

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
 Data File : BG039977.D
 Acq On : 18 Mar 2019 19:56
 Operator : JU/SJ
 Sample : PB117983BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117983BS

Quant Time: Mar 19 07:49:55 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	8.14	152	47564	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	206778	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	134804	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	321914	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	321858	20.00	ng	-0.02
87) Perylene-d12	25.17	264	320681	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	380461	136.46	ng	-0.02
7) Phenol-d6	7.30	99	533753	128.40	ng	-0.02
23) Nitrobenzene-d5	9.32	82	309479	80.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	199904	127.23	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	720343	76.08	ng	-0.02
79) Terphenyl-d14	20.11	244	1110676	75.98	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	41592	32.313	ng	98
3) Pyridine	3.98	79	96013	27.863	ng	98
4) n-Nitrosodimethylamine	3.90	42	65253	39.917	ng	# 93
6) Aniline	7.47	93	162376	29.813	ng	98
8) 2-Chlorophenol	7.71	128	133596	39.497	ng	97
9) Benzaldehyde	7.29	77	70645	26.344	ng	96
10) Phenol	7.32	94	177621	39.441	ng	96
11) bis(2-Chloroethyl)ether	7.56	93	129834	36.977	ng	99
12) 1,3-Dichlorobenzene	8.03	146	138870	36.302	ng	99
13) 1,4-Dichlorobenzene	8.18	146	140233	35.989	ng	99
14) 1,2-Dichlorobenzene	8.50	146	137620	36.555	ng	97
15) Benzyl Alcohol	8.38	79	128624	39.005	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	273301	38.918	ng	99
17) 2-Methylphenol	8.58	107	116728	40.649	ng	98
18) Hexachloroethane	9.22	117	51493	36.830	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	106071	35.449	ng	98
20) 3+4-Methylphenols	8.91	107	156263	39.171	ng	98
22) Acetophenone	8.98	105	201208	36.255	ng	# 96
24) Nitrobenzene	9.36	77	161765	40.332	ng	97
25) Isophorone	9.88	82	298473	37.258	ng	99
26) 2-Nitrophenol	10.08	139	76293	39.397	ng	# 91
27) 2,4-Dimethylphenol	10.12	122	134047	44.507	ng	94
28) bis(2-Chloroethoxy)methane	10.36	93	179285	36.827	ng	97
29) 2,4-Dichlorophenol	10.60	162	144385	42.579	ng	91
30) 1,2,4-Trichlorobenzene	10.82	180	148859	39.012	ng	98
31) Naphthalene	11.02	128	415990	37.997	ng	100
32) Benzoic acid	10.26	122	66847	34.480	ng	95
33) 4-Chloroaniline	11.13	127	103159	22.221	ng	99
34) Hexachlorobutadiene	11.27	225	98485	37.770	ng	95
35) Caprolactam	11.92	113	28858	22.278	ng	90
36) 4-Chloro-3-methylphenol	12.23	107	153586	39.511	ng	99
37) 2-Methylnaphthalene	12.61	142	311267	38.029	ng	97
38) 1-Methylnaphthalene	12.83	142	296890	37.324	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	173981	38.097	ng	98

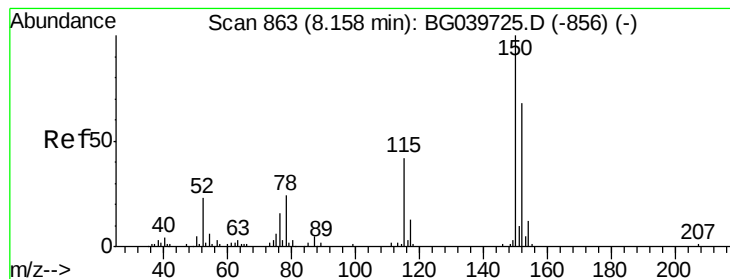
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	235195	96.101	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	115678	43.266	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	122007	40.484	ng	97
46) 1,1'-Biphenyl	13.61	154	419811	37.864	ng	98
47) 2-Chloronaphthalene	13.66	162	325733	39.052	ng	99
48) 2-Nitroaniline	13.86	65	114235	42.616	ng	96
49) Acenaphthylene	14.50	152	515145	37.622	ng	99
50) Dimethylphthalate	14.22	163	427921	37.963	ng	98
51) 2,6-Dinitrotoluene	14.35	165	94225	39.430	ng	99
52) Acenaphthene	14.84	154	312719	37.946	ng	99
53) 3-Nitroaniline	14.69	138	68897	28.682	ng	# 98
54) 2,4-Dinitrophenol	14.89	184	75180	51.866	ng	92
55) Dibenzofuran	15.17	168	516195	38.176	ng	98
56) 4-Nitrophenol	14.98	139	153024	71.212	ng	96
57) 2,4-Dinitrotoluene	15.14	165	136768	40.732	ng	88
58) Fluorene	15.81	166	406321	38.225	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	121270	41.203	ng	100
60) Diethylphthalate	15.57	149	436716	39.137	ng	100
61) 4-Chlorophenyl-phenylether	15.80	204	217195	38.291	ng	99
62) 4-Nitroaniline	15.85	138	98358	37.770	ng	98
63) Azobenzene	16.10	77	399432	39.489	ng	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	70555	37.068	ng	98
66) n-Nitrosodiphenylamine	16.02	169	368185	39.507	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	139309	38.661	ng	96
68) Hexachlorobenzene	16.81	284	144386	38.657	ng	95
69) Atrazine	16.96	200	139633	38.070	ng	96
70) Pentachlorophenol	17.16	266	173036	73.355	ng	99
71) Phenanthrene	17.56	178	678605	38.271	ng	99
72) Anthracene	17.65	178	684814	39.633	ng	100
73) Carbazole	17.92	167	593125	38.076	ng	99
74) Di-n-butylphthalate	18.45	149	716919	39.117	ng	99
75) Fluoranthene	19.56	202	799749	38.164	ng	98
77) Benzidine	19.74	184	315951	30.935	ng	99
78) Pyrene	19.93	202	795416	38.032	ng	99
80) Butylbenzylphthalate	20.78	149	333883	41.206	ng	98
81) Benzo(a)anthracene	21.78	228	781518	38.743	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	195130	26.496	ng	99
83) Chrysene	21.85	228	744575	38.074	ng	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	469143	41.202	ng	98
85) Di-n-octyl phthalate	22.90	149	796490	42.247	ng	97
86) Indeno(1,2,3-cd)pyrene	29.04	276	873811	39.387	ng	# 96
88) Benzo(b)fluoranthene	24.09	252	784910	41.046	ng	98
89) Benzo(k)fluoranthene	24.16	252	734808	41.280	ng	99
90) Benzo(a)pyrene	25.01	252	753612	42.648	ng	99
91) Dibenzo(a,h)anthracene	29.10	278	706296	40.771	ng	97
92) Benzo(g,h,i)perylene	30.27	276	721463	41.467	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

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ClientSampleId :

PB117983BS

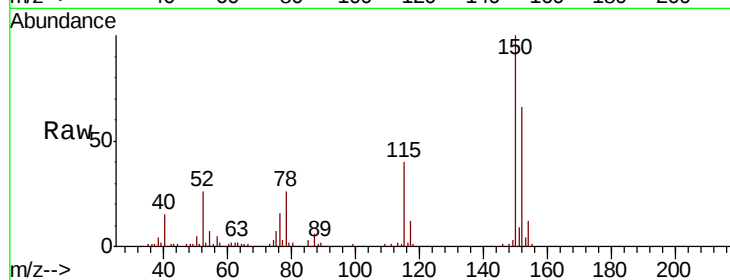
Tgt Ion:152 Resp: 47564

Ion Ratio Lower Upper

152 100

150 152.6 123.7 185.5

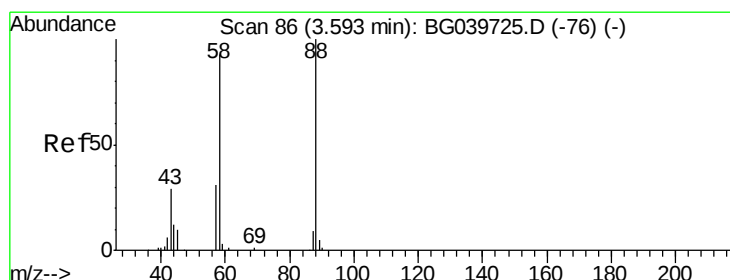
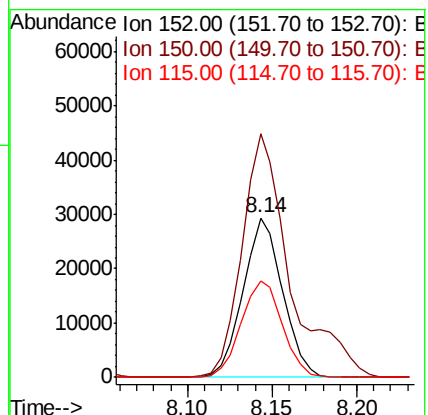
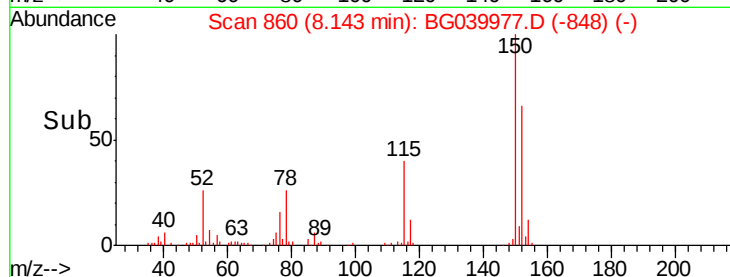
115 60.8 45.9 68.9



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: 32.313 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.03 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

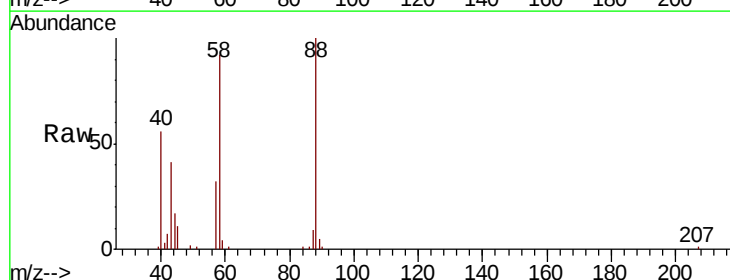
Tgt Ion: 88 Resp: 41592

Ion Ratio Lower Upper

88 100

58 100.2 81.1 121.7

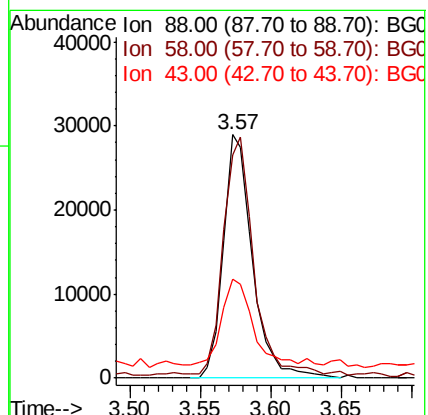
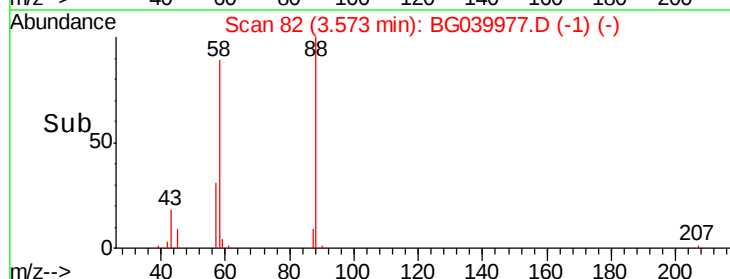
43 41.8 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.863 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

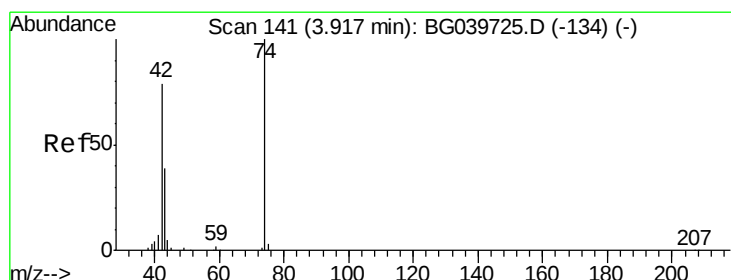
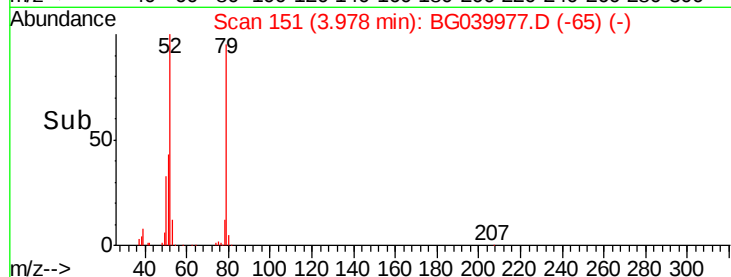
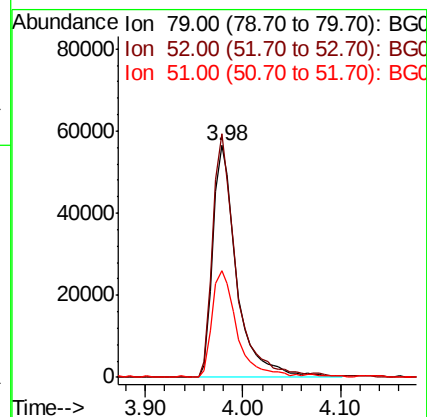
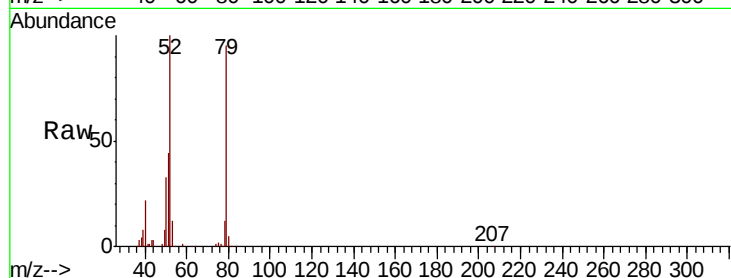
Tgt Ion: 79 Resp: 96013

Ion Ratio Lower Upper

79 100

52 105.0 82.6 124.0

51 45.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 39.917 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

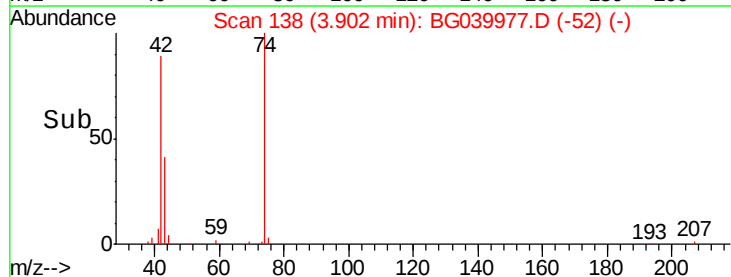
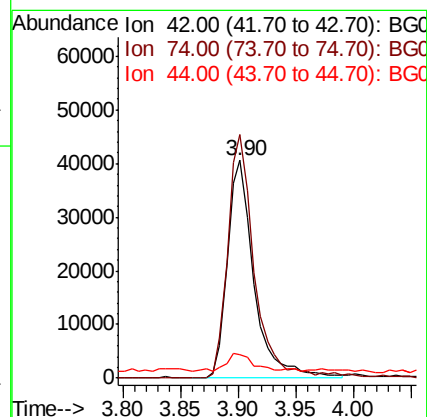
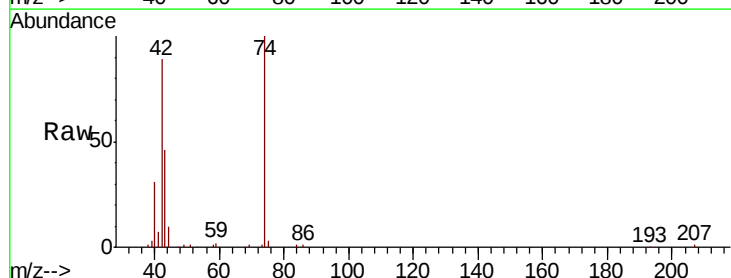
Tgt Ion: 42 Resp: 65253

Ion Ratio Lower Upper

42 100

74 111.9 83.6 125.4

44 10.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 136.462 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

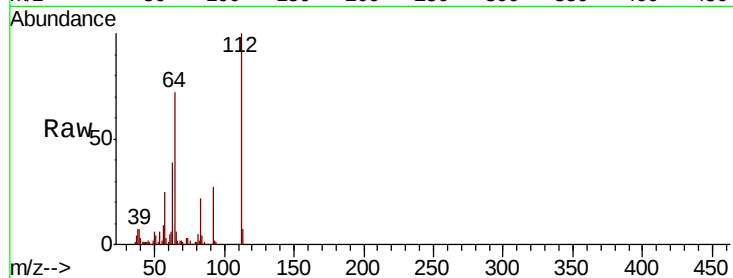
Tgt Ion: 112 Resp: 380461

Ion Ratio Lower Upper

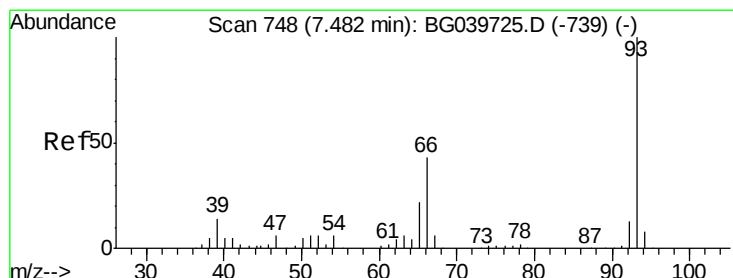
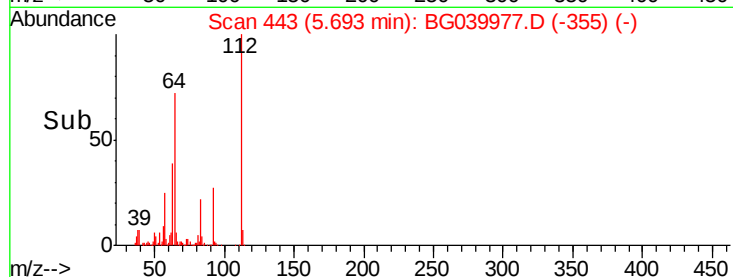
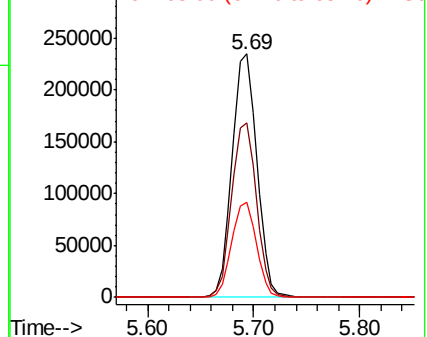
112 100

64 71.7 57.8 86.8

63 39.3 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.813 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

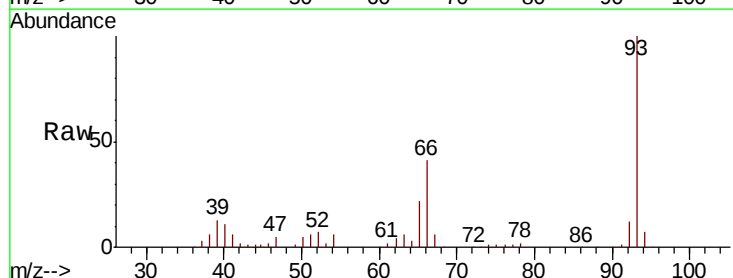
Tgt Ion: 93 Resp: 162376

Ion Ratio Lower Upper

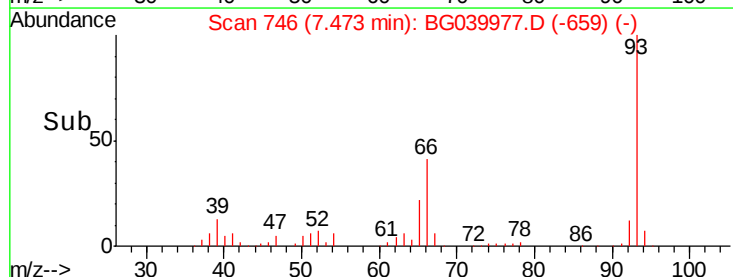
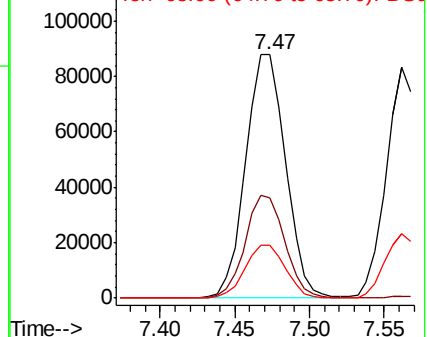
93 100

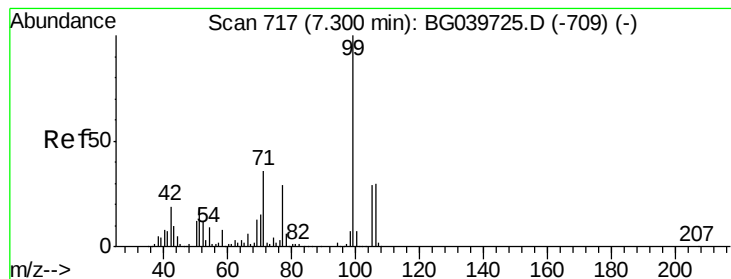
66 41.2 34.2 51.4

65 21.7 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.395 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

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Acq: 18 Mar 2019 19:56

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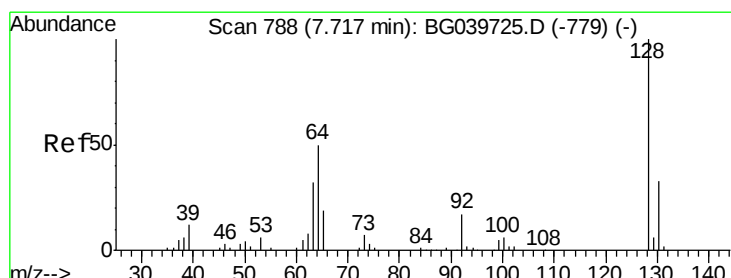
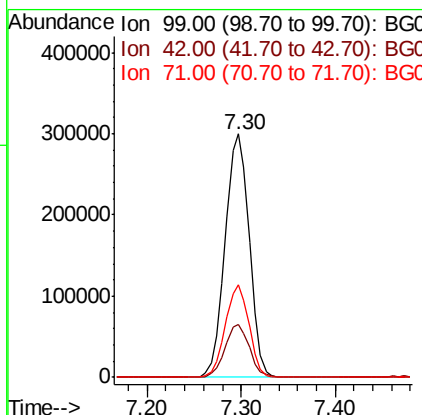
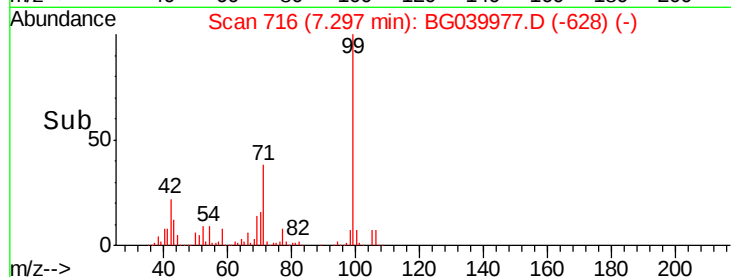
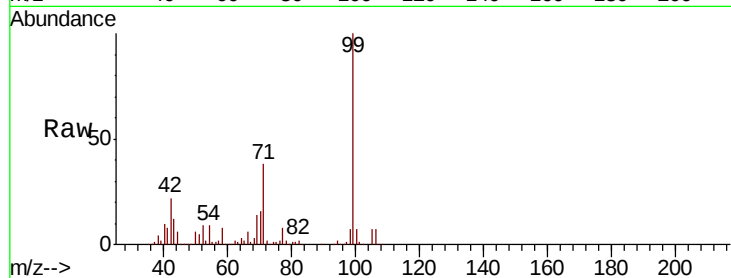
Tgt Ion: 99 Resp: 533753

Ion Ratio Lower Upper

99 100

42 22.0 18.2 27.2

71 38.0 28.0 42.0



#8

2-Chlorophenol

Concen: 39.497 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

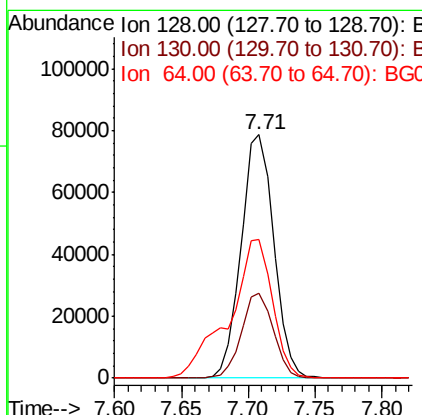
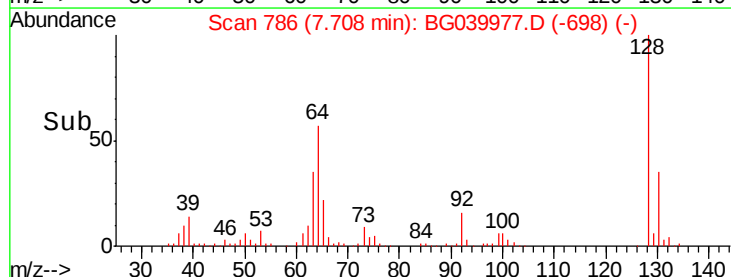
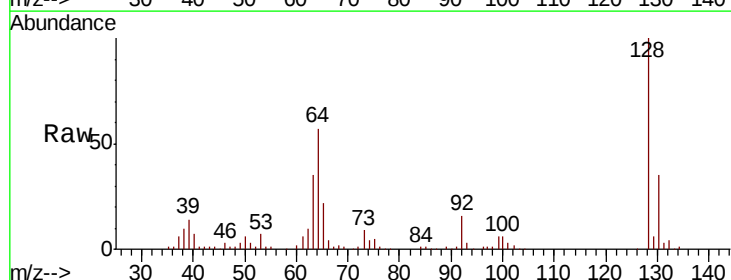
Tgt Ion: 128 Resp: 133596

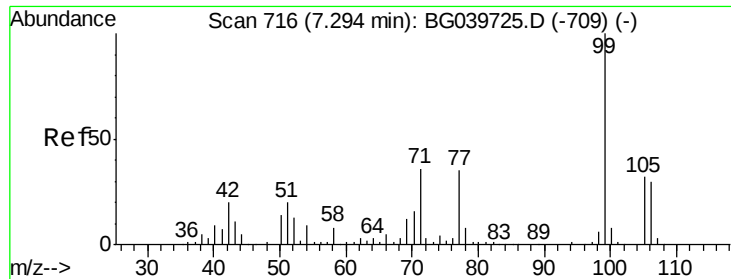
Ion Ratio Lower Upper

128 100

130 34.7 12.9 52.9

64 56.9 38.7 78.7





#9

Benzaldehyde

Concen: 26.344 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

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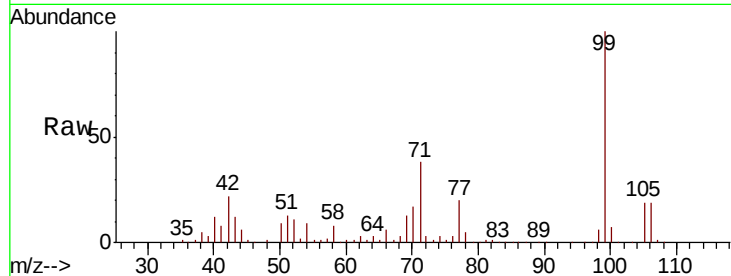
Tgt Ion: 77 Resp: 70645

Ion Ratio Lower Upper

77 100

105 94.8 74.5 114.5

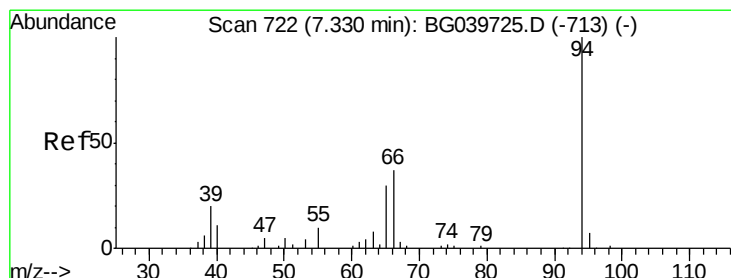
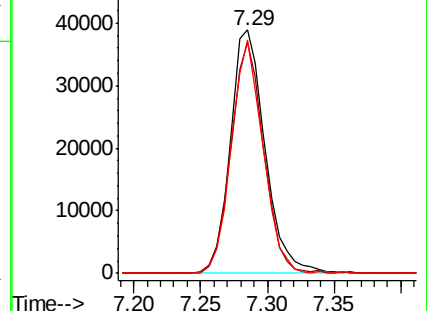
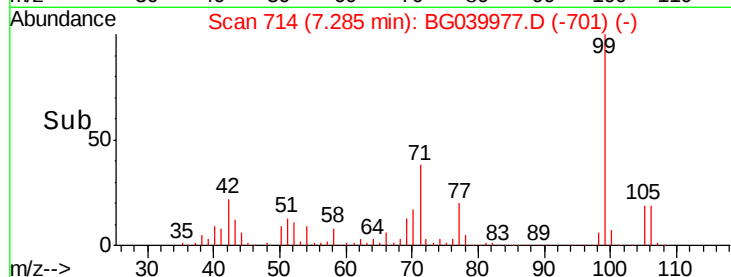
106 96.1 68.0 108.0



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: 39.441 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

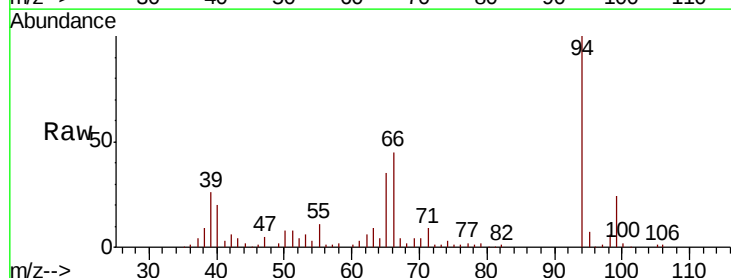
Tgt Ion: 94 Resp: 177621

Ion Ratio Lower Upper

94 100

65 34.6 11.7 51.7

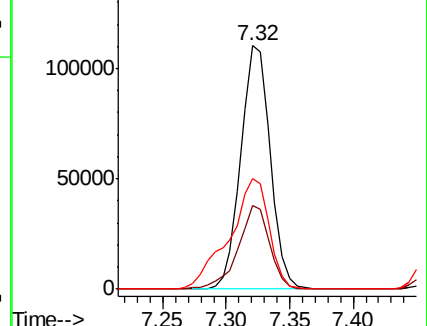
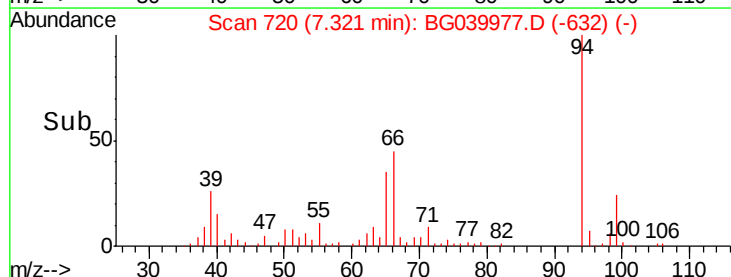
66 45.2 23.7 63.7

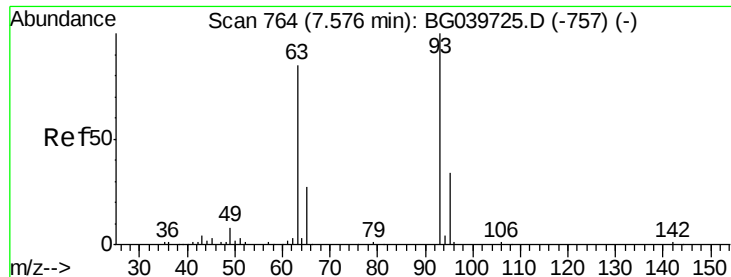


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

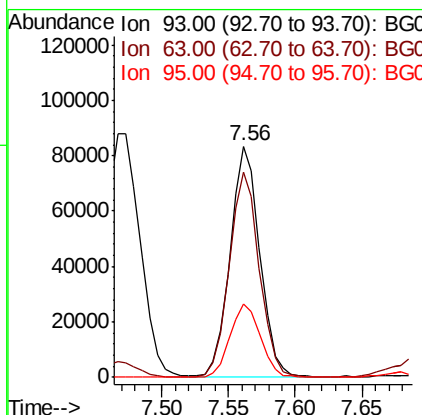
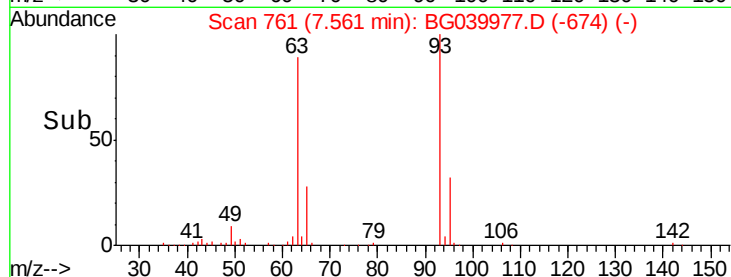
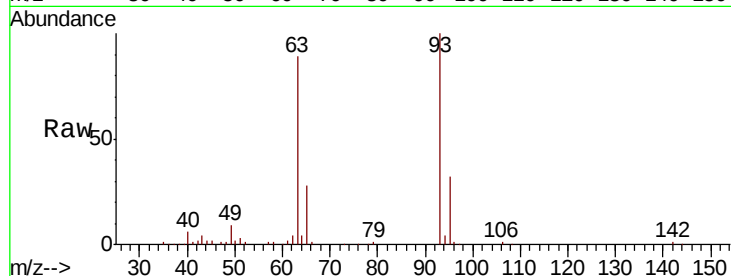




#11
 bis(2-Chloroethyl)ether
 Concen: 36.977 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

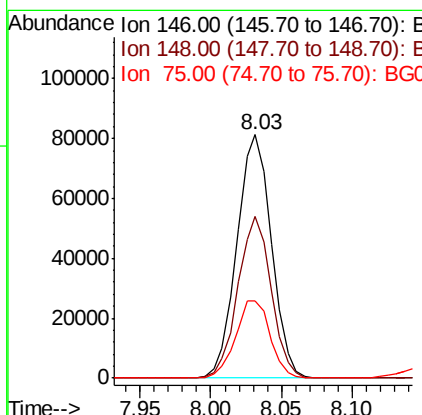
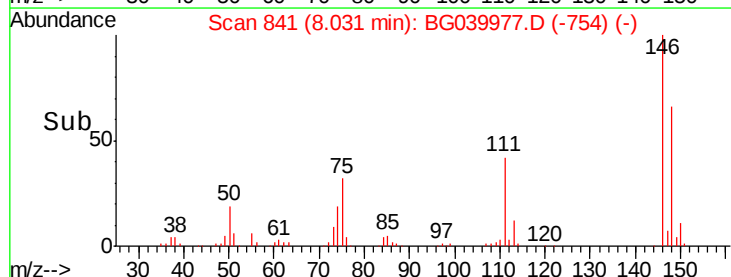
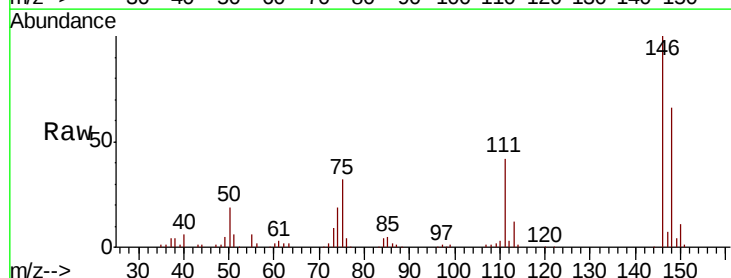
Instrument :
 BNA_G
 ClientSampleId :
 PB117983BS

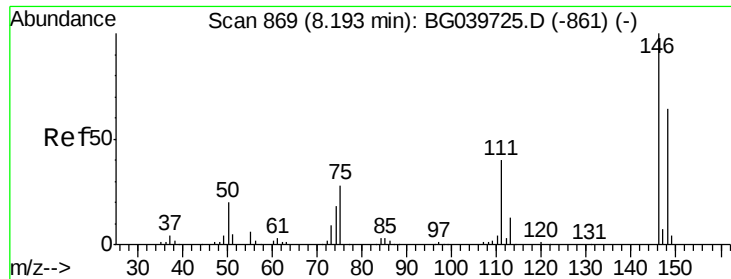
Tgt Ion: 93 Resp: 129834
 Ion Ratio Lower Upper
 93 100
 63 88.6 69.5 109.5
 95 31.6 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 36.302 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

Tgt Ion: 146 Resp: 138870
 Ion Ratio Lower Upper
 146 100
 148 66.2 52.6 79.0
 75 31.7 25.8 38.6

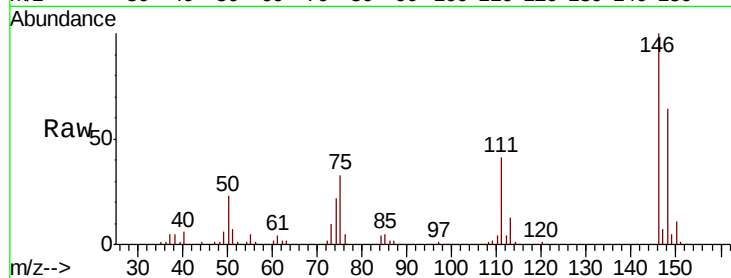




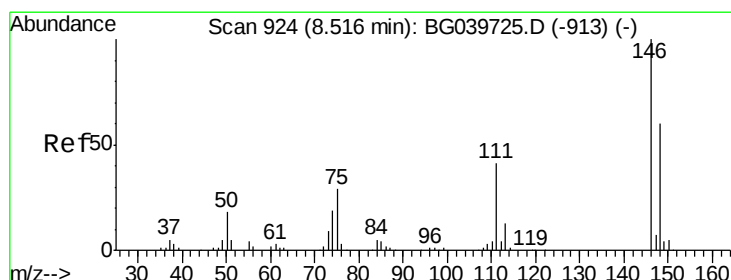
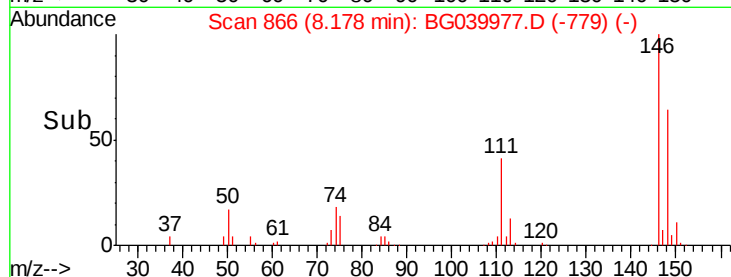
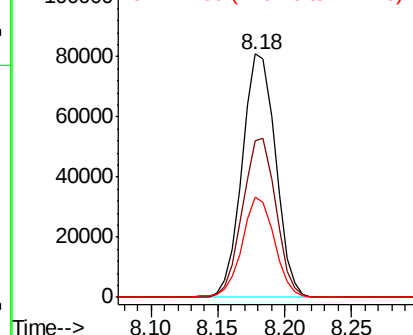
#13
 1,4-Dichlorobenzene
 Concen: 35.989 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB117983BS

Tgt Ion:146 Resp: 140233
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 41.2 32.6 48.8

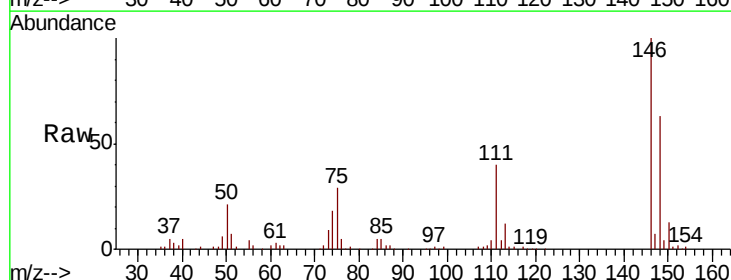


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

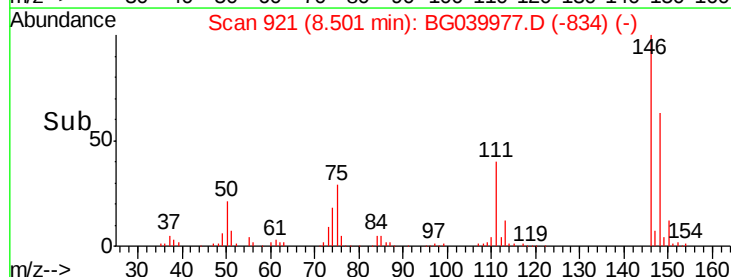
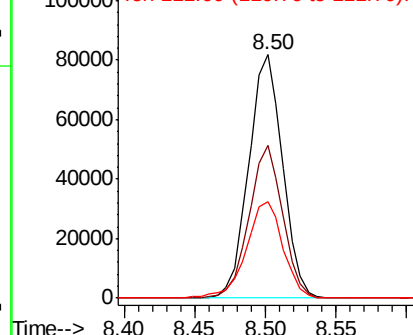


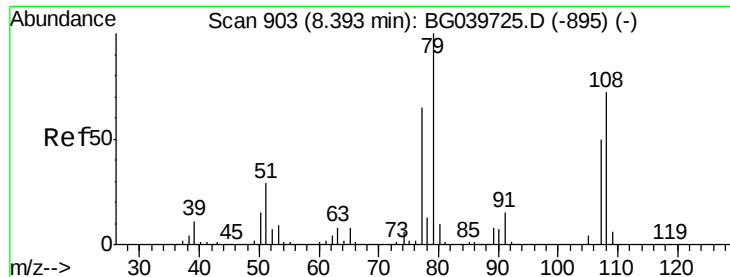
#14
 1,2-Dichlorobenzene
 Concen: 36.555 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

Tgt Ion:146 Resp: 137620
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.5 77.3
 111 39.7 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.005 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

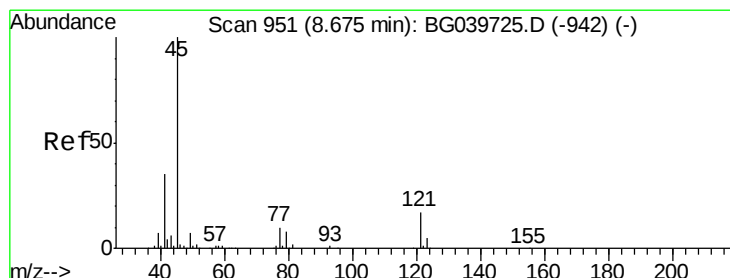
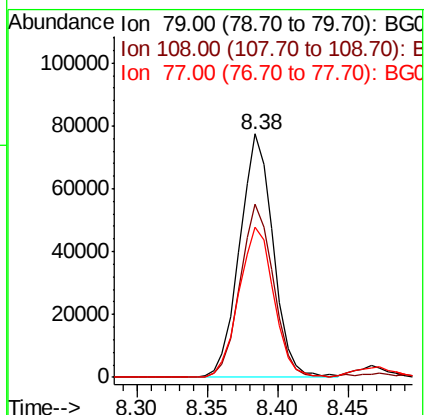
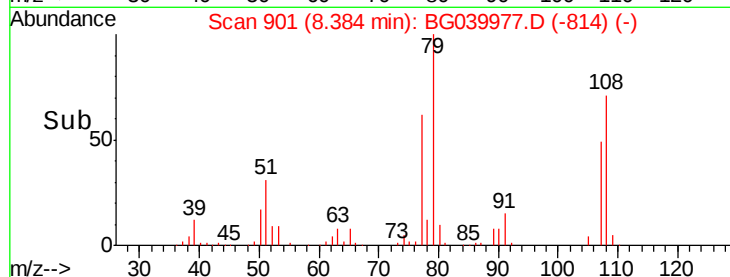
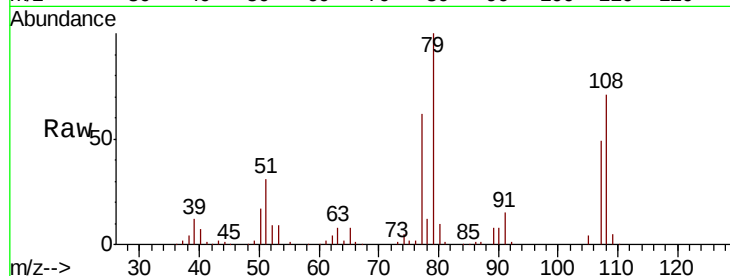
Tgt Ion: 79 Resp: 128624

Ion Ratio Lower Upper

79 100

108 71.0 57.8 86.6

77 61.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.918 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

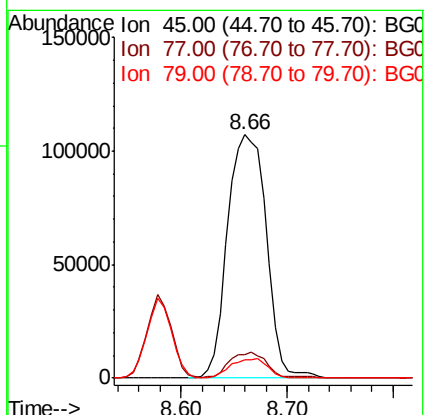
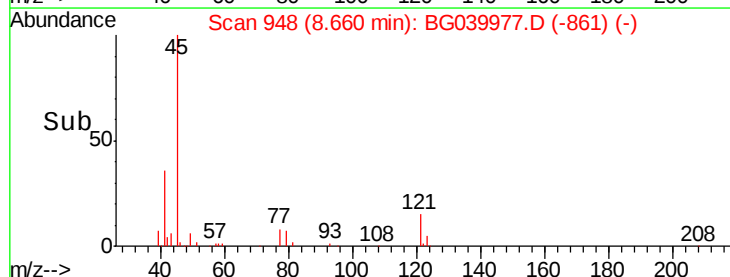
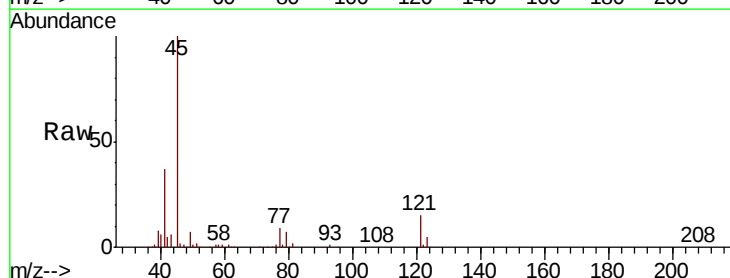
Tgt Ion: 45 Resp: 273301

Ion Ratio Lower Upper

45 100

77 9.5 0.0 30.0

79 7.3 0.0 27.5

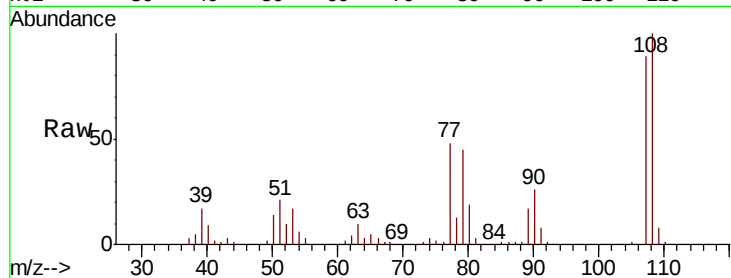




#17
2-Methylphenol
Concen: 40.649 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB117983BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.8	136.2
77	53.6	40.7	61.1
79	50.6	40.6	60.8



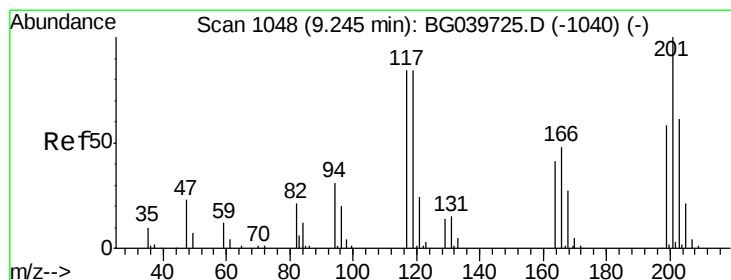
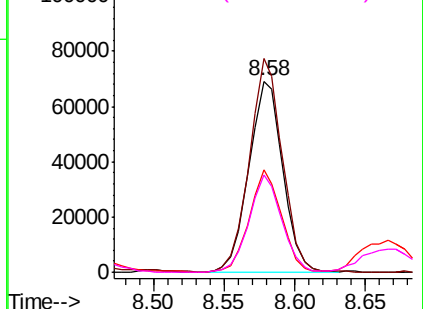
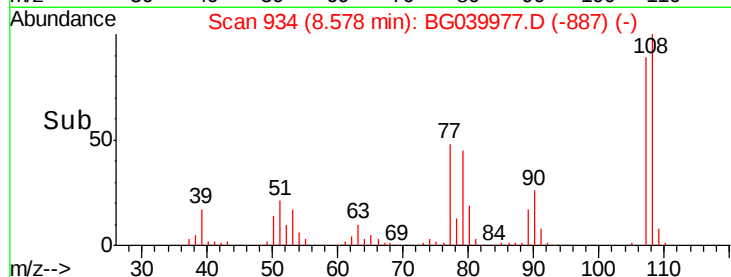
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

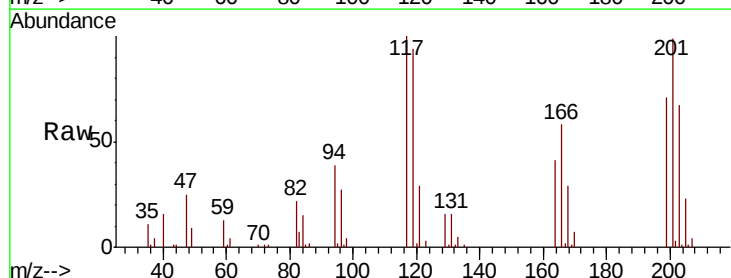
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.830 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.3	114.5
201	99.3	91.1	136.7

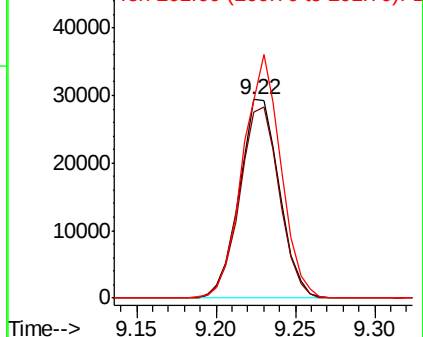
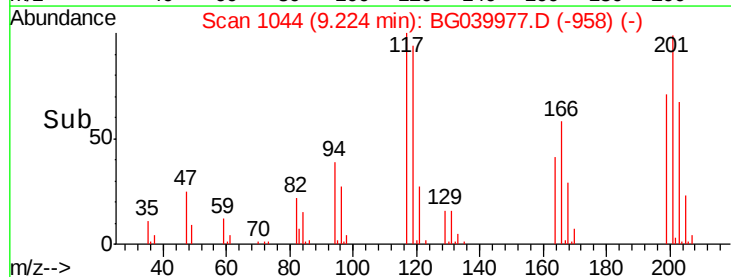


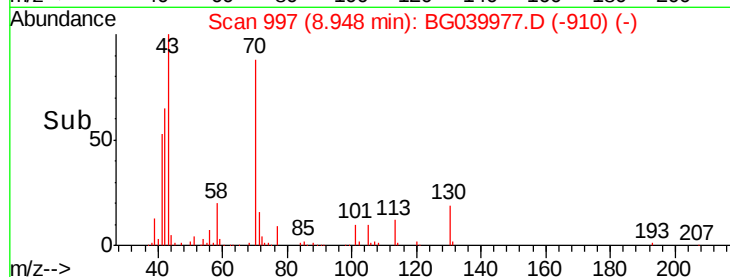
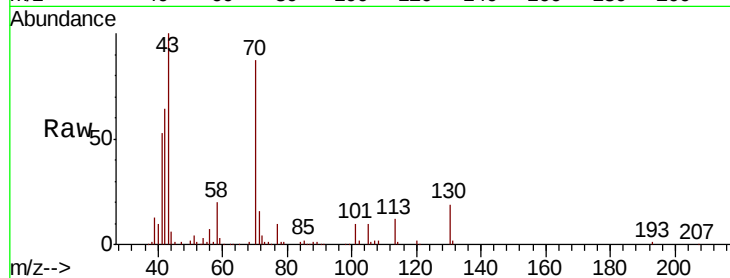
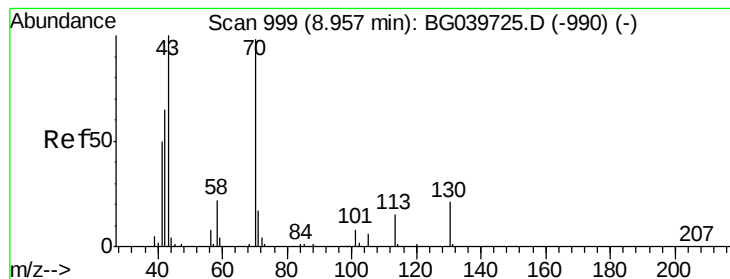
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.449 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

Tgt Ion: 70 Resp: 106071

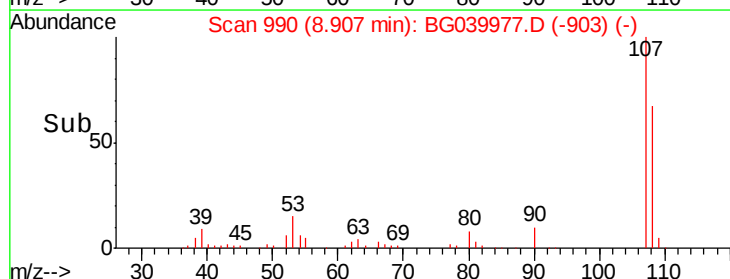
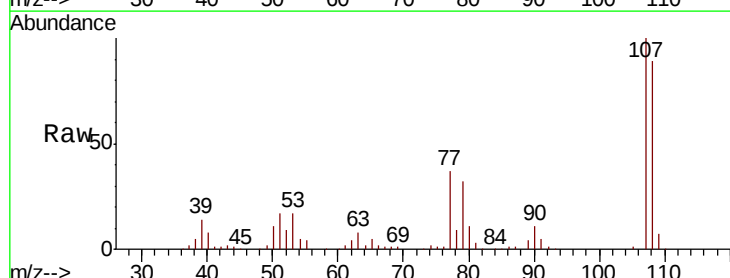
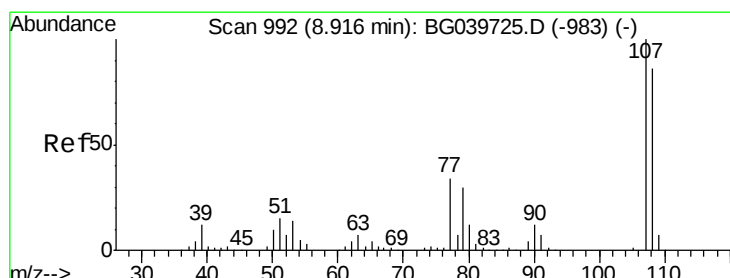
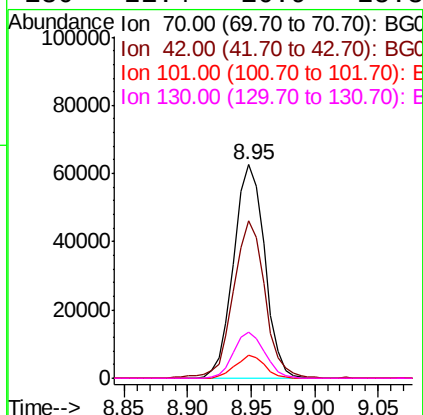
Ion Ratio Lower Upper

70 100

42 73.9 60.4 90.6

101 11.1 7.5 11.3

130 21.4 16.9 25.3



#20

3+4-Methylphenols

Concen: 39.171 ng

RT: 8.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Tgt Ion: 107 Resp: 156263

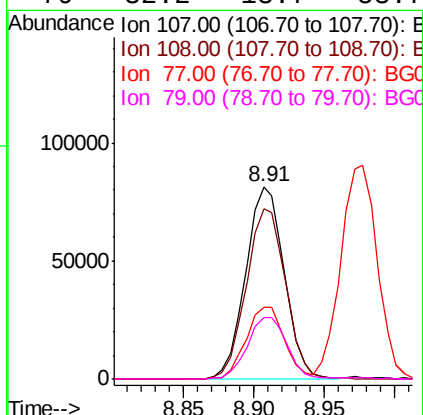
Ion Ratio Lower Upper

107 100

108 88.8 67.9 107.9

77 37.4 15.4 55.4

79 32.2 13.7 53.7

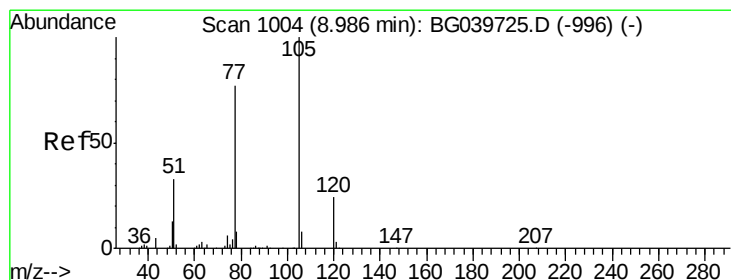
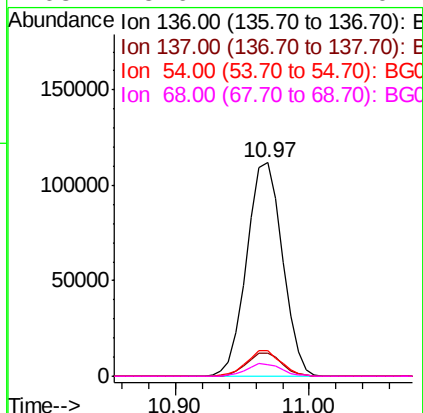
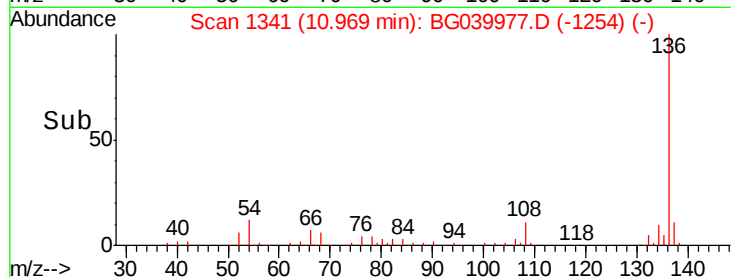
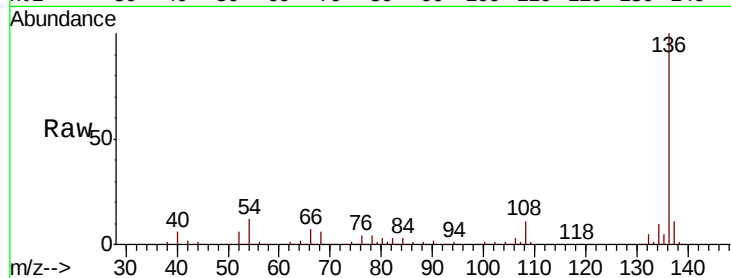




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

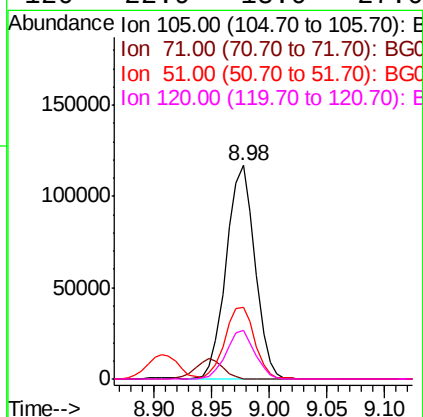
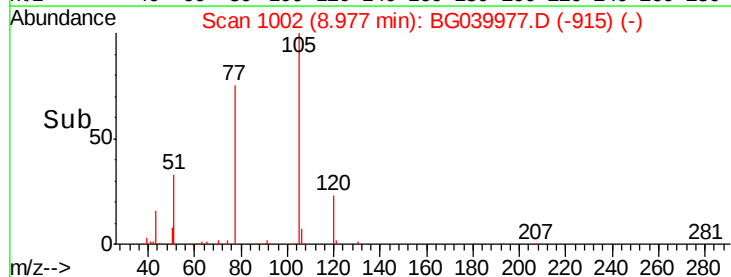
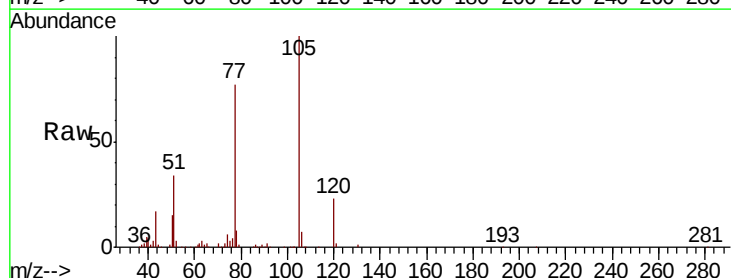
Instrument :
BNA_G
ClientSampleId :
PB117983BS

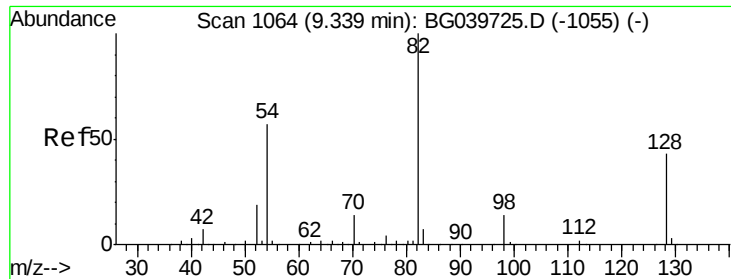
Tgt Ion:	136	Resp:	206778
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	11.7	9.4	14.2
68	5.6	4.2	6.4



#22
Acetophenone
Concen: 36.255 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Tgt Ion:	105	Resp:	201208
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	33.7	30.2	45.2
120	22.9	18.0	27.0

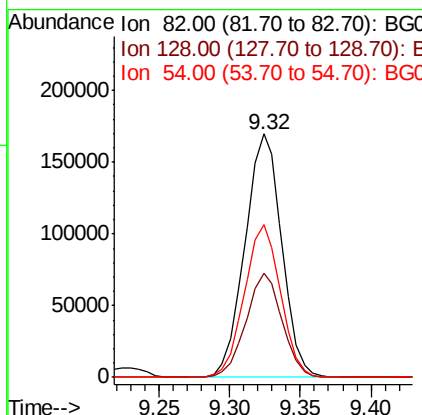
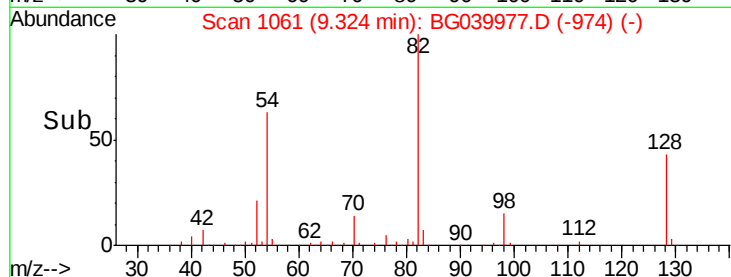
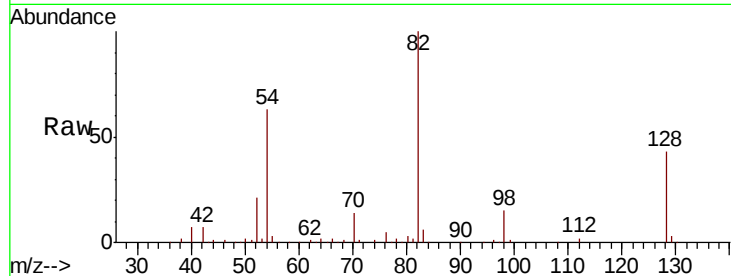




#23
 Nitrobenzene-d5
 Concen: 80.946 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

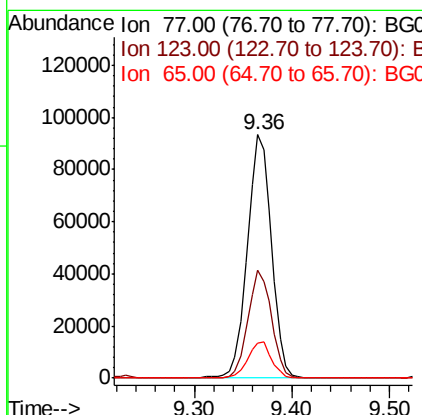
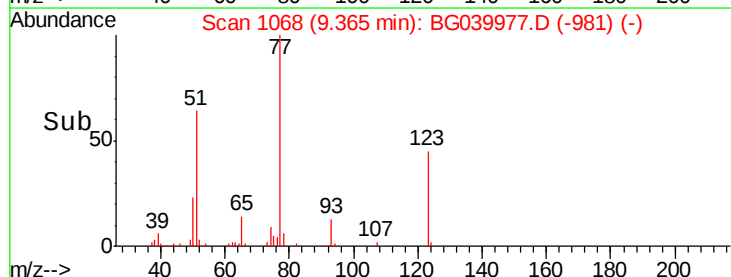
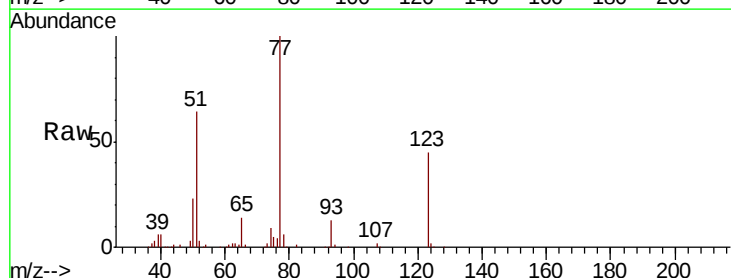
Instrument :
 BNA_G
 ClientSampleId :
 PB117983BS

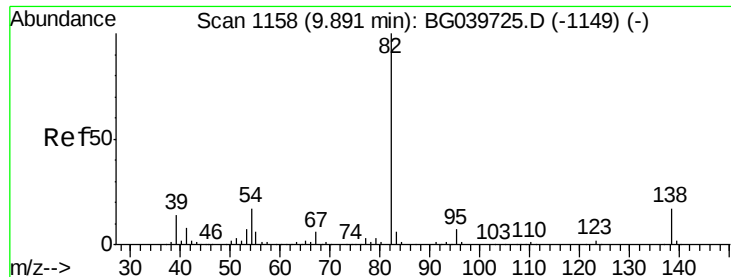
Tgt Ion: 82 Resp: 309479
 Ion Ratio Lower Upper
 82 100
 128 42.8 31.3 46.9
 54 62.6 50.9 76.3



#24
 Nitrobenzene
 Concen: 40.332 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

Tgt Ion: 77 Resp: 161765
 Ion Ratio Lower Upper
 77 100
 123 44.6 34.1 51.1
 65 14.5 12.3 18.5

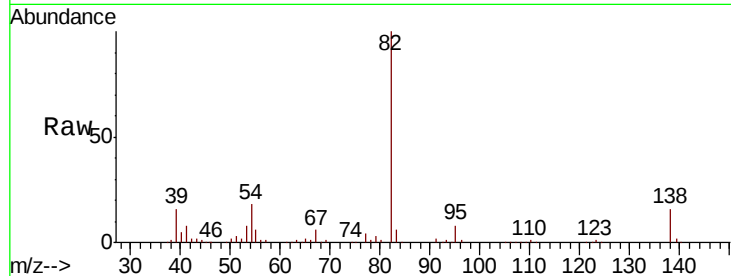




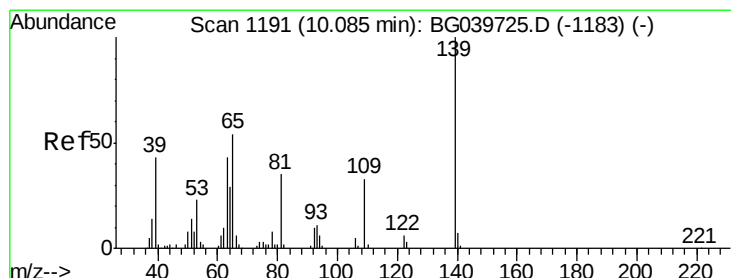
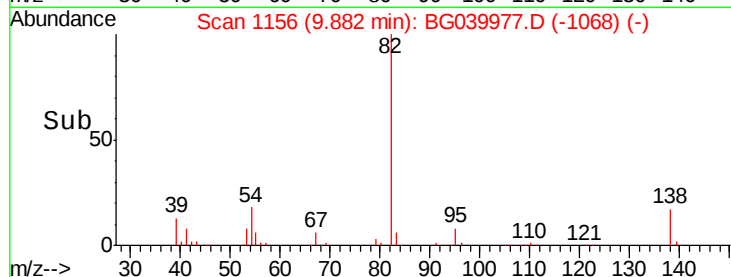
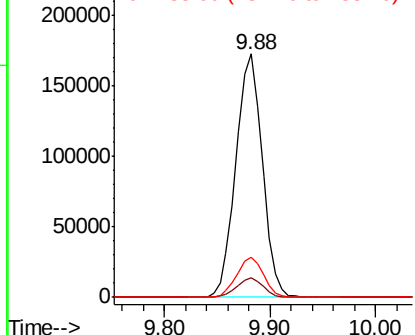
#25
Isophorone
Concen: 37.258 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB117983BS

Tgt Ion: 82 Resp: 298473
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 16.5 13.0 19.4

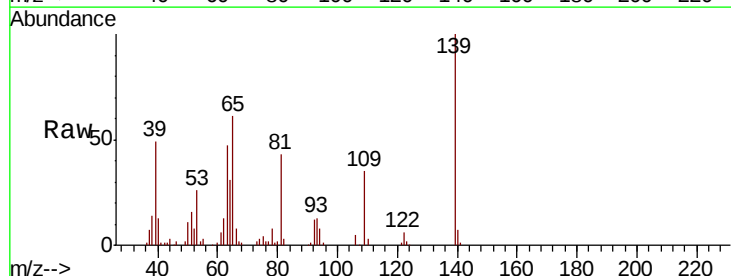


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

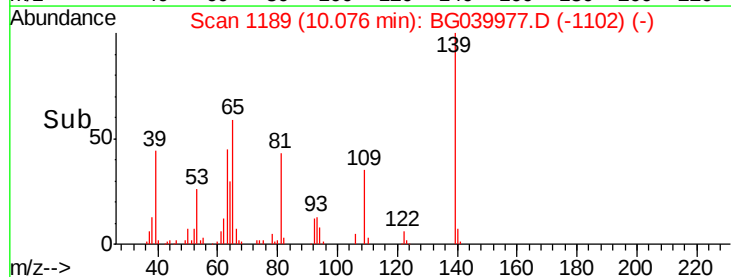
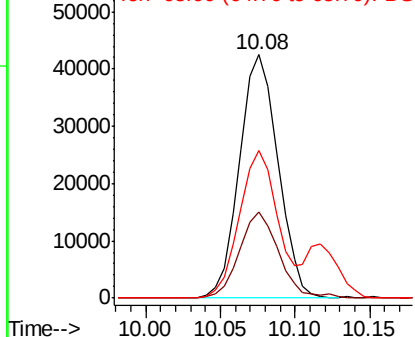


#26
2-Nitrophenol
Concen: 39.397 ng
RT: 10.08 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Tgt Ion: 139 Resp: 76293
Ion Ratio Lower Upper
139 100
109 35.3 23.4 35.0#
65 60.9 44.3 66.5



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

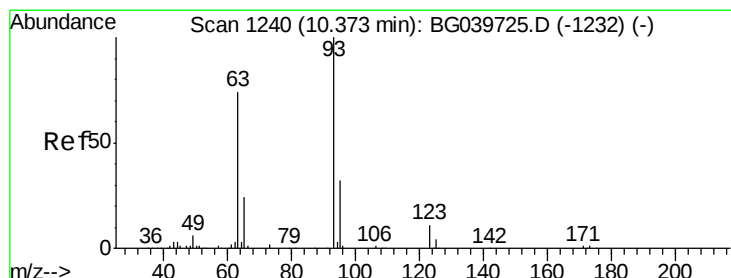
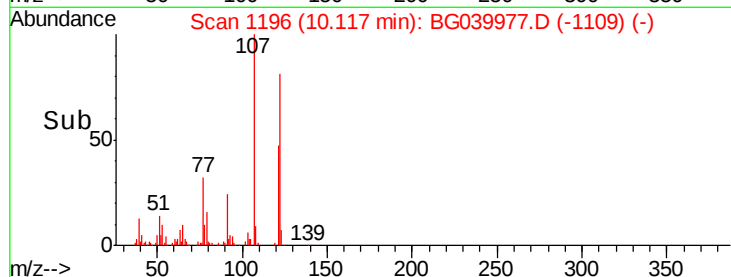
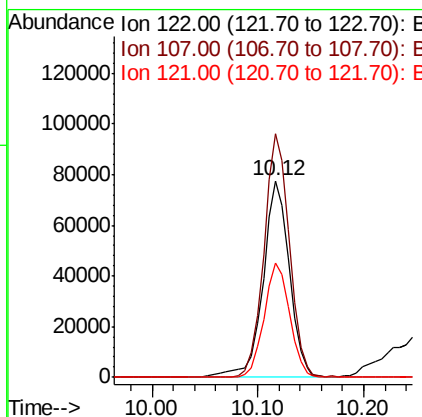
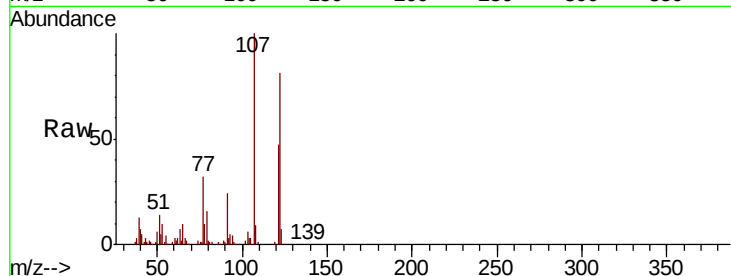




#27
2,4-Dimethylphenol
Concen: 44.507 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

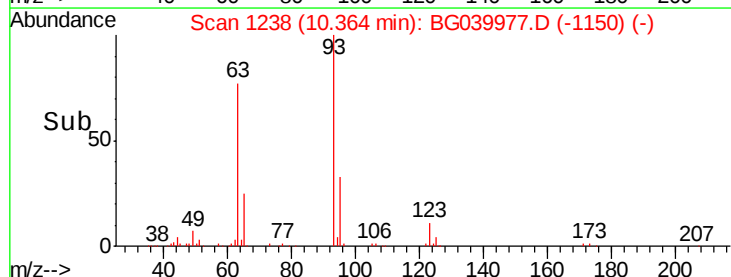
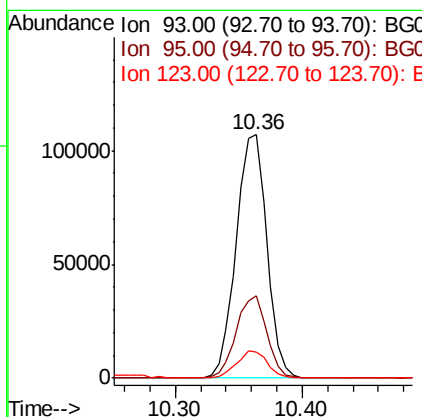
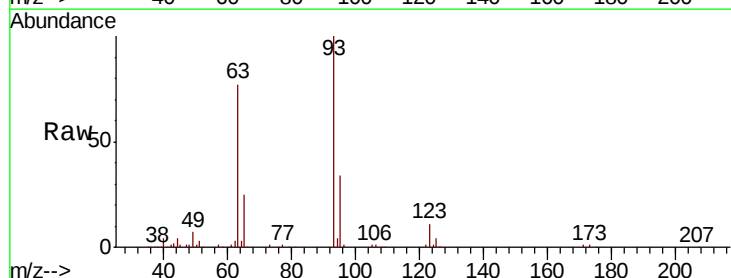
Instrument :
BNA_G
ClientSampleId :
PB117983BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.9	91.7	137.5
121	58.0	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 36.827 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.0	37.4
123	10.6	8.6	12.8

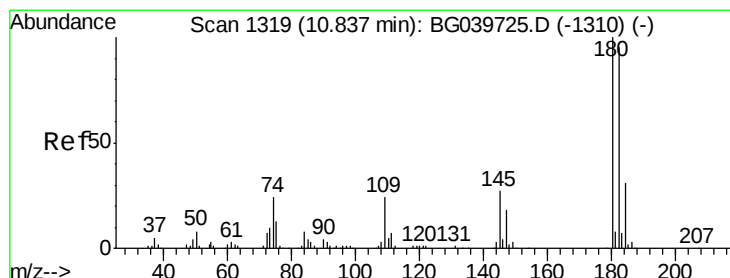
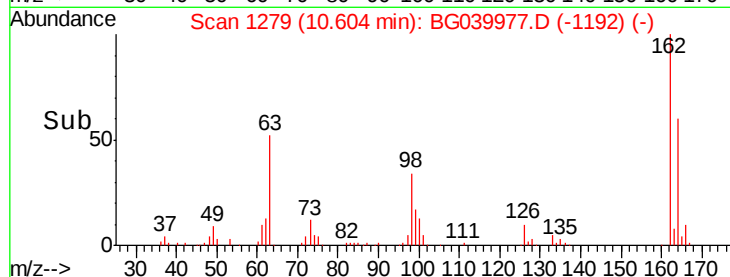
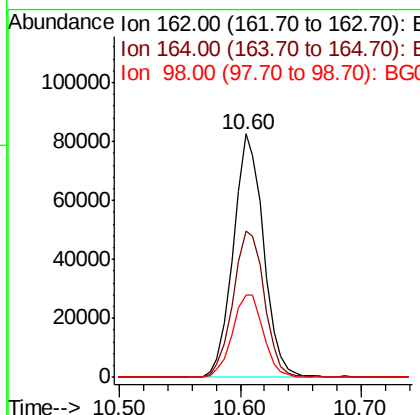
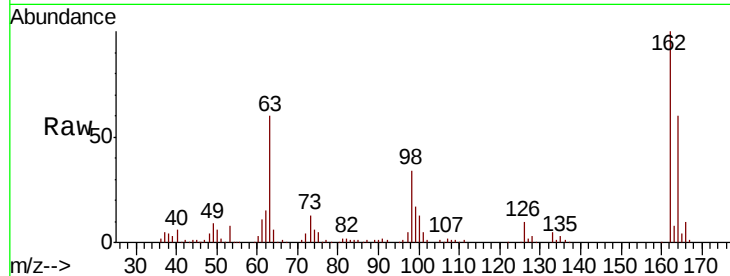




#29
 2,4-Dichlorophenol
 Concen: 42.579 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

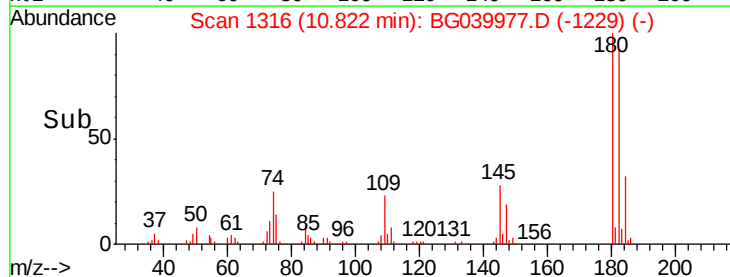
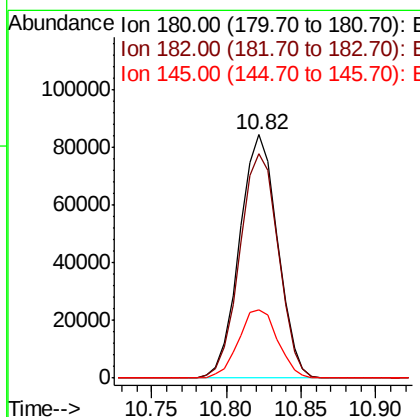
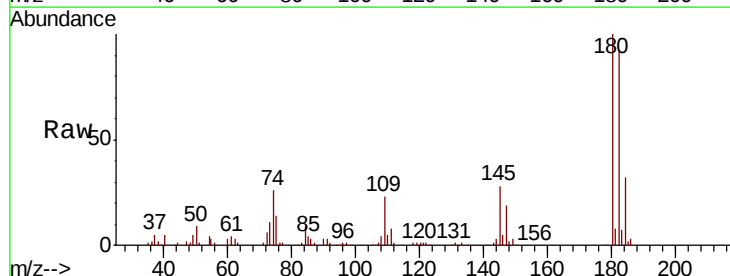
Instrument :
 BNA_G
 ClientSampleId :
 PB117983BS

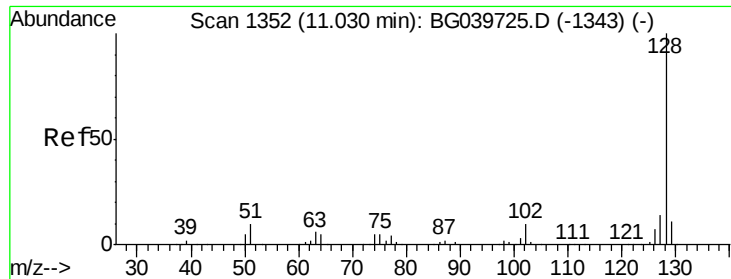
Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.1	48.1	88.1
98	33.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.012 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.0	114.0
145	28.2	22.7	34.1

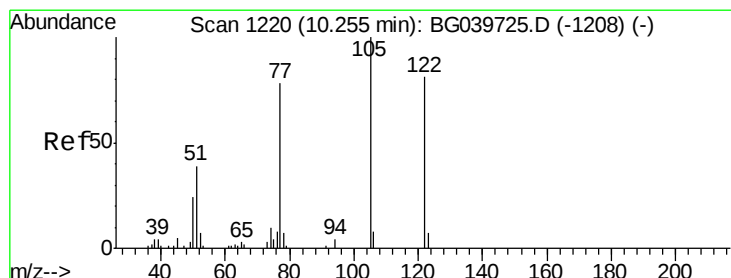
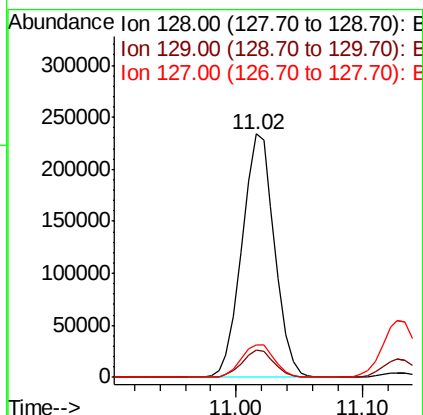
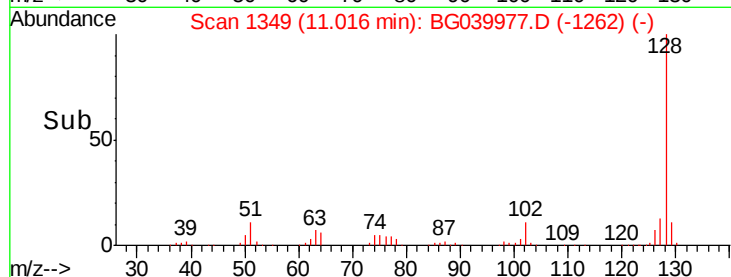
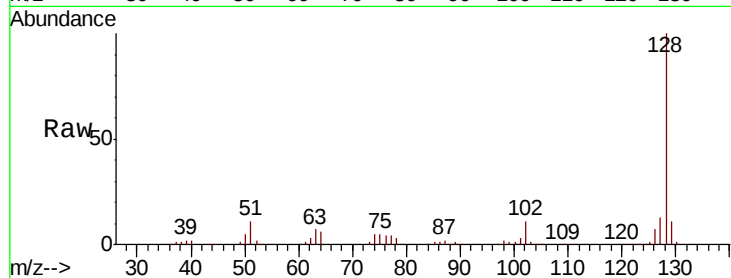




#31
Naphthalene
Concen: 37.997 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

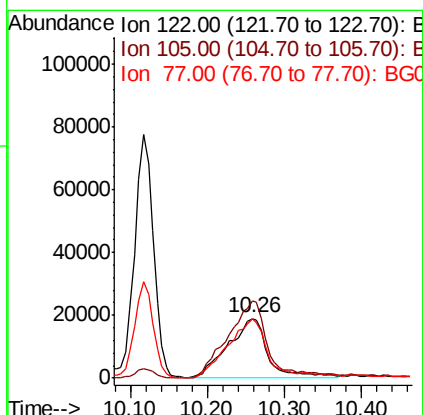
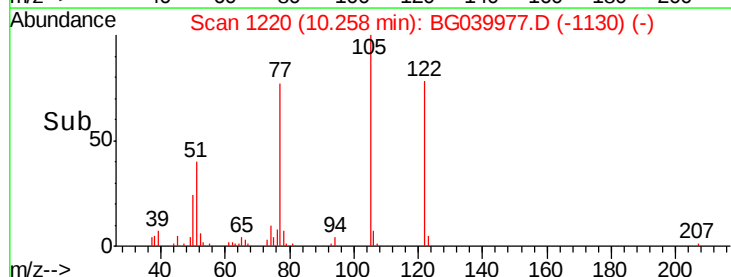
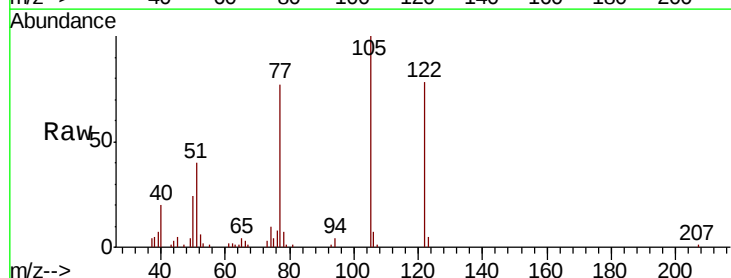
Instrument :
BNA_G
ClientSampleId :
PB117983BS

Tgt Ion:128 Resp: 415990
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 34.480 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Tgt Ion:122 Resp: 66847
Ion Ratio Lower Upper
122 100
105 128.9 101.8 141.8
77 98.7 76.3 116.3

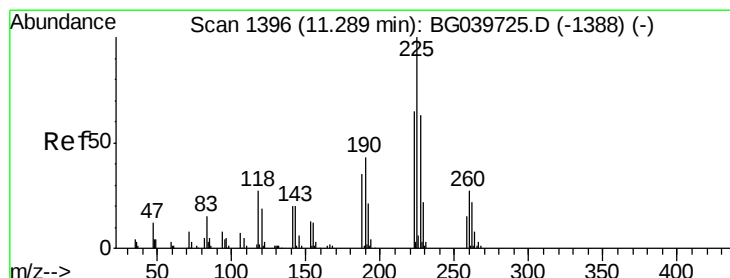
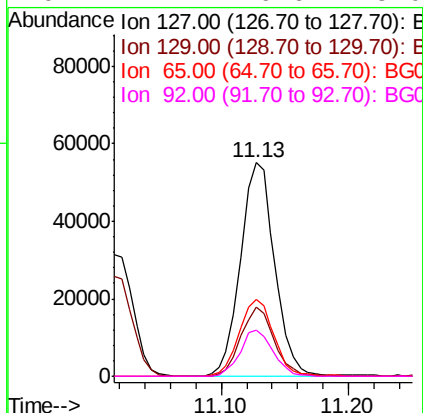
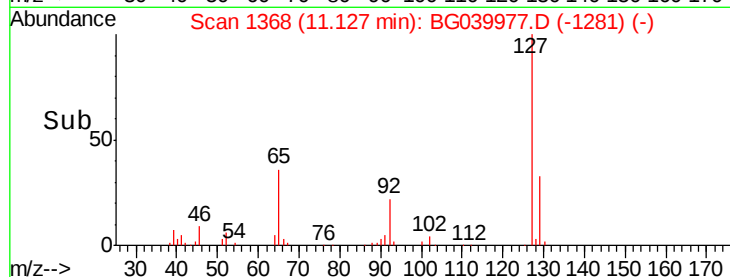
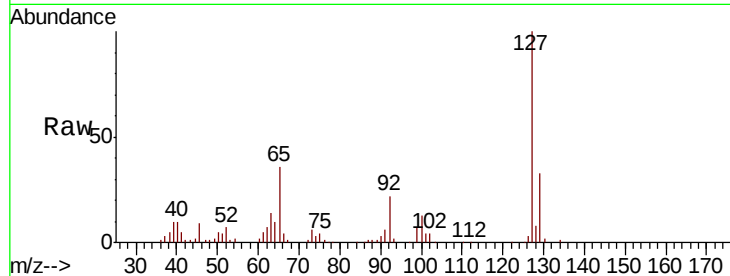




#33
4-Chloroaniline
Concen: 22.221 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

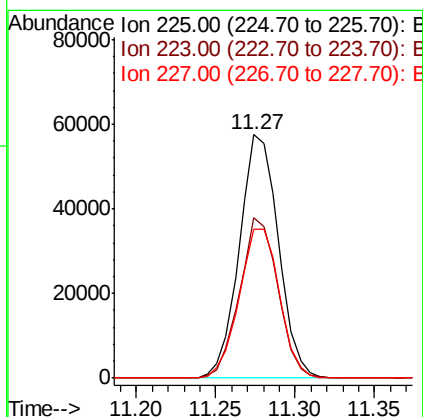
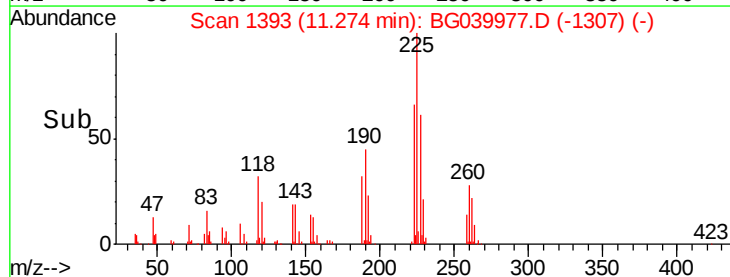
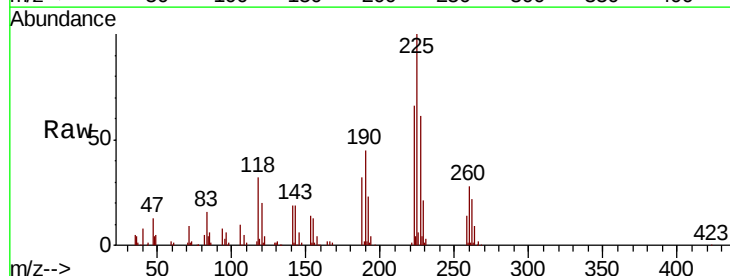
Instrument :
BNA_G
ClientSampleId :
PB117983BS

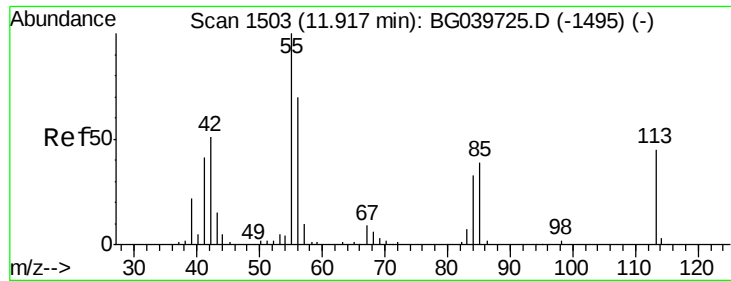
Tgt Ion:	127	Resp:	103159
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.0	40.4
65	35.9	28.8	43.2
92	21.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 37.770 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Tgt Ion:	225	Resp:	98485
Ion	Ratio	Lower	Upper
225	100		
223	66.1	49.0	73.6
227	61.1	46.3	69.5





#35

Caprolactam

Concen: 22.278 ng

RT: 11.92 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

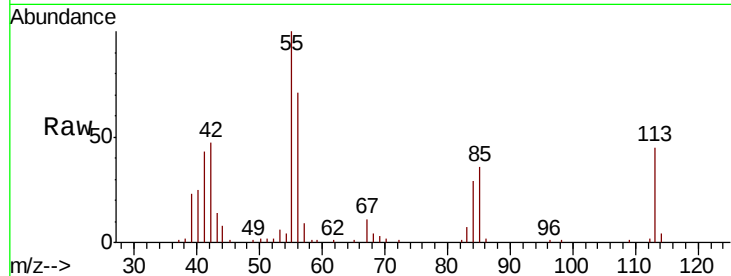
Tgt Ion:113 Resp: 28858

Ion Ratio Lower Upper

113 100

55 221.1 216.9 256.9

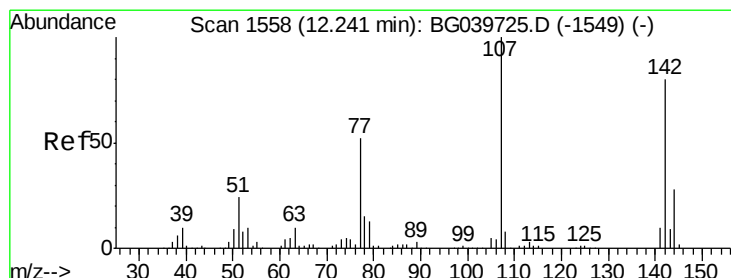
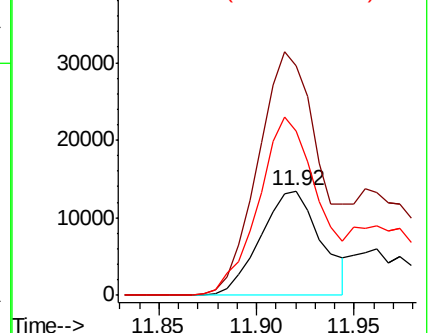
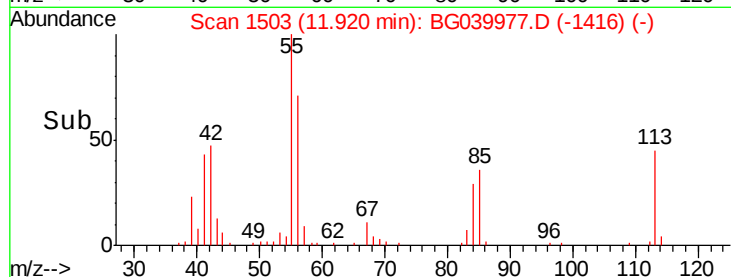
56 157.5 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039977.D (-1495) (-)

Ion 56.00 (55.70 to 56.70): BG039977.D (-1495) (-)



#36

4-Chloro-3-methylphenol

Concen: 39.511 ng

RT: 12.23 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

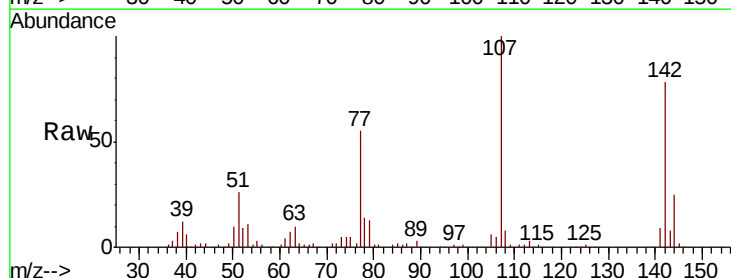
Tgt Ion:107 Resp: 153586

Ion Ratio Lower Upper

107 100

144 25.1 20.2 30.2

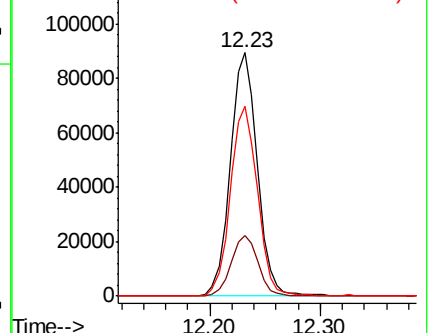
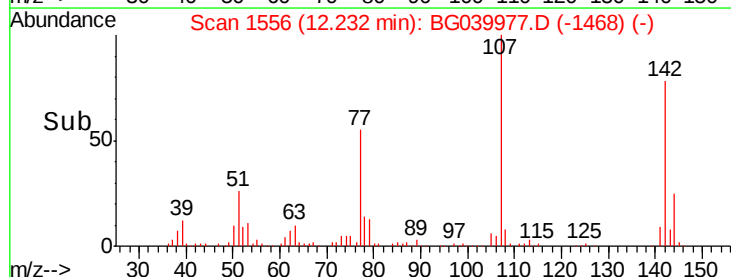
142 78.2 61.4 92.2

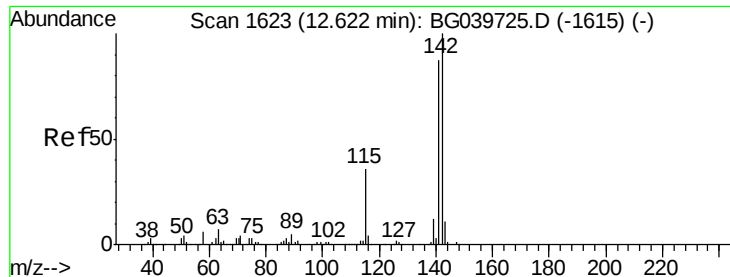


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

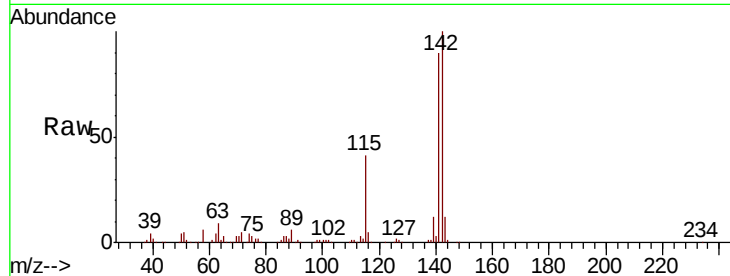




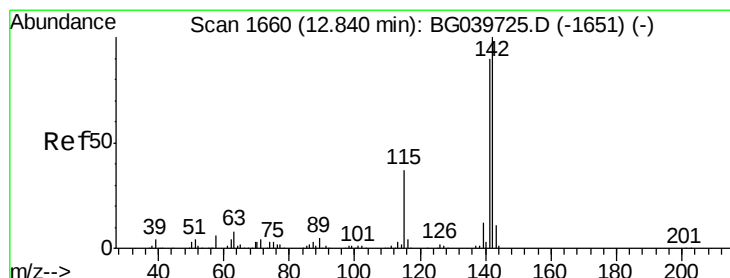
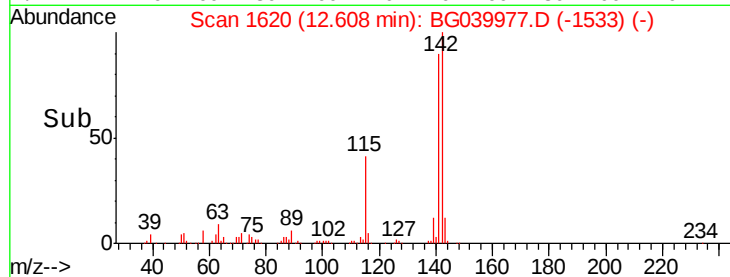
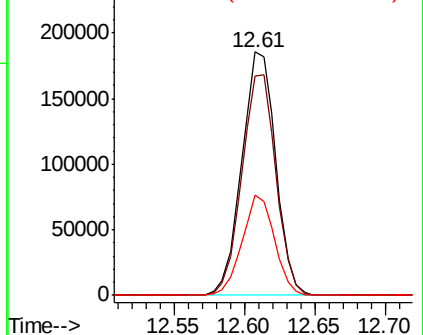
#37
2-Methylnaphthalene
Concen: 38.029 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB117983BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.5	110.3
115	41.3	30.8	46.2

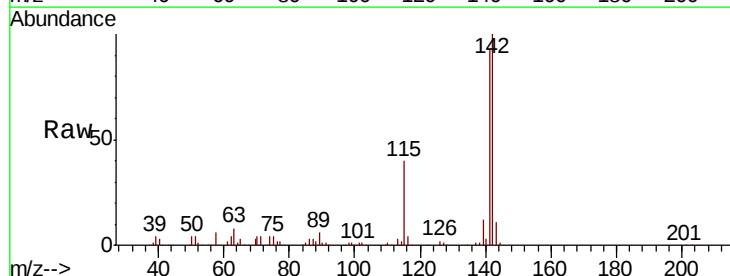


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

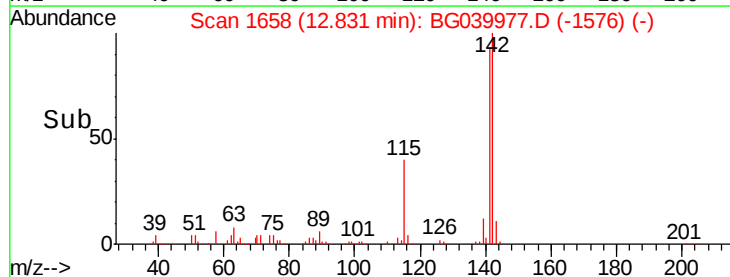
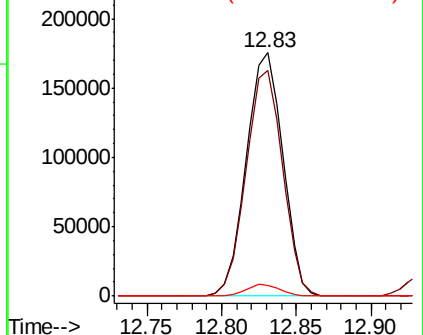


#38
1-Methylnaphthalene
Concen: 37.324 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.2	111.4
116	4.3	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# 1989

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

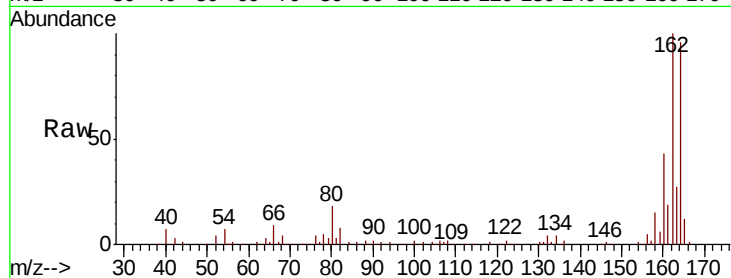
Tgt Ion:164 Resp: 134804

Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

160 44.3 34.2 51.2

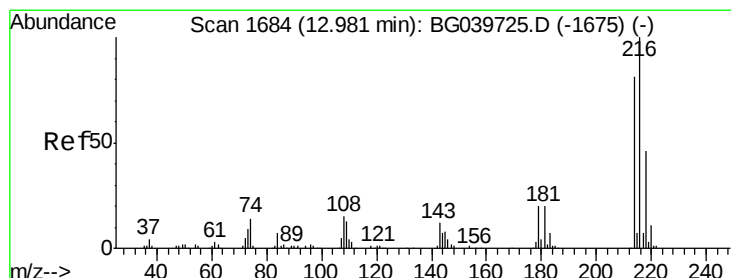
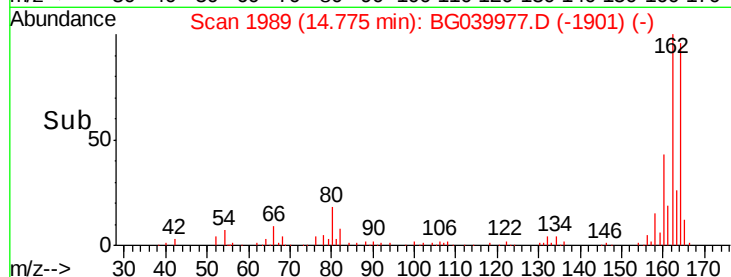
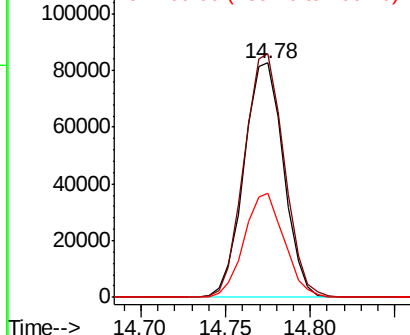


Abundance

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: 38.097 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Tgt Ion:216 Resp: 173981

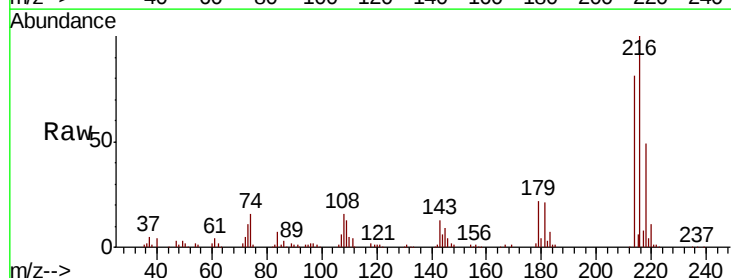
Ion Ratio Lower Upper

216 100

214 80.4 62.6 94.0

179 21.2 16.6 25.0

108 19.5 14.0 21.0



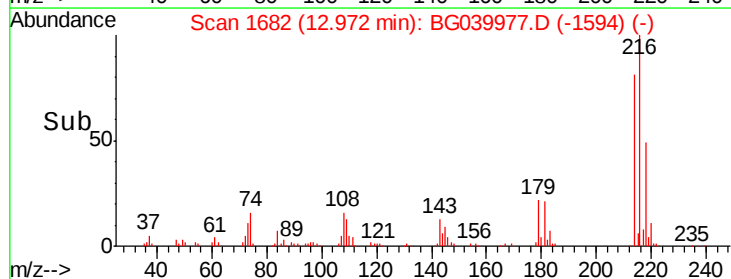
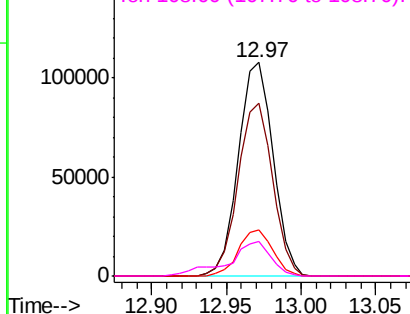
Abundance

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: 96.101 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

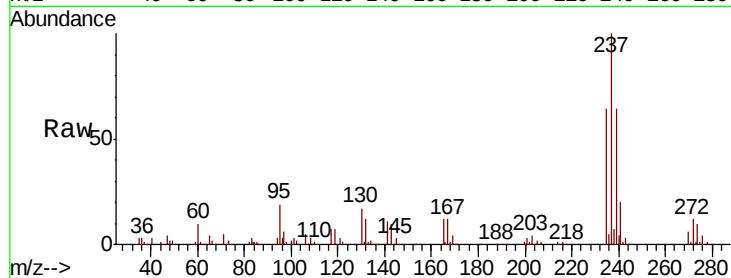
Instrument :

BNA_G

ClientSampleId :

PB117983BS

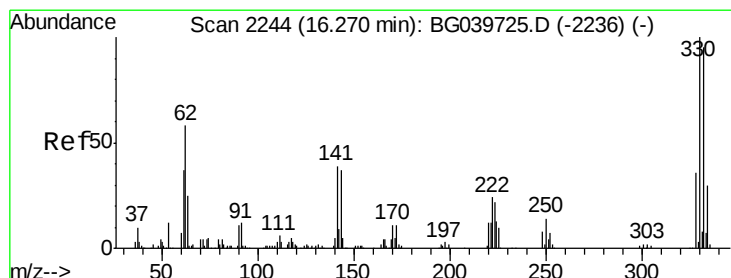
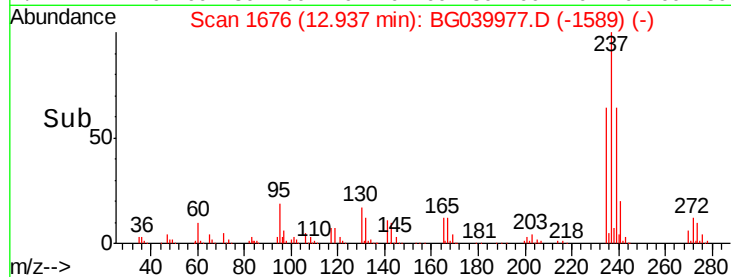
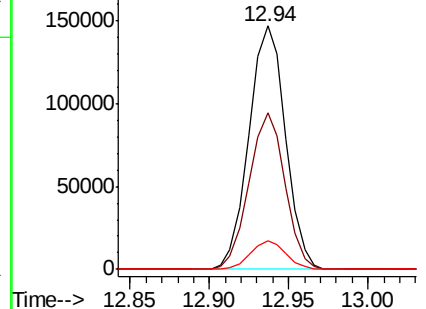
Tgt Ion:	237	Resp:	235195
Ion Ratio	Lower	Upper	
237	100		
235	64.3	43.3	83.3
272	11.7	0.0	32.3



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: 127.227 ng

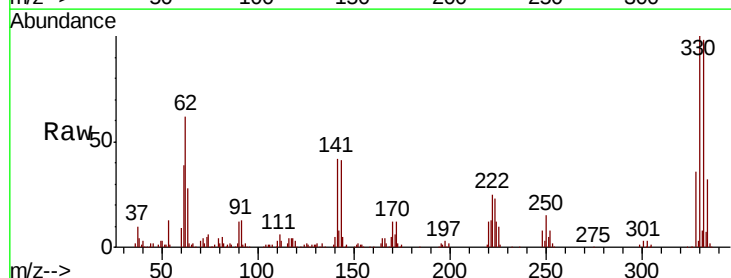
RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

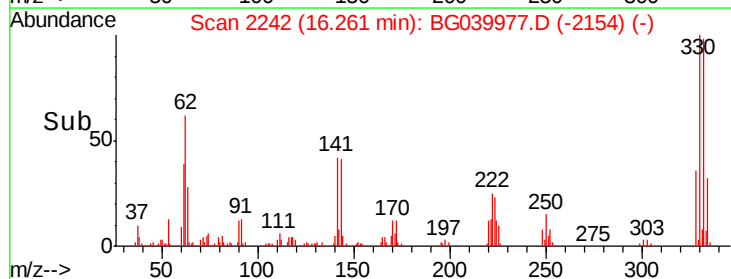
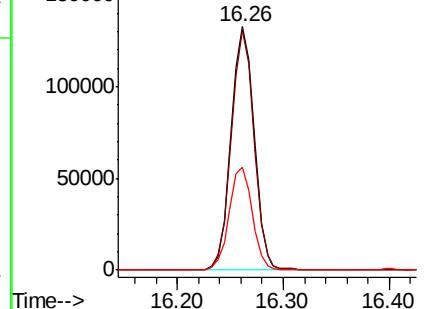
Tgt Ion:	330	Resp:	199904
Ion Ratio	Lower	Upper	
330	100		
332	96.9	75.7	113.5
141	42.4	35.6	53.4

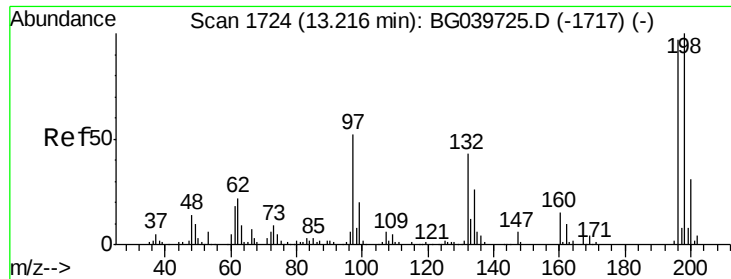


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

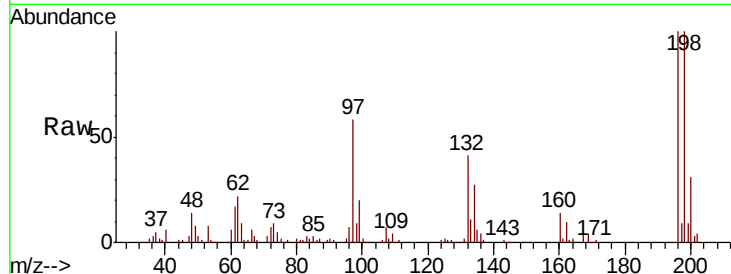




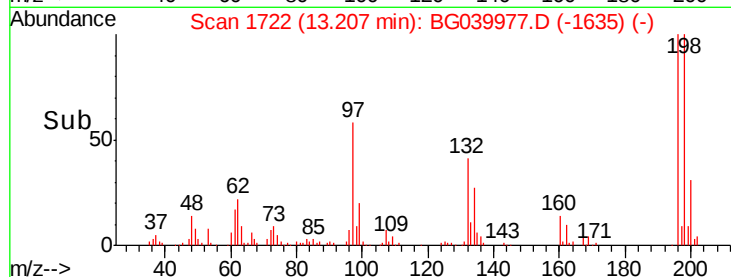
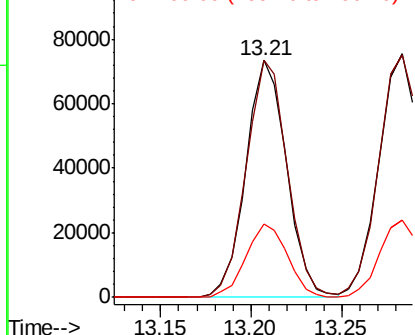
#43
 2,4,6-Trichlorophenol
 Concen: 43.266 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleID :
 PB117983BS

Tgt Ion:196 Resp: 115678
 Ion Ratio Lower Upper
 196 100
 198 100.1 80.6 121.0
 200 31.2 26.1 39.1



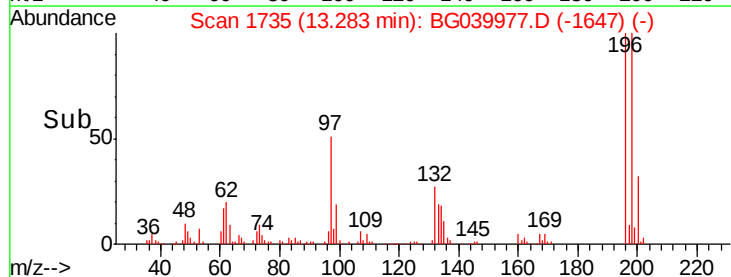
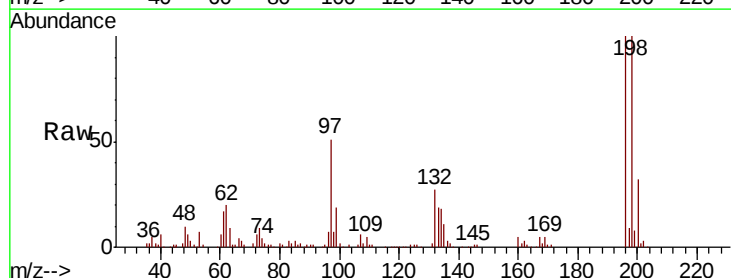
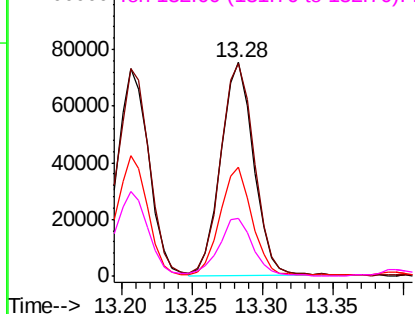
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

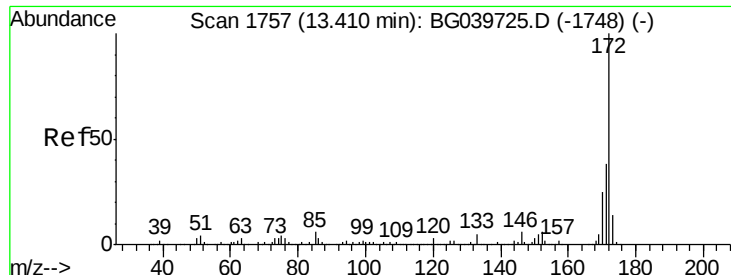


#44
 2,4,5-Trichlorophenol
 Concen: 40.484 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

Tgt Ion:196 Resp: 122007
 Ion Ratio Lower Upper
 196 100
 198 99.7 78.5 117.7
 97 50.9 38.4 57.6
 132 27.3 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

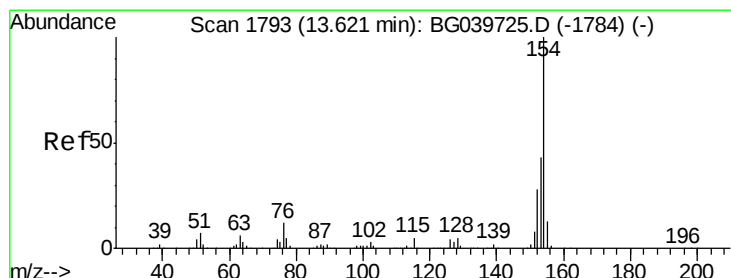
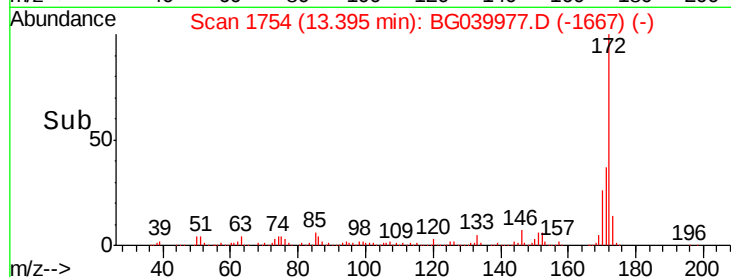
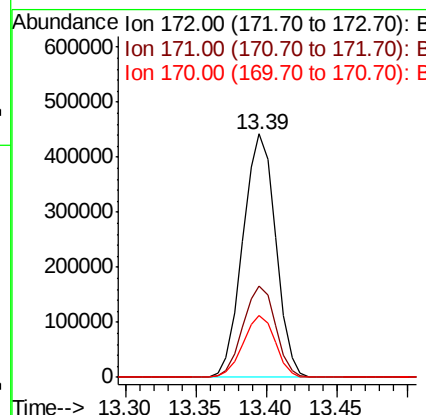
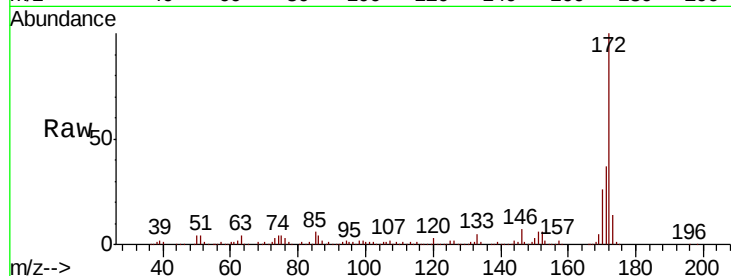




#45
2-Fluorobiphenyl
Concen: 76.084 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

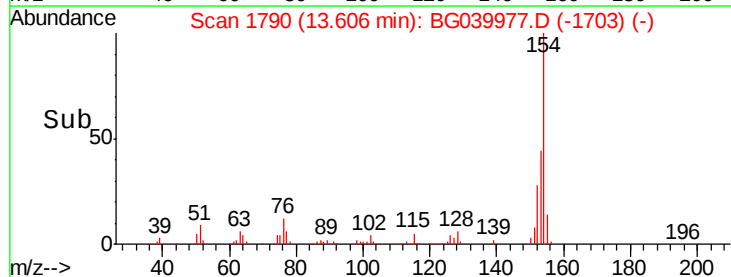
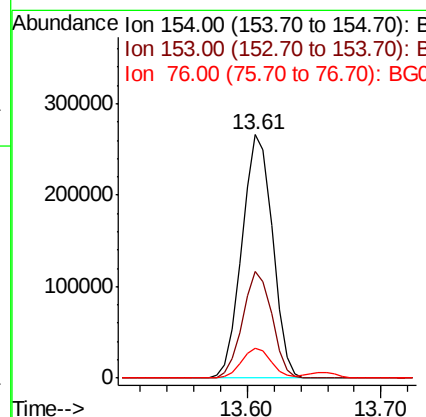
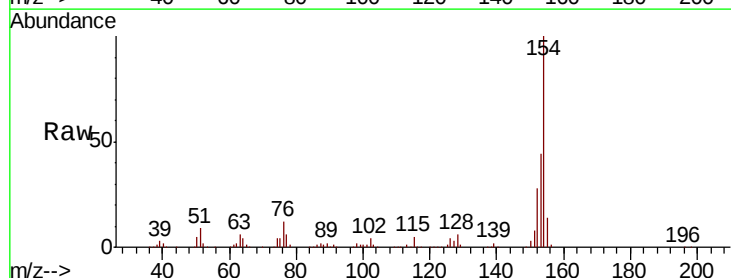
Instrument :
BNA_G
ClientSampleId :
PB117983BS

Tgt Ion:172 Resp: 720343
Ion Ratio Lower Upper
172 100
171 37.4 30.8 46.2
170 25.7 20.2 30.4



#46
1,1'-Biphenyl
Concen: 37.864 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Tgt Ion:154 Resp: 419811
Ion Ratio Lower Upper
154 100
153 43.6 22.1 62.1
76 12.1 0.0 32.4

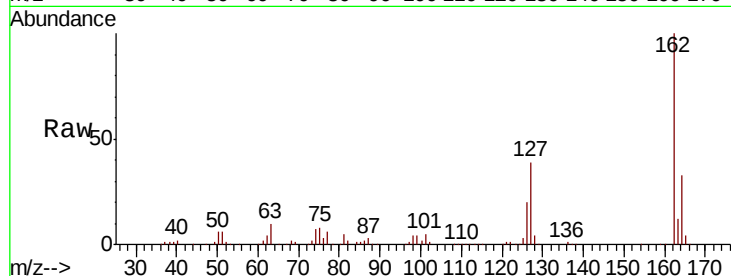




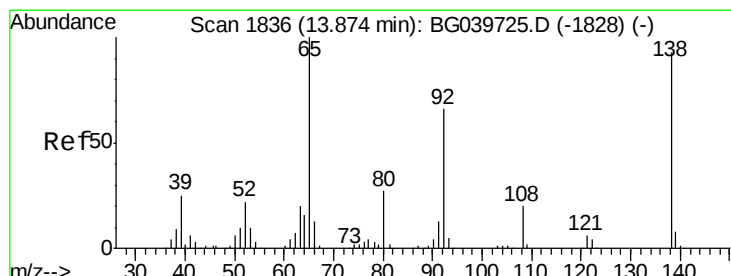
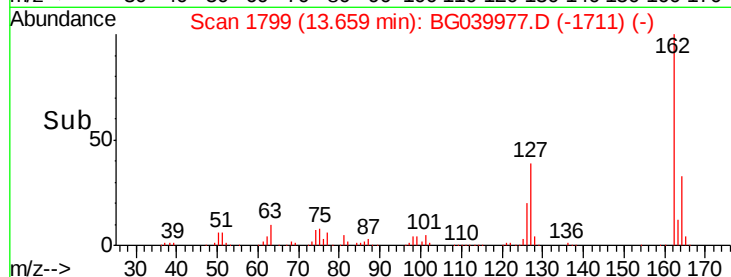
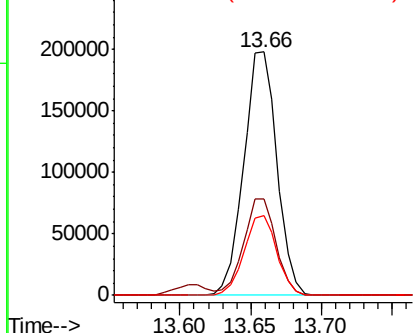
#47
 2-Chloronaphthalene
 Concen: 39.052 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB117983BS

Tgt Ion: 162 Resp: 325733
 Ion Ratio Lower Upper
 162 100
 127 39.4 31.0 46.6
 164 32.9 25.7 38.5

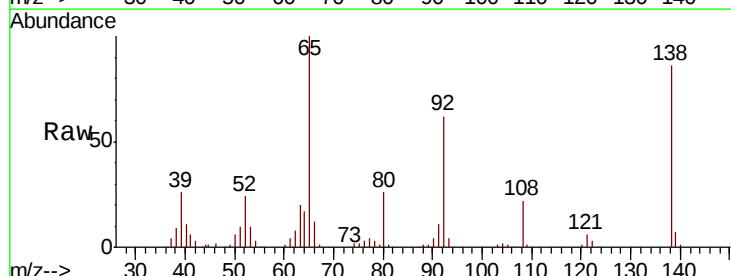


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

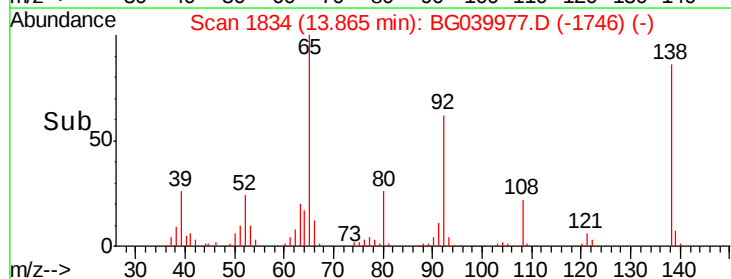
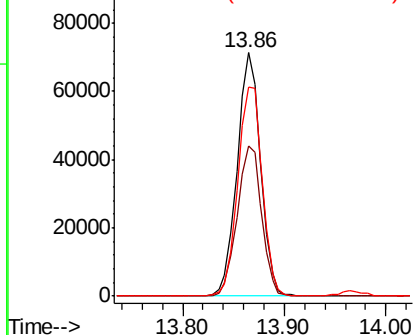


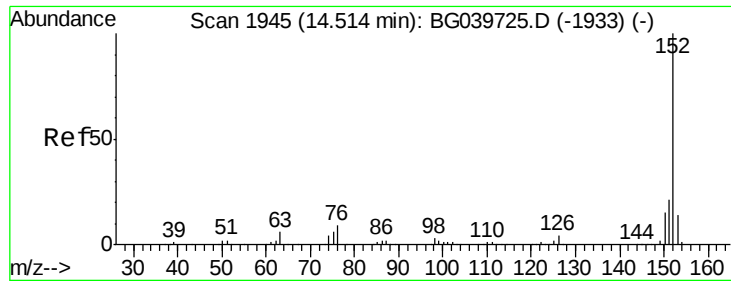
#48
 2-Nitroaniline
 Concen: 42.616 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

Tgt Ion: 65 Resp: 114235
 Ion Ratio Lower Upper
 65 100
 92 61.6 51.4 77.2
 138 85.9 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: 37.622 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

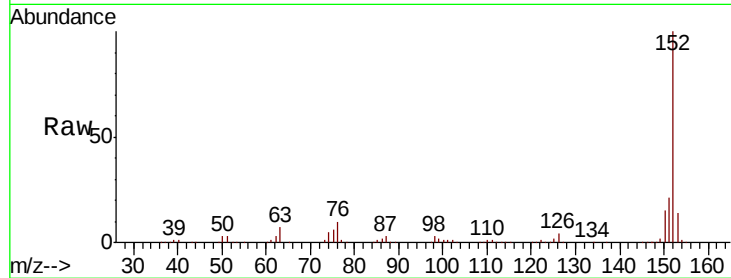
Tgt Ion:152 Resp: 515145

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

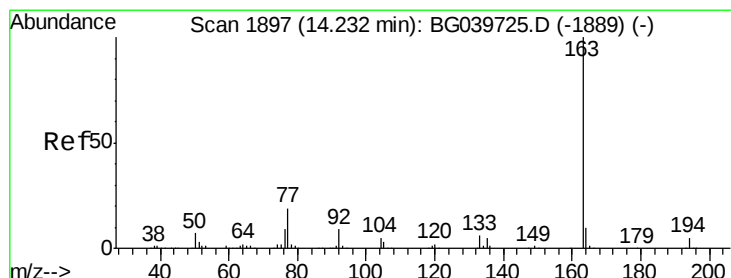
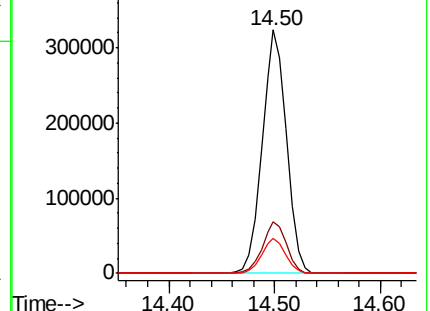
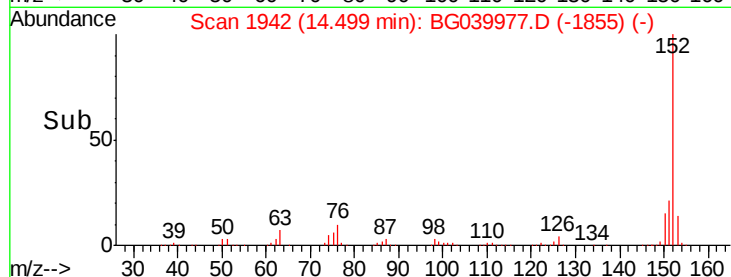
153 14.2 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.963 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

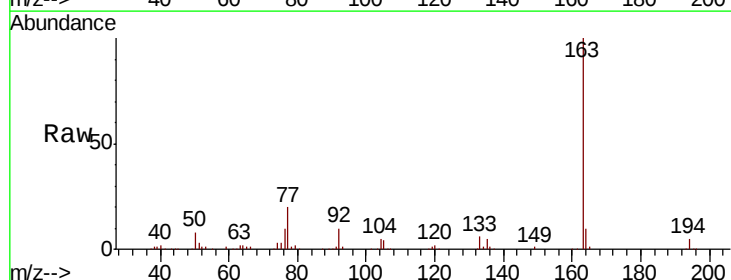
Tgt Ion:163 Resp: 427921

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

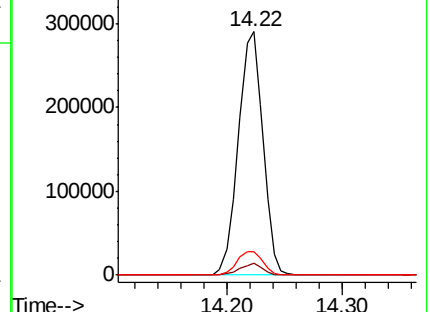
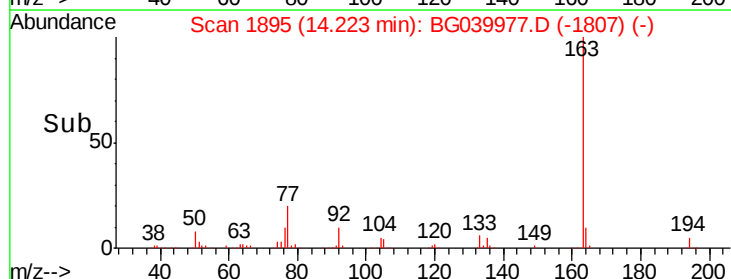
164 9.7 8.4 12.6

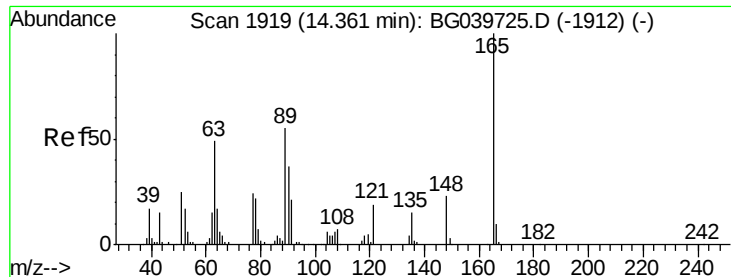


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

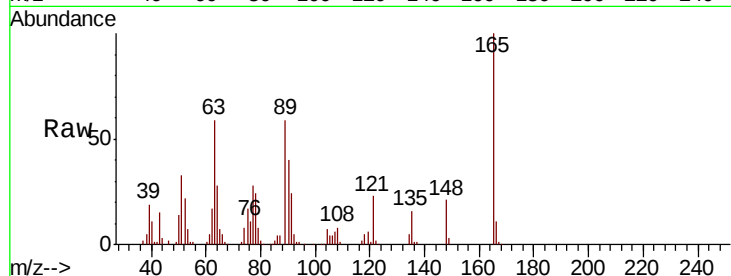




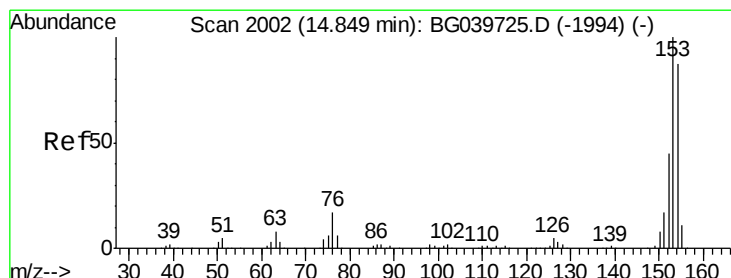
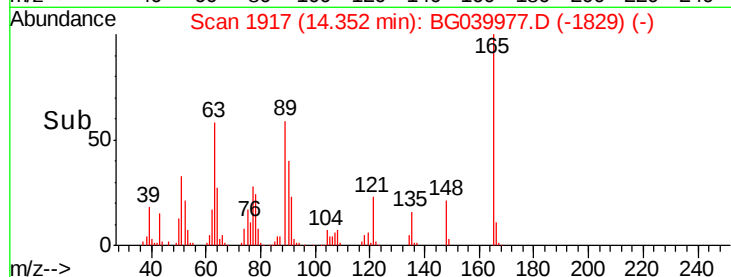
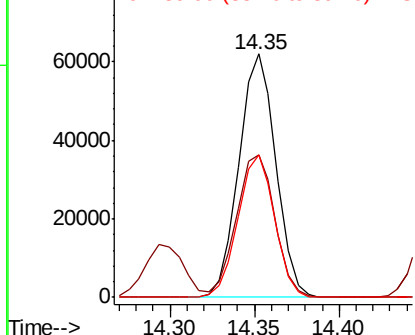
#51
 2,6-Dinitrotoluene
 Concen: 39.430 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB117983BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.8	47.0	70.6
89	58.8	45.8	68.8

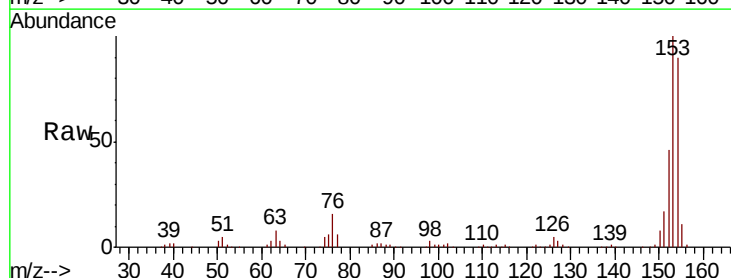


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

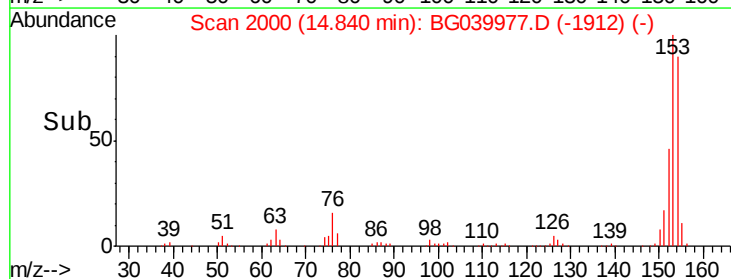
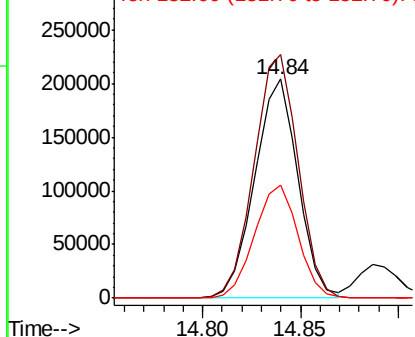


#52
 Acenaphthene
 Concen: 37.946 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.1	135.1
152	51.4	40.9	61.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.682 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

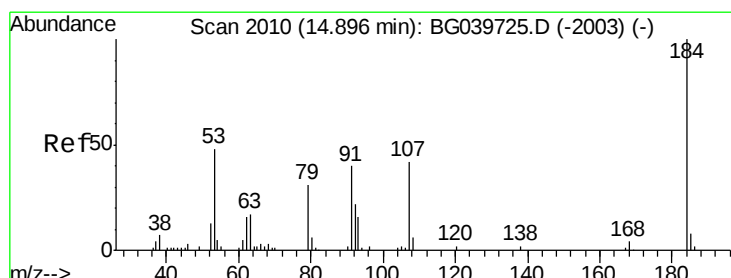
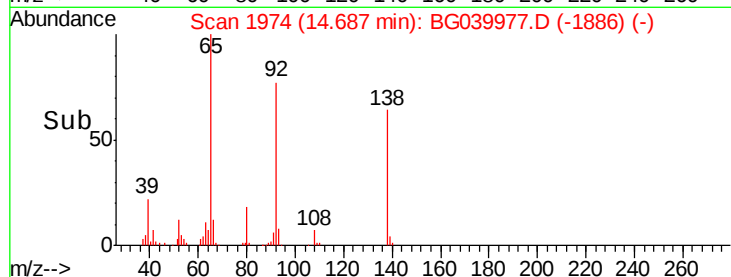
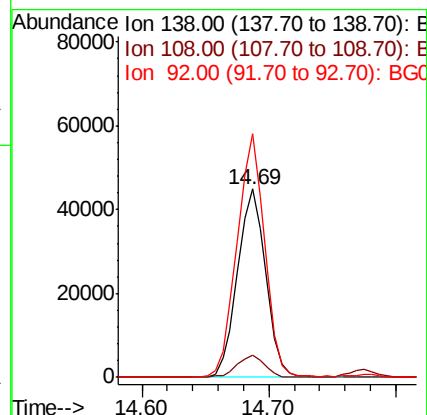
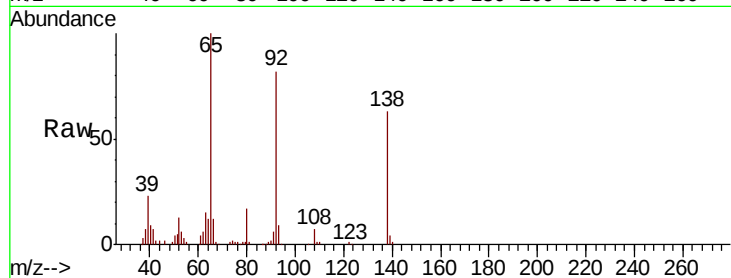
Tgt Ion:138 Resp: 68897

Ion Ratio Lower Upper

138 100

108 11.6 13.8 20.8#

92 129.4 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 51.866 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

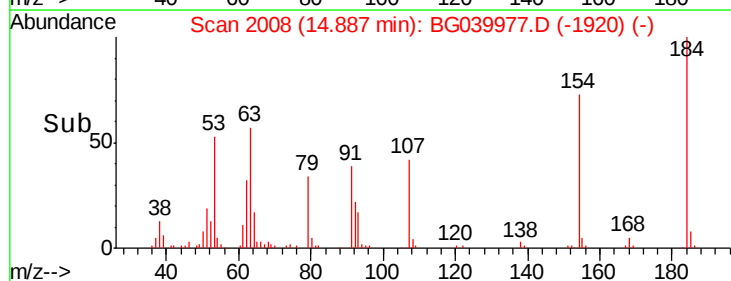
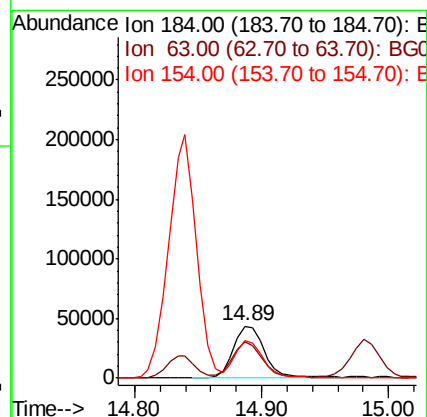
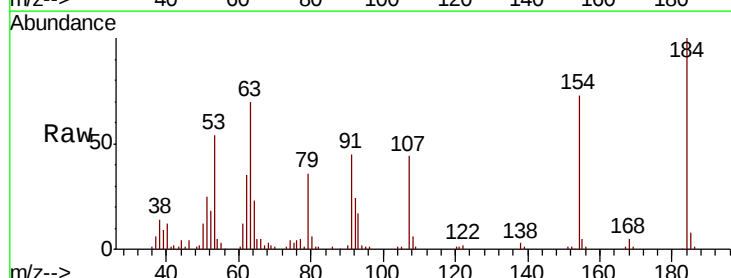
Tgt Ion:184 Resp: 75180

Ion Ratio Lower Upper

184 100

63 70.1 50.9 76.3

154 73.1 53.0 79.6





#55

Dibenzenofuran

Concen: 38.176 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

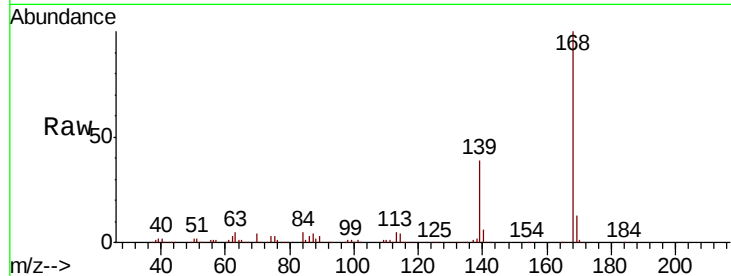
Tgt Ion:168 Resp: 516195

Ion Ratio Lower Upper

168 100

139 39.3 30.1 45.1

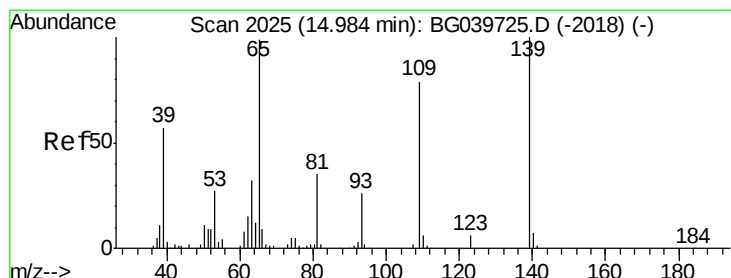
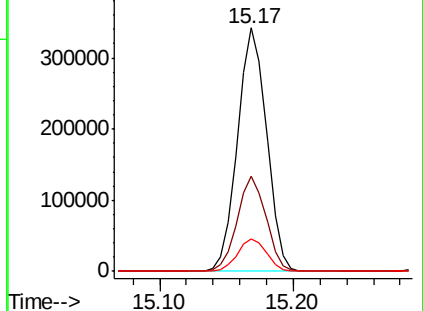
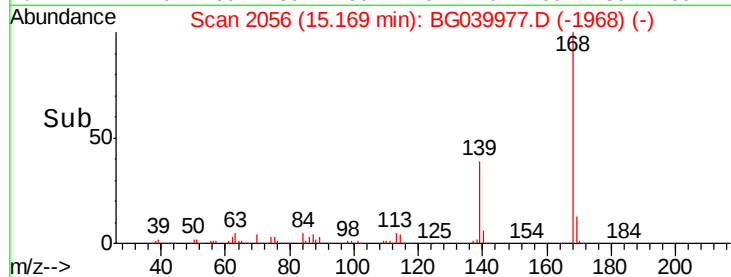
169 13.1 10.6 16.0



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: 71.212 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

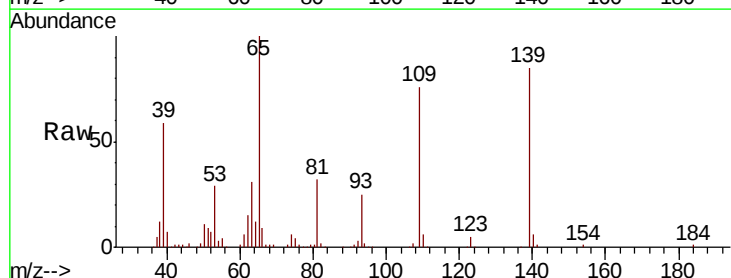
Tgt Ion:139 Resp: 153024

Ion Ratio Lower Upper

139 100

109 89.7 61.9 101.9

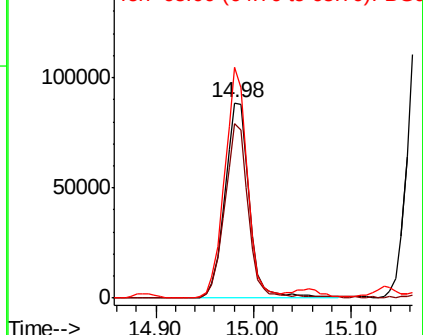
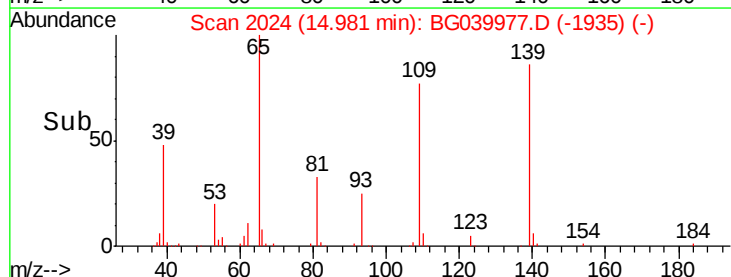
65 118.0 99.1 139.1

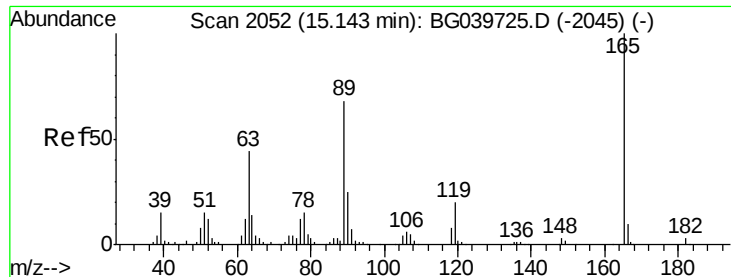


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

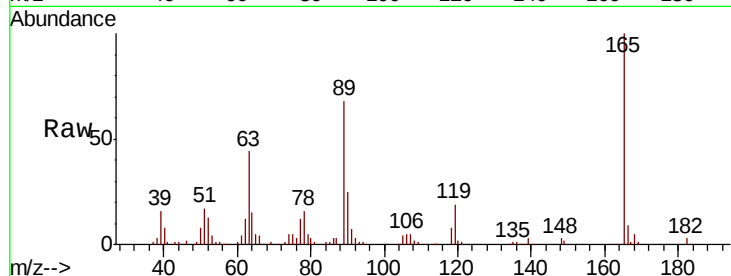




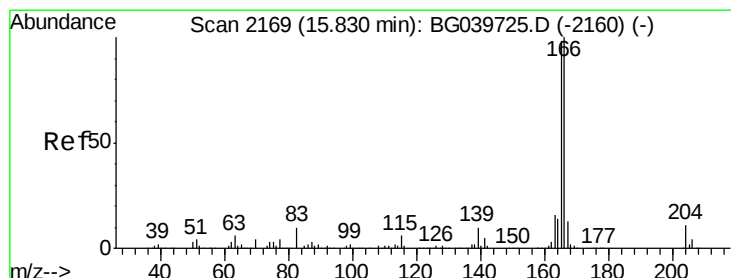
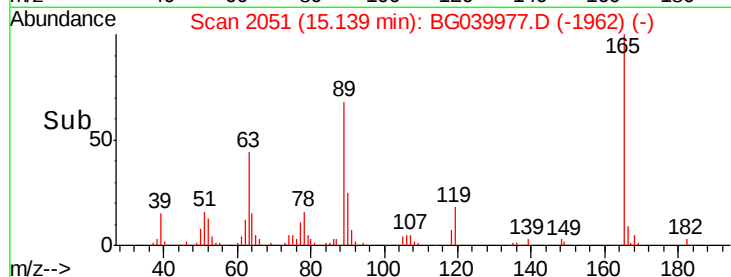
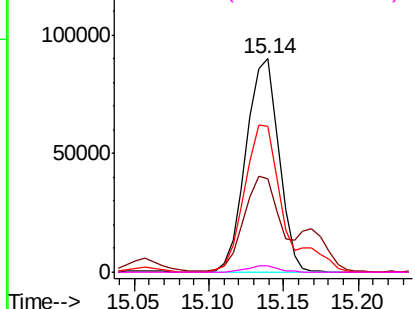
#57
2,4-Dinitrotoluene
Concen: 40.732 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB117983BS

Tgt Ion:	165	Resp:	136768
Ion	Ratio	Lower	Upper
165	100		
63	43.6	41.0	61.6
89	68.5	64.6	96.8
182	2.8	2.0	3.0

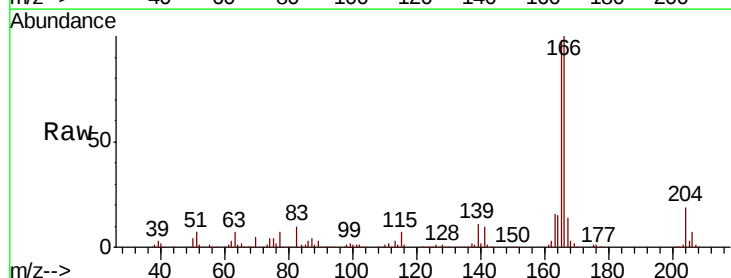


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

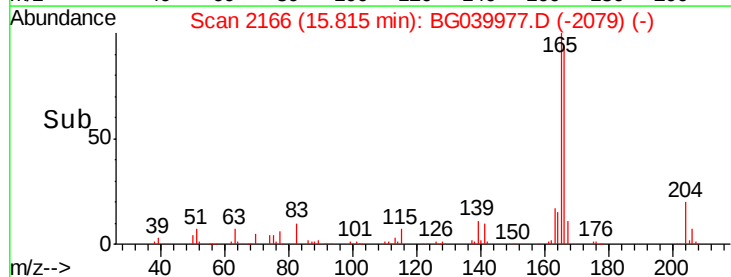
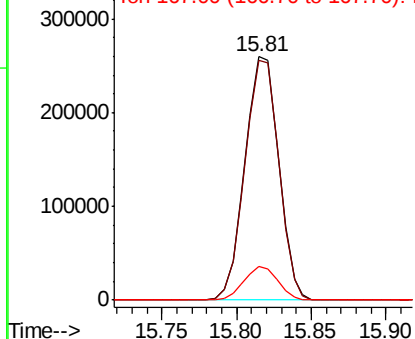


#58
Fluorene
Concen: 38.225 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Tgt Ion:	166	Resp:	406321
Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.9	116.9
167	14.0	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

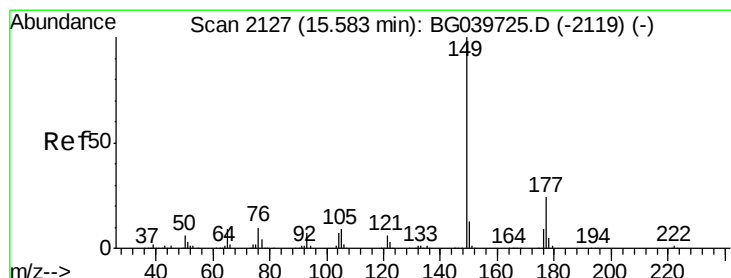
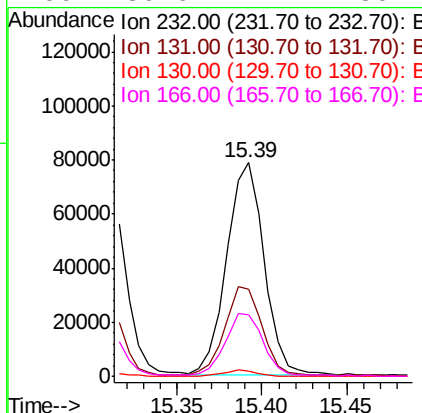
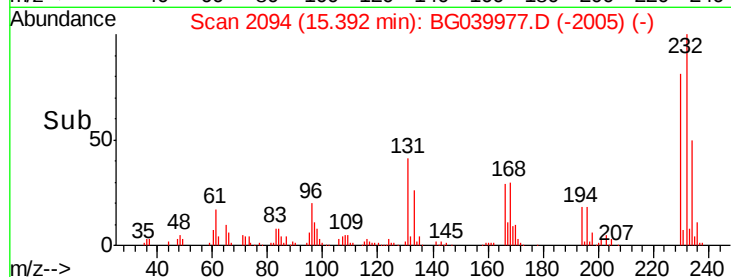
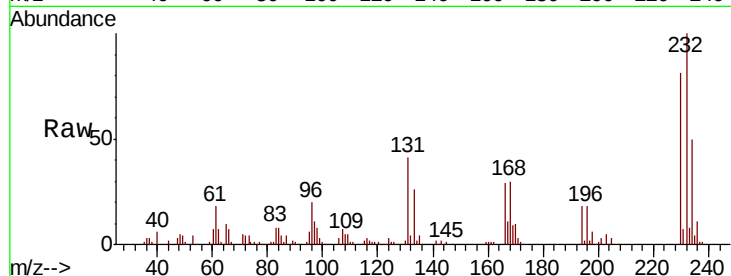




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.203 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

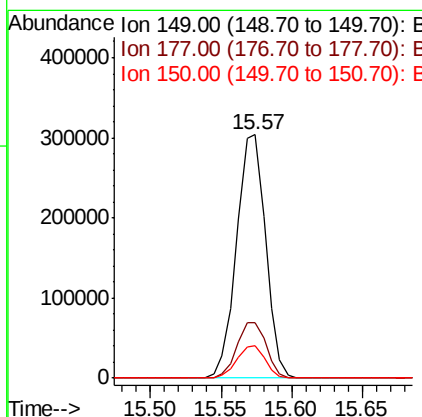
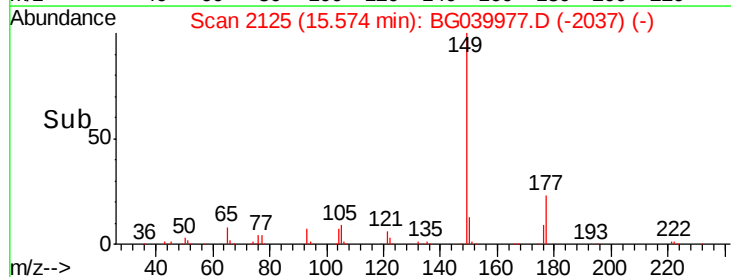
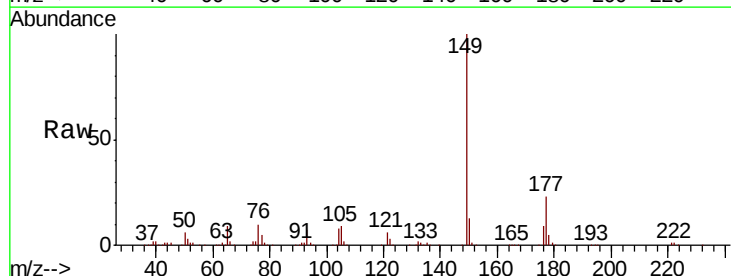
Instrument :
 BNA_G
 ClientSampleId :
 PB117983BS

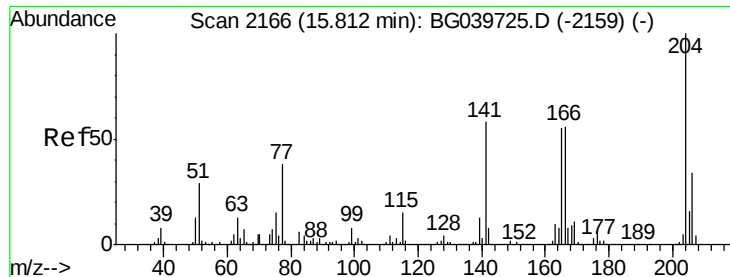
Tgt Ion:	232	Resp:	121270
Ion	Ratio	Lower	Upper
232	100		
131	43.5	34.9	52.3
130	2.6	2.0	3.0
166	30.6	24.1	36.1



#60
 Diethylphthalate
 Concen: 39.137 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

Tgt Ion:	149	Resp:	436716
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	13.1	10.2	15.2

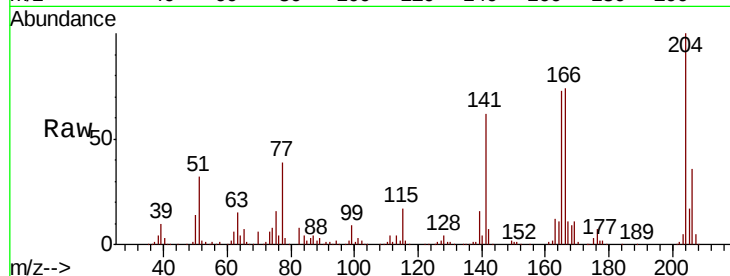




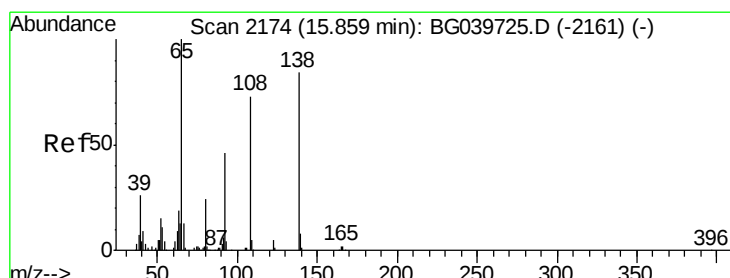
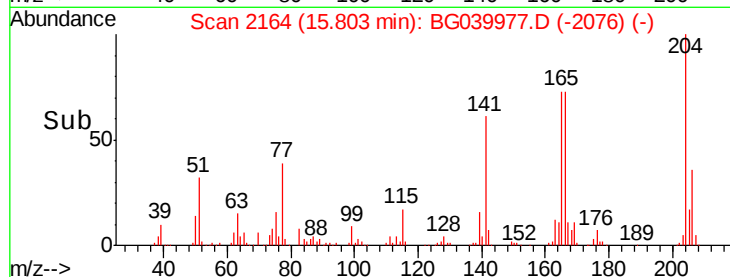
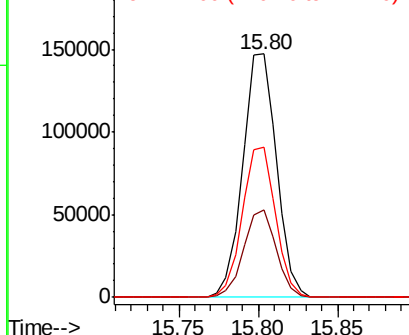
#61
4-Chlorophenyl-phenylether
Concen: 38.291 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB117983BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.1	29.2	43.8
141	61.6	49.0	73.4

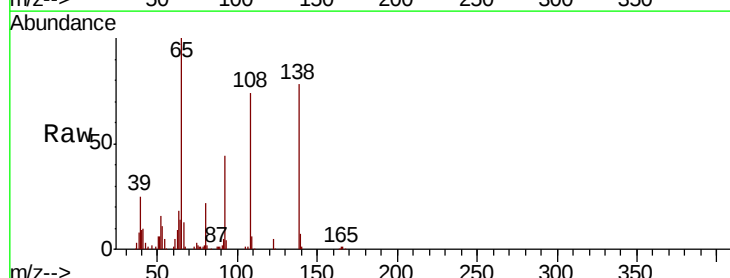


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

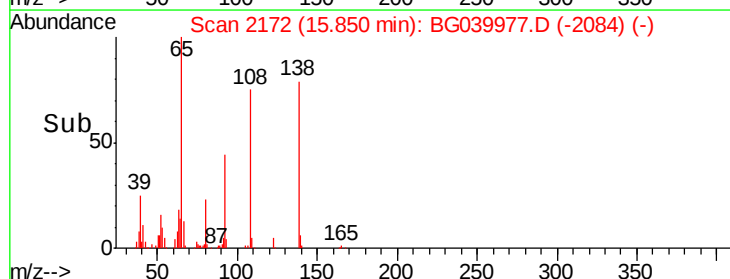
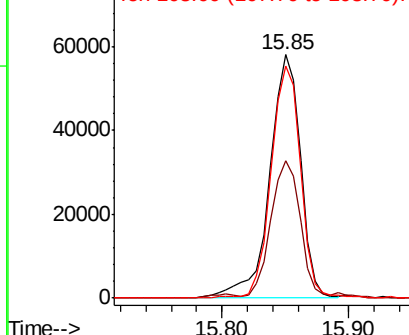


#62
4-Nitroaniline
Concen: 37.770 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.4	38.7	78.7
108	95.5	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

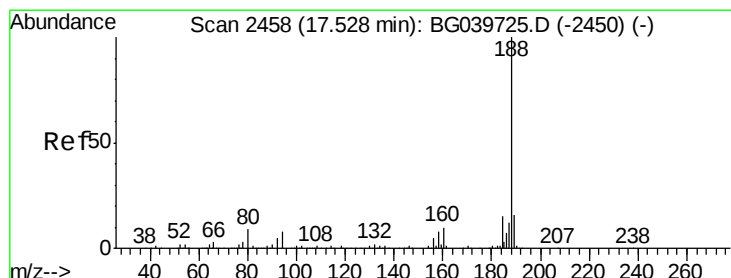
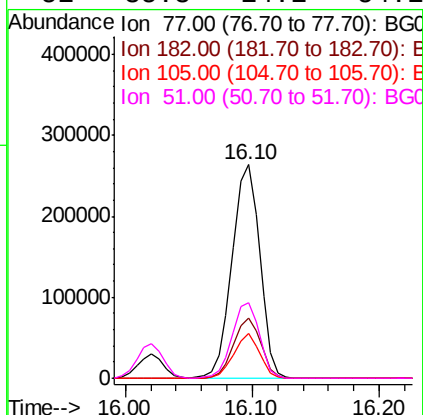
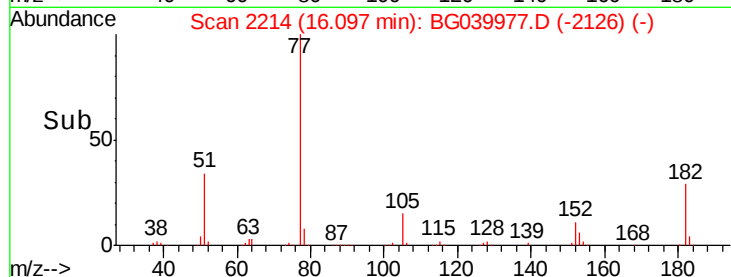
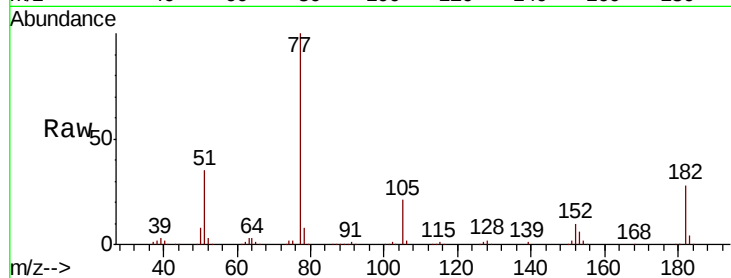




#63
Azobenzene
Concen: 39.489 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

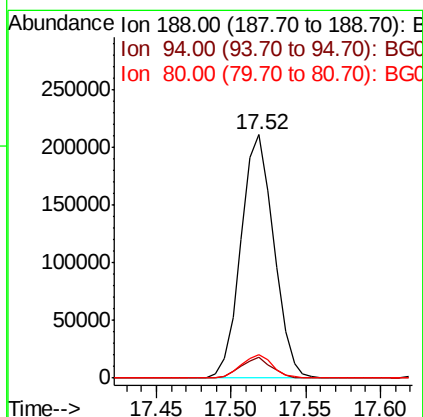
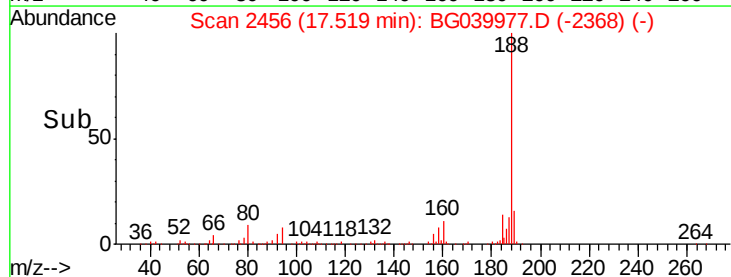
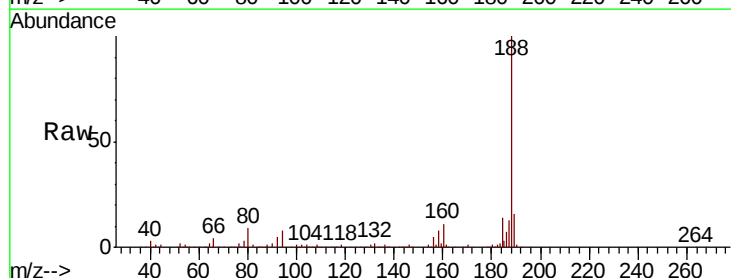
Instrument :
BNA_G
ClientSampleId :
PB117983BS

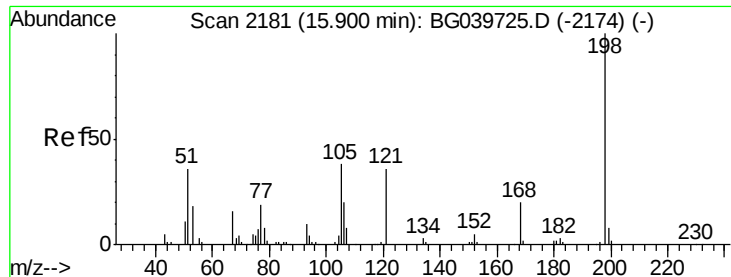
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.4	46.4
105	21.0	0.0	39.8
51	35.3	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.5	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.068 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

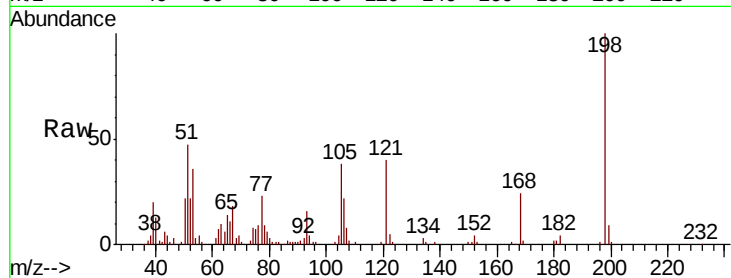
Tgt Ion:198 Resp: 70555

Ion Ratio Lower Upper

198 100

51 46.7 27.4 67.4

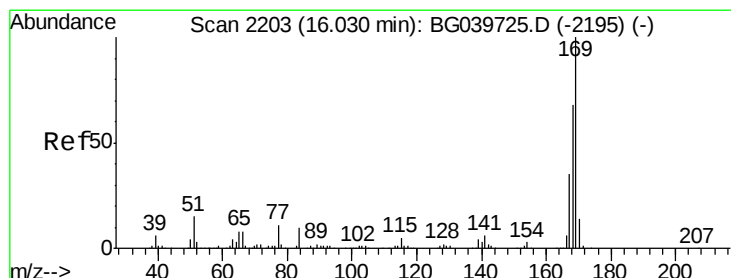
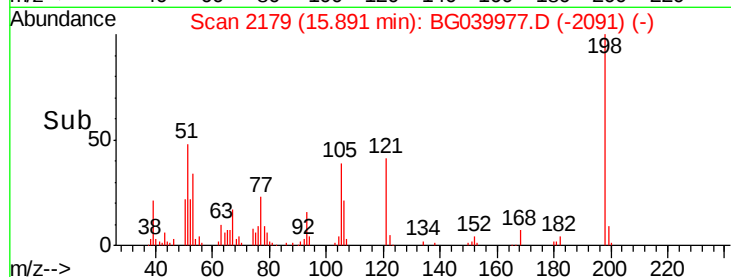
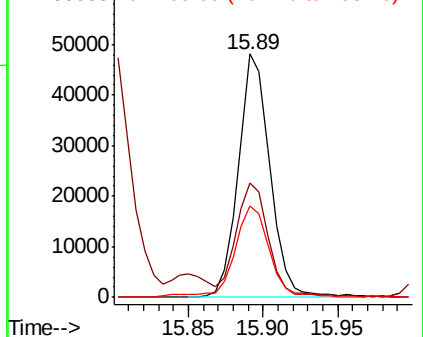
105 37.7 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.507 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

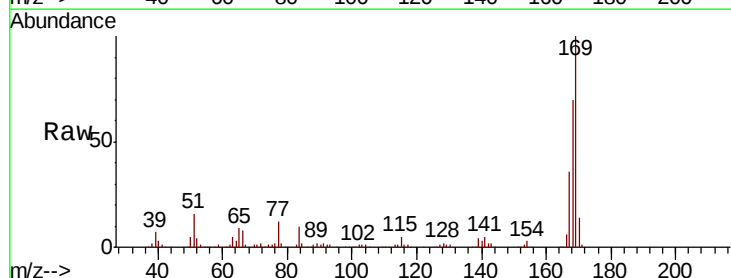
Tgt Ion:169 Resp: 368185

Ion Ratio Lower Upper

169 100

168 70.1 56.6 85.0

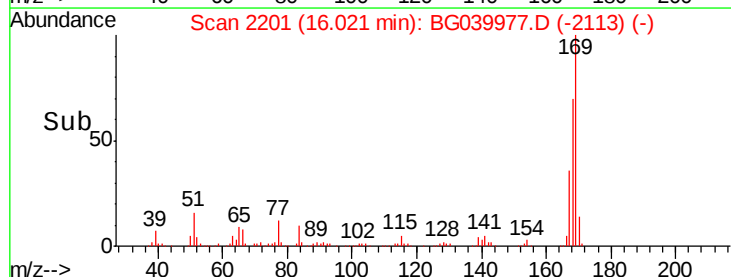
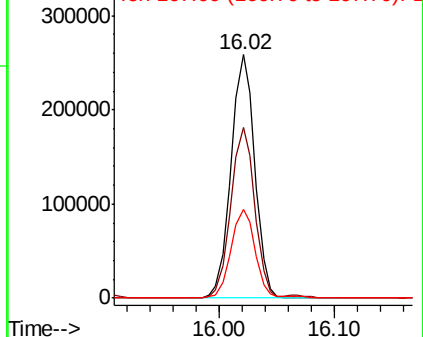
167 36.4 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

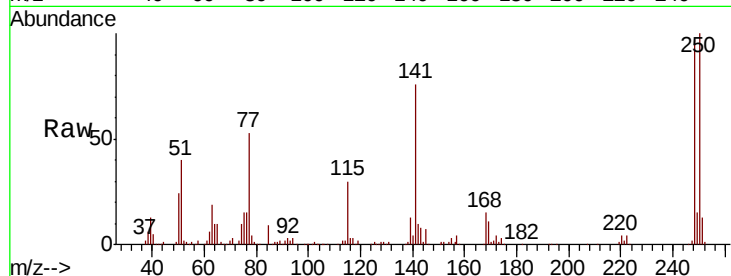




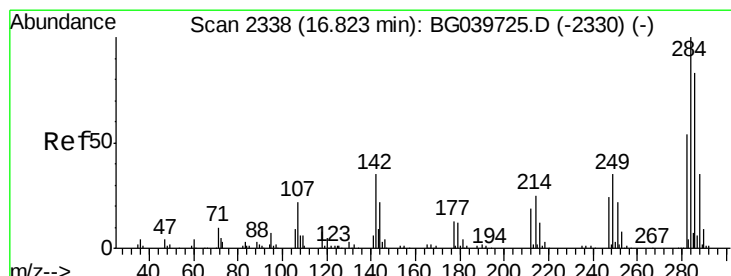
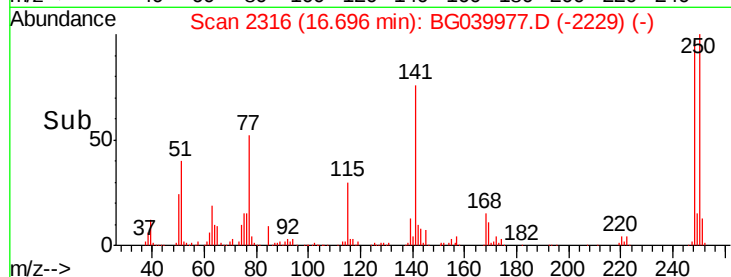
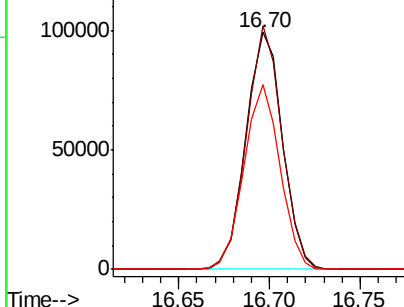
#67
4-Bromophenyl-phenylether
Concen: 38.661 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB117983BS

Tgt Ion:248 Resp: 139309
Ion Ratio Lower Upper
248 100
250 102.8 77.6 116.4
141 78.2 63.9 95.9

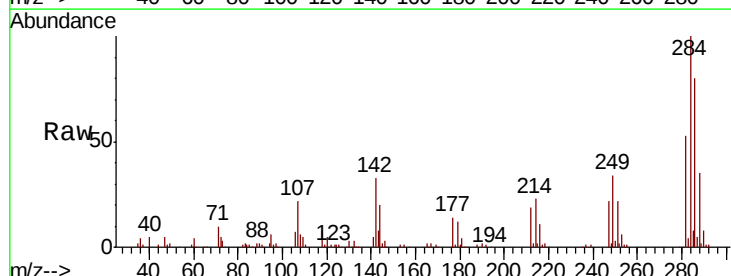


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

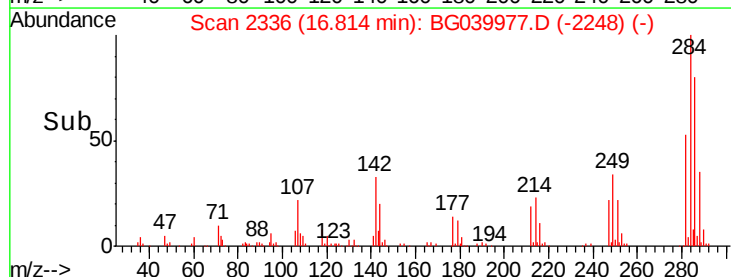
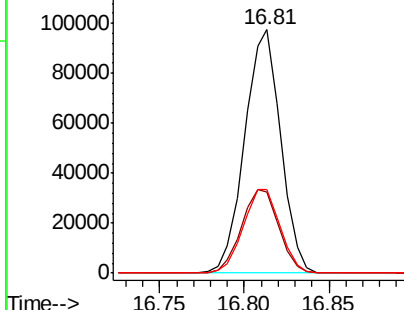


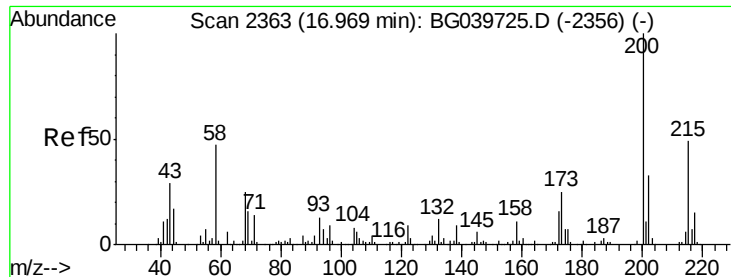
#68
Hexachlorobenzene
Concen: 38.657 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Tgt Ion:284 Resp: 144386
Ion Ratio Lower Upper
284 100
142 33.1 30.6 45.8
249 34.5 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: 38.070 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

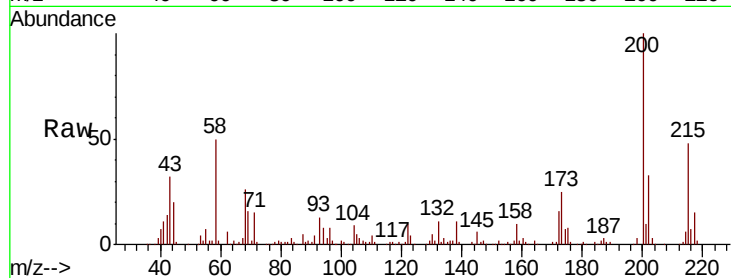
Tgt Ion:200 Resp: 139633

Ion Ratio Lower Upper

200 100

173 24.9 3.9 43.9

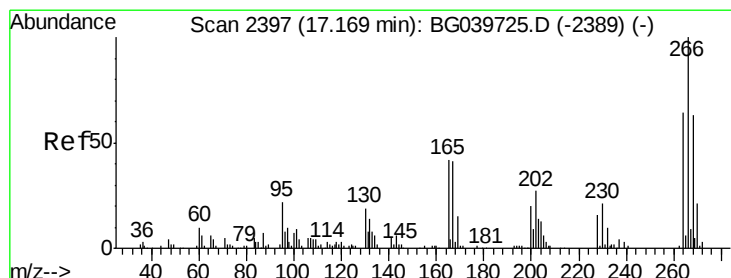
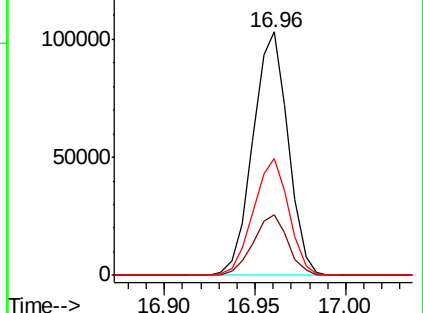
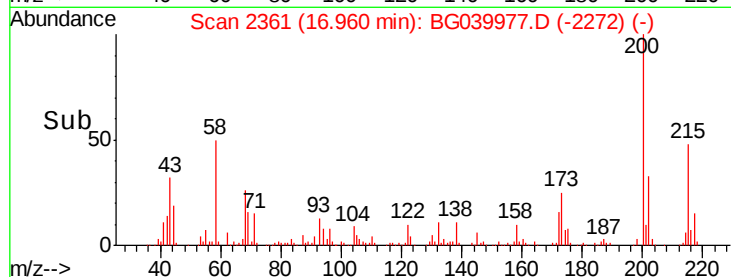
215 47.8 30.9 70.9



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: 73.355 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

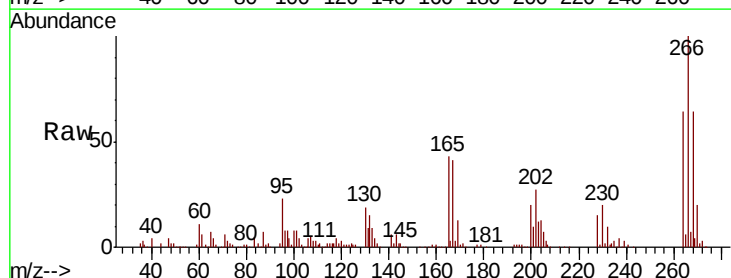
Tgt Ion:266 Resp: 173036

Ion Ratio Lower Upper

266 100

268 63.7 51.1 76.7

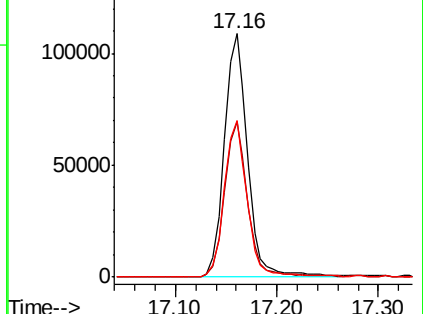
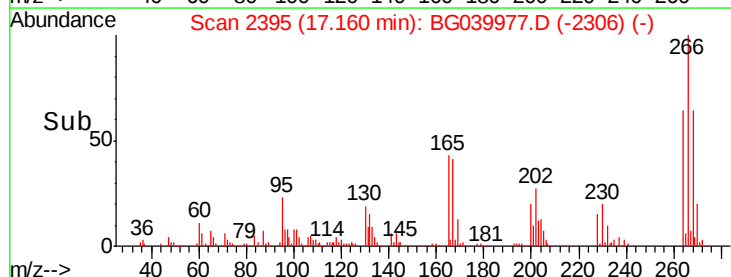
264 64.2 52.1 78.1

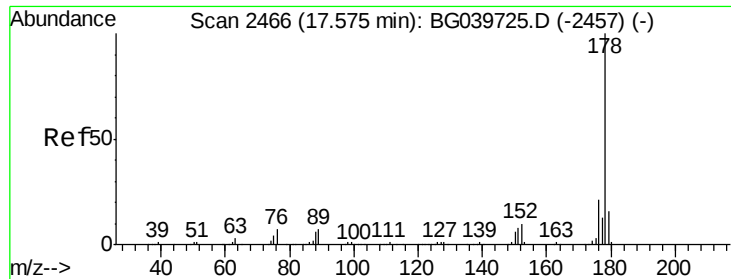


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

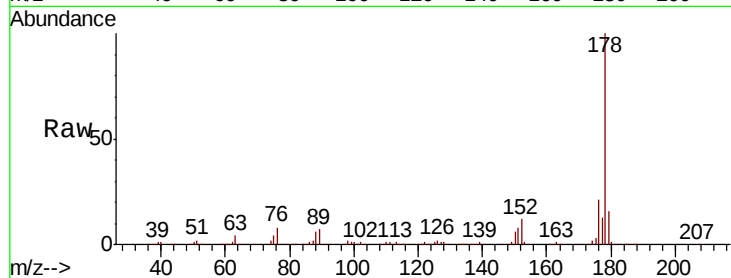




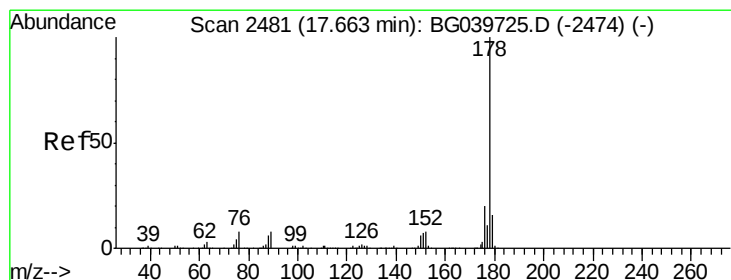
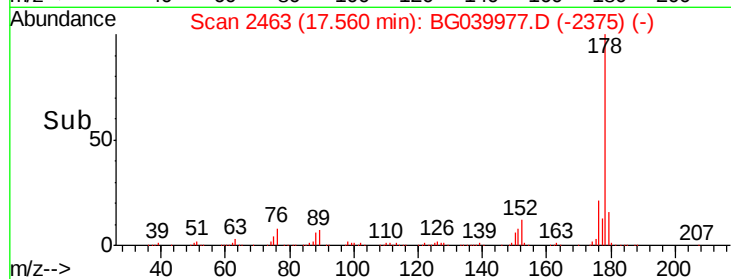
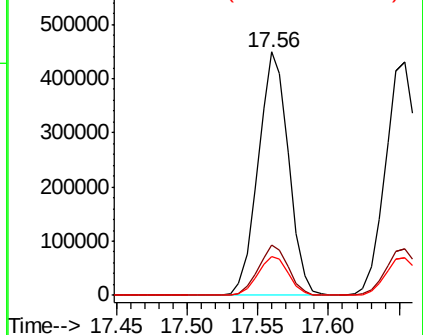
#71
Phenanthrene
Concen: 38.271 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB117983BS

Tgt Ion:178 Resp: 678605
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.1 12.6 19.0

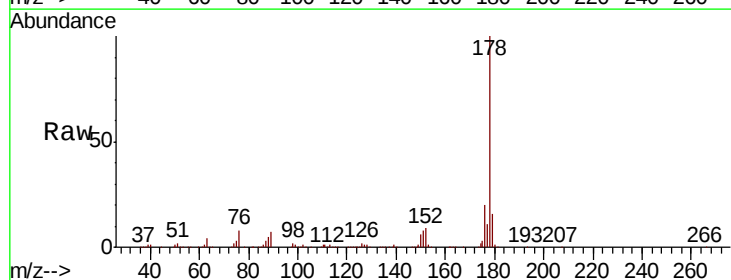


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

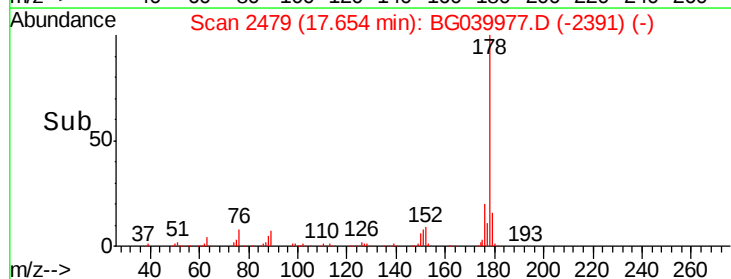
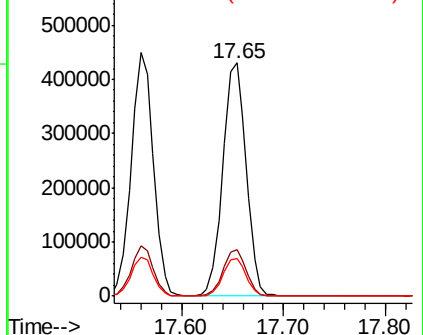


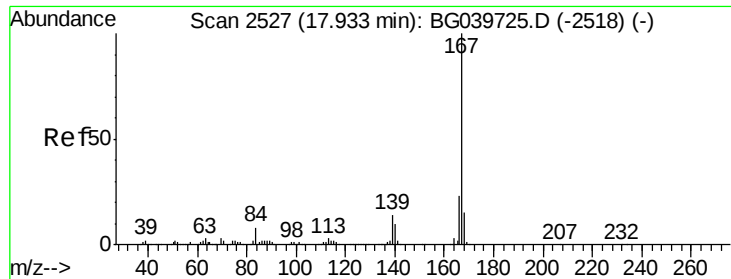
#72
Anthracene
Concen: 39.633 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Tgt Ion:178 Resp: 684814
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

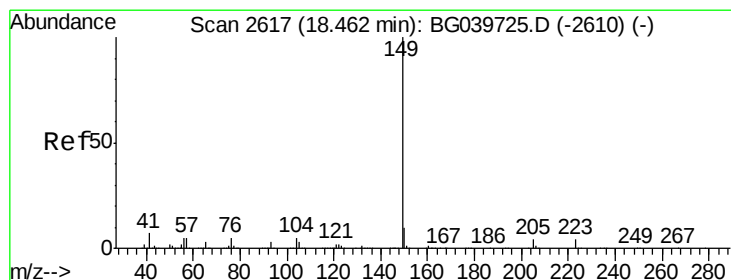
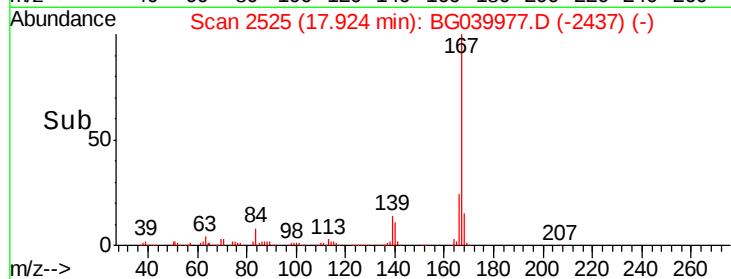
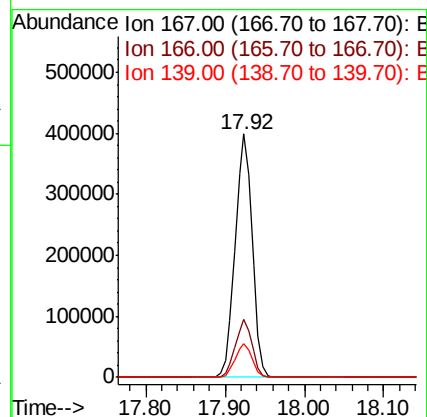
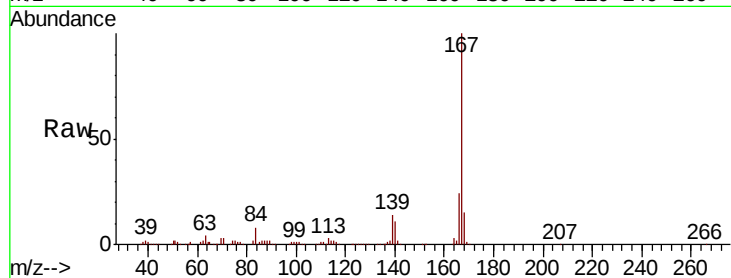




#73
 Carbazole
 Concen: 38.076 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

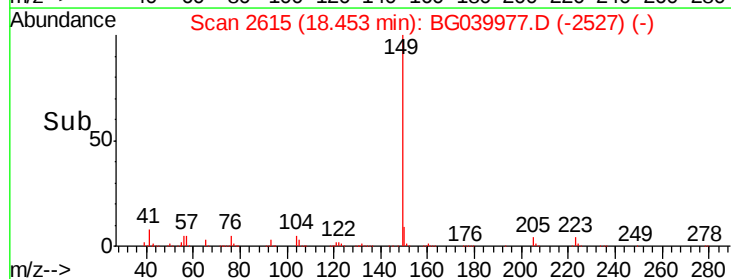
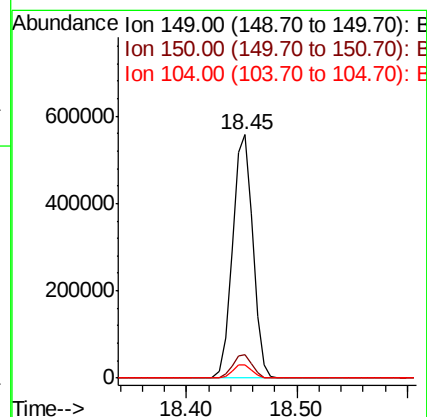
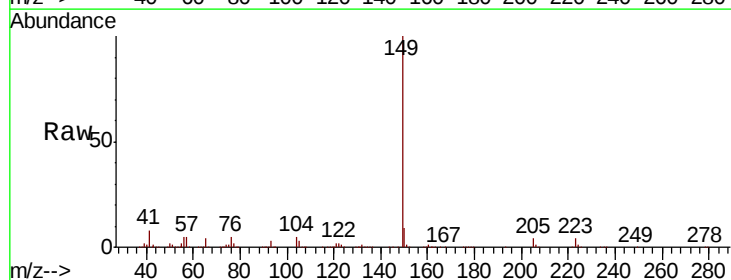
Instrument :
 BNA_G
 ClientSampleId :
 PB117983BS

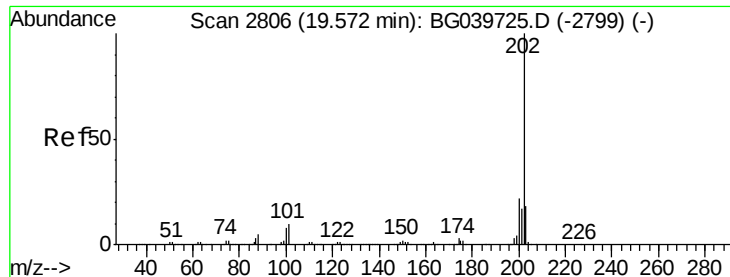
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	13.9	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 39.117 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039977.D
 Acq: 18 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 38.164 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

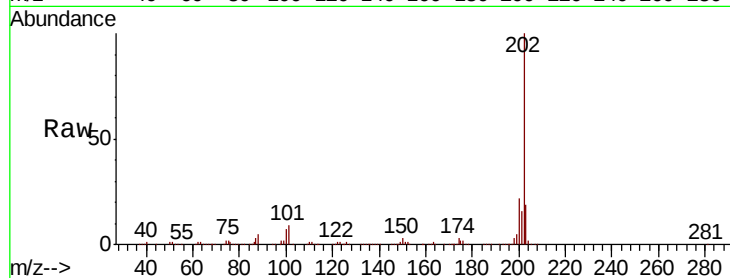
Tgt Ion:202 Resp: 799749

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.0

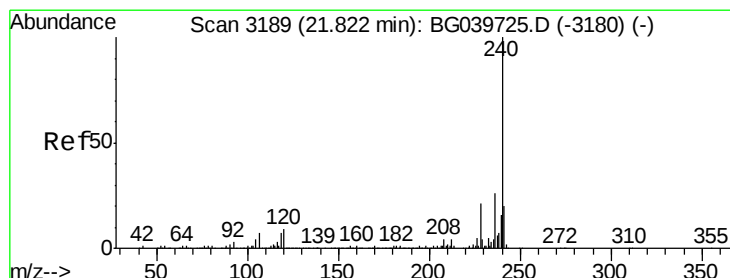
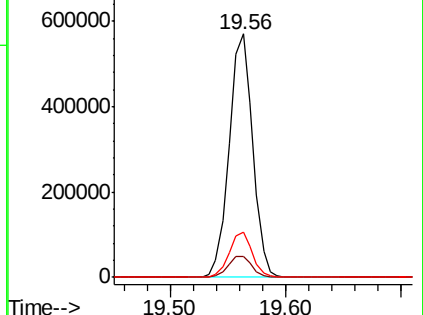
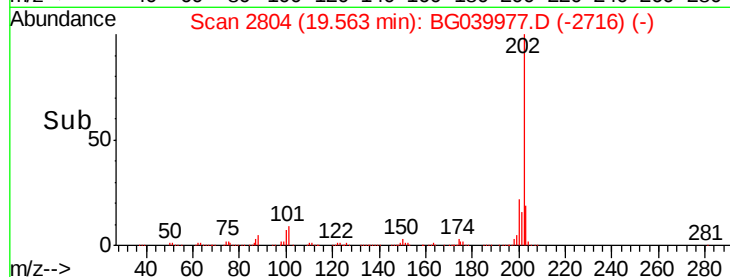
203 18.6 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

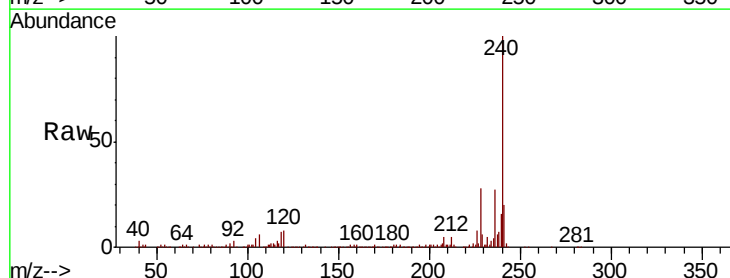
Tgt Ion:240 Resp: 321858

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

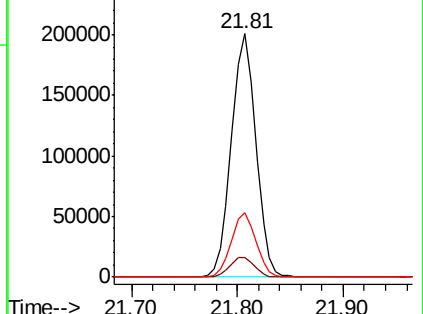
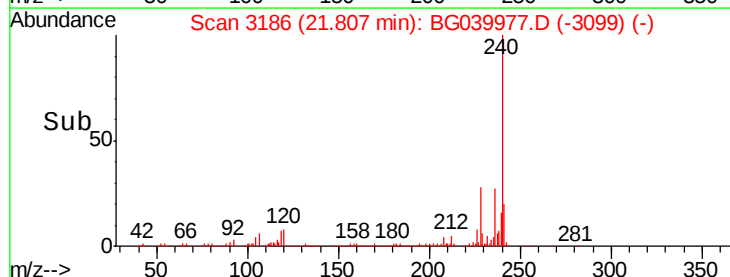
236 26.6 21.0 31.4

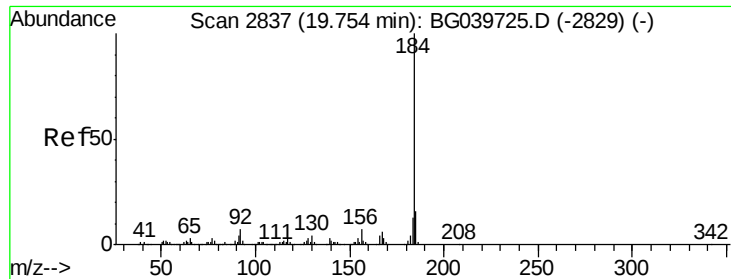


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.935 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

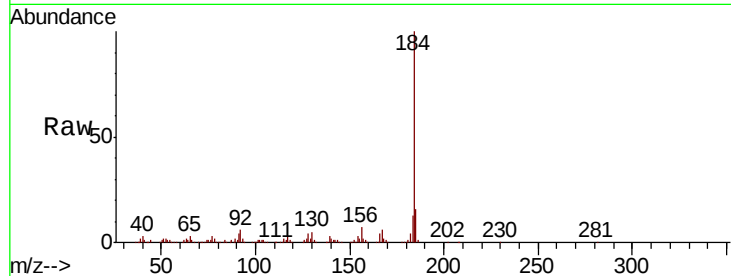
Tgt Ion:184 Resp: 315951

Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.2

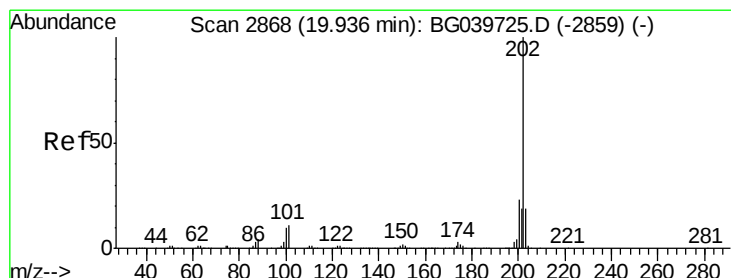
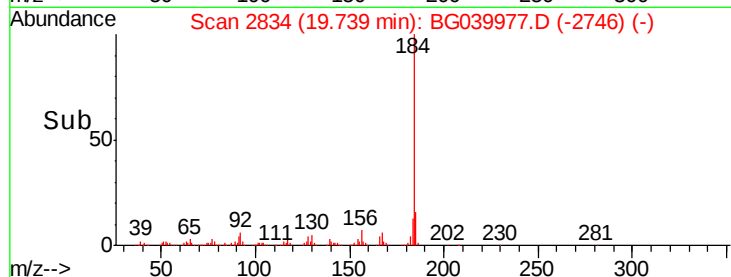
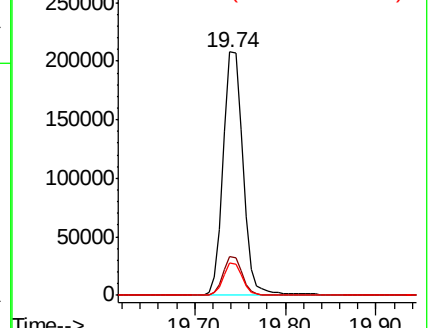
183 13.3 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.032 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

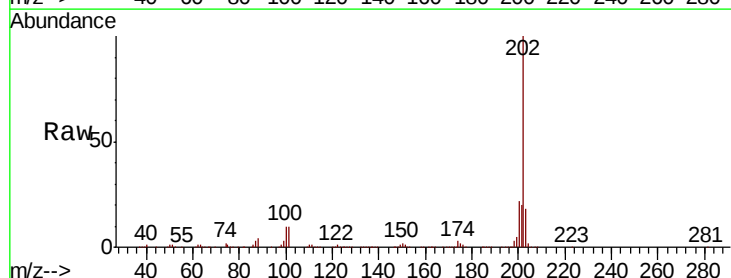
Tgt Ion:202 Resp: 795416

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.8

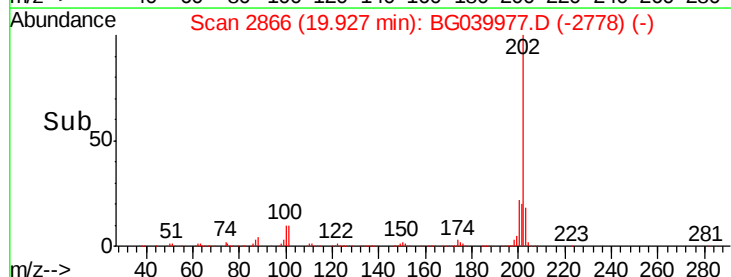
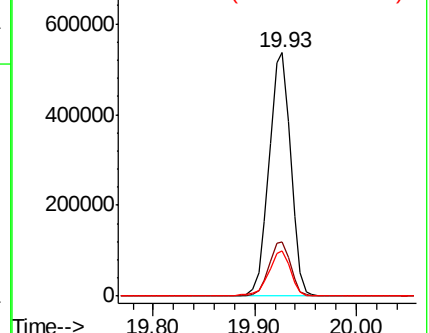
203 18.3 15.3 22.9

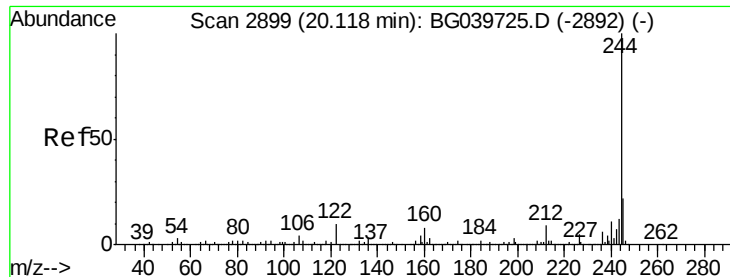


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.980 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

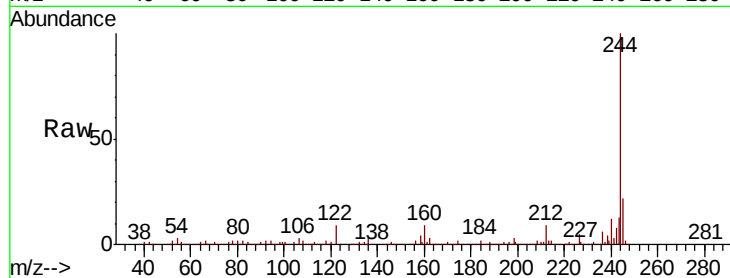
Tgt Ion:244 Resp: 1110676

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

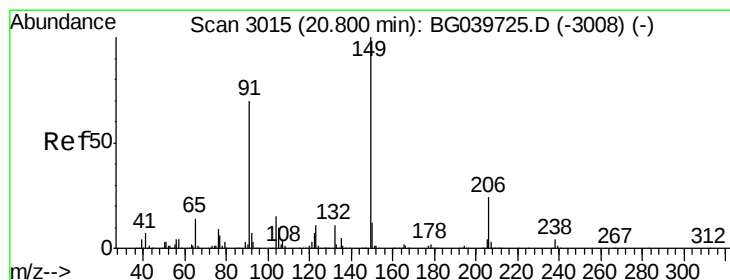
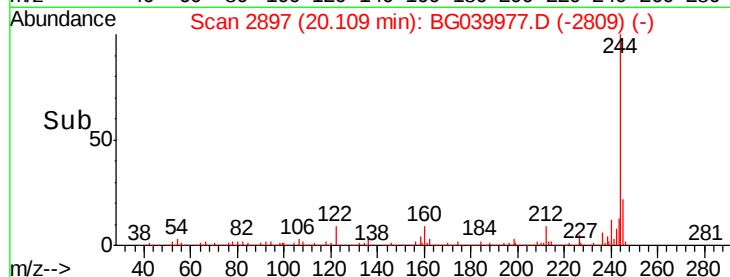
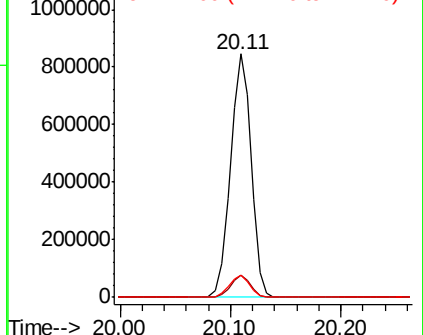
122 9.2 8.4 12.6



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: 41.206 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

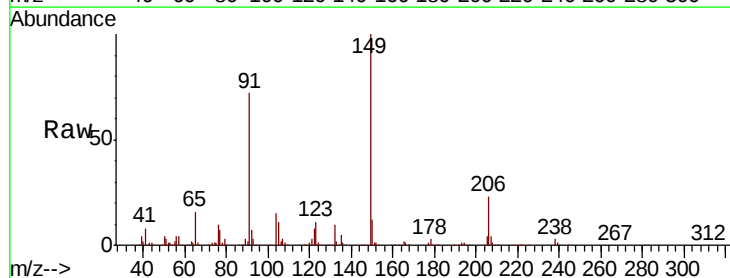
Tgt Ion:149 Resp: 333883

Ion Ratio Lower Upper

149 100

91 72.4 59.5 89.3

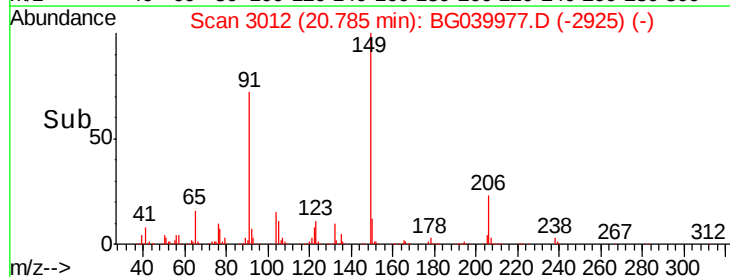
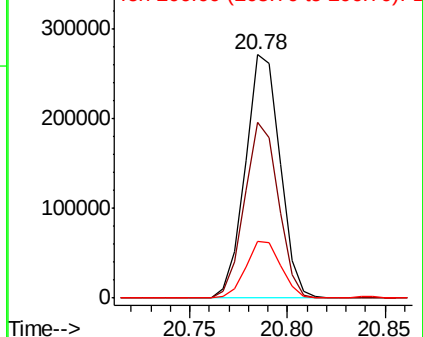
206 23.4 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.743 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

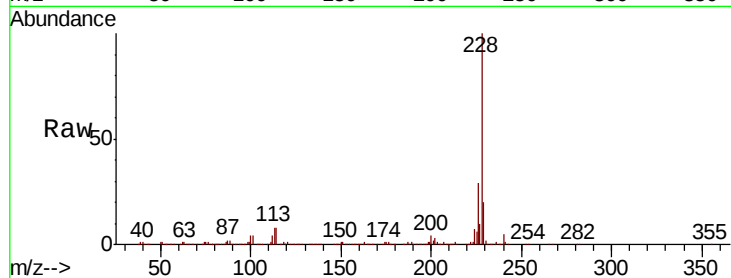
Tgt Ion:228 Resp: 781518

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.6

229 20.5 16.9 25.3

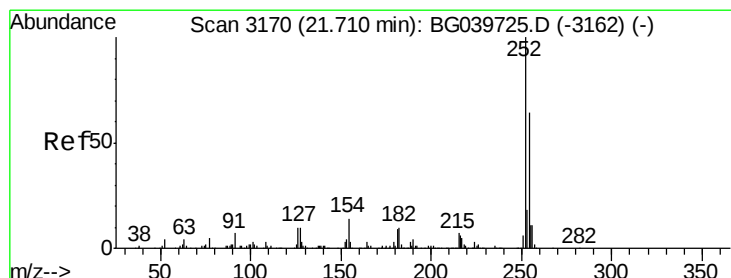
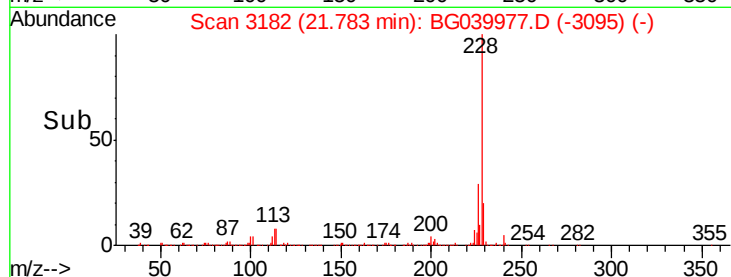
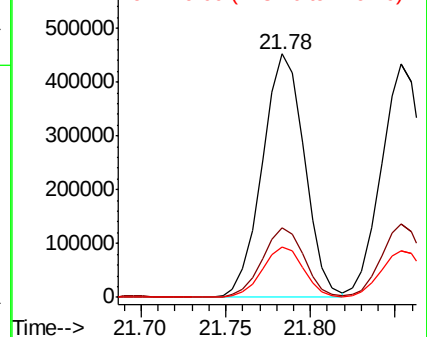


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.496 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

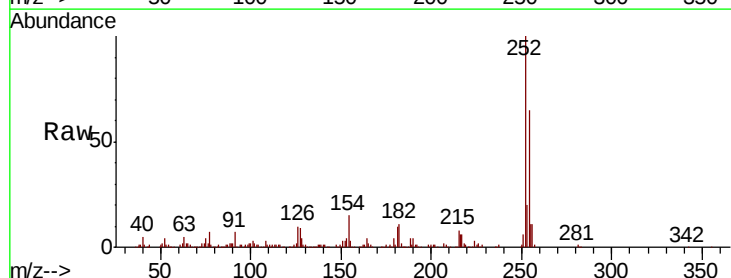
Tgt Ion:252 Resp: 195130

Ion Ratio Lower Upper

252 100

254 64.7 51.3 76.9

126 9.8 8.0 12.0

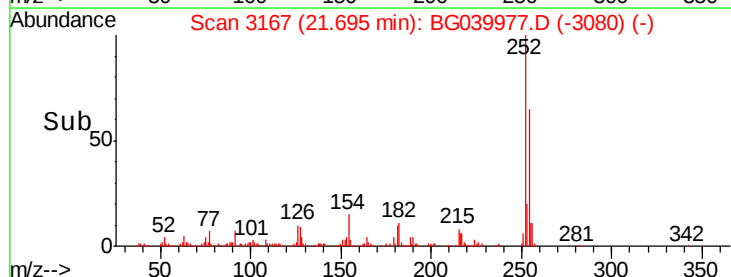
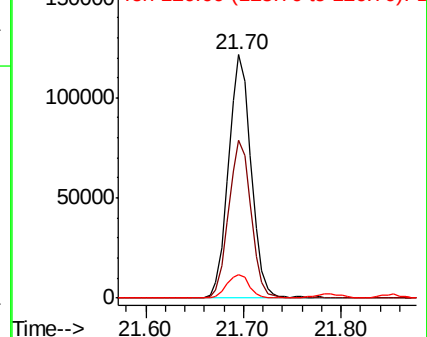


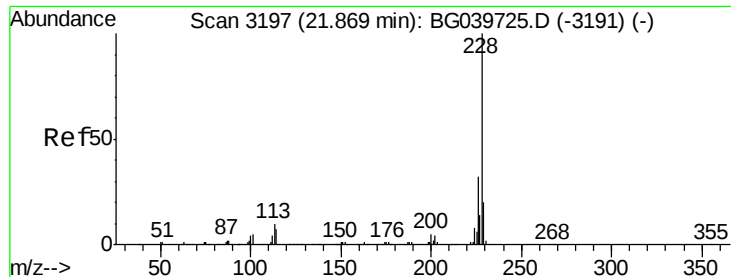
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.074 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

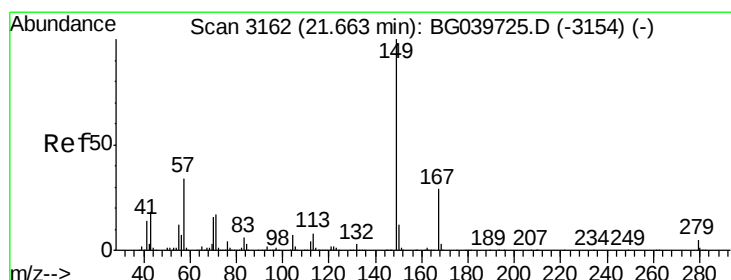
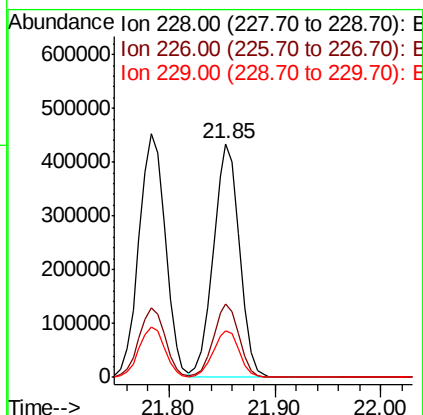
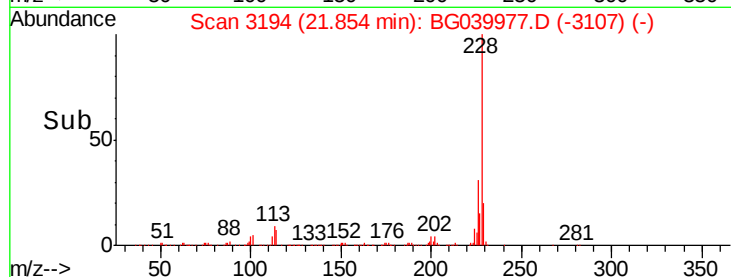
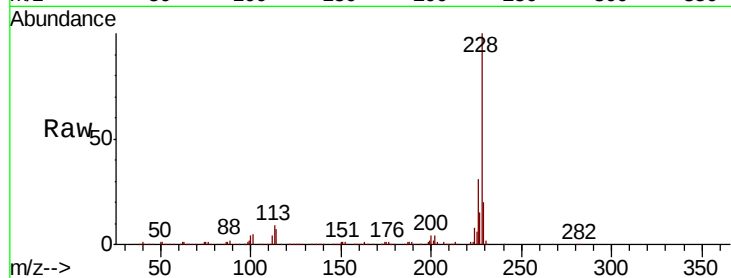
Tgt Ion:228 Resp: 744575

Ion Ratio Lower Upper

228 100

226 31.5 25.8 38.6

229 19.9 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.202 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

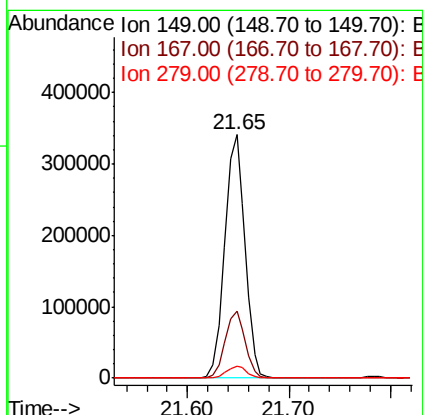
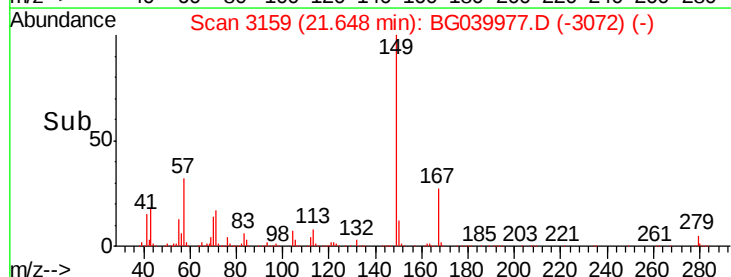
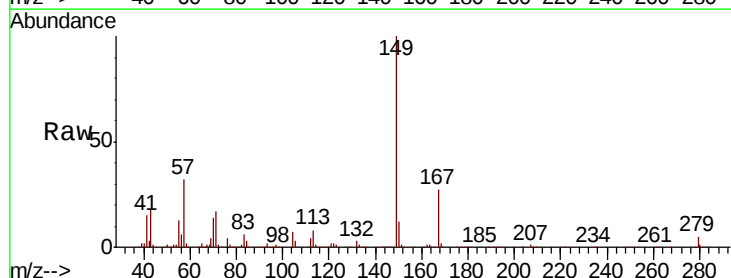
Tgt Ion:149 Resp: 469143

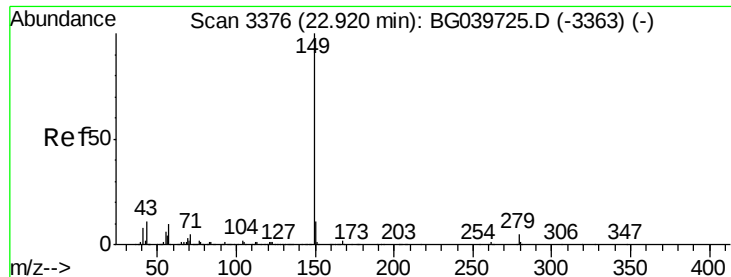
Ion Ratio Lower Upper

149 100

167 27.4 22.6 34.0

279 4.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 42.247 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

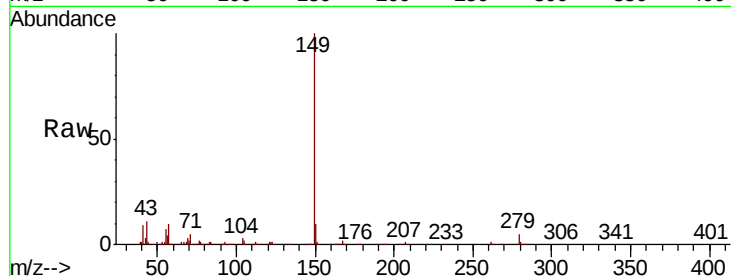
Tgt Ion:149 Resp: 796490

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

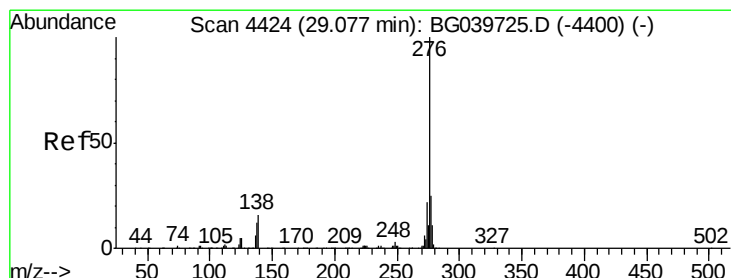
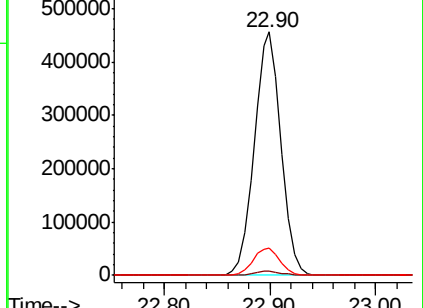
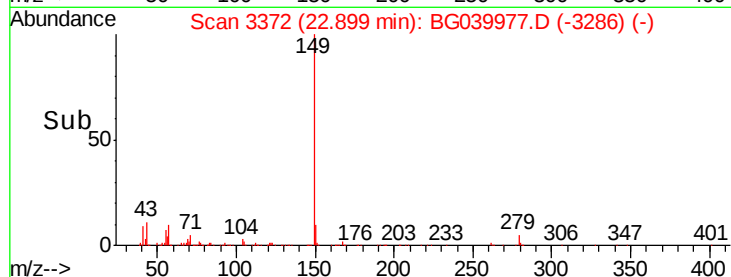
43 11.3 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.387 ng

RT: 29.04 min Scan# 4417

Delta R.T. -0.05 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

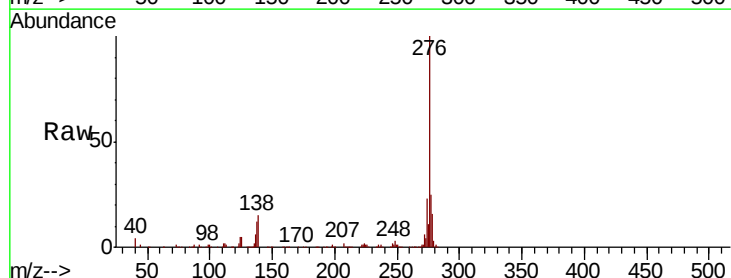
Tgt Ion:276 Resp: 873811

Ion Ratio Lower Upper

276 100

138 11.8 12.6 19.0#

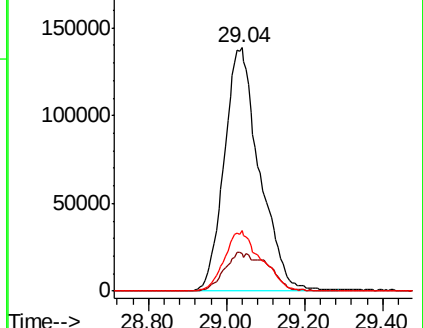
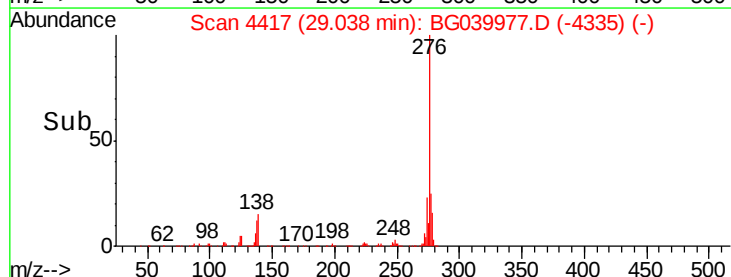
277 25.6 20.8 31.2

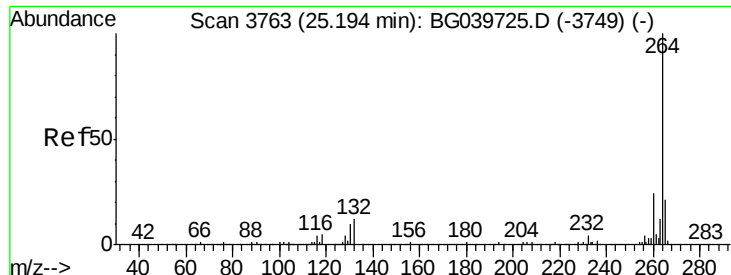


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

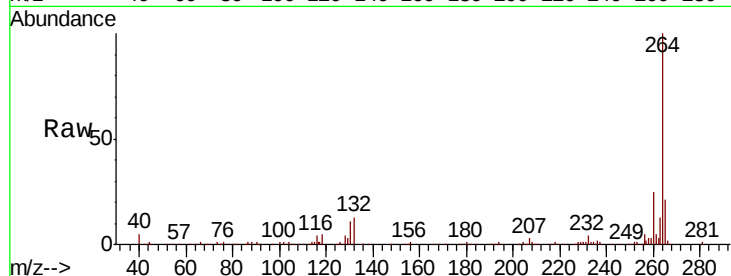
Tgt Ion:264 Resp: 320681

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

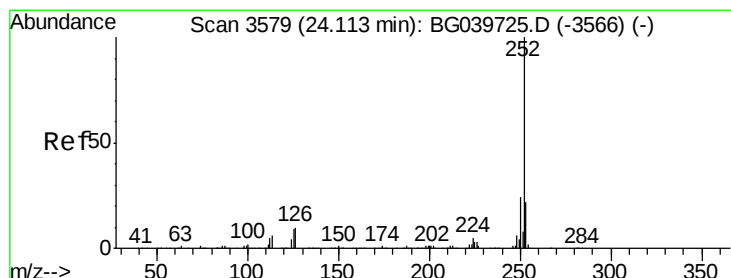
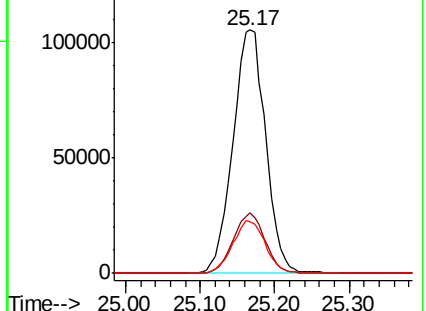
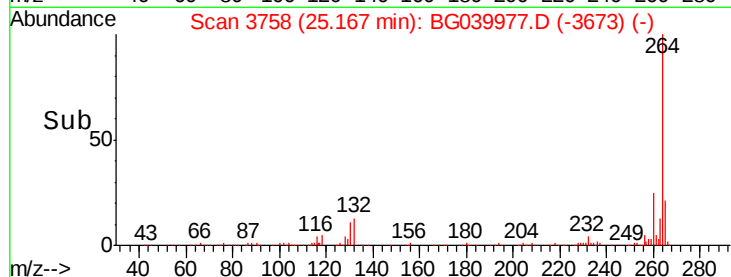
265 21.0 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.046 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

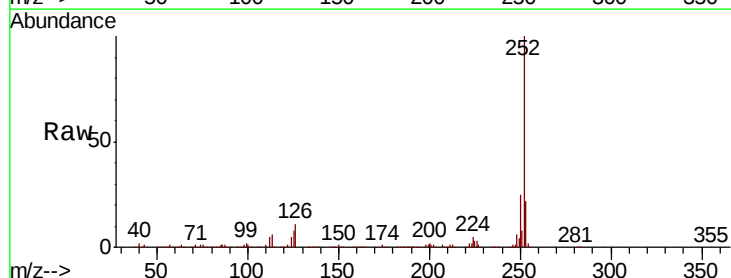
Tgt Ion:252 Resp: 784910

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

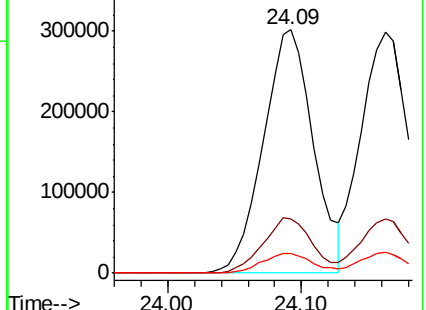
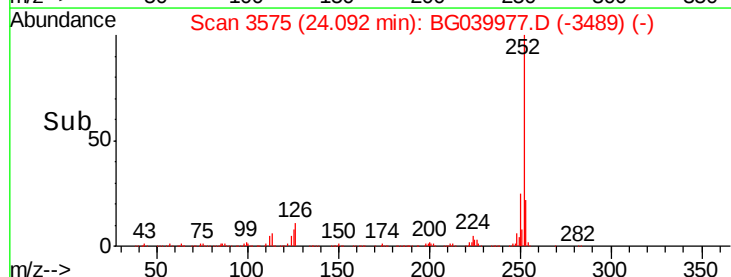
125 7.8 7.8 11.6

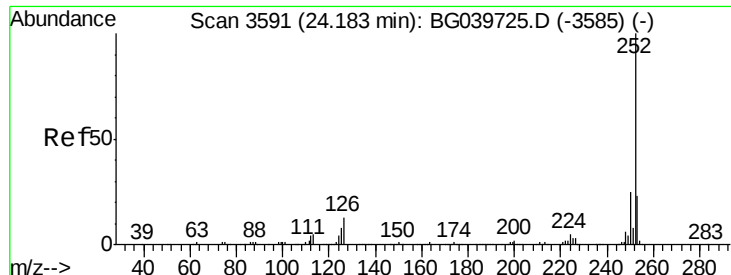


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.280 ng

RT: 24.16 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

Instrument :

BNA_G

ClientSampleId :

PB117983BS

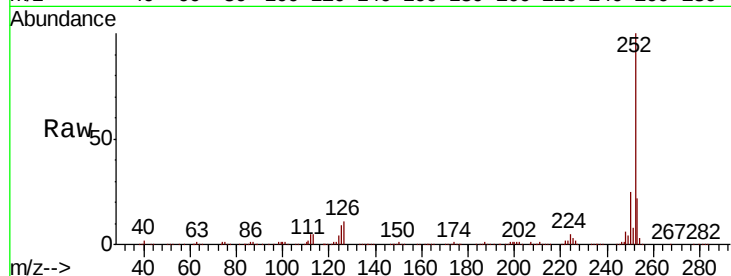
Tgt Ion:252 Resp: 734808

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

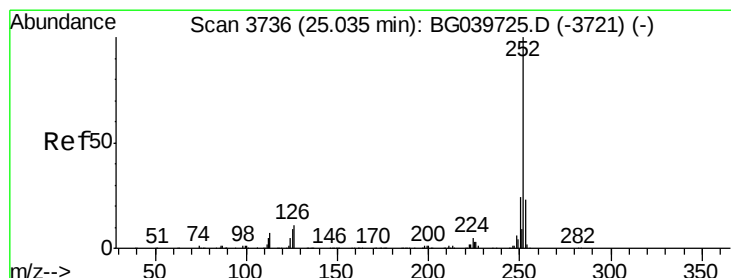
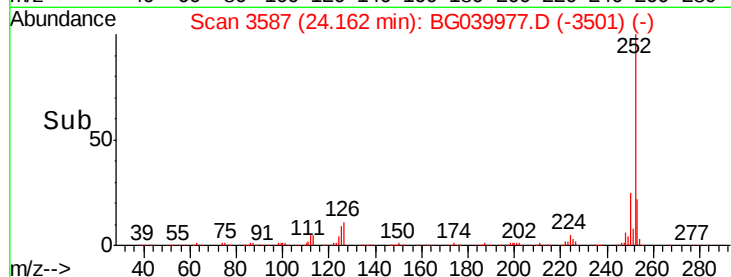
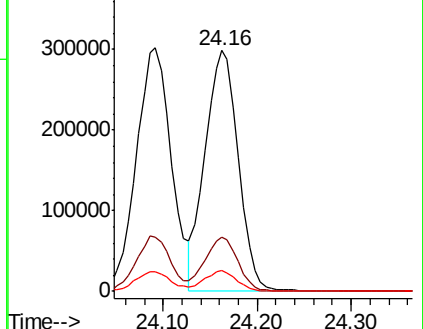
125 8.6 7.4 11.2



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



#90

Benzo(a)pyrene

Concen: 42.648 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.03 min

Lab File: BG039977.D

Acq: 18 Mar 2019 19:56

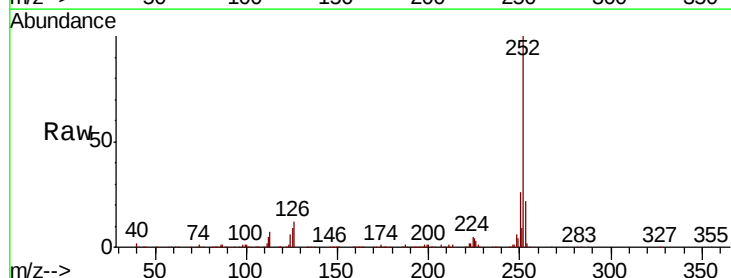
Tgt Ion:252 Resp: 753612

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

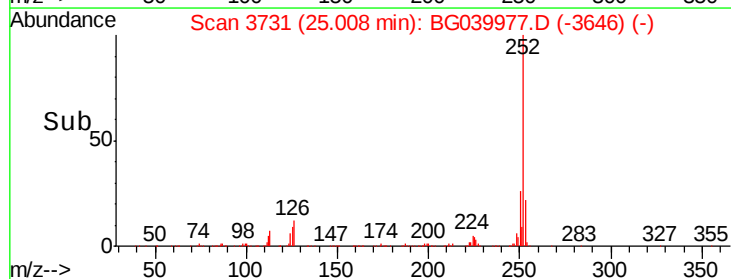
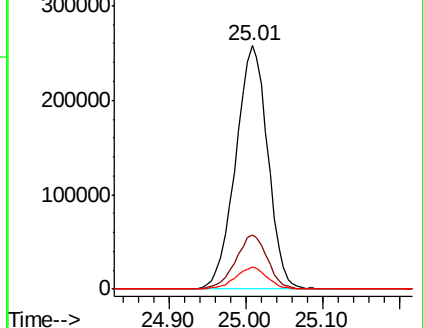
125 9.1 8.3 12.5



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

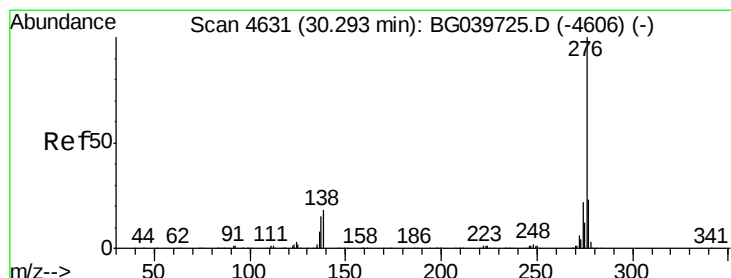
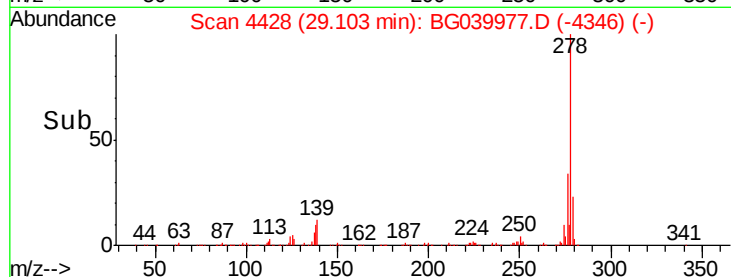
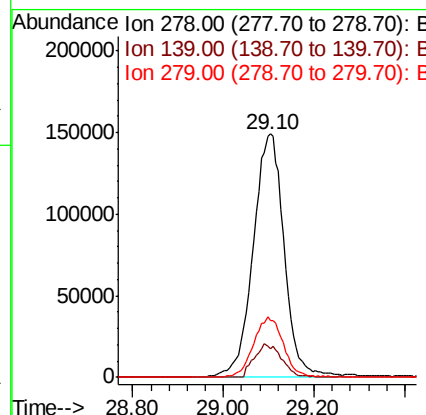
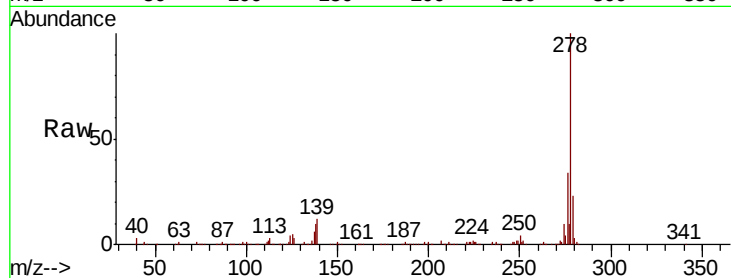




#91
Dibenzo(a,h)anthracene
Concen: 40.771 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB117983BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	11.7	17.5
279	23.3	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 41.467 ng
RT: 30.27 min Scan# 4626
Delta R.T. -0.04 min
Lab File: BG039977.D
Acq: 18 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.6	29.4
138	16.1	14.7	22.1

