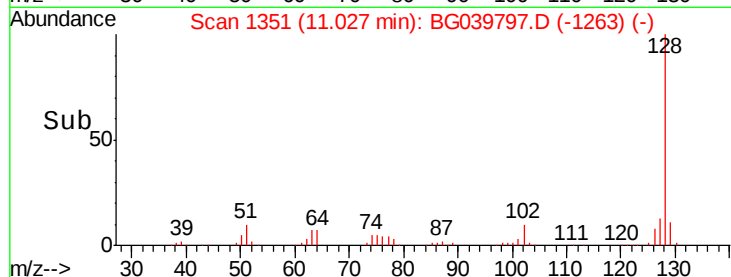
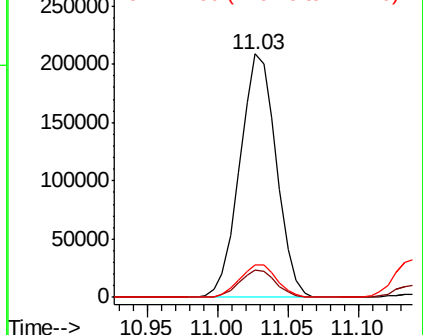


Abundance

Ion 128.00 (127.70 to 128.70): E

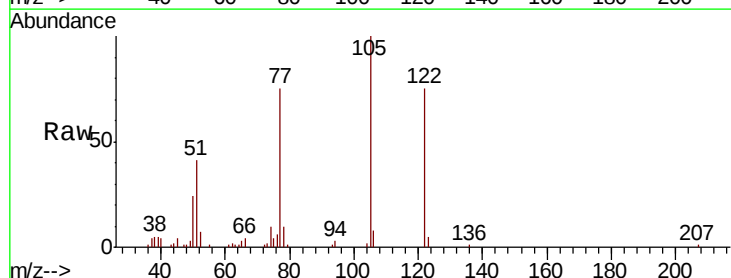
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.213 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.4	101.8	141.8
77	100.4	76.3	116.3

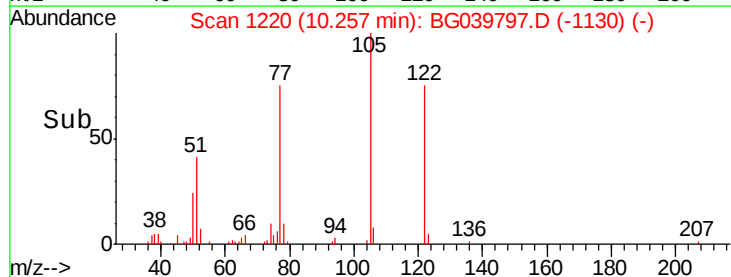
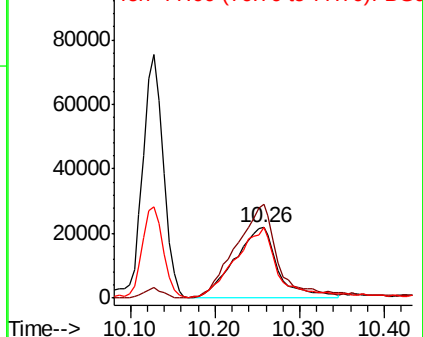


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





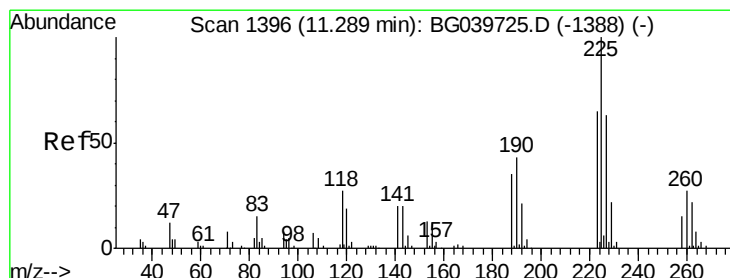
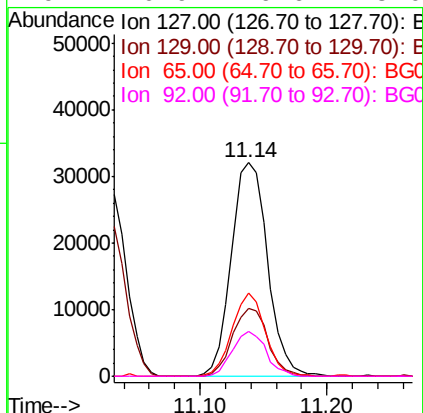
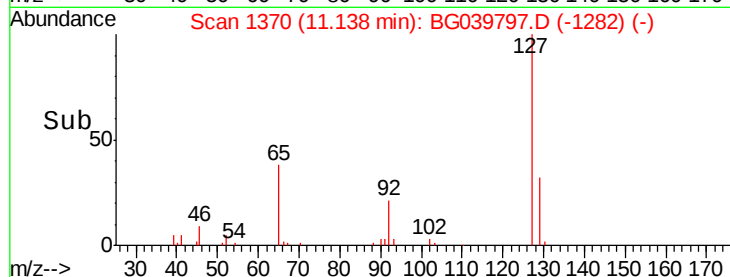
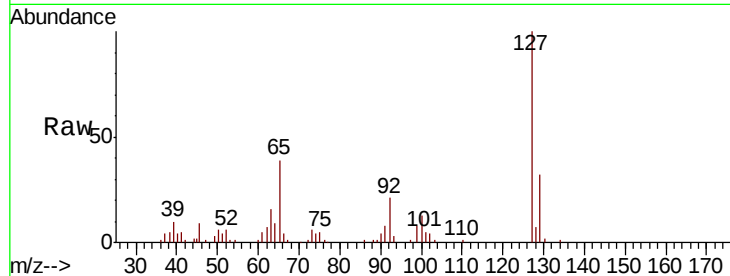
#33
4-Chloroaniline
Concen: 14.510 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampled :
PB117669BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	27.0	40.4		
65	38.8	28.8	43.2		
92	20.9	16.6	25.0		

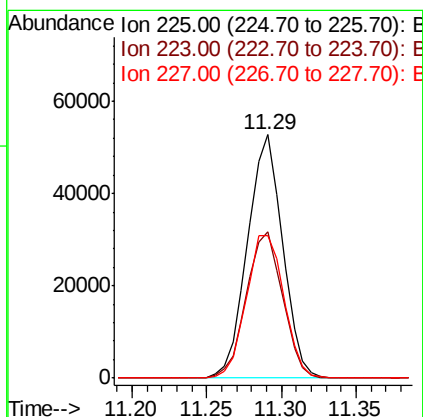
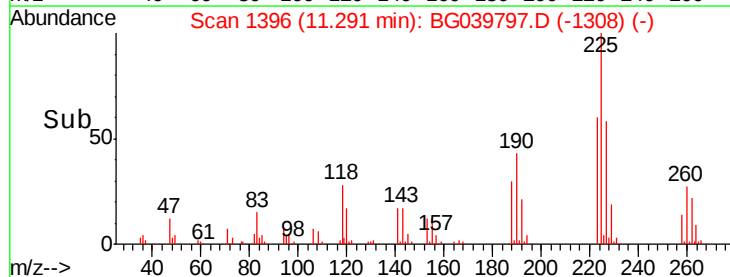
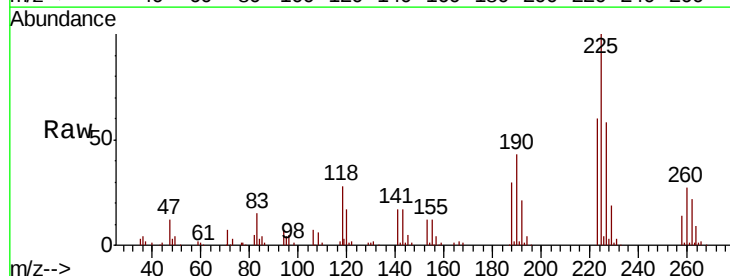
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#34
Hexachlorobutadiene
Concen: 34.954 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.1	49.0	73.6		
227	58.4	46.3	69.5		





#35

Caprolactam

Concen: 39.878 ng/ml

RT: 11.92 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampleId :

PB117669BS

Tot Ion: 113 Resp: 48605

Ion Ratio Lower Upper

113 100

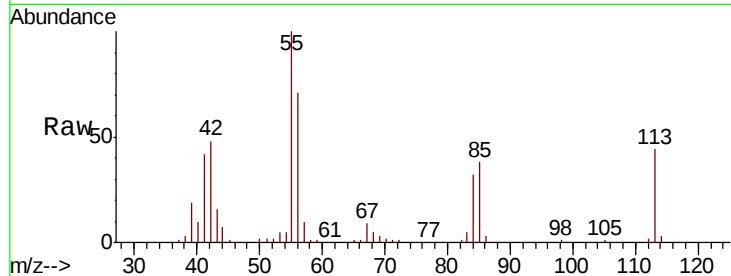
55 225.1 216.9 256.9

56 158.9 152.6 192.6

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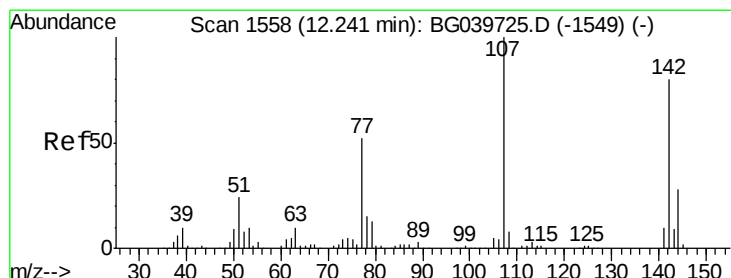
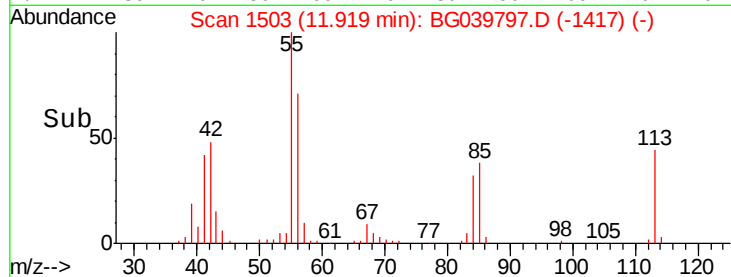
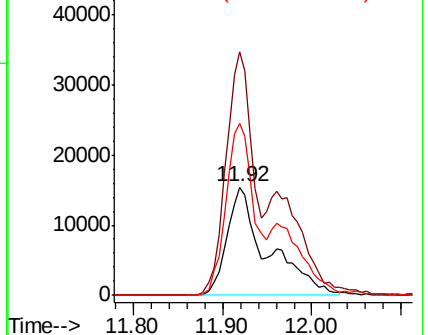
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039725.D (-1495) (-)

Ion 56.00 (55.70 to 56.70): BG039725.D (-1495) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.149 ng/ml

RT: 12.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

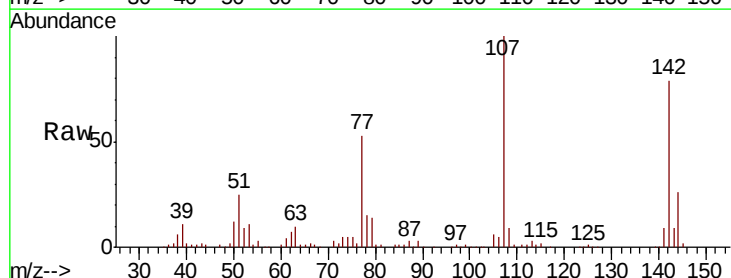
Tgt Ion: 107 Resp: 150506

Ion Ratio Lower Upper

107 100

144 25.8 20.2 30.2

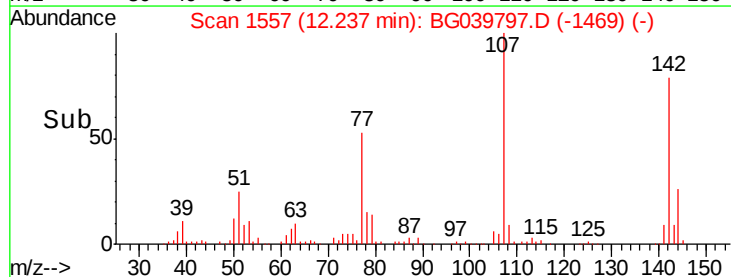
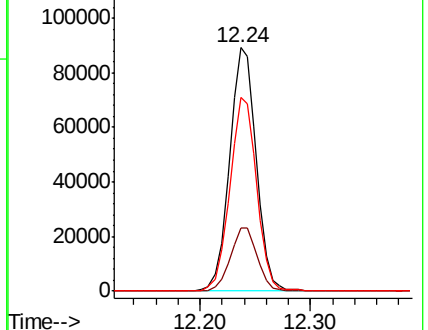
142 79.4 61.4 92.2

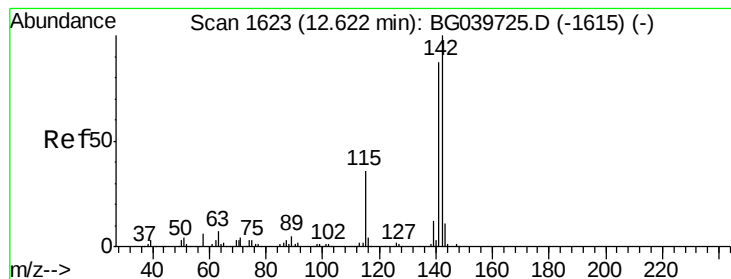


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





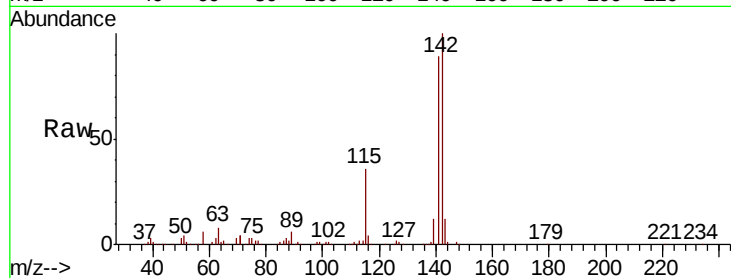
#37
2-Methylnaphthalene
Concen: 38.334 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.5	110.3
115	35.7	30.8	46.2

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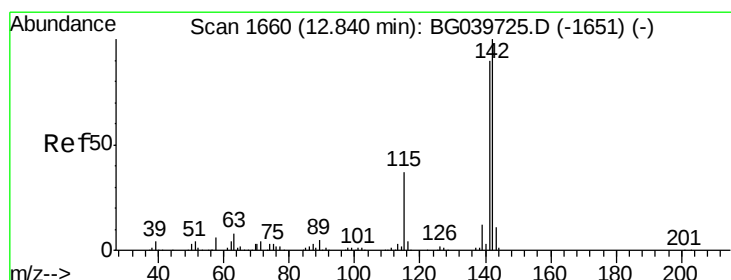
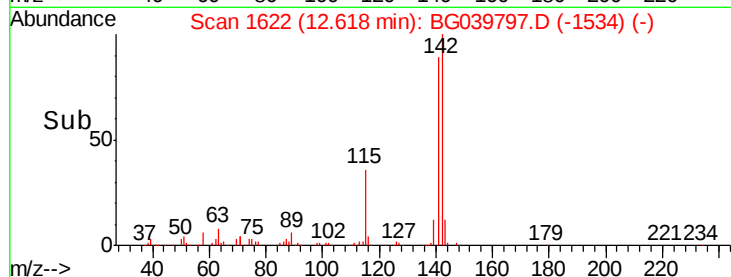
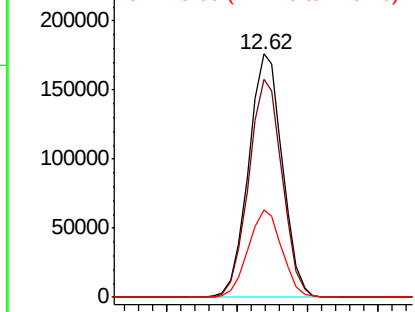


Abundance

Ion 142.00 (141.70 to 142.70): E

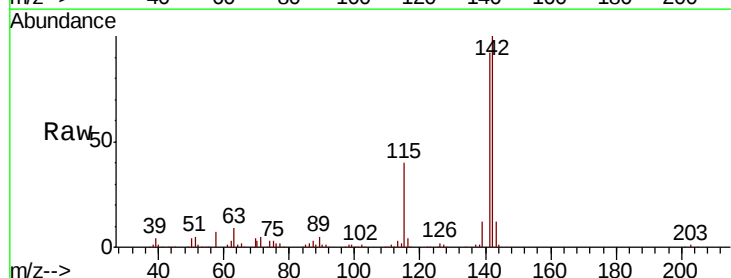
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.958 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	3.9	3.0	4.6

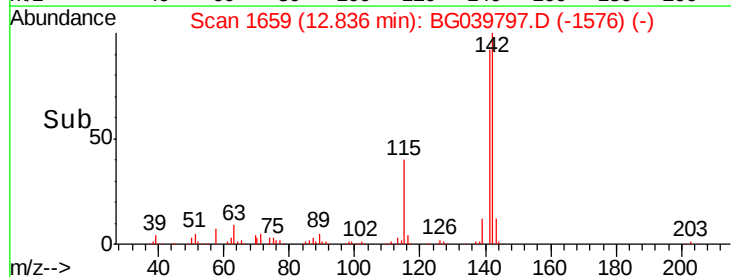
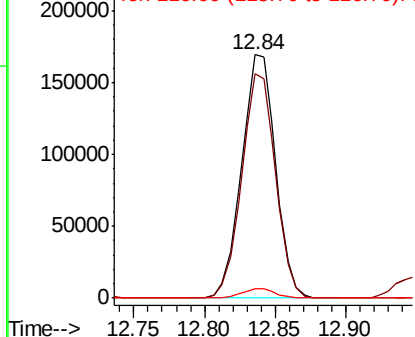


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

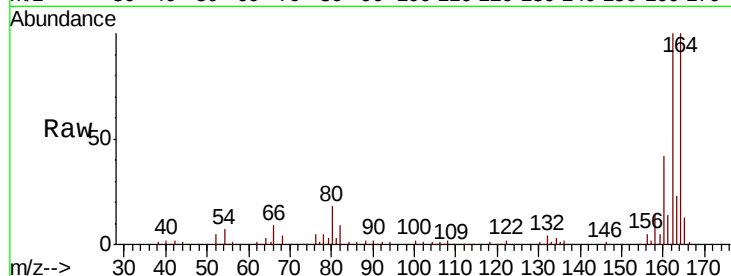
ClientSampleId :

PB117669BS

Tot Ion:	164	Resp:	137732
Ion Ratio	Lower	Upper	
164	100		
162	100.3	81.6	122.4
160	42.6	34.2	51.2

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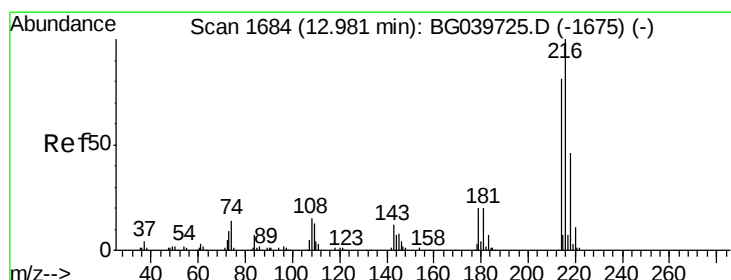
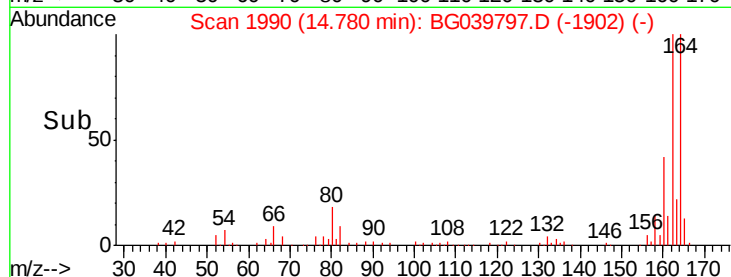
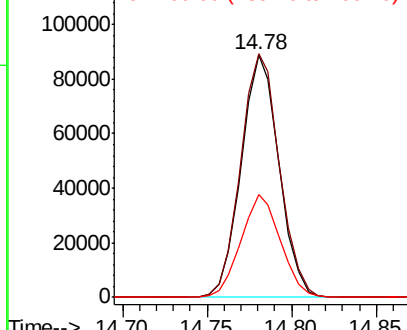


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.615 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tgt Ion:	216	Resp:	161516
Ion Ratio	Lower	Upper	
216	100		
214	80.0	62.6	94.0
179	21.1	16.6	25.0
108	18.2	14.0	21.0

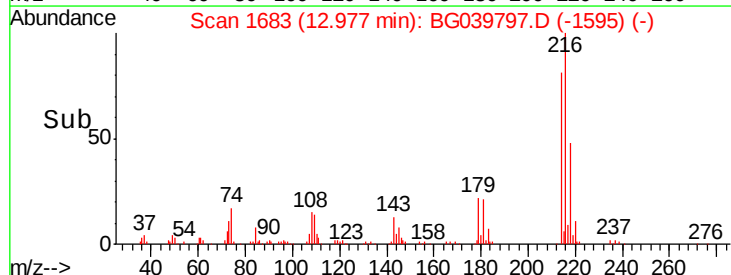
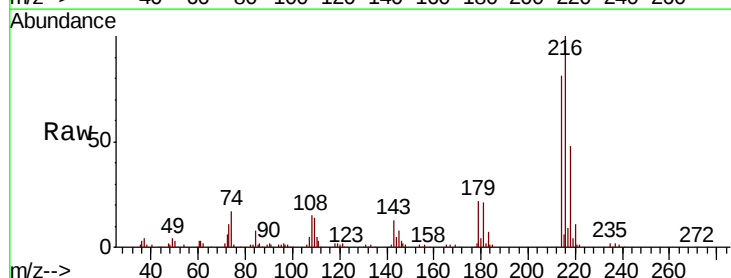
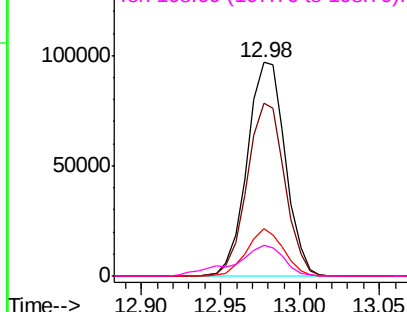
Abundance

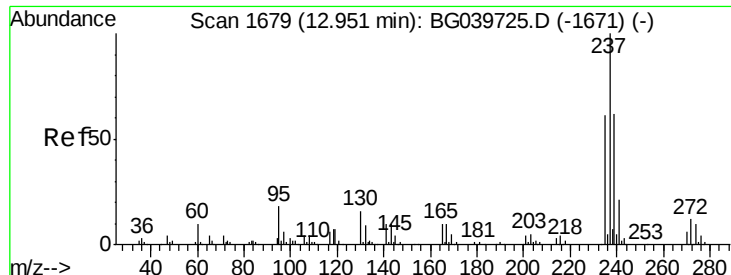
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.709 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

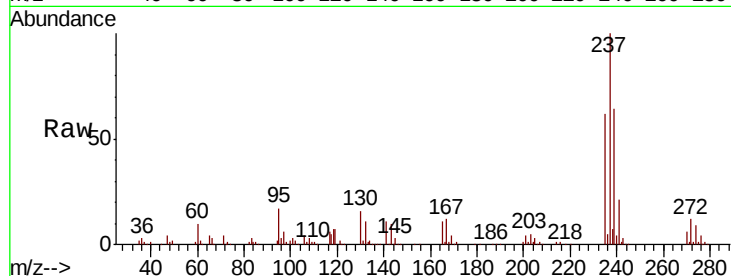
ClientSampleId :

PB117669BS

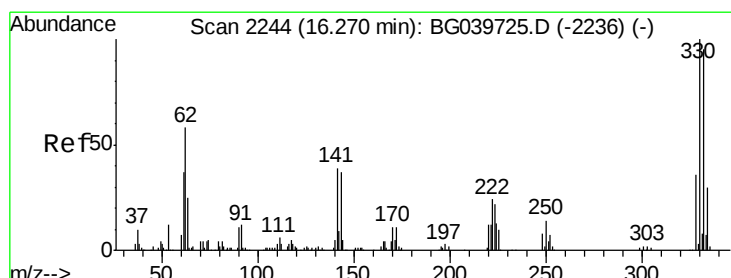
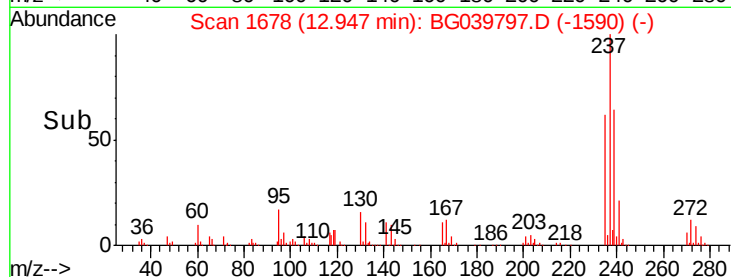
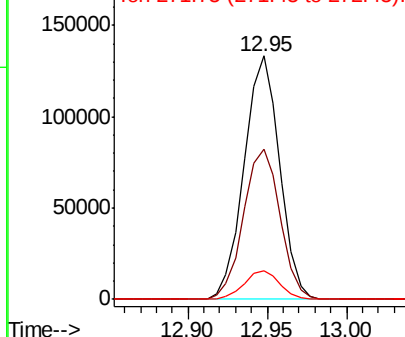
Tot Ion:	237	Resp:	206818
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.3	83.3
272	11.6	0.0	32.3

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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: 125.031 ng

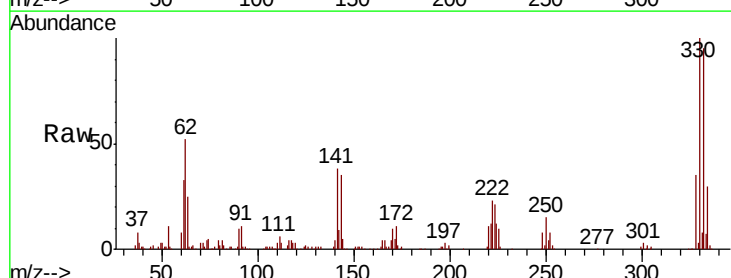
RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

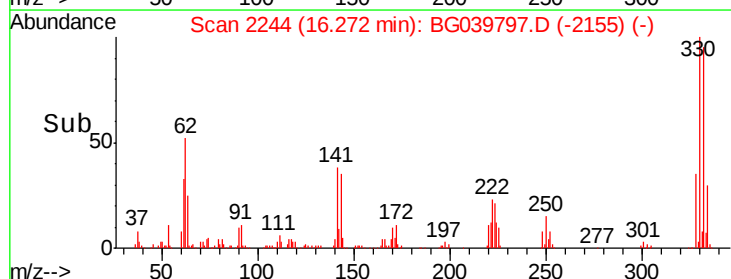
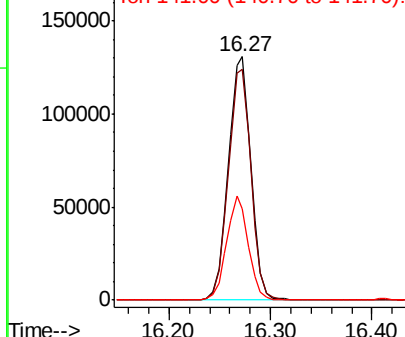
Lab File: BG039797.D

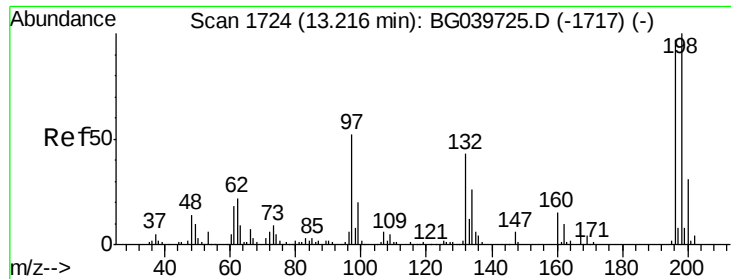
Acq: 6 Mar 2019 21:24

Tgt Ion:	330	Resp:	200721
Ion Ratio	Lower	Upper	
330	100		
332	95.1	75.7	113.5
141	41.1	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





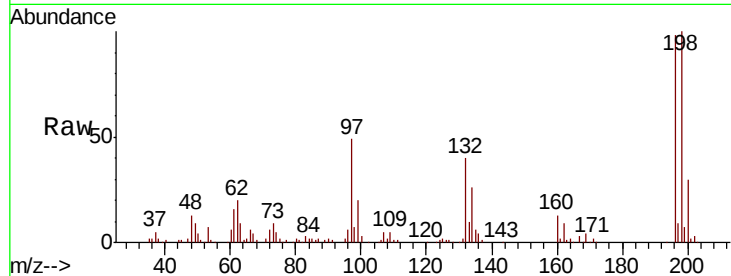
#43
 2,4,6-Trichlorophenol
 Concen: 43.505 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	118843		
198	102.4	80.6	121.0	
200	30.9	26.1	39.1	

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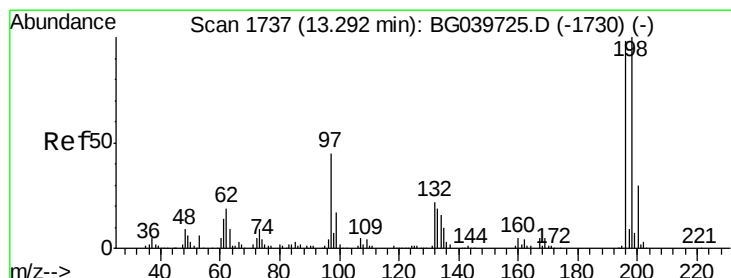
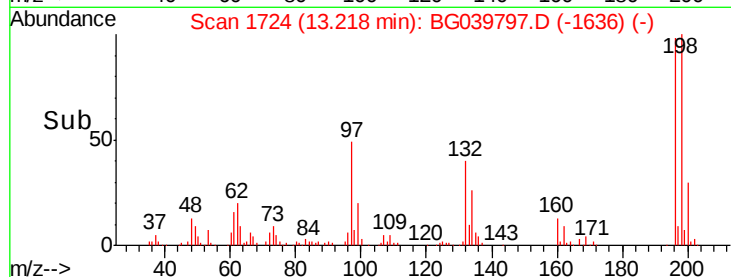
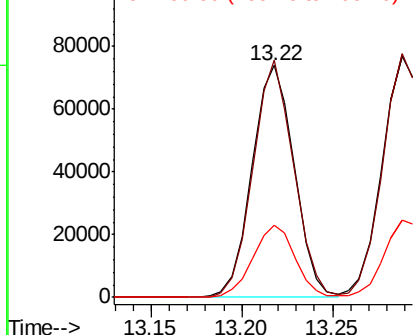


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.173 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	126778		
198	101.1	78.5	117.7	
97	47.1	38.4	57.6	
132	24.9	19.2	28.8	

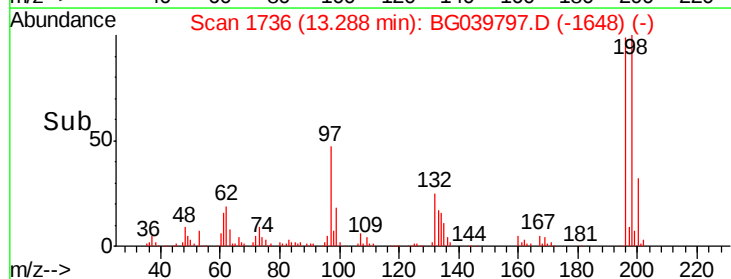
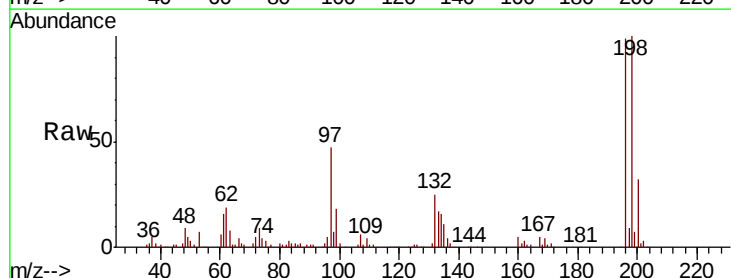
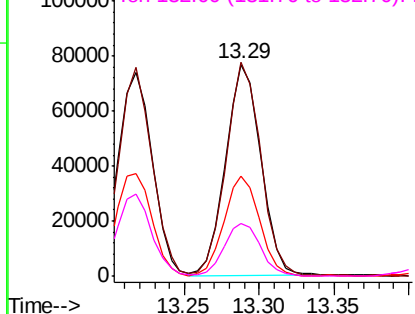
Abundance

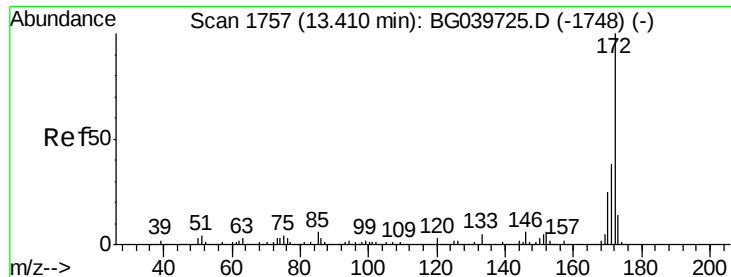
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





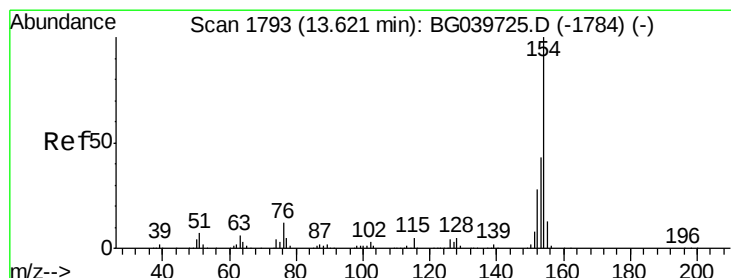
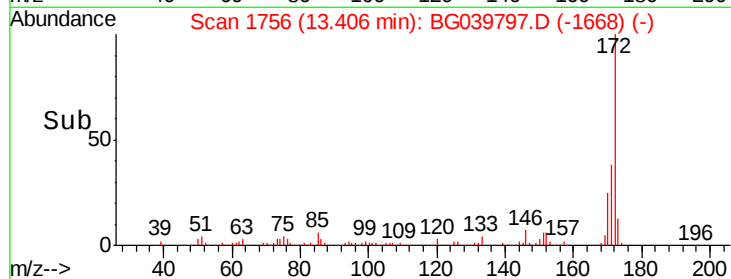
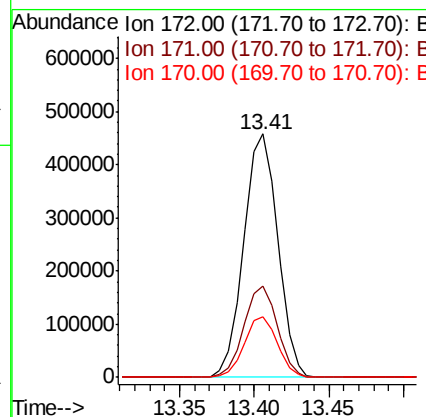
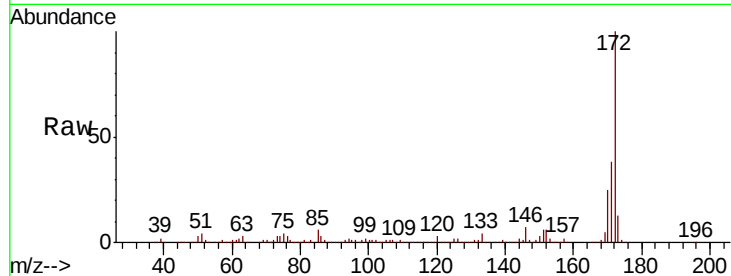
#45
2-Fluorobiphenyl
Concen: 74.696 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.0	20.2	30.4

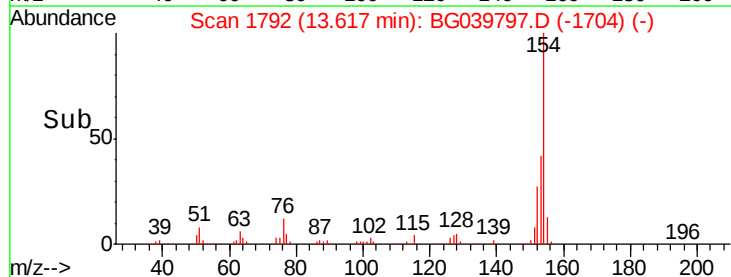
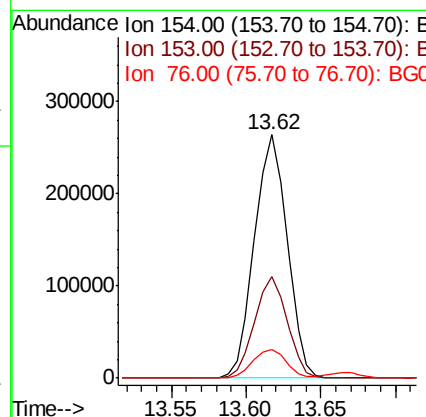
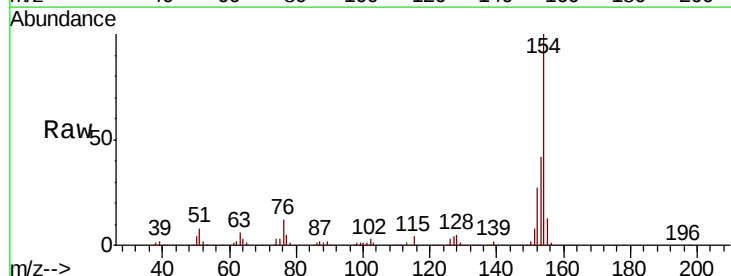
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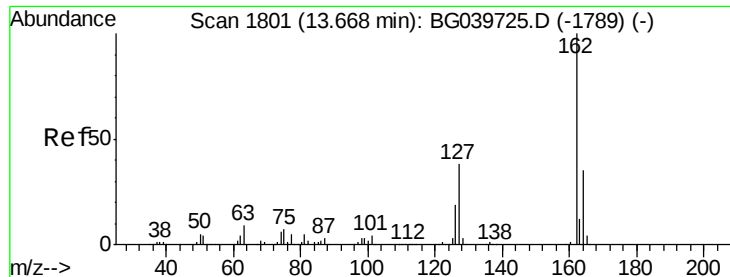
Sohil
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#46
1,1'-Biphenyl
Concen: 35.361 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.1	62.1
76	11.6	0.0	32.4





#47

2-Chloronaphthalene

Concen: 36.905 ng

RT: 13.66 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

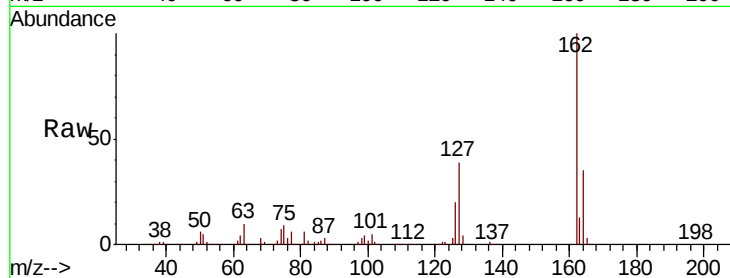
ClientSampleId :

PB117669BS

Tot Ion:	162	Resp:	314513
Ion Ratio	Lower	Upper	
162	100		
127	39.2	31.0	46.6
164	34.7	25.7	38.5

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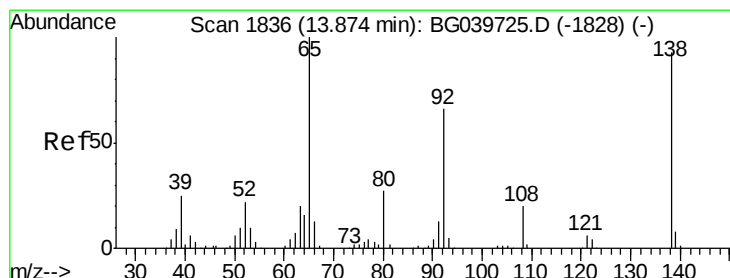
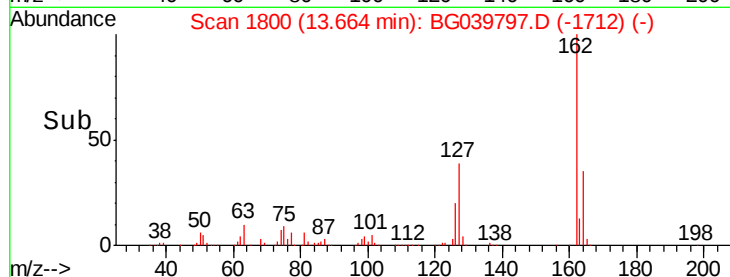
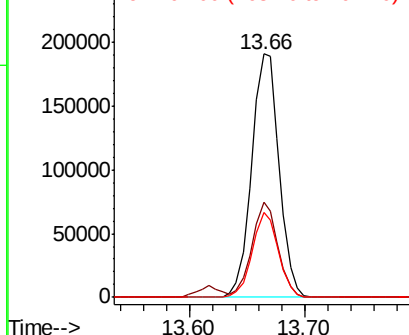


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.781 ng

RT: 13.88 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

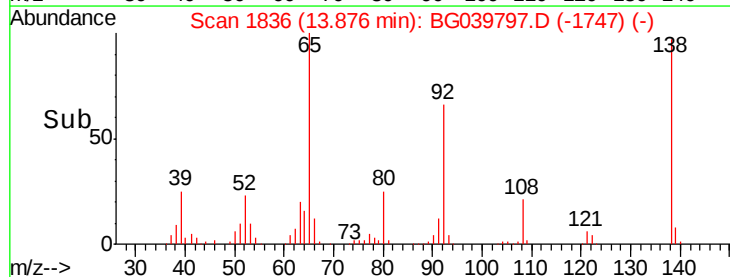
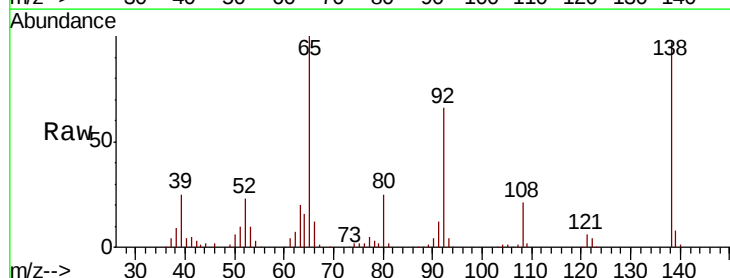
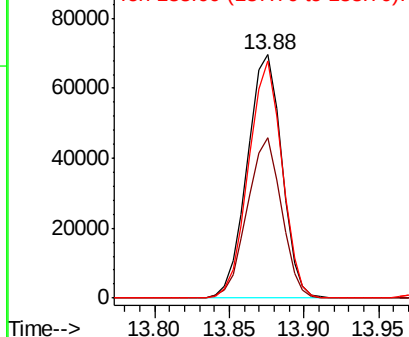
Tgt Ion:	65	Resp:	111689
Ion Ratio	Lower	Upper	
65	100		
92	65.9	51.4	77.2
138	97.2	71.4	107.2

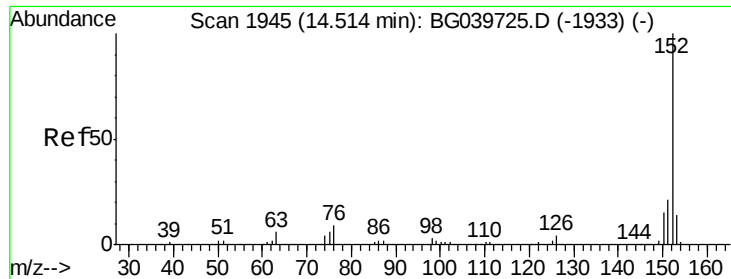
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.407 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

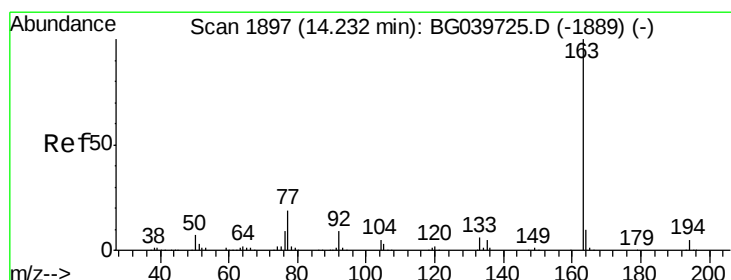
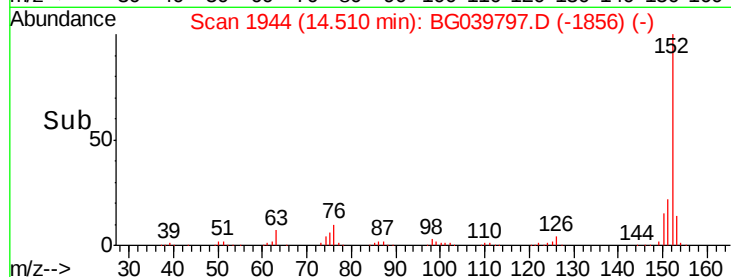
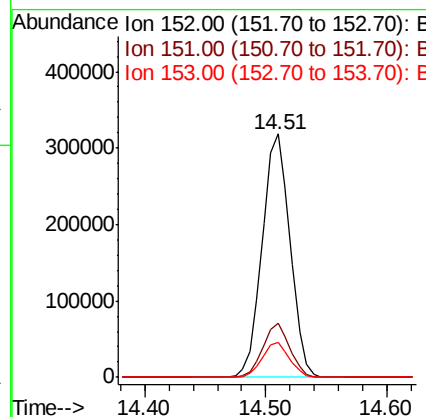
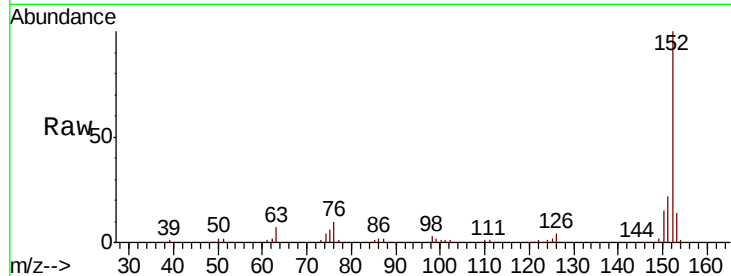
ClientSampleId :

PB117669BS

Tot Ion:	152	Resp:	509331
Ion Ratio	Lower	Upper	
152	100		
151	22.2	16.8	25.2
153	14.2	11.7	17.5

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#50

Dimethylphthalate

Concen: 36.910 ng

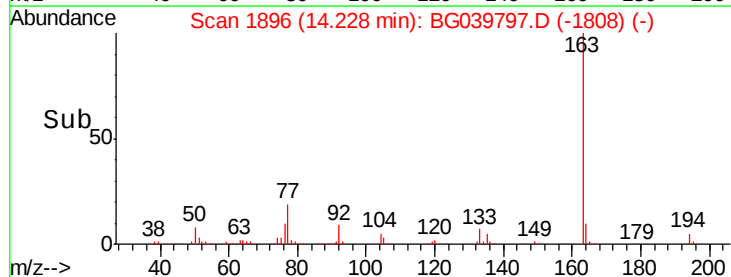
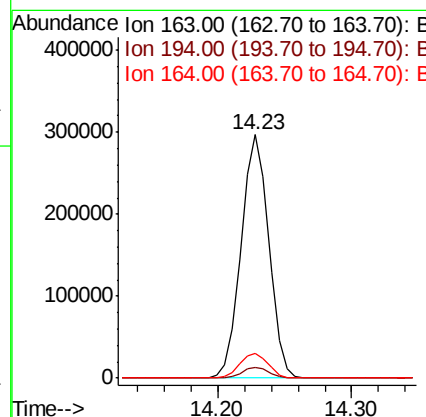
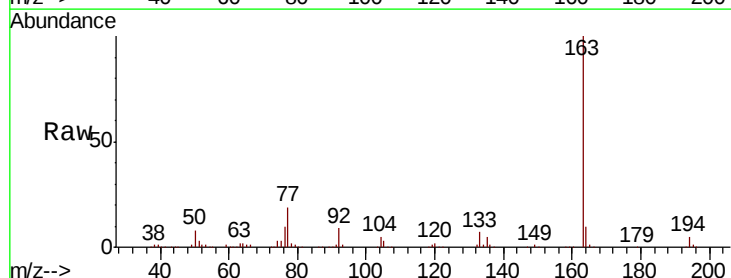
RT: 14.23 min Scan# 1896

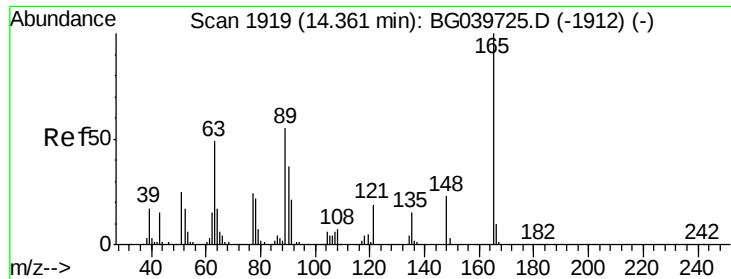
Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tgt Ion:	163	Resp:	425094
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: 38.340 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

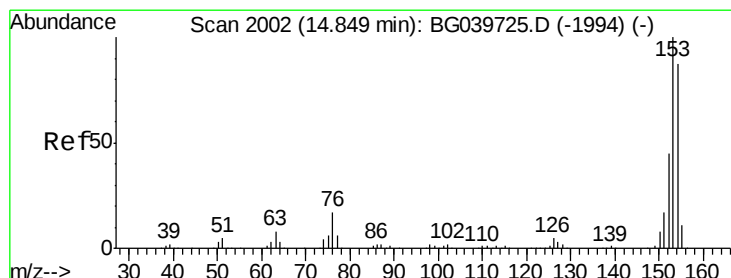
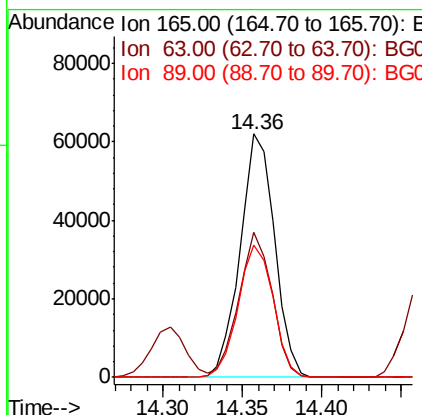
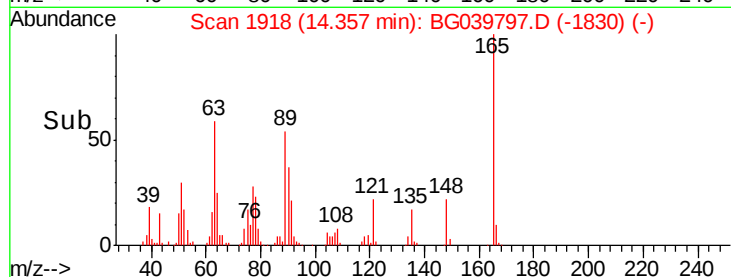
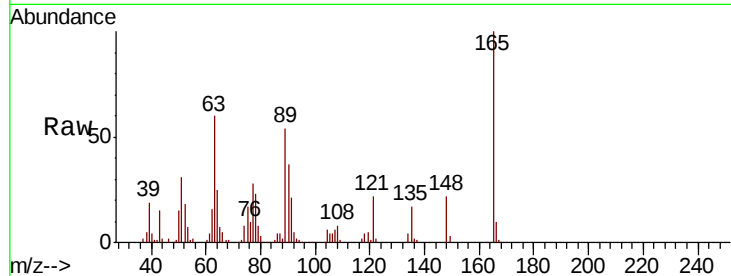
ClientSampleId :

PB117669BS

Tot Ion:	165	Resp:	93610
Ion Ratio	Lower	Upper	
165	100		
63	59.6	47.0	70.6
89	54.2	45.8	68.8

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#52

Acenaphthene

Concen: 36.684 ng

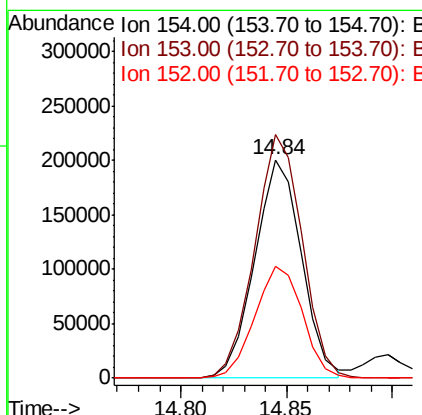
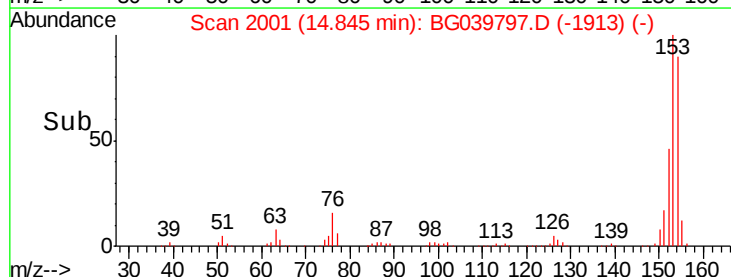
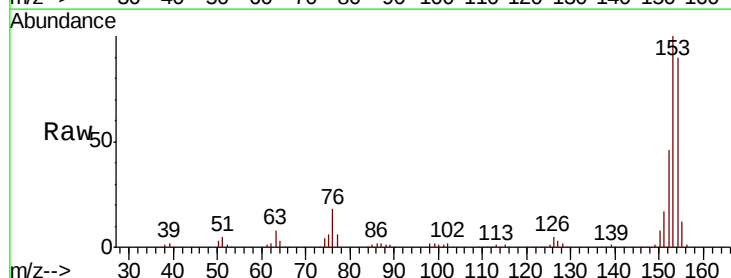
RT: 14.84 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tgt Ion:	154	Resp:	308887
Ion Ratio	Lower	Upper	
154	100		
153	111.4	90.1	135.1
152	51.1	40.9	61.3





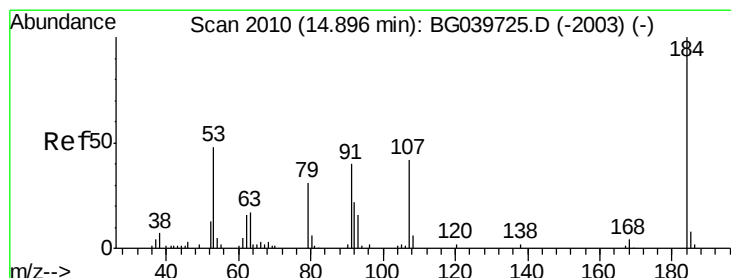
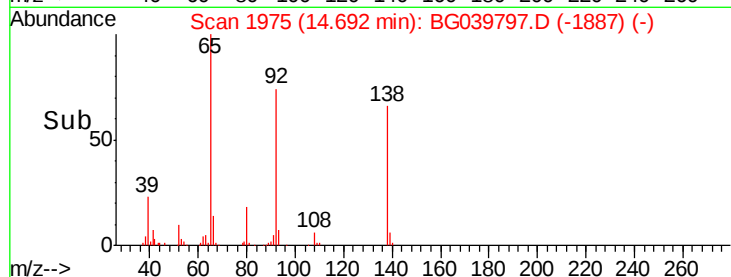
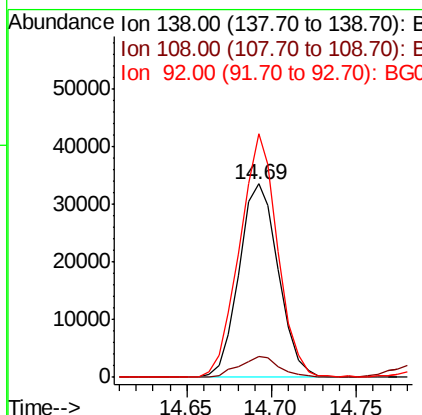
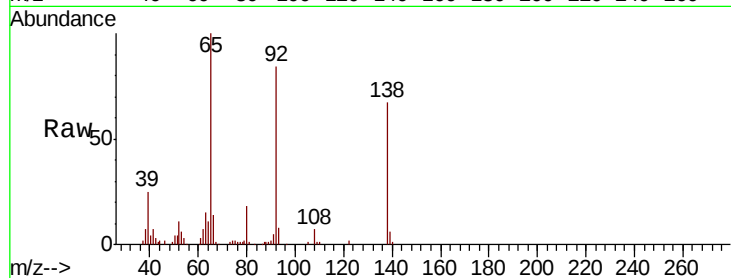
#53
3-Nitroaniline
Concen: 22.063 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion:138 Resp: 54149
Ion Ratio Lower Upper
138 100
108 10.6 13.8 20.8#
92 126.0 103.7 155.5

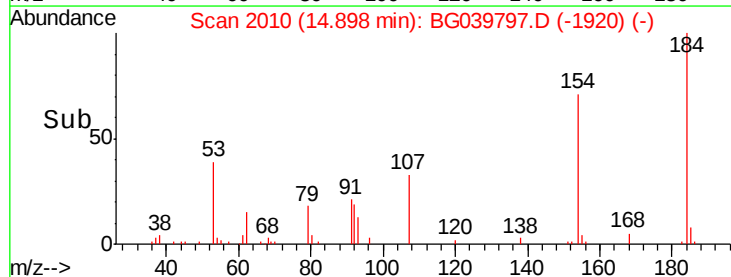
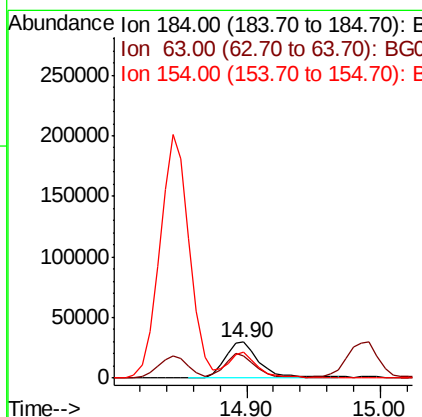
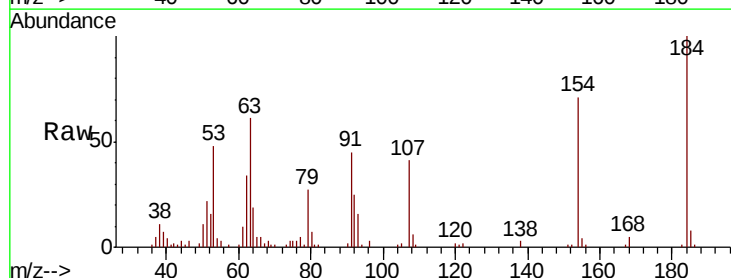
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#54
2,4-Dinitrophenol
Concen: 37.654 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion:184 Resp: 53392
Ion Ratio Lower Upper
184 100
63 60.8 50.9 76.3
154 71.2 53.0 79.6





#55

Dibenzofuran

Concen: 36.838 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

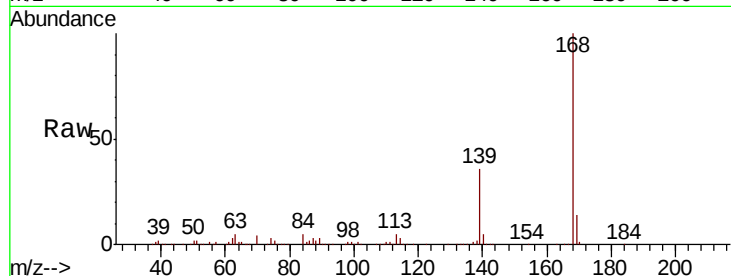
ClientSampleId :

PB117669BS

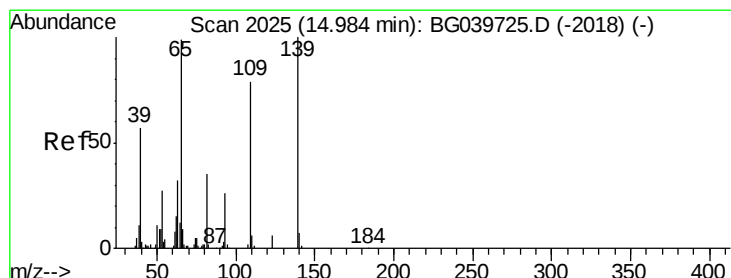
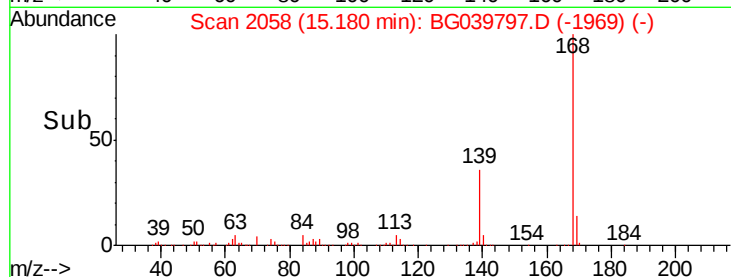
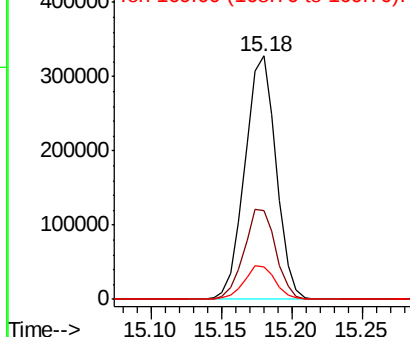
Tot Ion:	168	Resp:	508917
Ion Ratio	Lower	Upper	
168	100		
139	36.4	30.1	45.1
169	13.5	10.6	16.0

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 74.053 ng

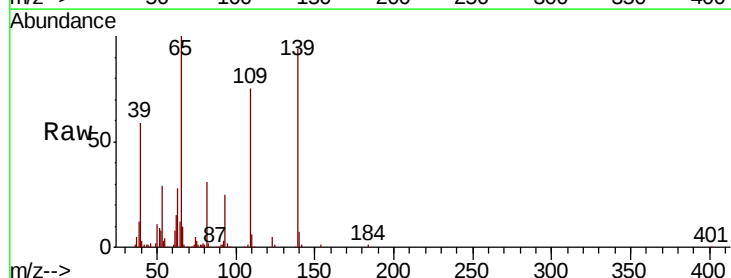
RT: 14.99 min Scan# 2025

Delta R.T. -0.00 min

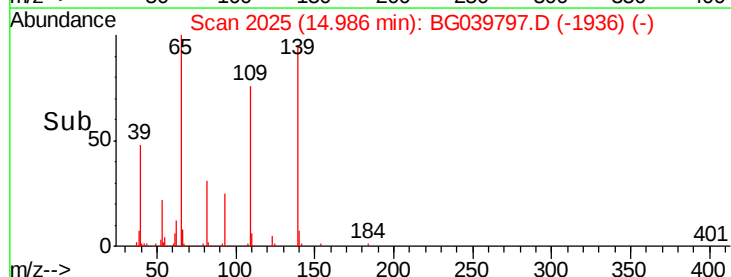
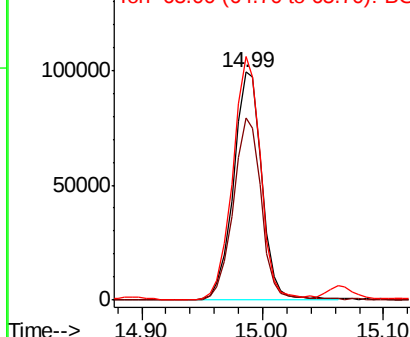
Lab File: BG039797.D

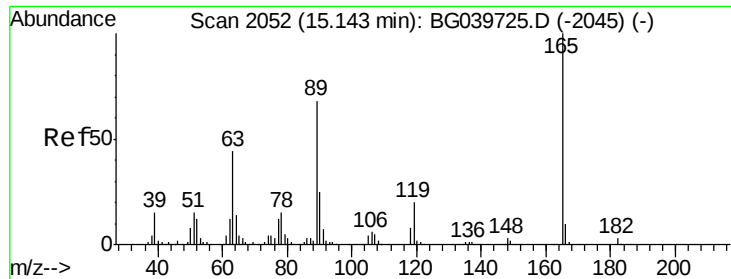
Acq: 6 Mar 2019 21:24

Tgt Ion:	139	Resp:	162585
Ion Ratio	Lower	Upper	
139	100		
109	80.2	61.9	101.9
65	106.8	99.1	139.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC





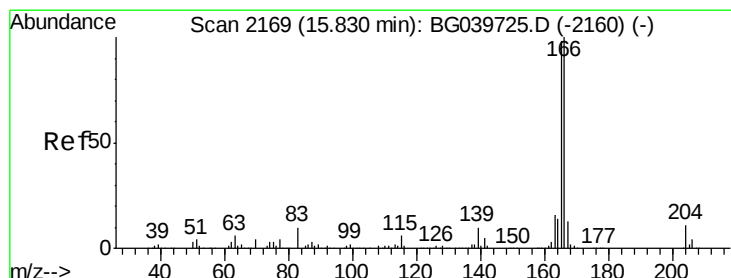
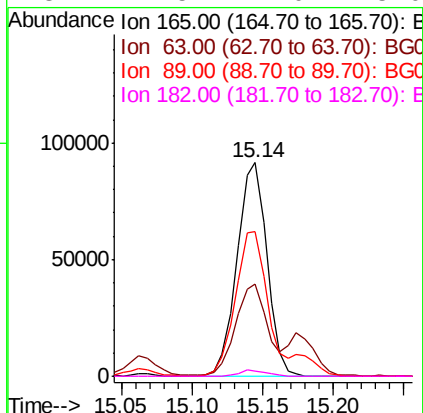
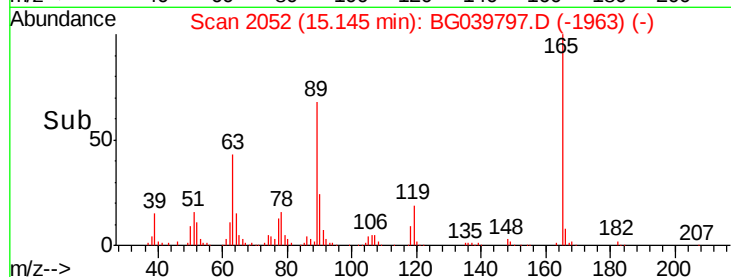
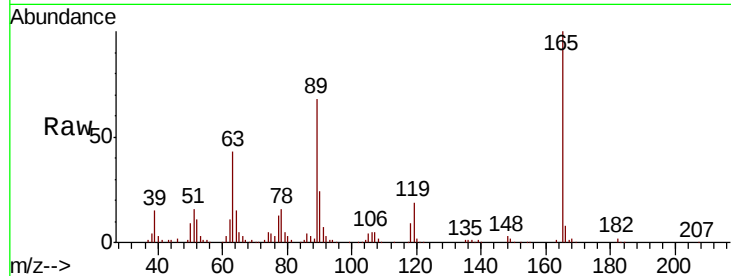
#57
2,4-Dinitrotoluene
Concen: 39.468 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	43.5		41.0	61.6	
89	68.0		64.6	96.8	
182	2.5		2.0	3.0	

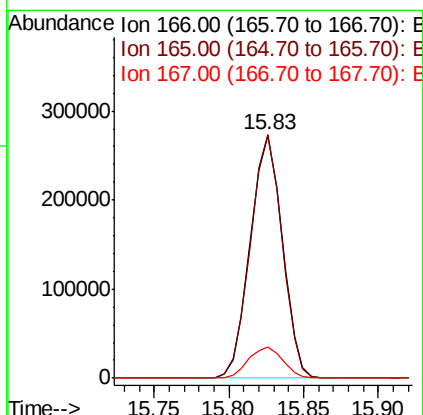
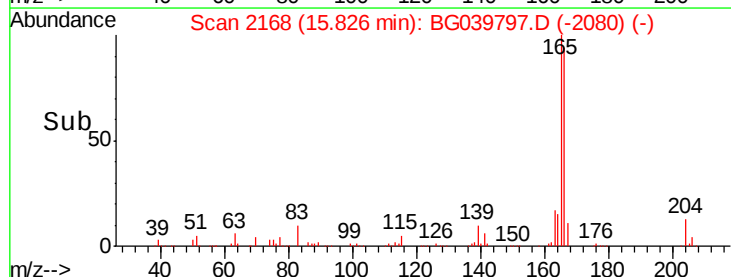
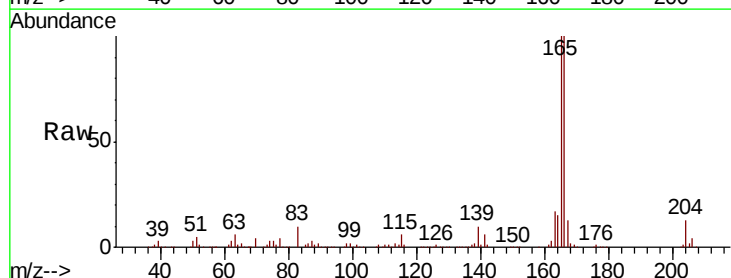
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#58
Fluorene
Concen: 37.281 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	100.4		77.9	116.9	
167	13.0		10.8	16.2	





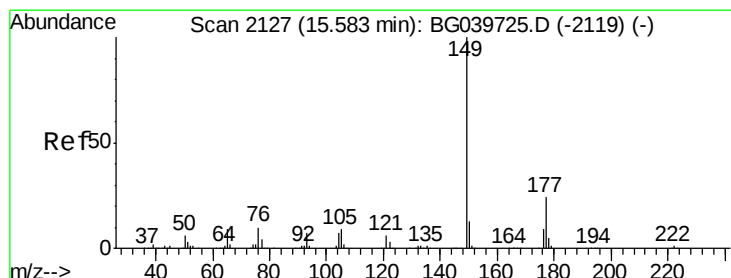
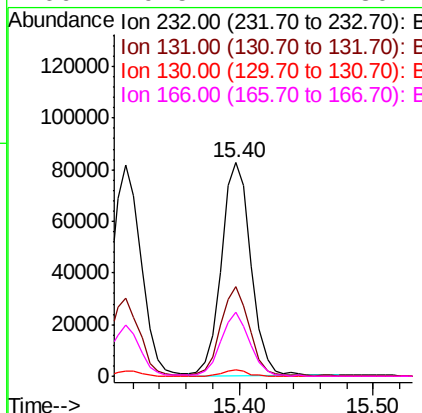
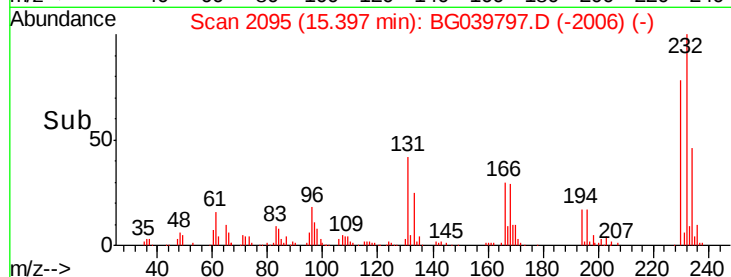
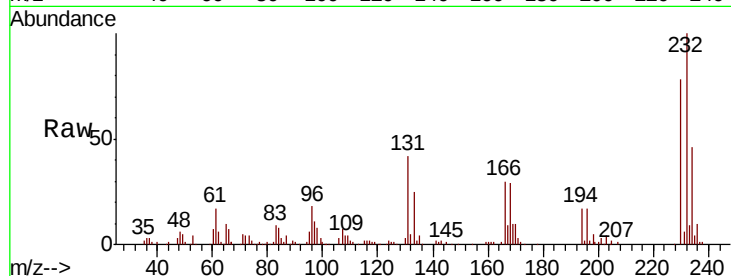
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.468 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.8	34.9	52.3
130	2.4	2.0	3.0
166	29.5	24.1	36.1

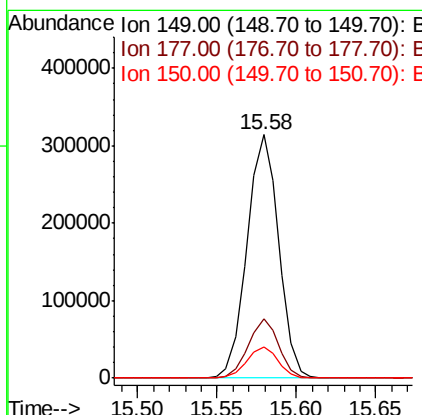
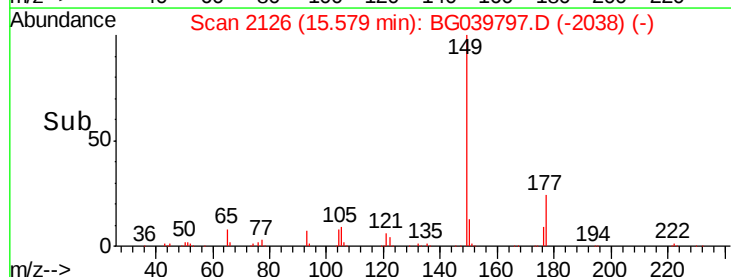
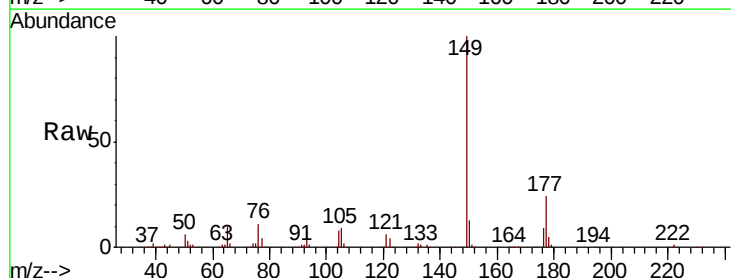
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#60
Diethylphthalate
Concen: 38.111 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.3	27.5
150	12.9	10.2	15.2





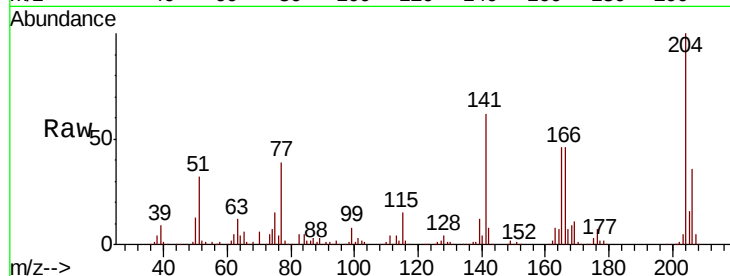
#61
4-Chlorophenyl-phenylether
Concen: 36.966 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	29.2	43.8
141	61.7	49.0	73.4

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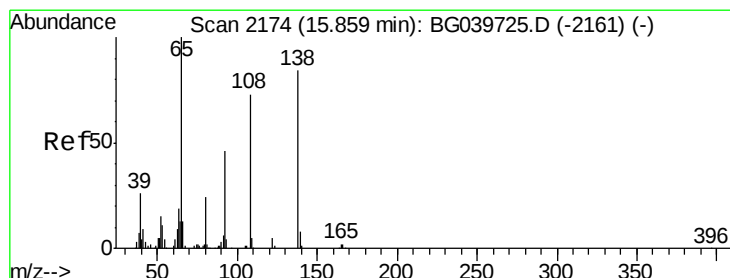
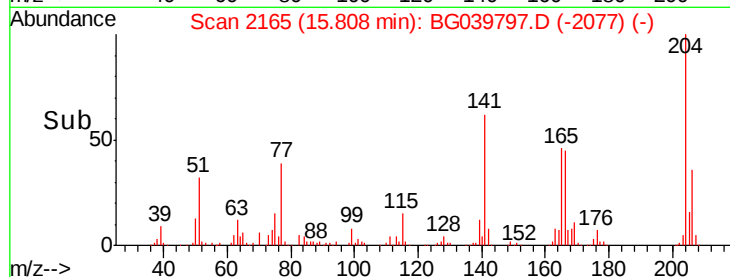
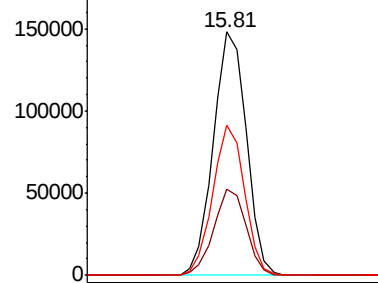


Abundance

Ion 204.00 (203.70 to 204.70): E

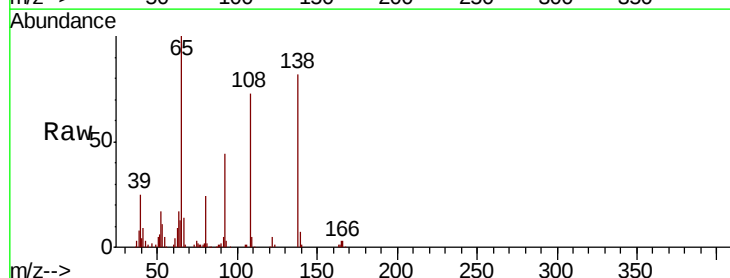
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.357 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	38.7	78.7
108	89.0	74.6	114.6

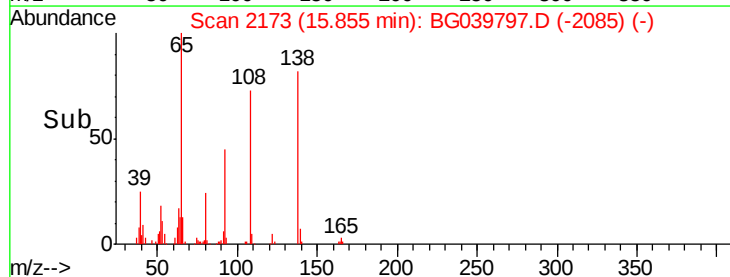
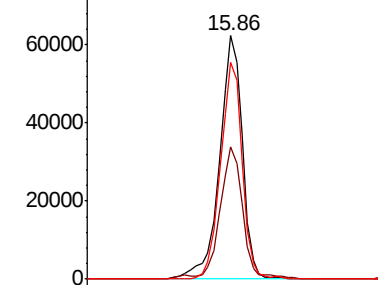


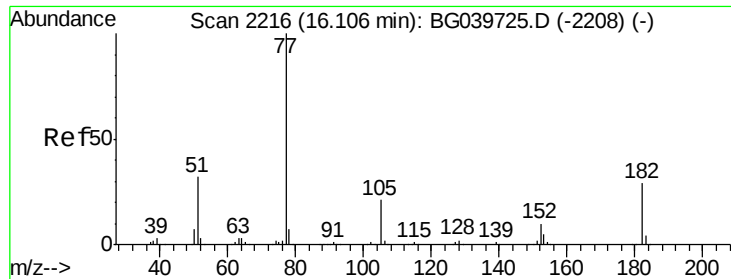
Abundance

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





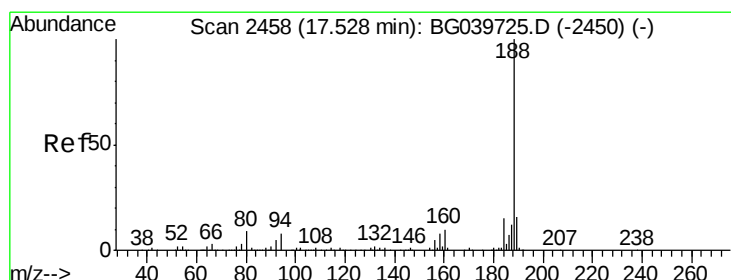
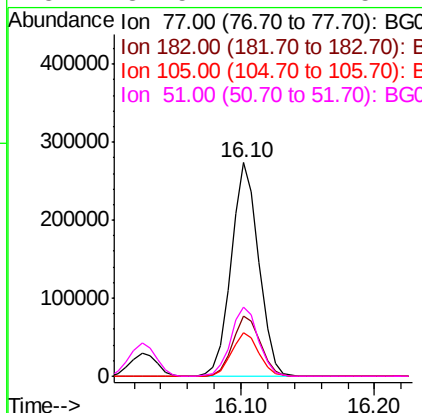
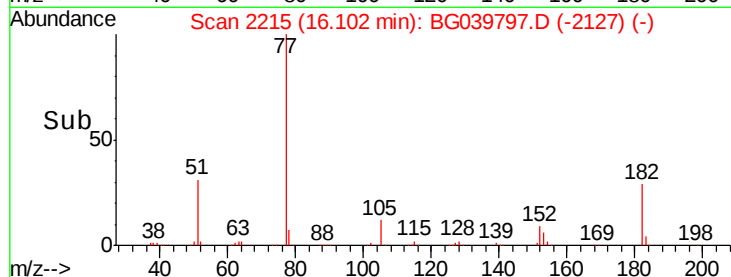
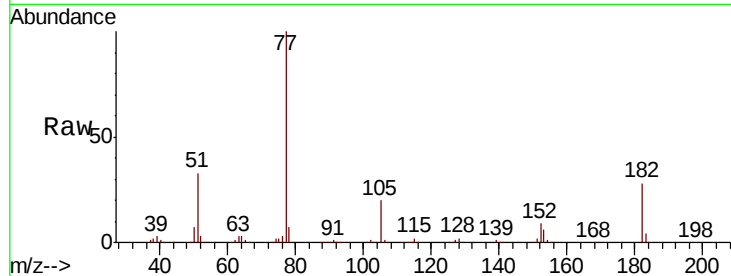
#63
Azobenzene
Concen: 37.873 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.1	6.4	46.4		
105	20.3	0.0	39.8		
51	32.5	14.1	54.1		

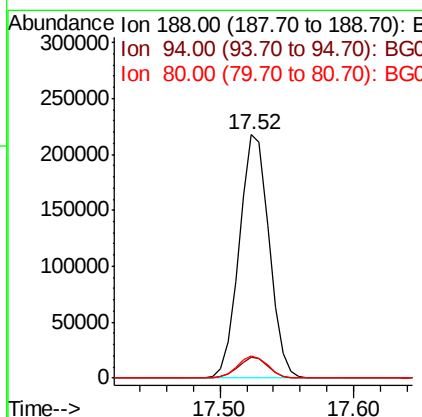
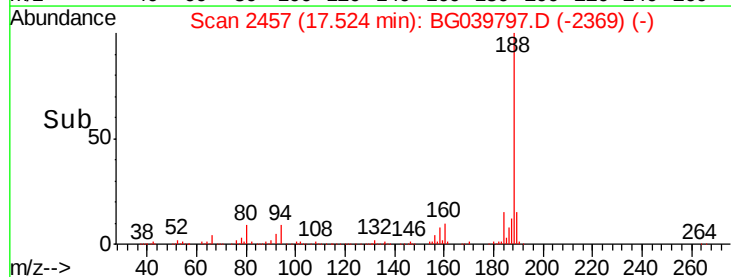
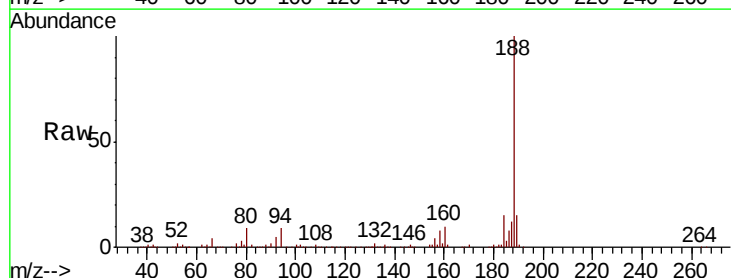
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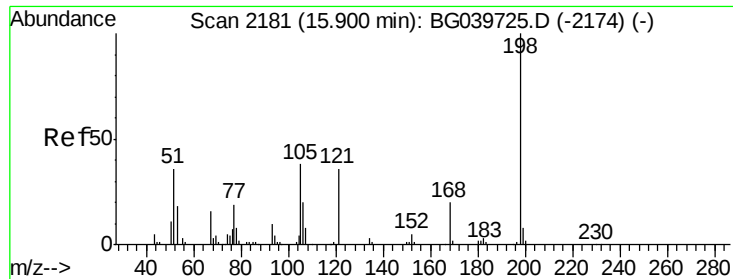
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.8	6.9	10.3		
80	8.9	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 32.192 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

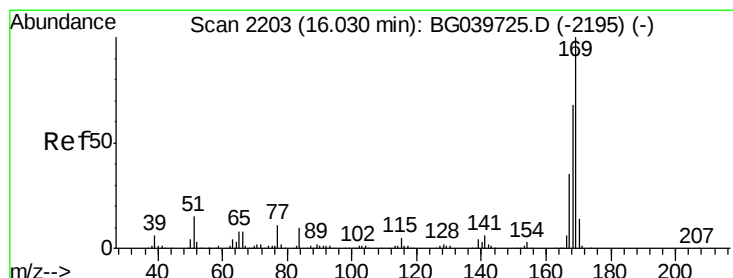
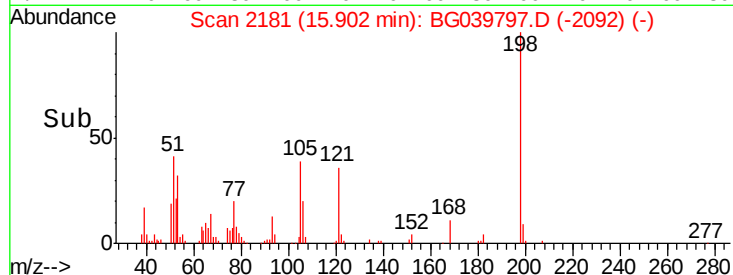
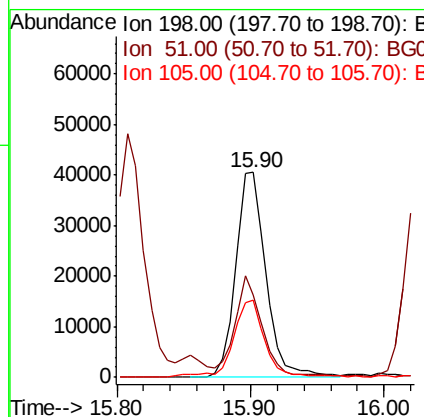
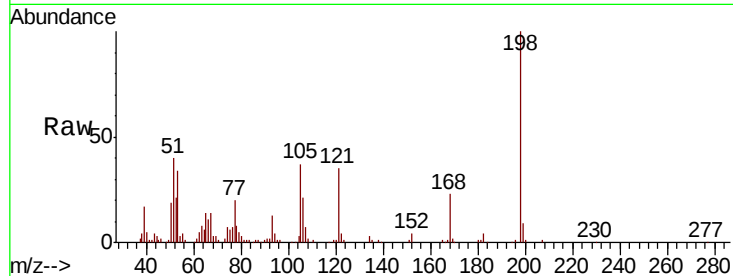
ClientSampleId :

PB117669BS

Tot Ion:	198	Resp:	63821
Ion Ratio	Lower	Upper	
198	100		
51	40.1	27.4	67.4
105	37.4	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 38.794 ng

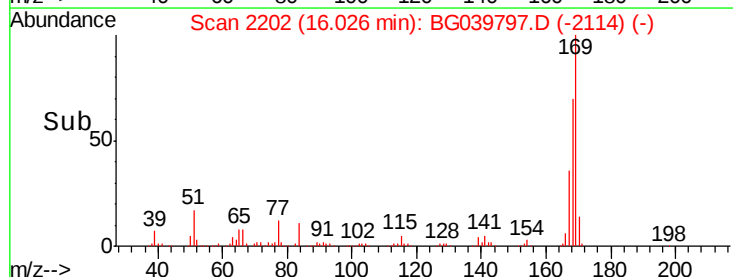
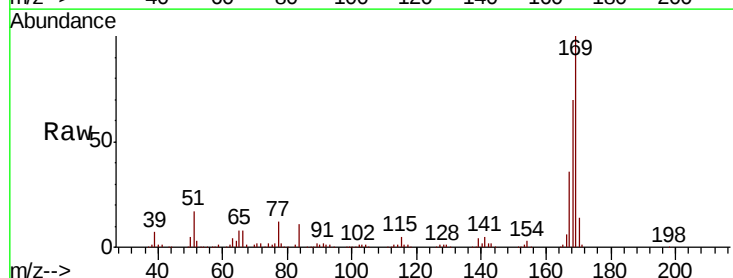
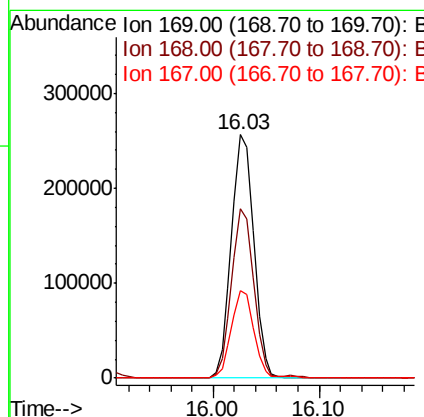
RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tgt Ion:	169	Resp:	376572
Ion Ratio	Lower	Upper	
169	100		
168	69.8	56.6	85.0
167	36.0	28.8	43.2





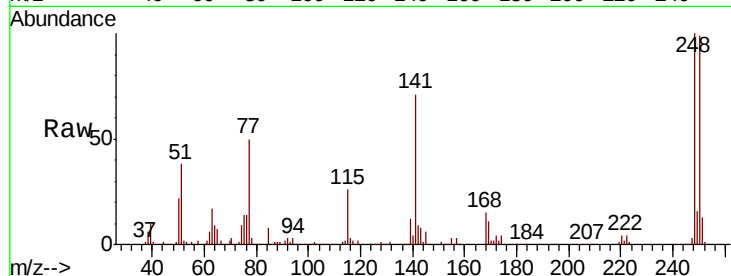
#67
4-Bromophenyl-phenylether
Concen: 37.601 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampled :
PB117669BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.6	116.4
141	71.3	63.9	95.9

Manual Integrations
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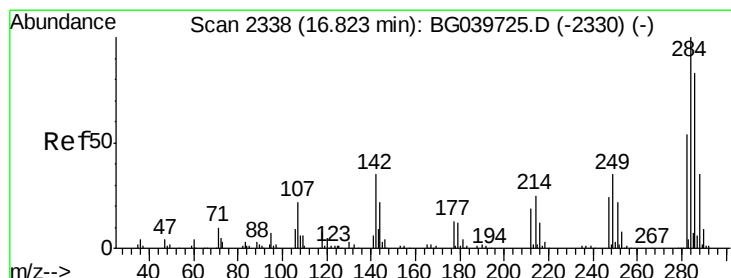
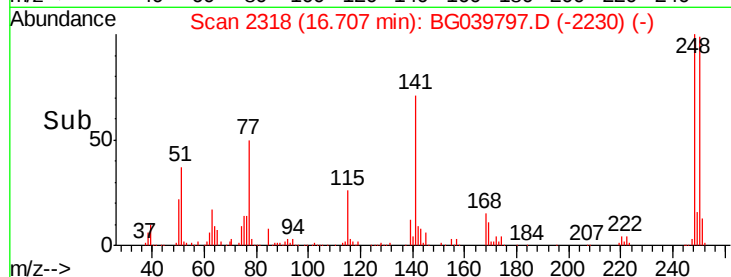
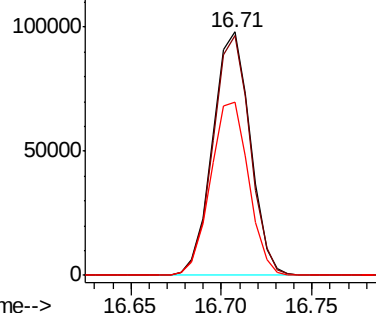


Abundance

Ion 248.00 (247.70 to 248.70): E

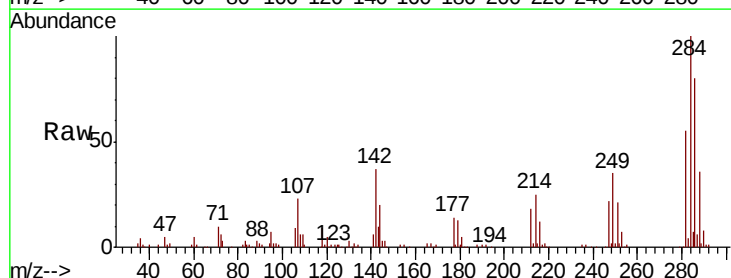
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.009 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.6	30.6	45.8
249	35.4	28.2	42.2

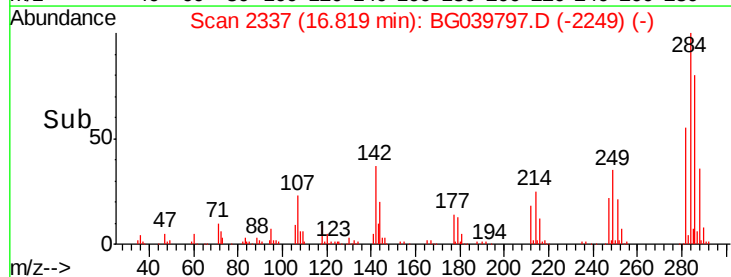
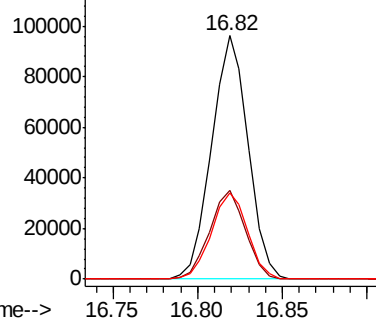


Abundance

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





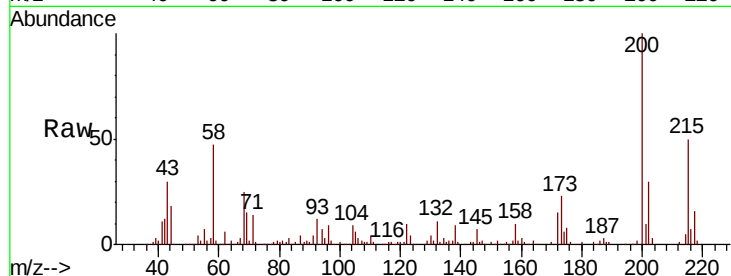
#69
 Atrazine
 Concen: 36.435 ng
 RT: 16.97 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampled :
 PB117669BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.4	3.9	43.9
215	49.7	30.9	70.9

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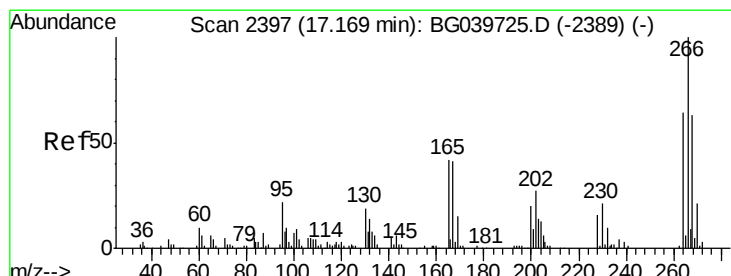
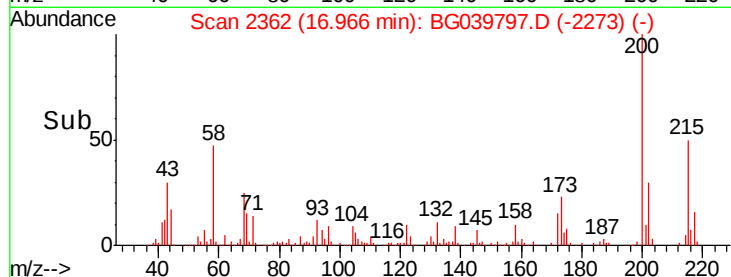
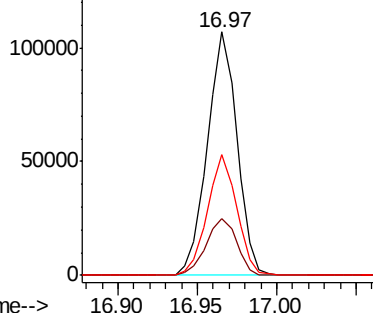


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 69.182 ng
 RT: 17.17 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

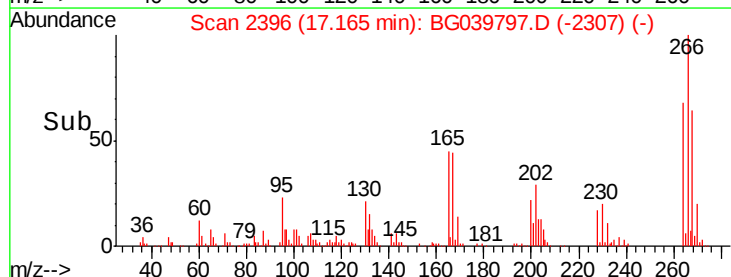
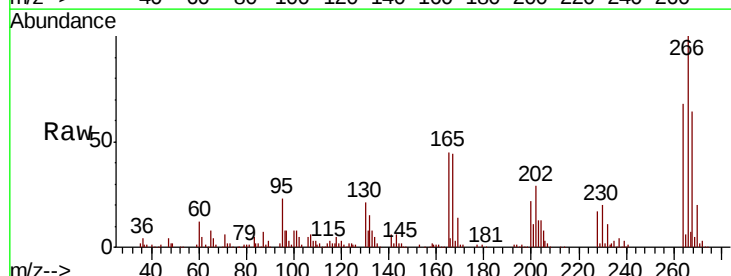
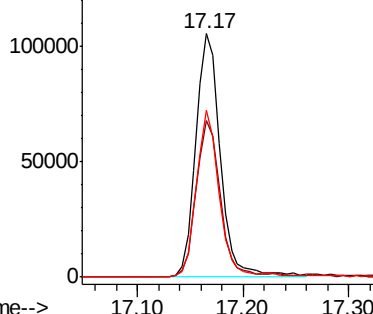
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.4	51.1	76.7
264	68.3	52.1	78.1

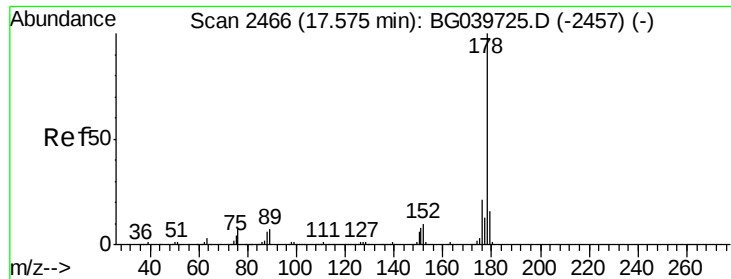
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





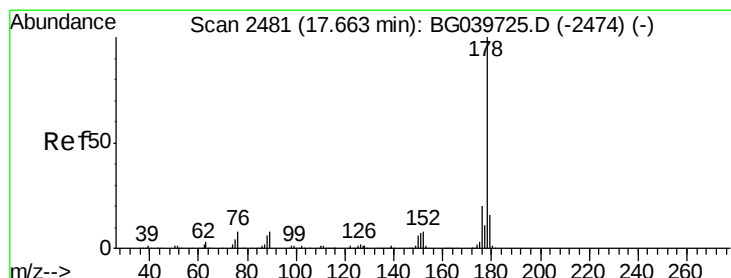
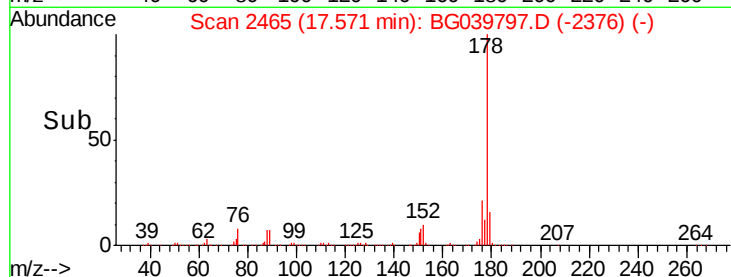
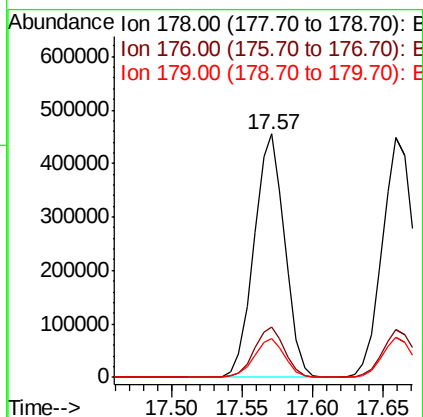
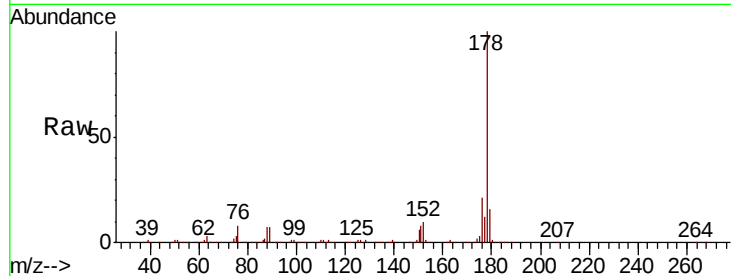
#71
Phenanthrene
Concen: 37.523 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	15.9	12.6	19.0

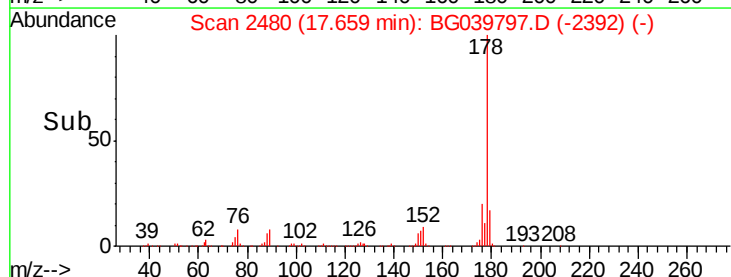
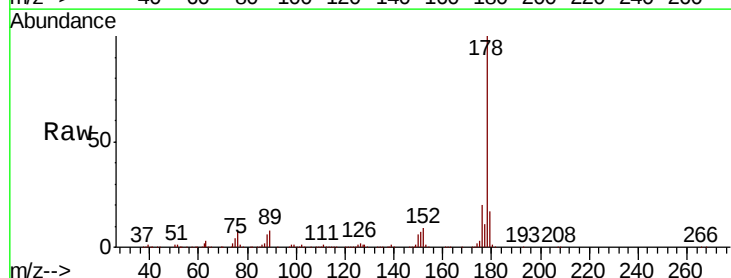
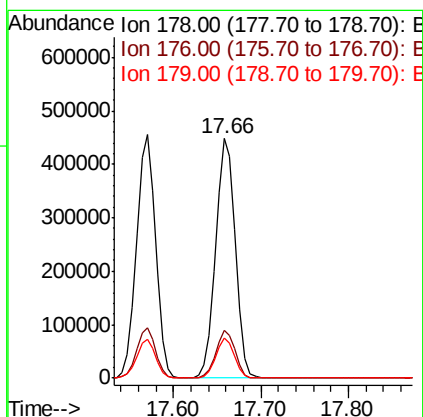
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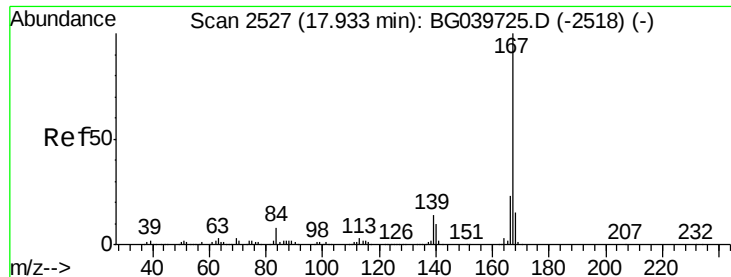
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#72
Anthracene
Concen: 38.768 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	16.9	12.5	18.7





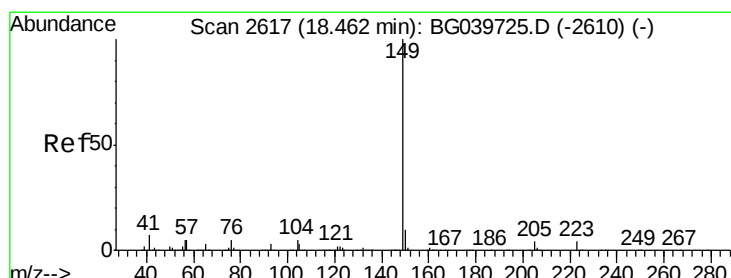
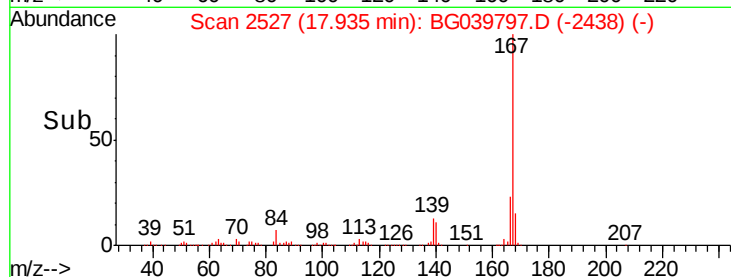
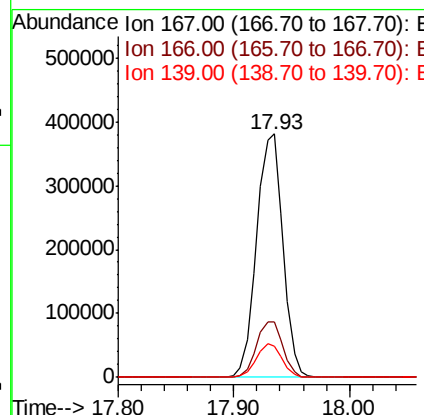
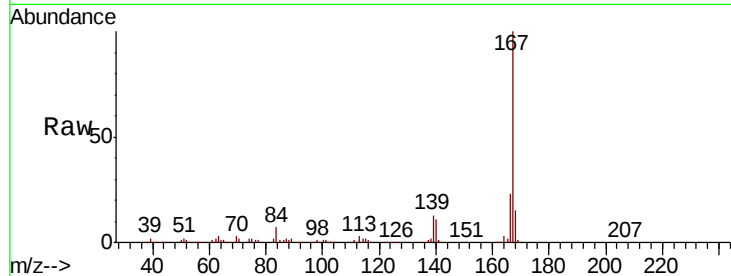
#73
 Carbazole
 Concen: 37.355 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.4	29.2
139	12.8	10.8	16.2

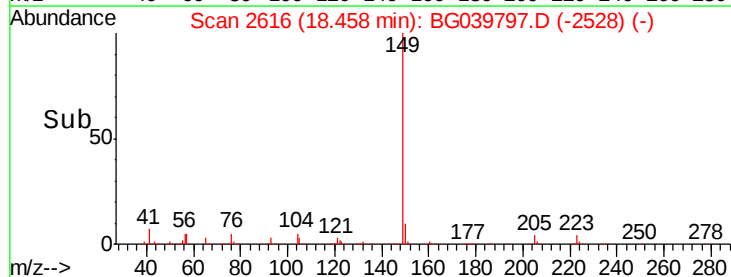
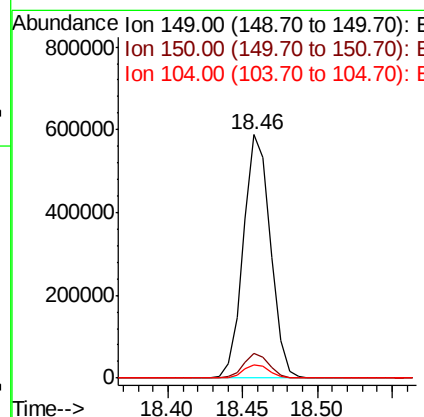
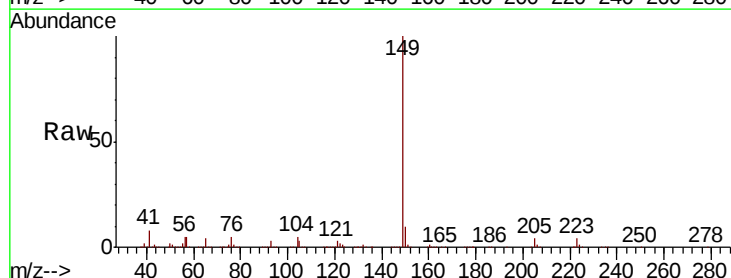
Manual Integrations
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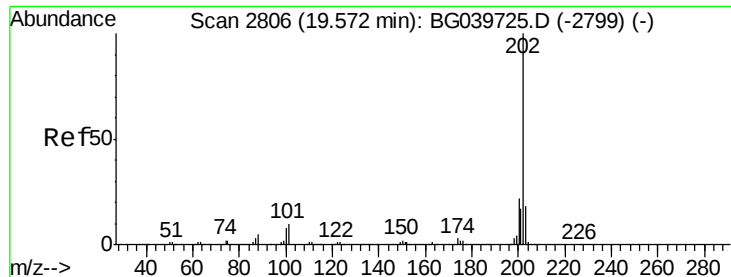
Sohil
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#74
 Di-n-butylphthalate
 Concen: 38.706 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039797.D
 Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.7	11.5
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 37.451 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

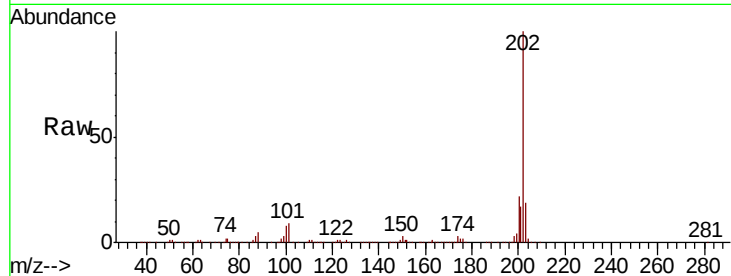
ClientSampleId :

PB117669BS

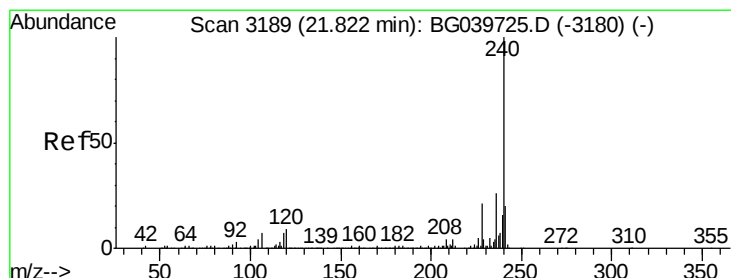
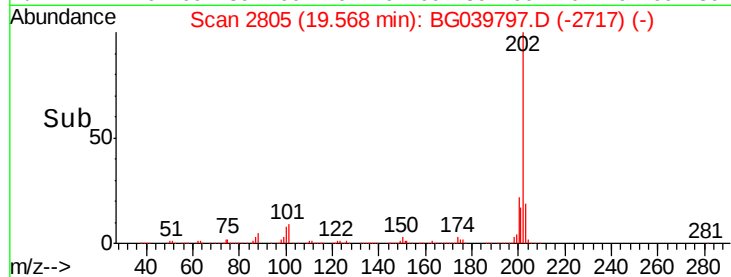
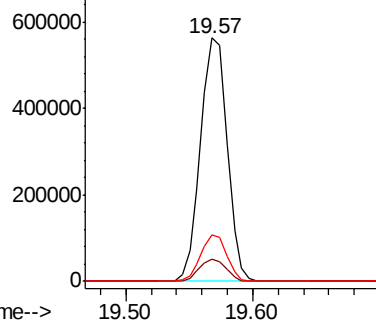
Tot Ion:	202	Resp:	817417
Ion Ratio		Lower	Upper
202	100		
101	9.4	0.0	30.0
203	19.1	0.0	38.9

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



#76

Chrysene-d12

Concen: 20.000 ng

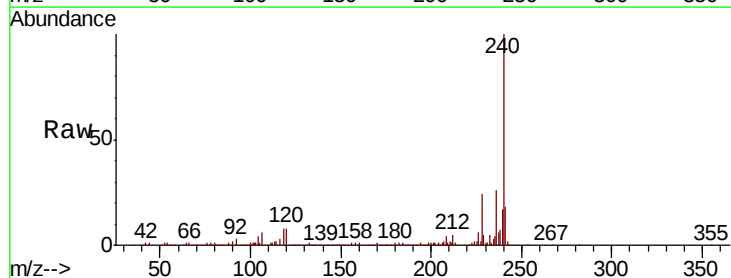
RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

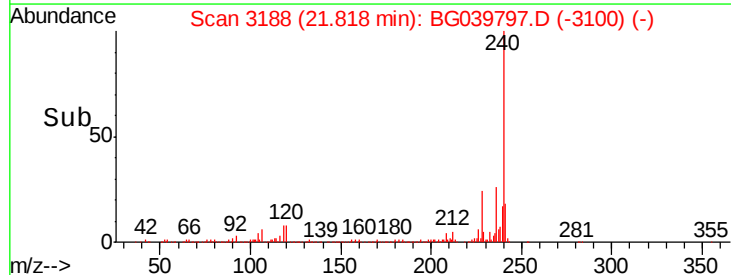
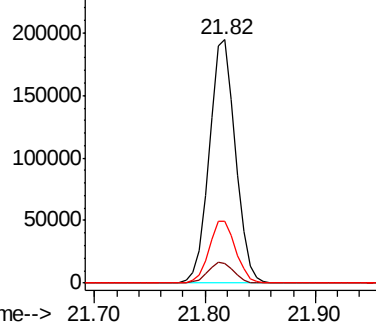
Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tgt Ion:	240	Resp:	324169
Ion Ratio		Lower	Upper
240	100		
120	8.2	7.0	10.6
236	25.6	21.0	31.4



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





#77

Benzidine

Concen: 26.803 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

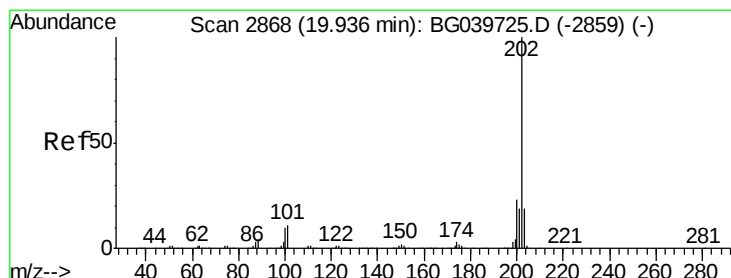
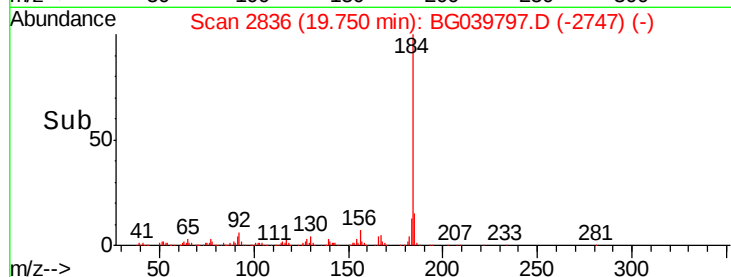
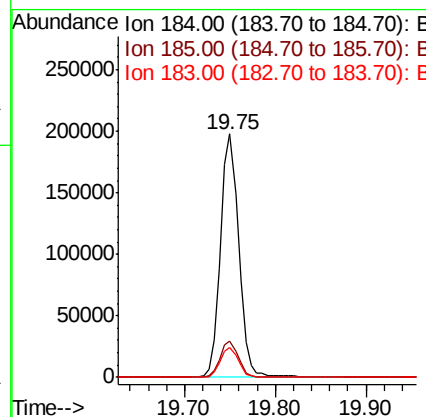
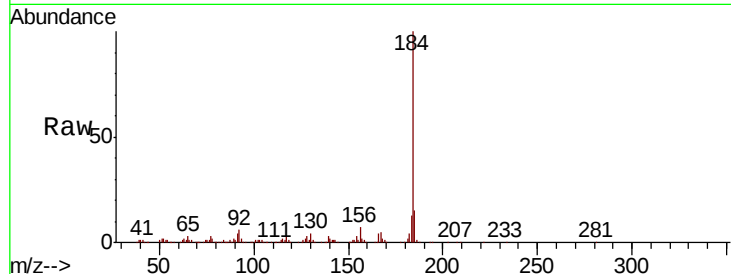
ClientSampled :

PB117669BS

Tot Ion:	184	Resp:	275718
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	12.5	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 38.449 ng

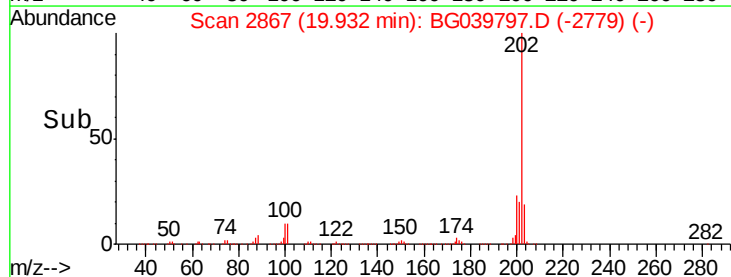
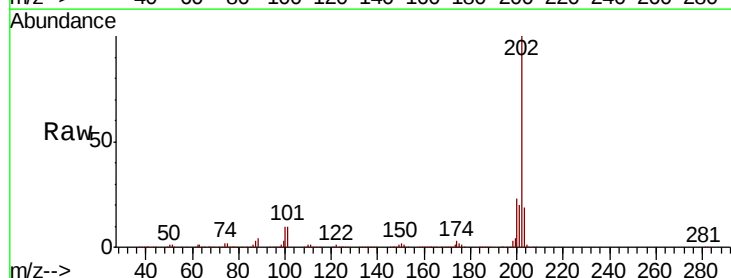
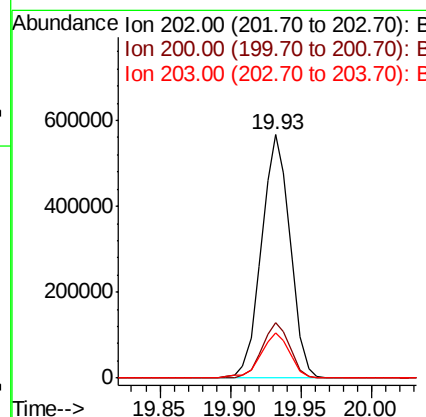
RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tgt Ion:	202	Resp:	809906
Ion Ratio	Lower	Upper	
202	100		
200	22.8	17.8	26.8
203	18.8	15.3	22.9





#79

Terphenyl-d14

Concen: 77.323 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

ClientSampled :

PB117669BS

Tot Ion:244 Resp: 1138424

Ion Ratio Lower Upper

244 100

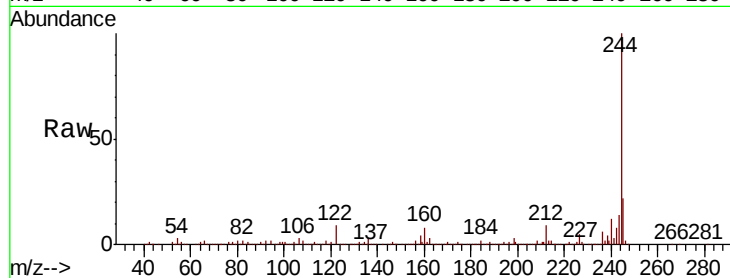
212 9.1 7.3 10.9

122 9.4 8.4 12.6

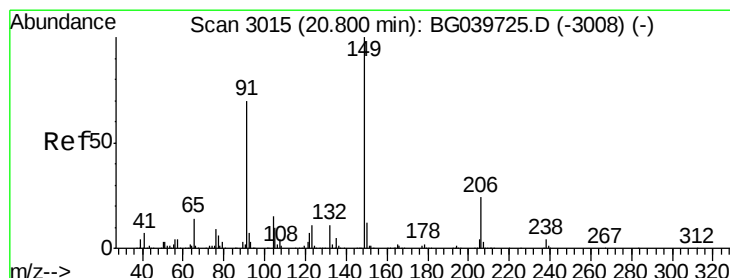
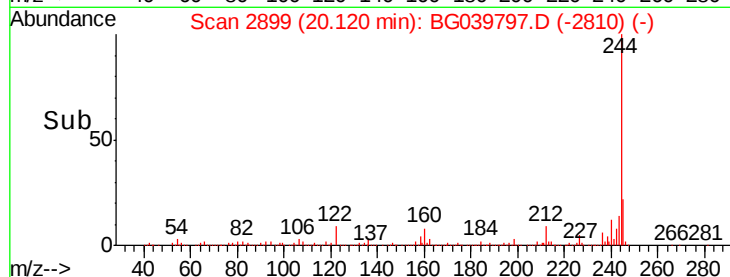
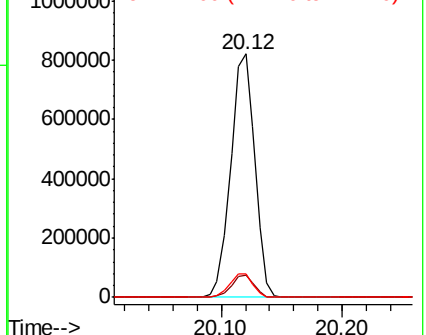
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.307 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

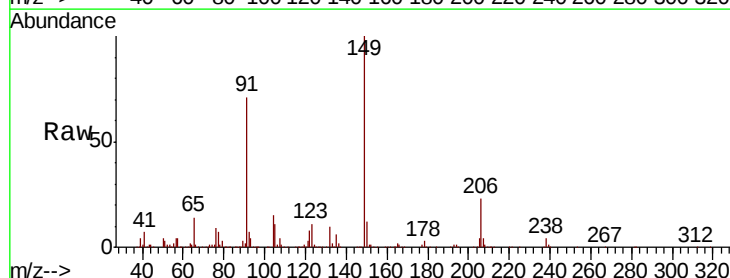
Tgt Ion:149 Resp: 337103

Ion Ratio Lower Upper

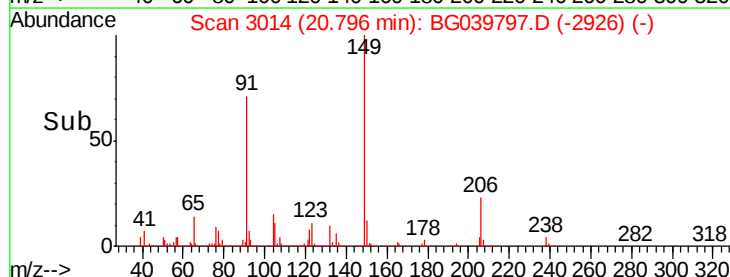
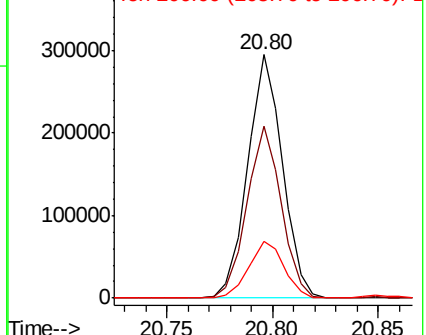
149 100

91 70.6 59.5 89.3

206 23.2 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





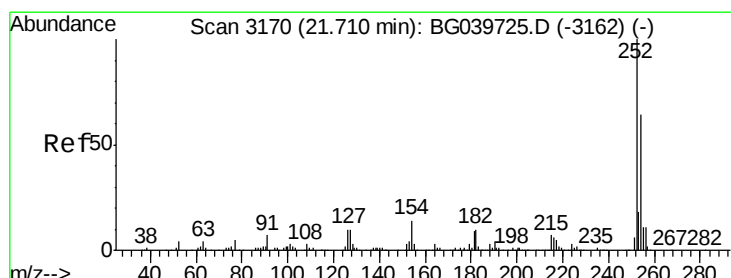
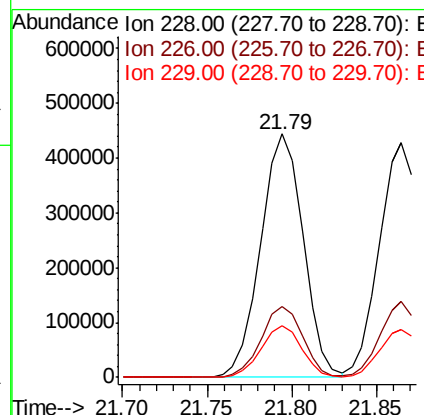
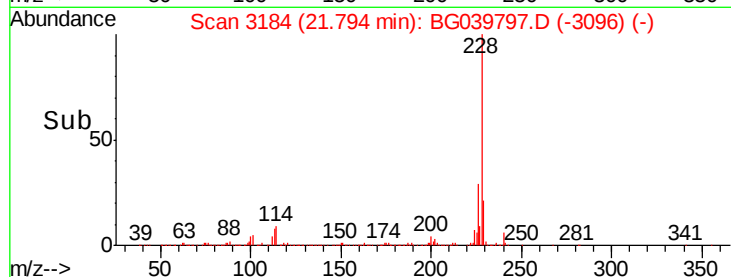
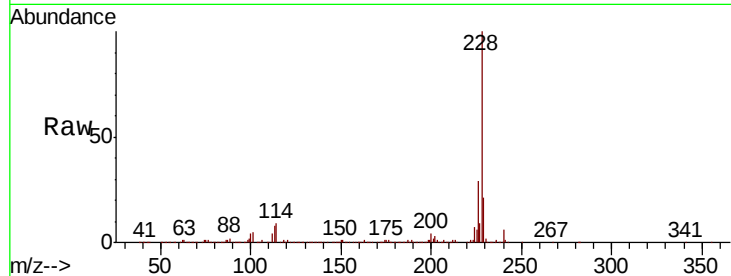
#81
Benzo(a)anthracene
Concen: 37.946 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	21.1	16.9	25.3

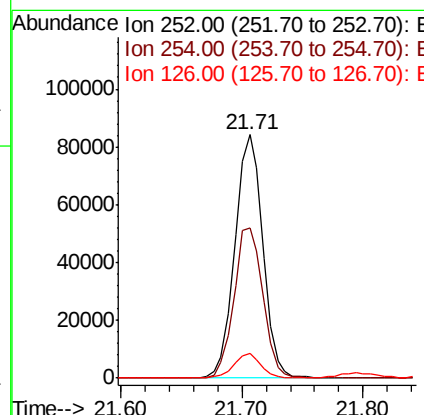
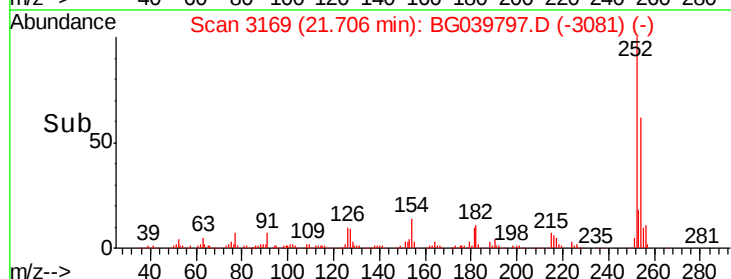
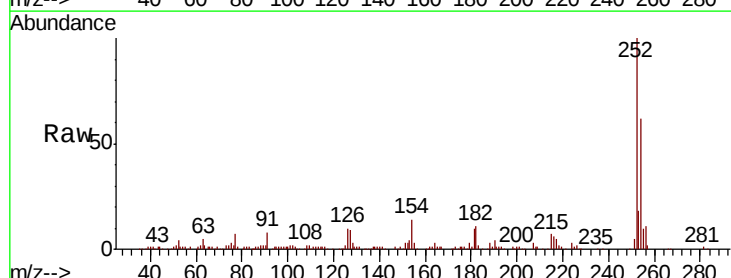
Manual Integrations
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#82
3,3'-Dichlorobenzidine
Concen: 18.249 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.9	51.3	76.9
126	10.1	8.0	12.0





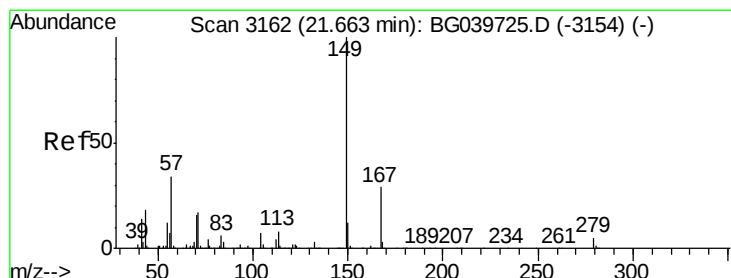
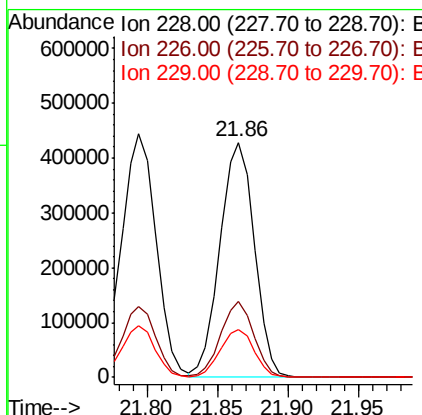
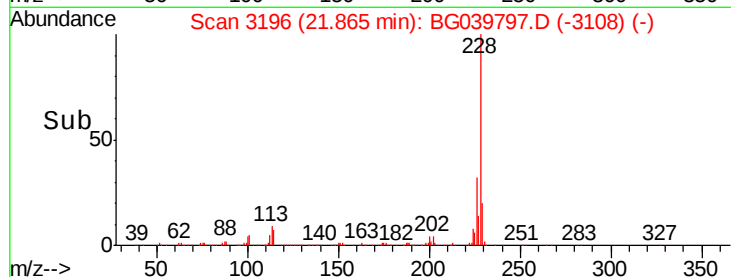
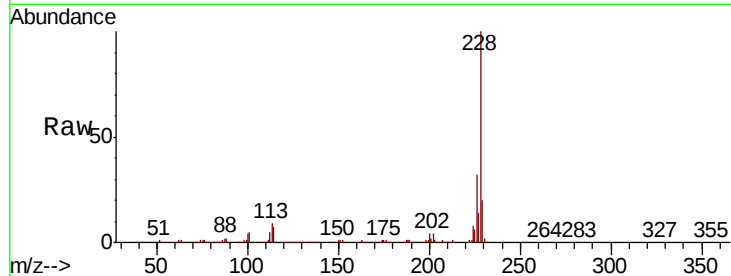
#83
Chrysene
Concen: 36.892 ng
RT: 21.86 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion:	228	Resp:	726648
Ion Ratio	Lower	Upper	
228	100		
226	32.0	25.8	38.6
229	20.1	16.6	25.0

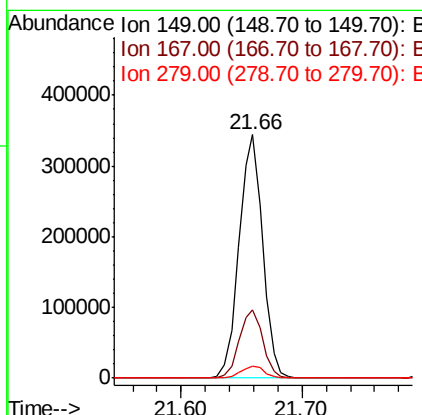
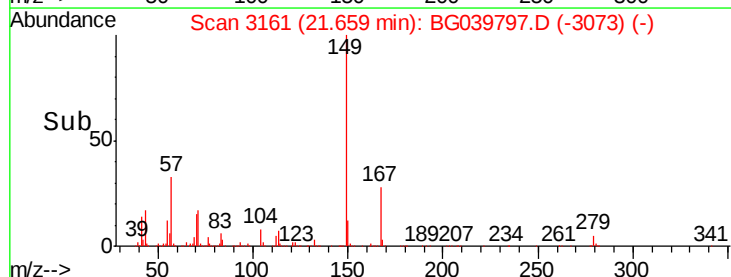
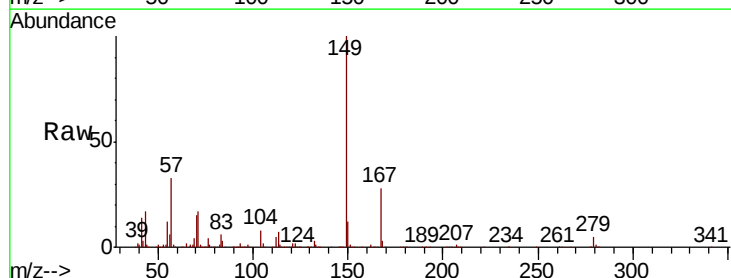
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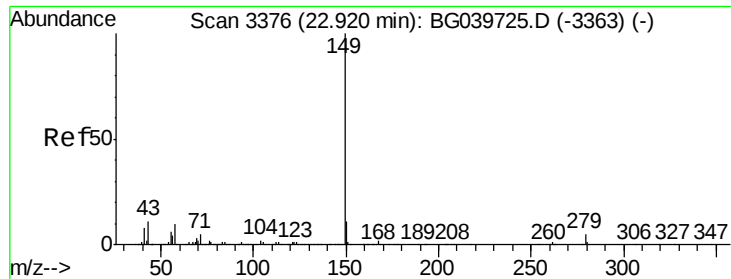
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.800 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion:	149	Resp:	467901
Ion Ratio	Lower	Upper	
149	100		
167	27.9	22.6	34.0
279	4.9	3.5	5.3





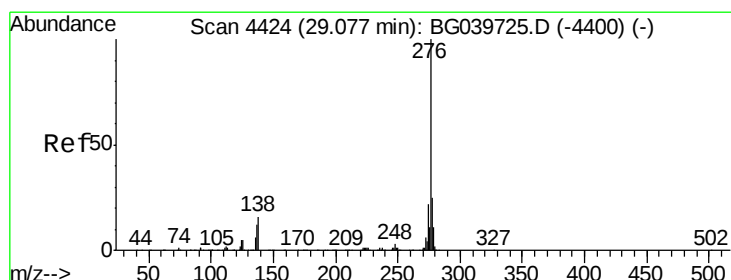
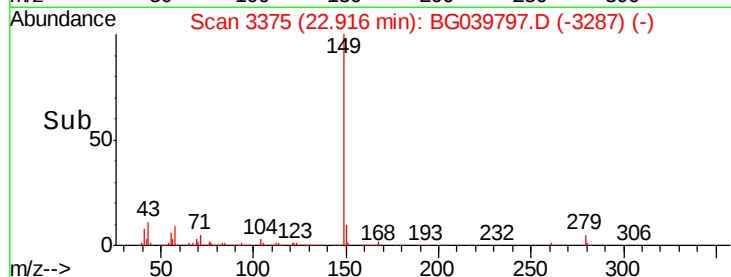
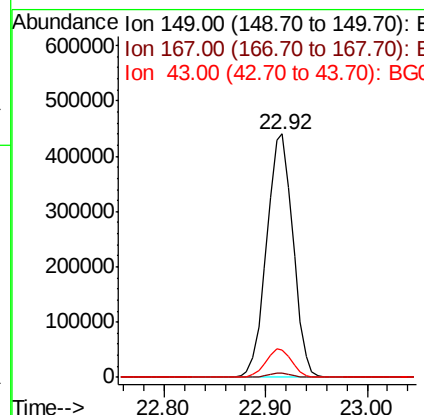
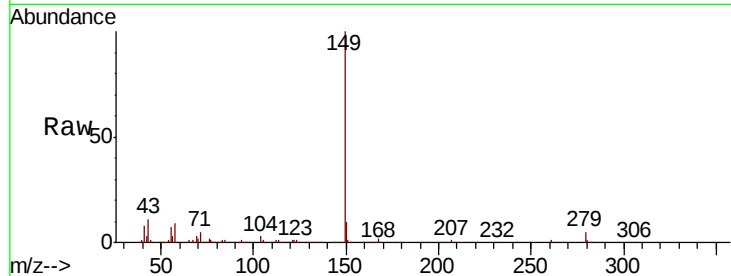
#85
Di-n-octyl phthalate
Concen: 41.844 ng
RT: 22.92 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.1	10.2	15.4

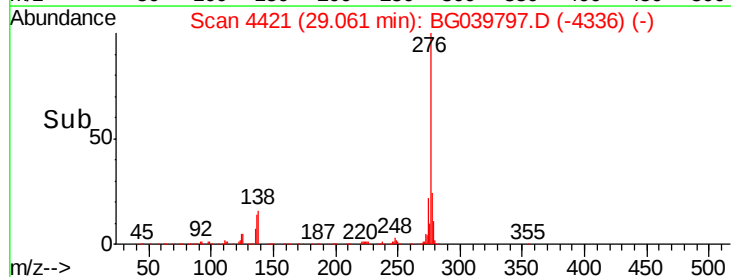
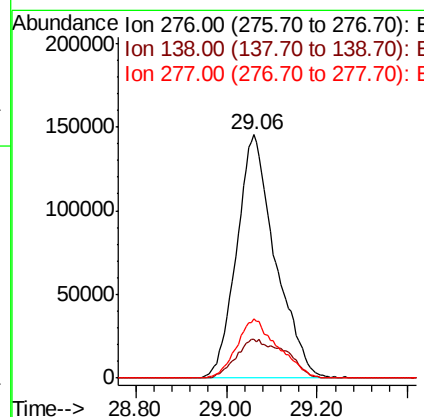
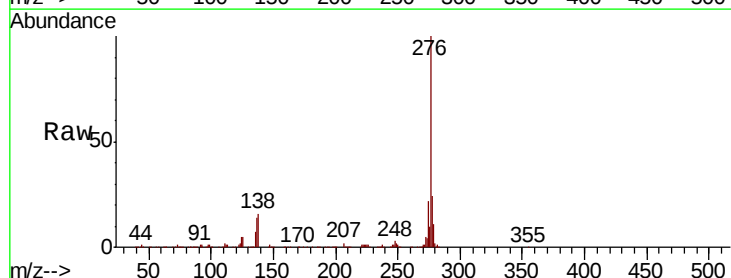
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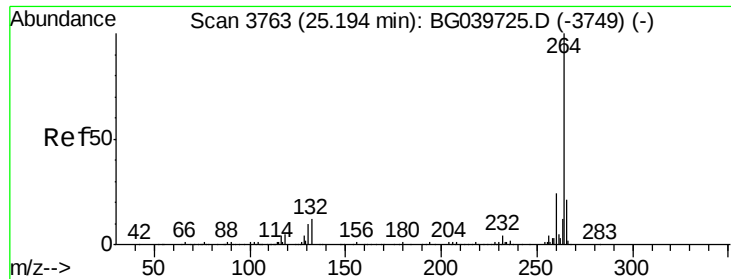
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.437 ng
RT: 29.06 min Scan# 4421
Delta R.T. -0.03 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	20.5	12.6	19.0#
277	26.0	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Instrument :

BNA_G

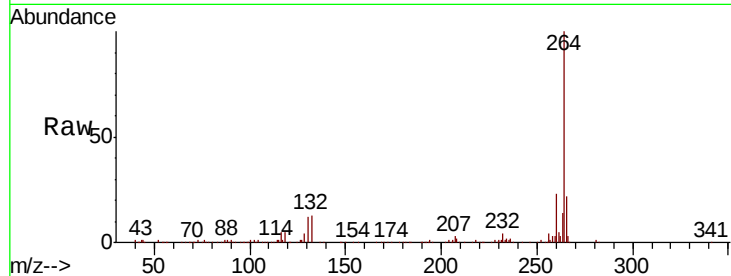
ClientSampleId :

PB117669BS

Tot Ion:	264	Resp:	334832
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.2	27.4
265	22.5	18.5	27.7

Manual Integrations
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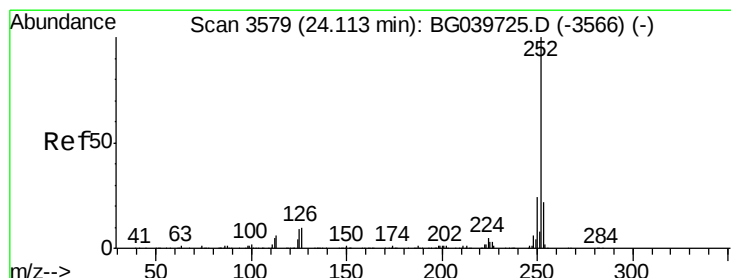
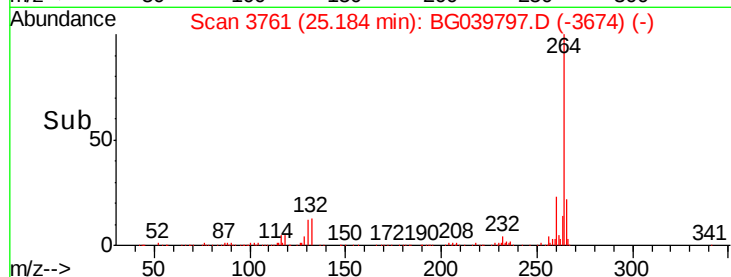
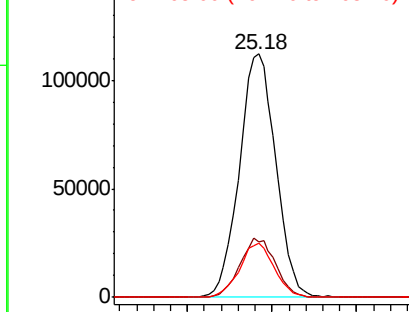


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.501 ng

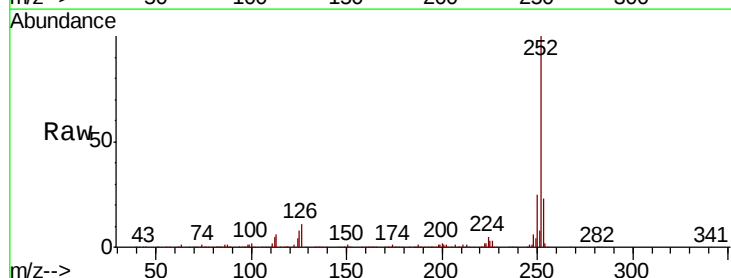
RT: 24.10 min Scan# 3577

Delta R.T. -0.02 min

Lab File: BG039797.D

Acq: 6 Mar 2019 21:24

Tgt Ion:	252	Resp:	748774
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	8.4	7.8	11.6

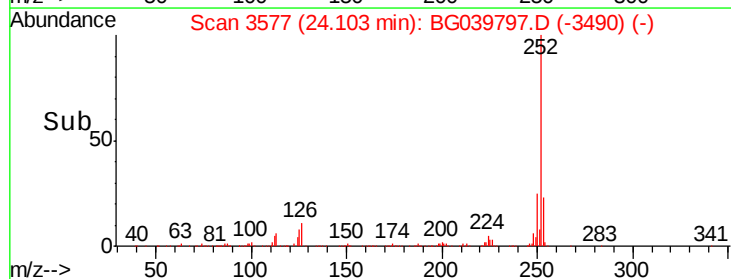
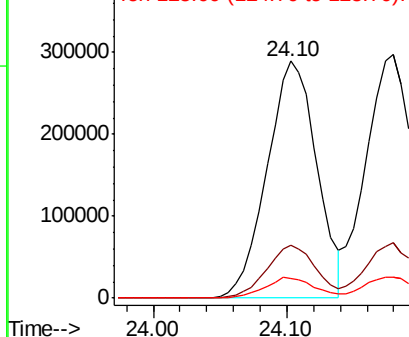


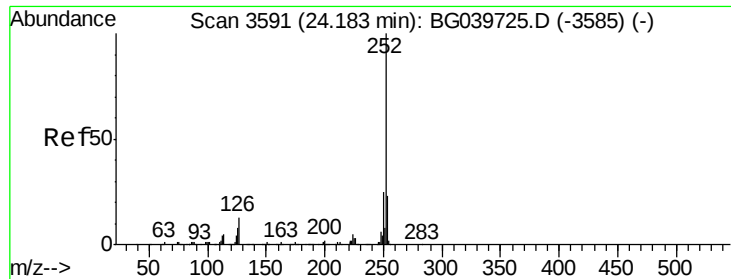
Abundance

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





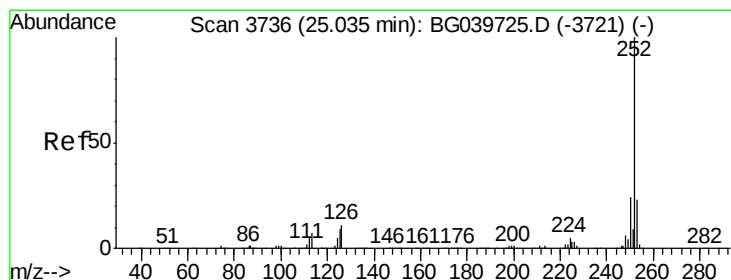
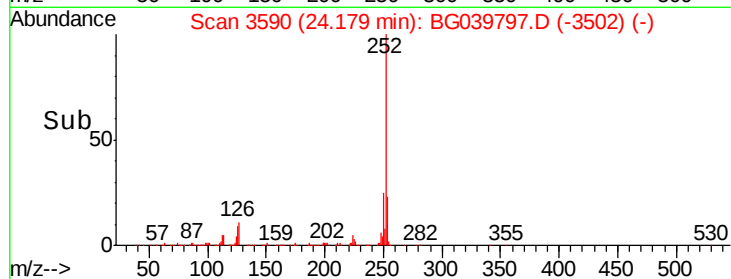
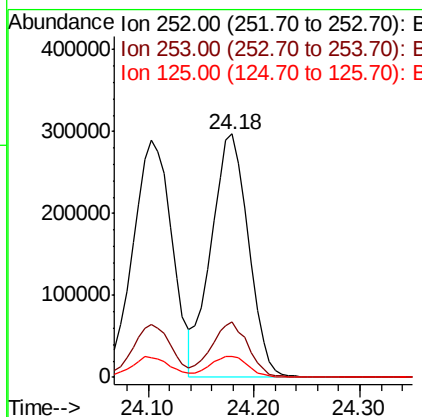
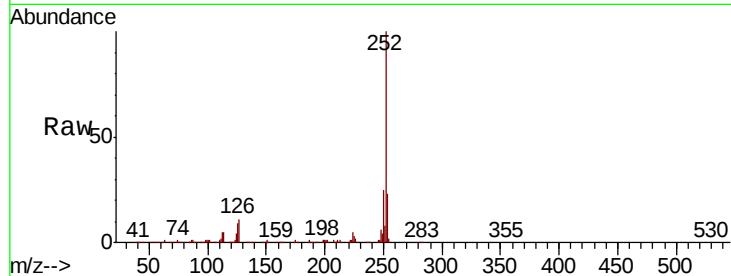
#89
Benzo(k)fluoranthene
Concen: 39.176 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	8.7	7.4	11.2

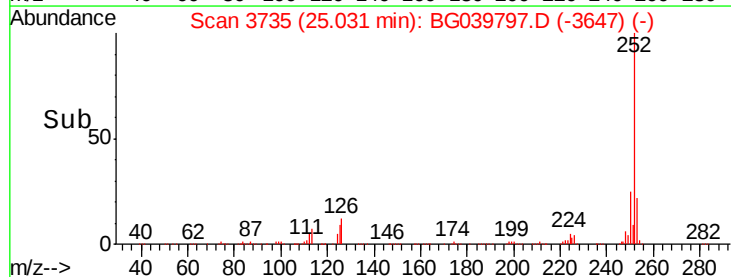
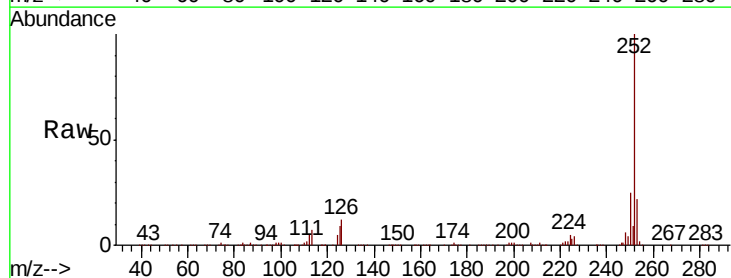
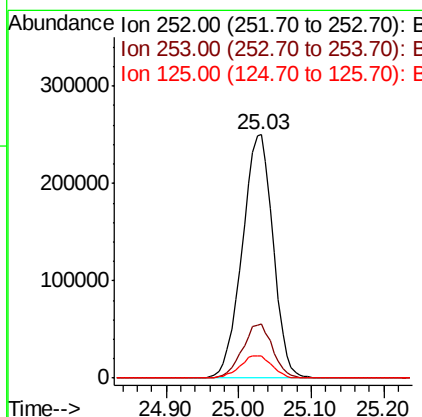
Manual Integrations
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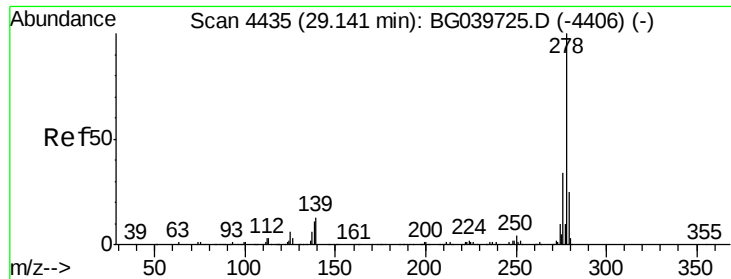
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#90
Benzo(a)pyrene
Concen: 39.999 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	8.9	8.3	12.5





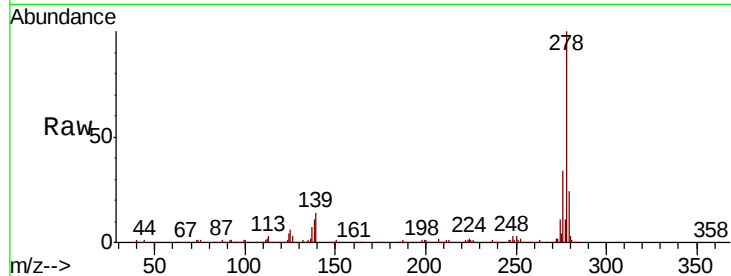
#91
Dibenzo(a,h)anthracene
Concen: 38.231 ng
RT: 29.13 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Instrument :
BNA_G
ClientSampleId :
PB117669BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.7	17.5
279	24.5	19.1	28.7

Manual Integrations
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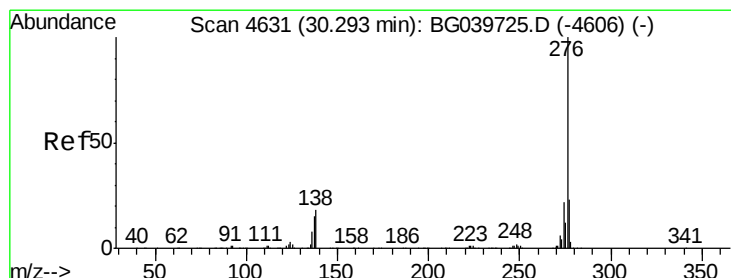
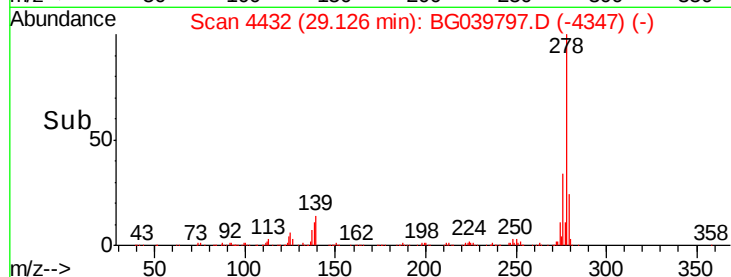
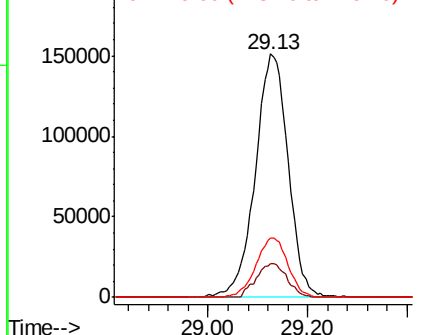


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.054 ng
RT: 30.28 min Scan# 4629
Delta R.T. -0.03 min
Lab File: BG039797.D
Acq: 6 Mar 2019 21:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	17.8	14.7	22.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

