

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030719\
 Data File : BG039806.D
 Acq On : 7 Mar 2019 17:29
 Operator : JU/SJ
 Sample : PB117706BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117706BS

Quant Time: Mar 07 23:52:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	42707	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	194357	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	136933	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	342396	20.00	ng	0.00
76) Chrysene-d12	21.82	240	332785	20.00	ng	-0.01
87) Perylene-d12	25.19	264	345943	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	334836	133.76	ng	0.00
7) Phenol-d6	7.30	99	491388	131.65	ng	-0.01
23) Nitrobenzene-d5	9.33	82	281400	78.31	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	200988	125.93	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	724545	75.34	ng	-0.01
79) Terphenyl-d14	20.12	244	1140800	75.48	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.59	88	34007	29.425 ng	98
3) Pyridine	3.99	79	98076	31.698 ng	97
4) n-Nitrosodimethylamine	3.91	42	54196	36.923 ng	87
6) Aniline	7.48	93	84780	17.337 ng	96
8) 2-Chlorophenol	7.72	128	119750	39.430 ng	96
9) Benzaldehyde	7.29	77	53126	22.064 ng	98
10) Phenol	7.33	94	169985	42.038 ng	98
11) bis(2-Chloroethyl)ether	7.57	93	112182	35.583 ng	96
12) 1,3-Dichlorobenzene	8.04	146	121250	35.301 ng	96
13) 1,4-Dichlorobenzene	8.19	146	122459	35.002 ng	97
14) 1,2-Dichlorobenzene	8.51	146	119023	35.211 ng	99
15) Benzyl Alcohol	8.39	79	115676	39.068 ng	94
16) 2,2'-oxybis(1-Chloropropan	8.68	45	222116	35.226 ng	98
17) 2-Methylphenol	8.59	107	106863	41.446 ng	99
18) Hexachloroethane	9.24	117	43037	34.283 ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	95088	35.393 ng	94
20) 3+4-Methylphenols	8.92	107	150836	42.110 ng	98
22) Acetophenone	8.99	105	181056	34.708 ng	# 92
24) Nitrobenzene	9.37	77	142610	37.828 ng	99
25) Isophorone	9.89	82	274239	36.421 ng	96
26) 2-Nitrophenol	10.08	139	71514	39.289 ng	97
27) 2,4-Dimethylphenol	10.13	122	126126	44.553 ng	96
28) bis(2-Chloroethoxy)methane	10.37	93	166126	36.305 ng	95
29) 2,4-Dichlorophenol	10.61	162	134946	42.339 ng	97
30) 1,2,4-Trichlorobenzene	10.83	180	132183	36.855 ng	98
31) Naphthalene	11.02	128	382230	37.144 ng	99
32) Benzoic acid	10.26	122	72078	38.583 ng	95
33) 4-Chloroaniline	11.14	127	44247	10.140 ng	94
34) Hexachlorobutadiene	11.29	225	82530	33.674 ng	90
35) Caprolactam	11.92	113	31867	26.173 ng	93
36) 4-Chloro-3-methylphenol	12.24	107	150547	41.204 ng	94
37) 2-Methylnaphthalene	12.62	142	293904	38.202 ng	97
38) 1-Methylnaphthalene	12.84	142	282138	37.737 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	163240	35.189 ng	98

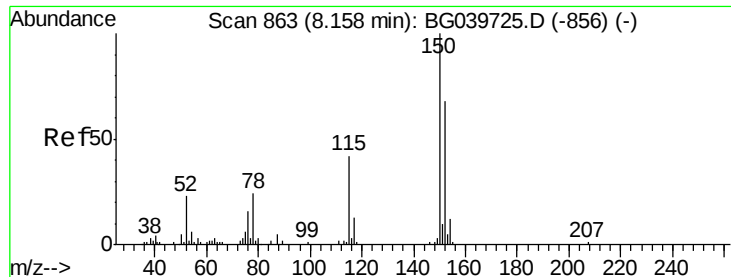
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030719\
 Data File : BG039806.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	204034	82.072	ng	100
43) 2,4,6-Trichlorophenol	13.22	196	115310	42.457	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	128402	41.944	ng	99
46) 1,1'-Biphenyl	13.62	154	403246	35.804	ng	98
47) 2-Chloronaphthalene	13.67	162	317235	37.442	ng	97
48) 2-Nitroaniline	13.87	65	108480	39.840	ng	90
49) Acenaphthylene	14.51	152	515882	37.090	ng	99
50) Dimethylphthalate	14.23	163	431718	37.704	ng	99
51) 2,6-Dinitrotoluene	14.36	165	95930	39.520	ng	95
52) Acenaphthene	14.84	154	311206	37.175	ng	100
53) 3-Nitroaniline	14.69	138	38571	15.807	ng	# 89
54) 2,4-Dinitrophenol	14.90	184	81426	54.953	ng	98
55) Dibenzofuran	15.18	168	514252	37.441	ng	99
56) 4-Nitrophenol	14.99	139	162588	74.487	ng	89
57) 2,4-Dinitrotoluene	15.14	165	138787	40.691	ng	86
58) Fluorene	15.82	166	406396	37.638	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.40	232	123790	41.405	ng	99
60) Diethylphthalate	15.58	149	436932	38.548	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	213977	37.137	ng	96
62) 4-Nitroaniline	15.86	138	98454	37.219	ng	94
63) Azobenzene	16.11	77	387606	37.724	ng	96
65) 4,6-Dinitro-2-methylphenol	15.90	198	76016	37.548	ng	97
66) n-Nitrosodiphenylamine	16.03	169	376025	37.935	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	143271	37.383	ng	96
68) Hexachlorobenzene	16.82	284	146942	36.988	ng	97
69) Atrazine	16.96	200	138158	35.414	ng	93
70) Pentachlorophenol	17.17	266	183272	73.047	ng	97
71) Phenanthrene	17.57	178	690539	36.615	ng	98
72) Anthracene	17.66	178	701108	38.148	ng	99
73) Carbazole	17.93	167	605513	36.546	ng	99
74) Di-n-butylphthalate	18.46	149	746315	38.285	ng	99
75) Fluoranthene	19.57	202	815727	36.598	ng	99
77) Benzidine	19.75	184	193495	18.323	ng	100
78) Pyrene	19.93	202	815740	37.723	ng	99
80) Butylbenzylphthalate	20.79	149	339635	40.539	ng	95
81) Benzo(a)anthracene	21.79	228	790968	37.924	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	122273	16.058	ng	98
83) Chrysene	21.86	228	732693	36.236	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	474945	40.342	ng	99
85) Di-n-octyl phthalate	22.91	149	813883	41.752	ng	95
86) Indeno(1,2,3-cd)pyrene	29.06	276	883648	38.523	ng	# 95
88) Benzo(b)fluoranthene	24.11	252	781122	37.865	ng	99
89) Benzo(k)fluoranthene	24.18	252	735703	38.312	ng	98
90) Benzo(a)pyrene	25.03	252	748871	39.285	ng	99
91) Dibenzo(a,h)anthracene	29.14	278	717293	38.382	ng	98
92) Benzo(g,h,i)perylene	30.29	276	734174	39.116	ng	98

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

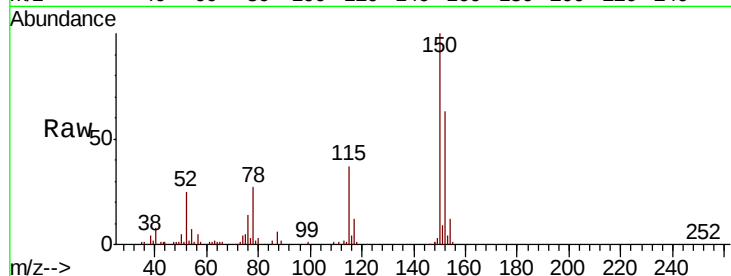


#1

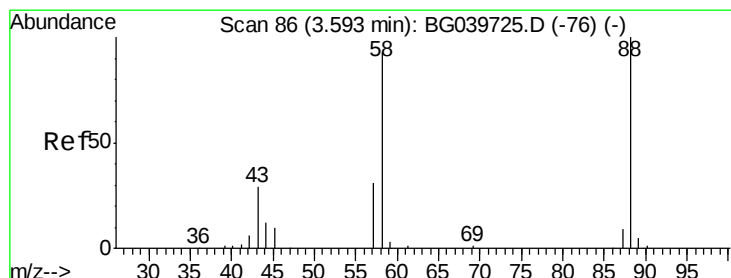
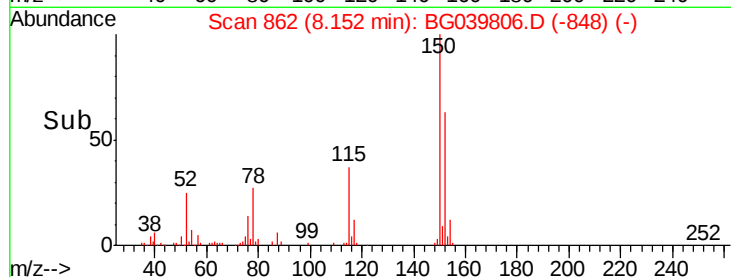
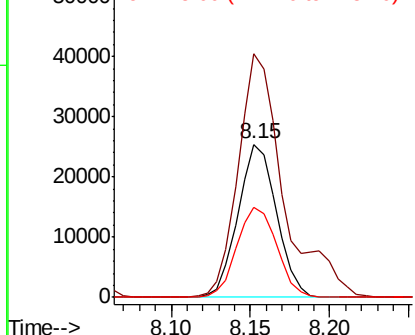
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB117706BS

Tgt Ion:152 Resp: 42707
Ion Ratio Lower Upper
152 100
150 159.2 123.7 185.5
115 58.6 45.9 68.9



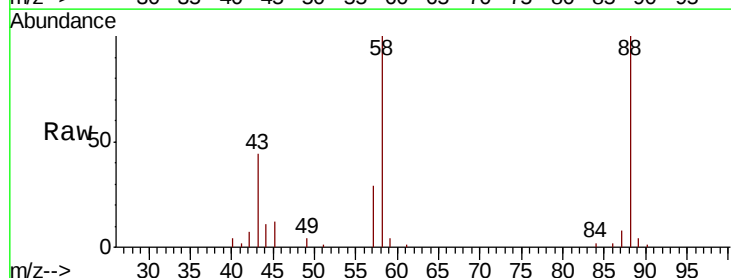
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



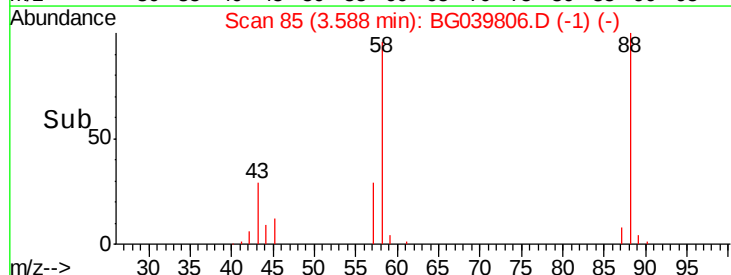
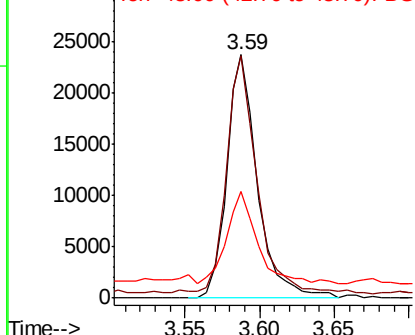
#2

1,4-Dioxane
Concen: 29.425 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Tgt Ion: 88 Resp: 34007
Ion Ratio Lower Upper
88 100
58 98.7 81.1 121.7
43 38.5 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.698 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

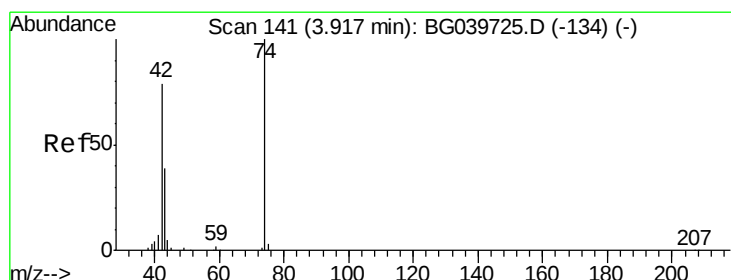
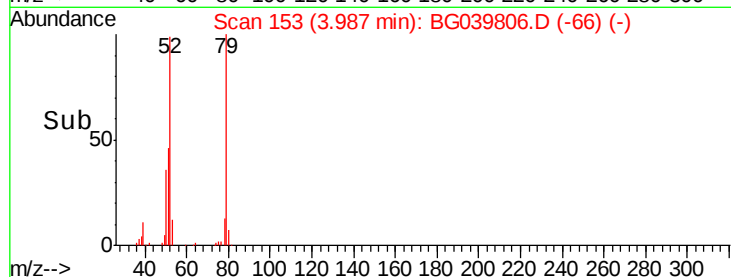
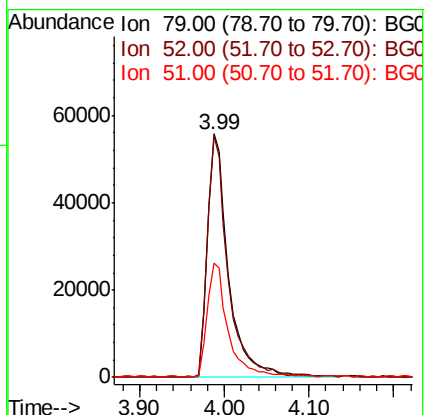
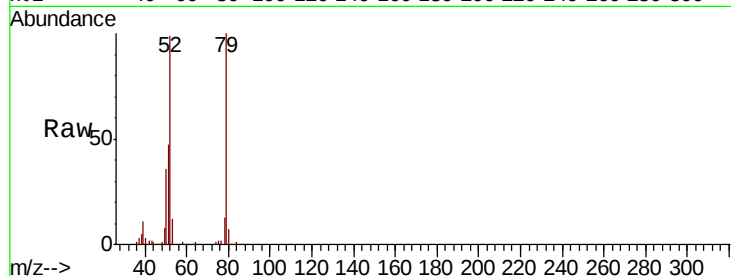
Tgt Ion: 79 Resp: 98076

Ion Ratio Lower Upper

79 100

52 98.8 82.6 124.0

51 47.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 36.923 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

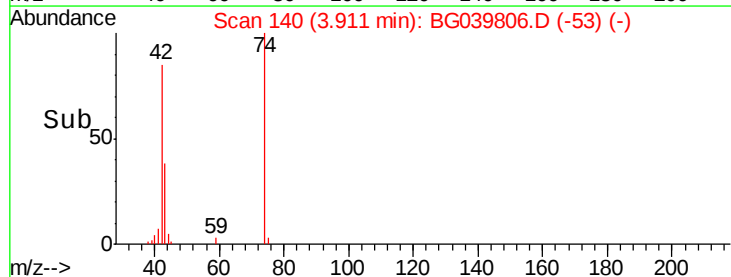
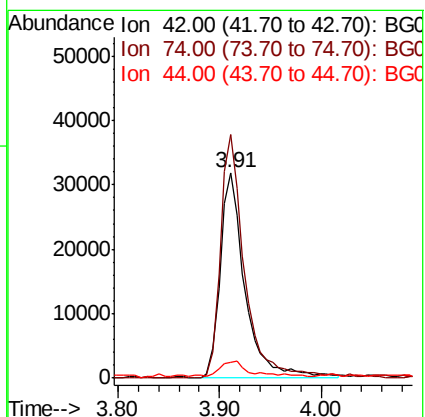
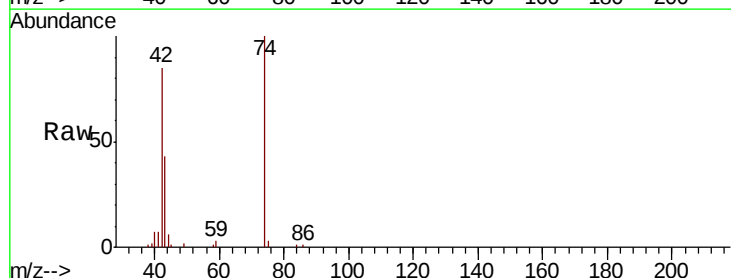
Tgt Ion: 42 Resp: 54196

Ion Ratio Lower Upper

42 100

74 118.3 83.6 125.4

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 133.756 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

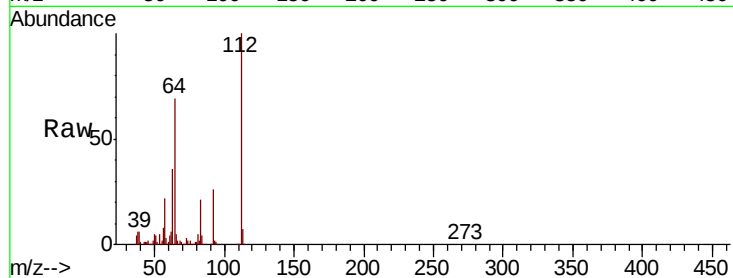
Tgt Ion: 112 Resp: 334836

Ion Ratio Lower Upper

112 100

64 69.4 57.8 86.8

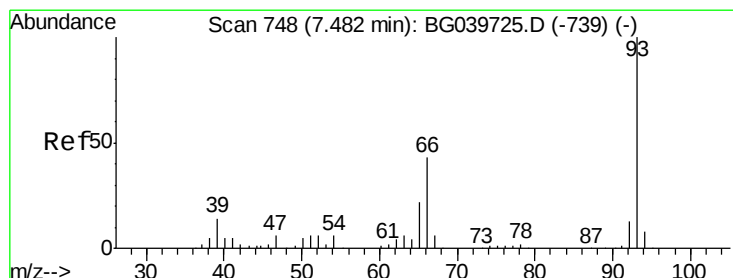
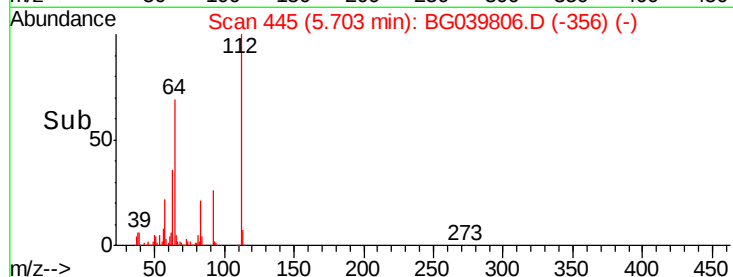
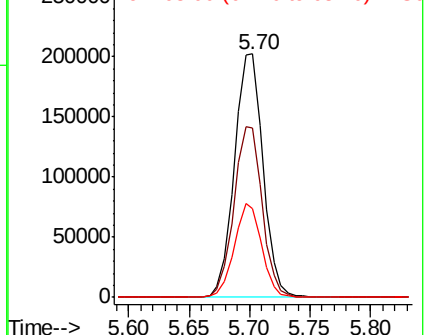
63 36.3 29.8 44.6



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: 17.337 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

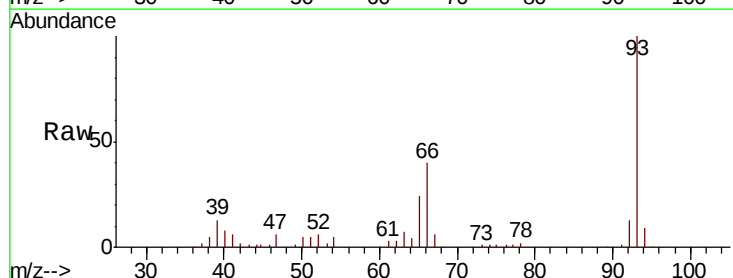
Tgt Ion: 93 Resp: 84780

Ion Ratio Lower Upper

93 100

66 40.4 34.2 51.4

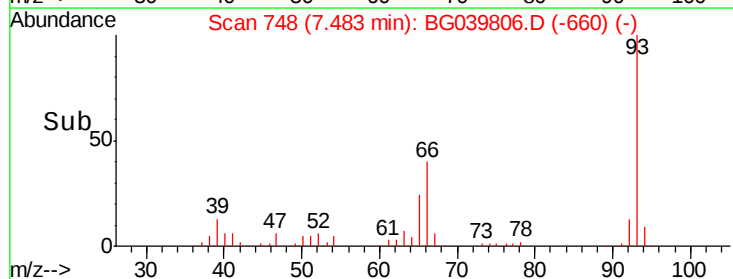
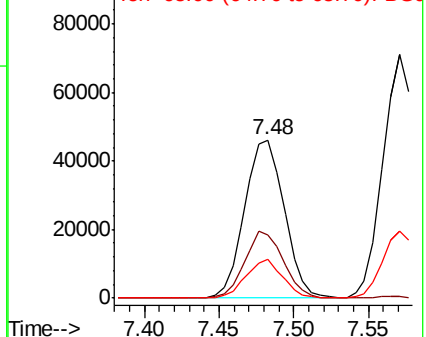
65 24.2 17.7 26.5



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: 131.647 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

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PB117706BS

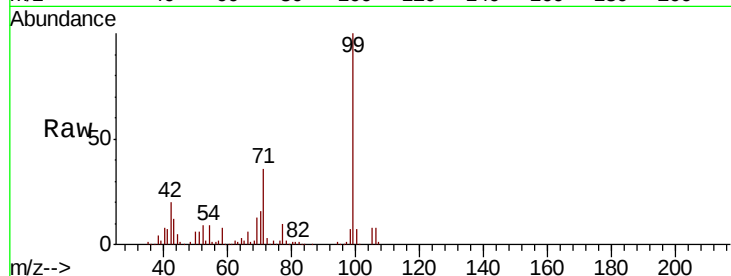
Tgt Ion: 99 Resp: 491388

Ion Ratio Lower Upper

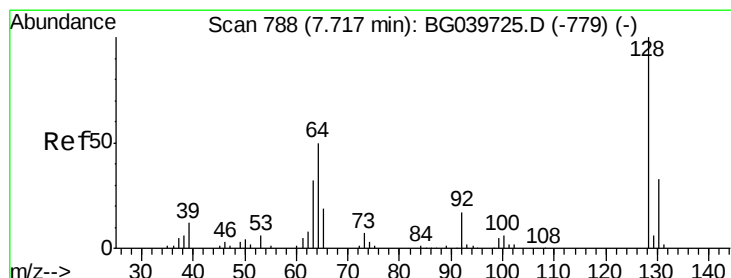
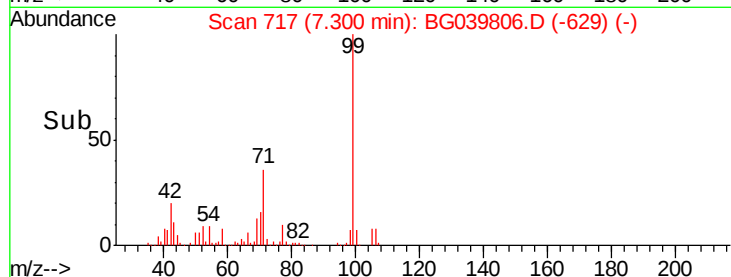
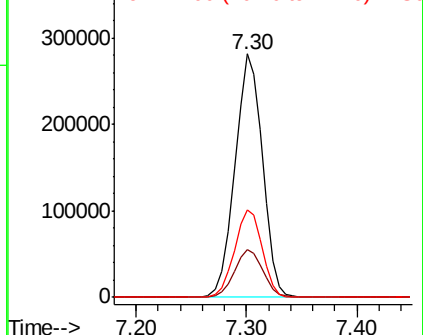
99 100

42 19.7 18.2 27.2

71 36.1 28.0 42.0



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



#8

2-Chlorophenol

Concen: 39.430 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

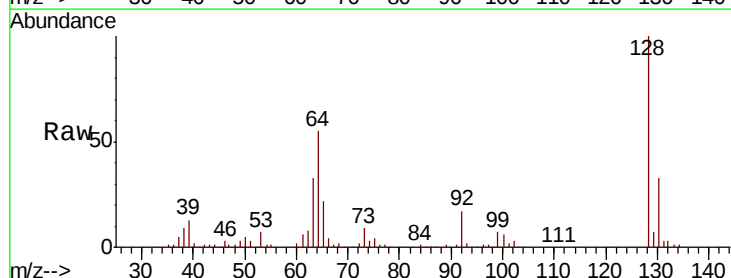
Tgt Ion: 128 Resp: 119750

Ion Ratio Lower Upper

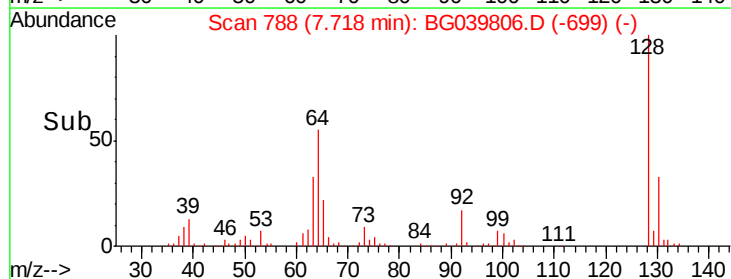
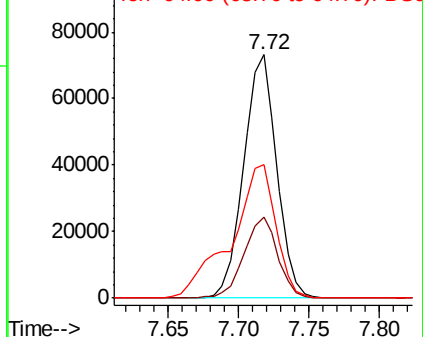
128 100

130 33.2 12.9 52.9

64 54.8 38.7 78.7



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





#9

Benzaldehyde

Concen: 22.064 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

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Acq: 7 Mar 2019 17:29

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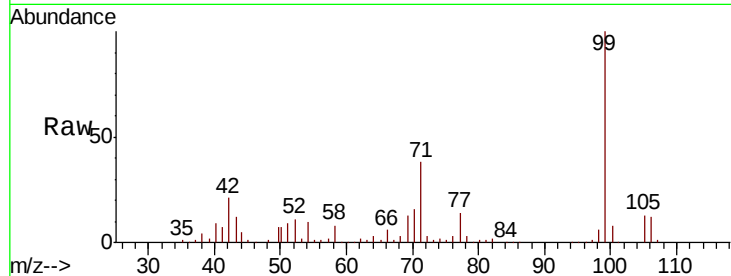
Tgt Ion: 77 Resp: 53126

Ion Ratio Lower Upper

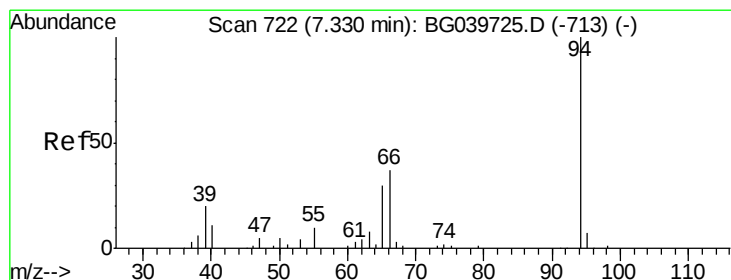
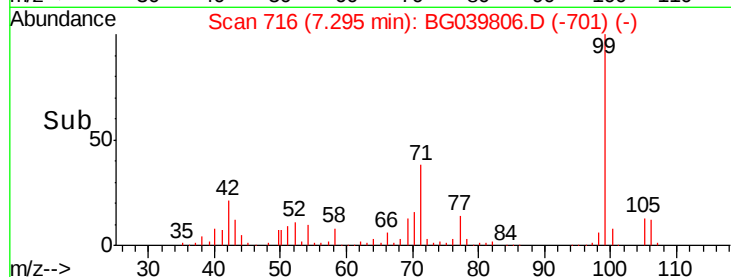
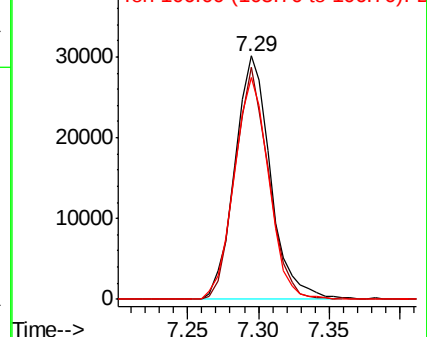
77 100

105 95.1 74.5 114.5

106 91.4 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: 42.038 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

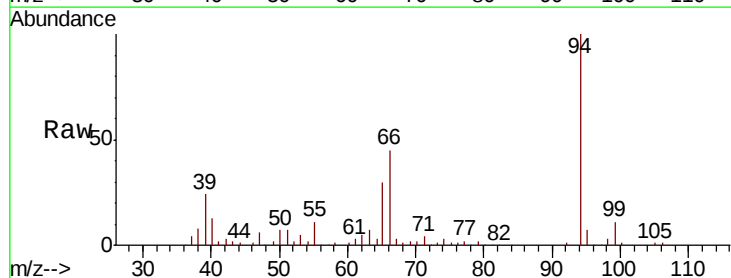
Tgt Ion: 94 Resp: 169985

Ion Ratio Lower Upper

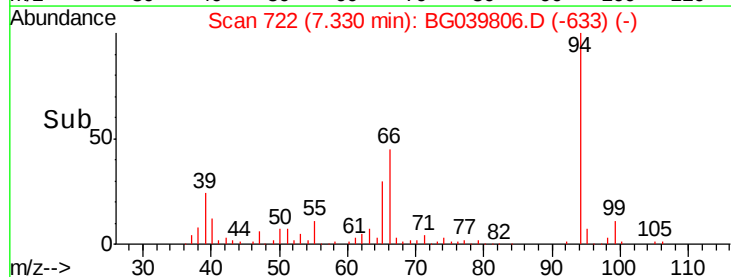
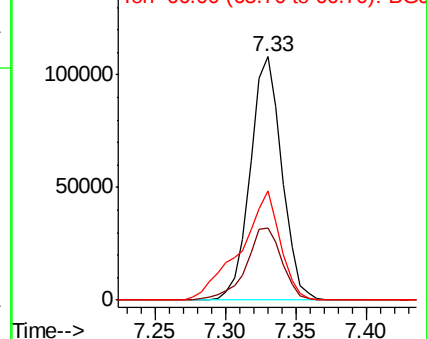
94 100

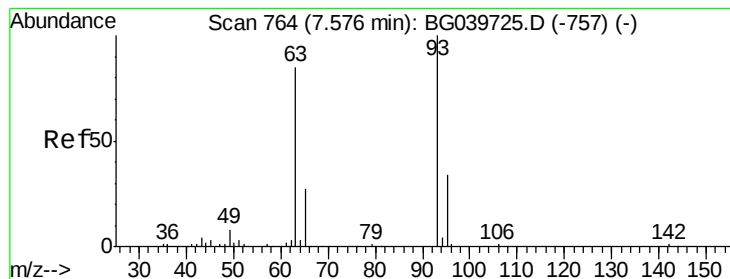
65 29.9 11.7 51.7

66 44.6 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: 35.583 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

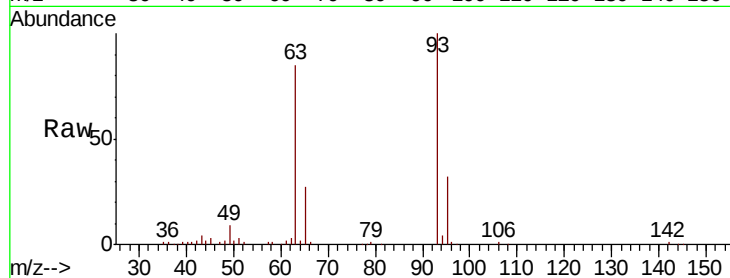
Tgt Ion: 93 Resp: 112182

Ion Ratio Lower Upper

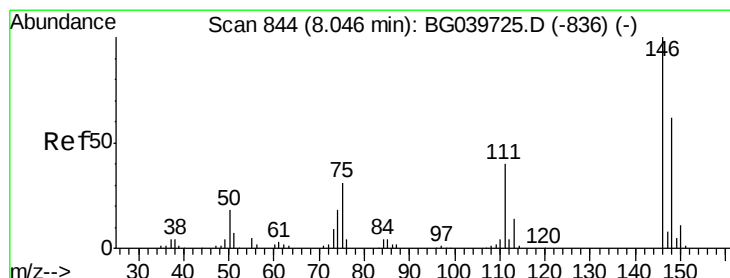
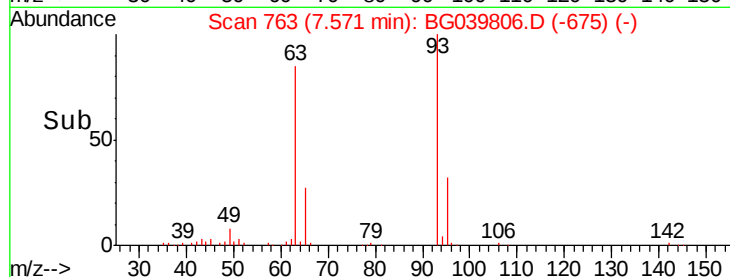
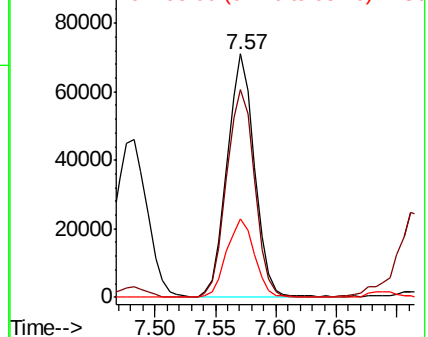
93 100

63 85.1 69.5 109.5

95 32.5 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 35.301 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

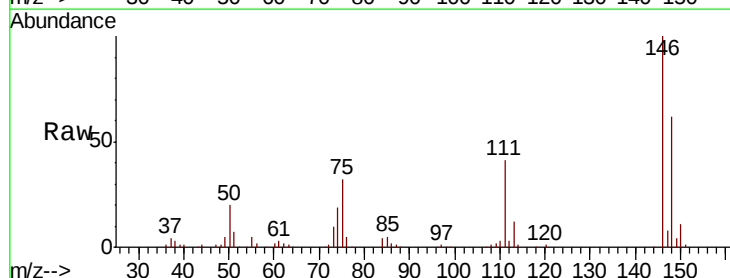
Tgt Ion: 146 Resp: 121250

Ion Ratio Lower Upper

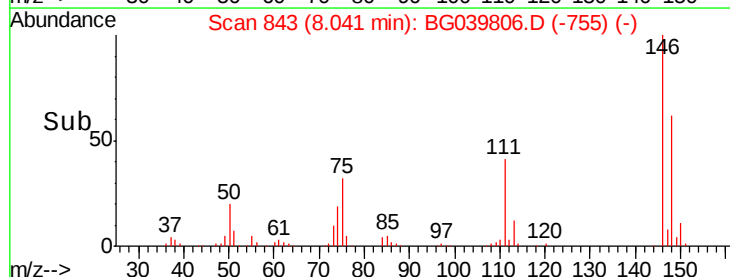
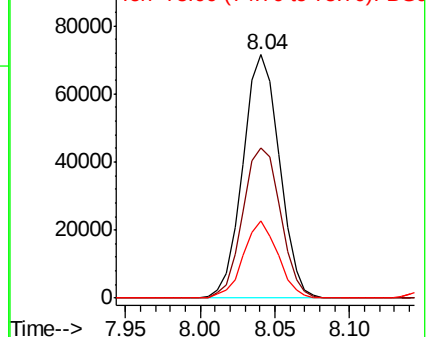
146 100

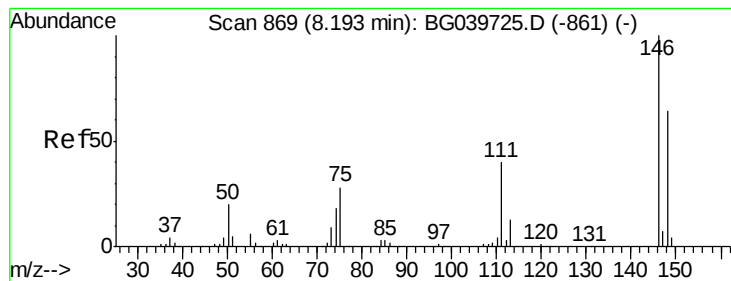
148 61.9 52.6 79.0

75 31.6 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 35.002 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

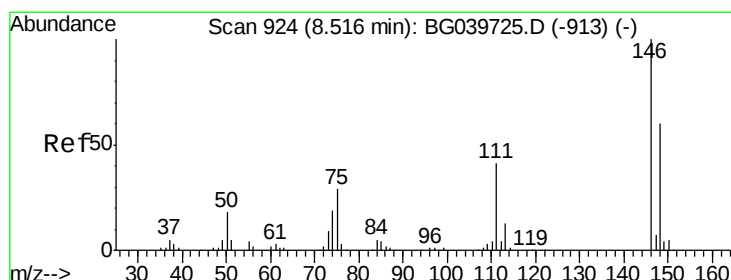
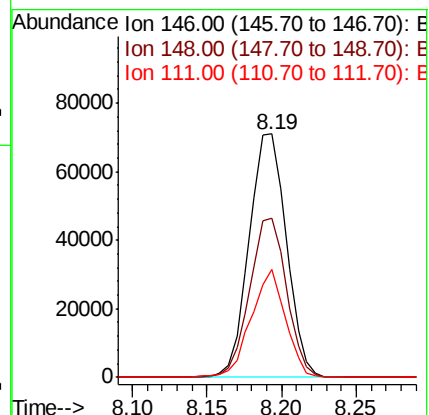
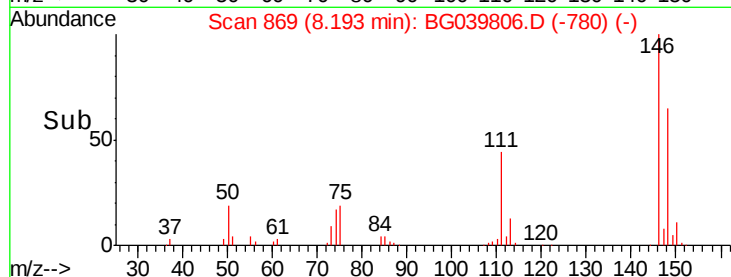
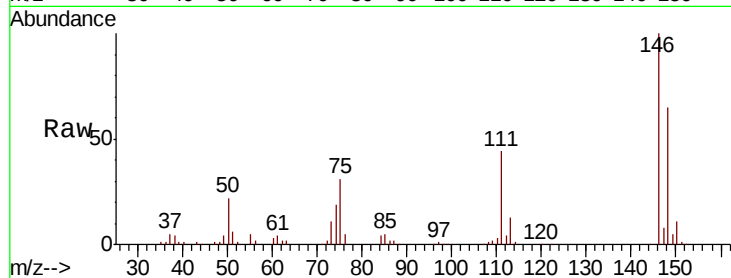
Tgt Ion:146 Resp: 122459

Ion Ratio Lower Upper

146 100

148 65.5 51.1 76.7

111 44.2 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 35.211 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

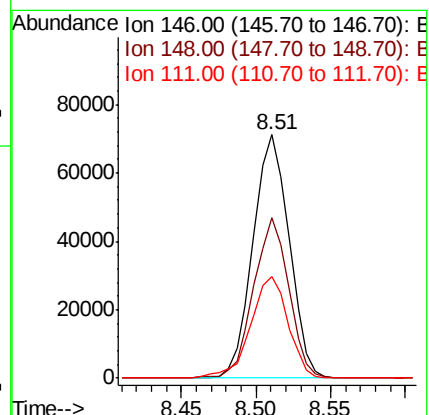
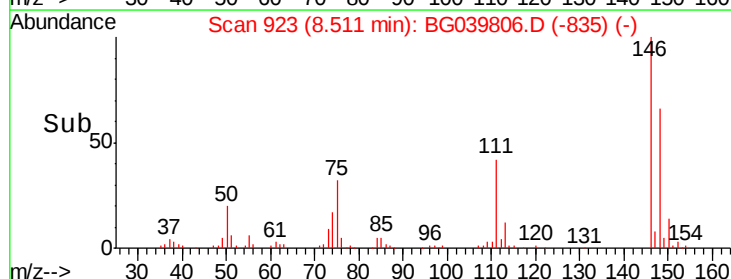
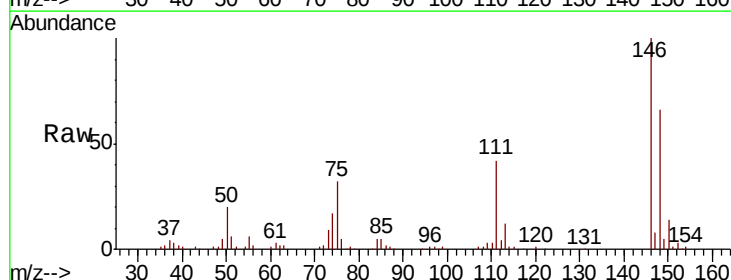
Tgt Ion:146 Resp: 119023

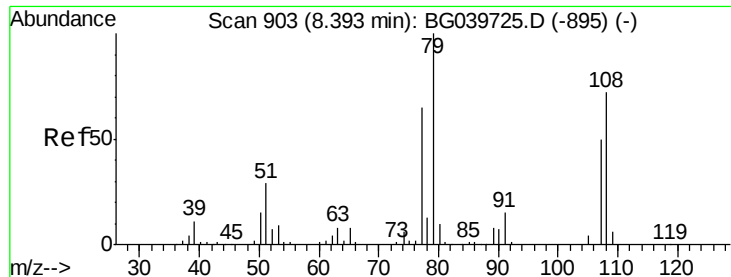
Ion Ratio Lower Upper

146 100

148 65.7 51.5 77.3

111 41.7 33.8 50.6





#15

Benzyl Alcohol

Concen: 39.068 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

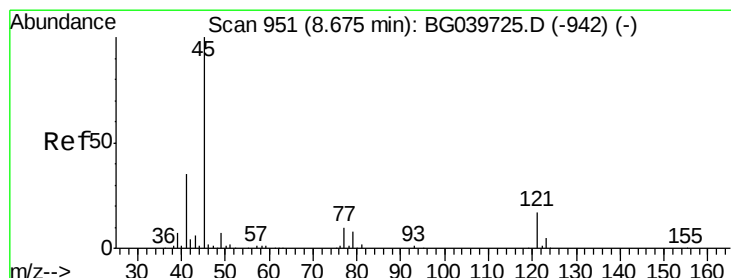
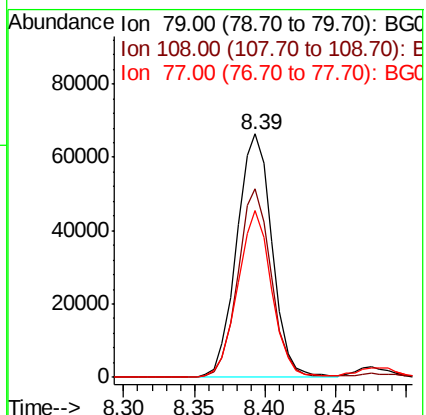
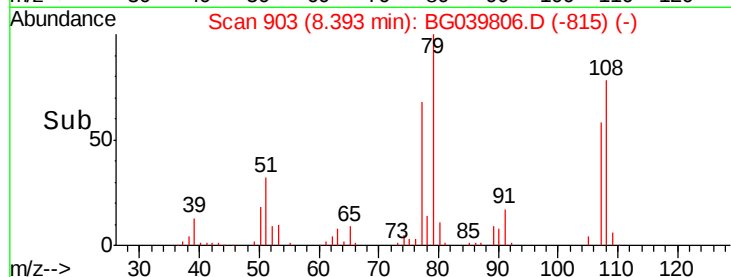
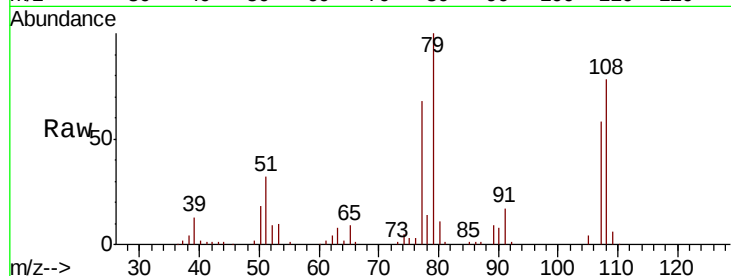
Tgt Ion: 79 Resp: 115676

Ion Ratio Lower Upper

79 100

108 77.7 57.8 86.6

77 68.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.226 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

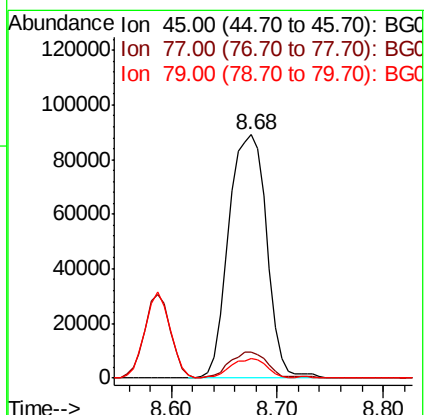
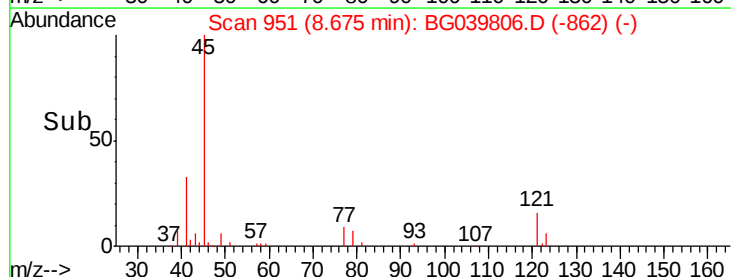
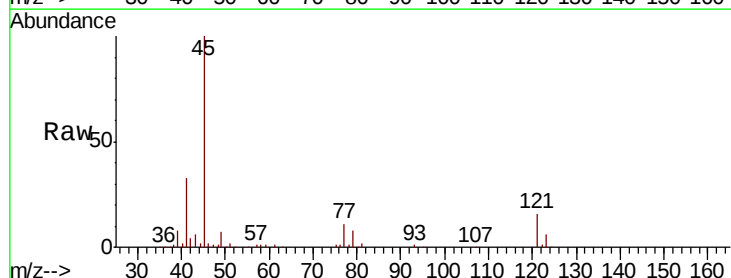
Tgt Ion: 45 Resp: 222116

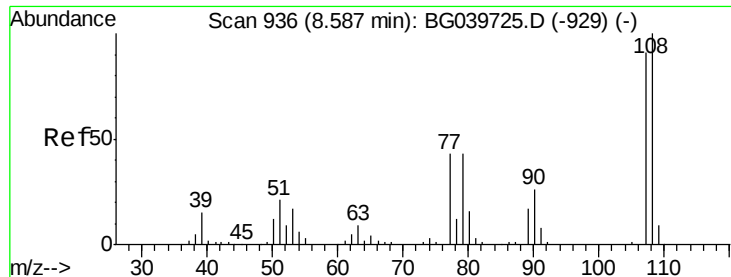
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.0

79 8.0 0.0 27.5

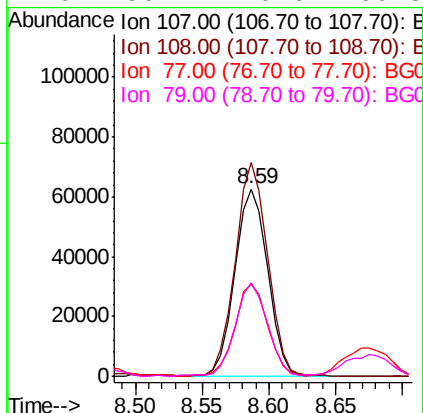
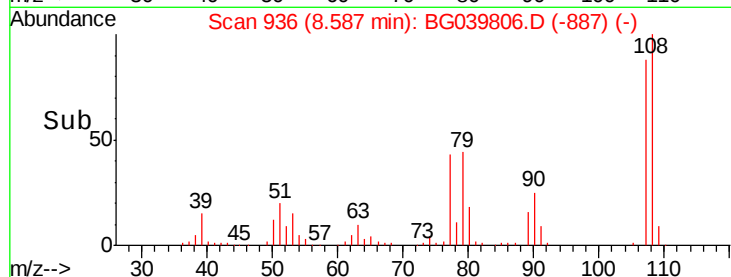
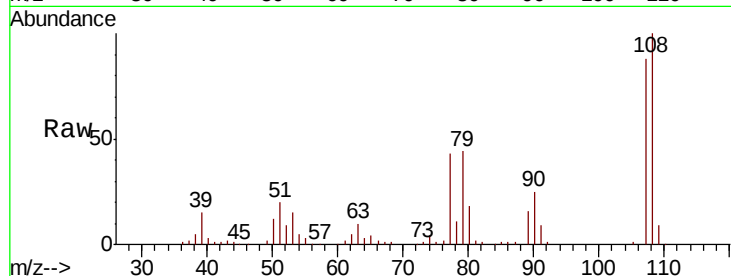




#17
2-Methylphenol
Concen: 41.446 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

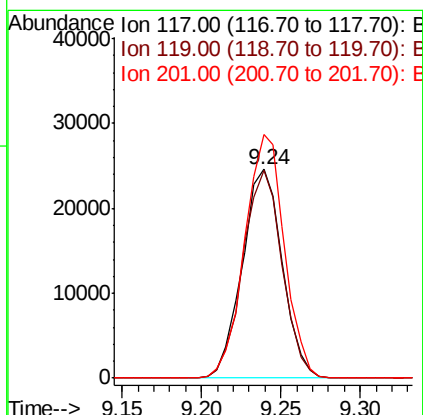
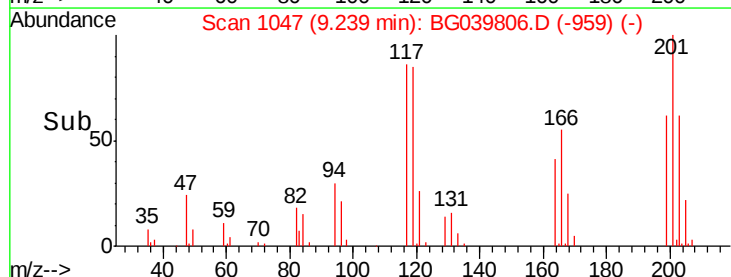
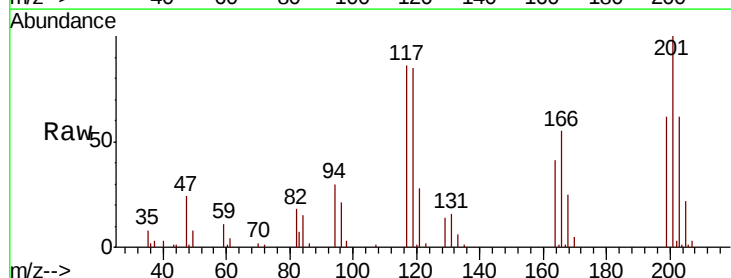
Instrument :
BNA_F
ClientSampleId :
PB117706BS

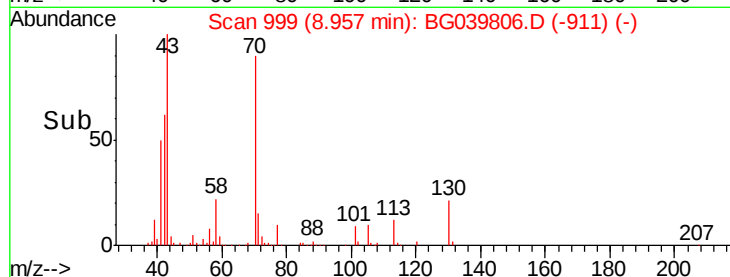
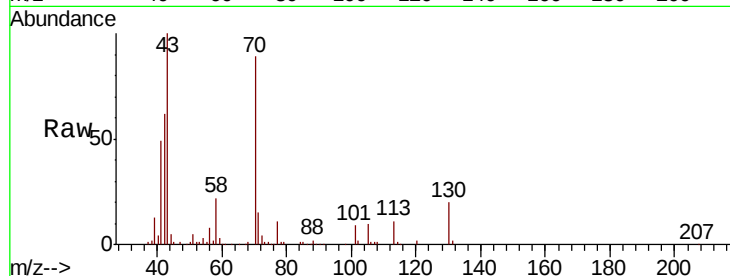
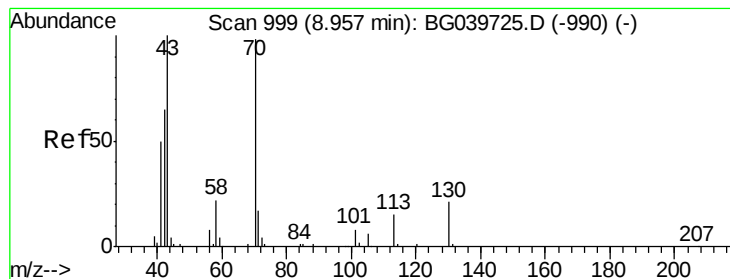
Tgt Ion:107 Resp: 106863
Ion Ratio Lower Upper
107 100
108 113.9 90.8 136.2
77 49.1 40.7 61.1
79 50.1 40.6 60.8



#18
Hexachloroethane
Concen: 34.283 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Tgt Ion:117 Resp: 43037
Ion Ratio Lower Upper
117 100
119 99.4 76.3 114.5
201 116.5 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 35.393 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

Tgt Ion: 70 Resp: 95088

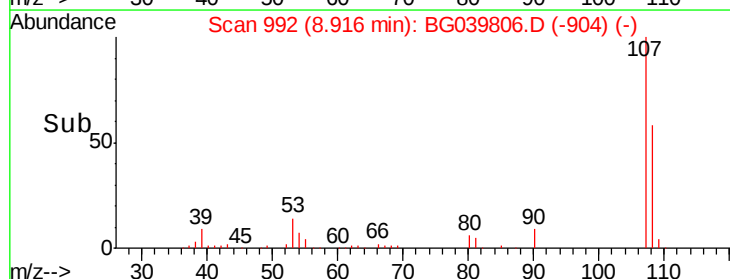
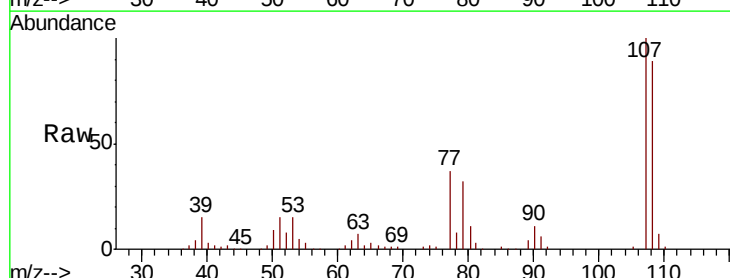
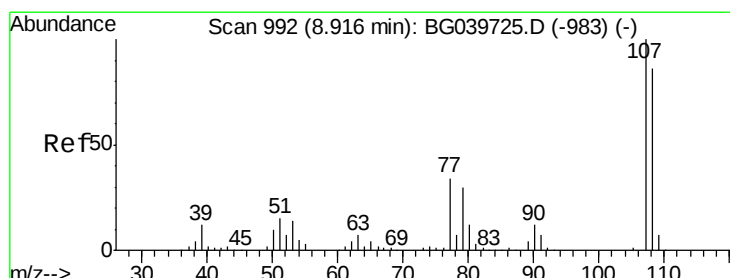
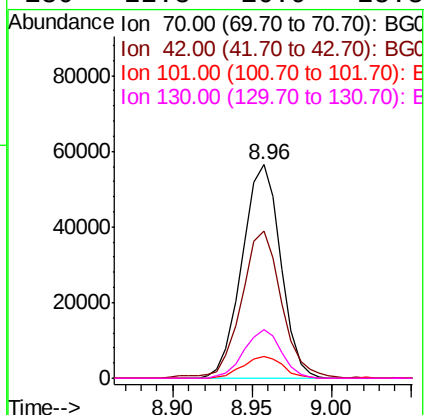
Ion Ratio Lower Upper

70 100

42 68.8 60.4 90.6

101 10.1 7.5 11.3

130 22.8 16.9 25.3



#20

3+4-Methylphenols

Concen: 42.110 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Tgt Ion: 107 Resp: 150836

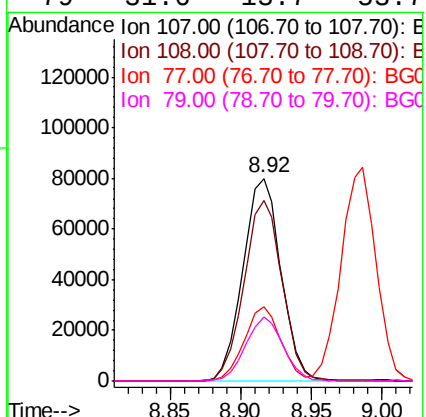
Ion Ratio Lower Upper

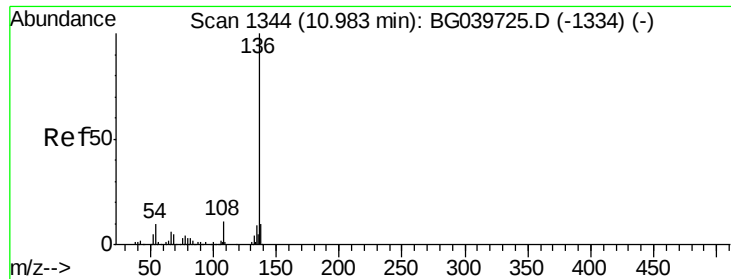
107 100

108 89.3 67.9 107.9

77 36.9 15.4 55.4

79 31.6 13.7 53.7

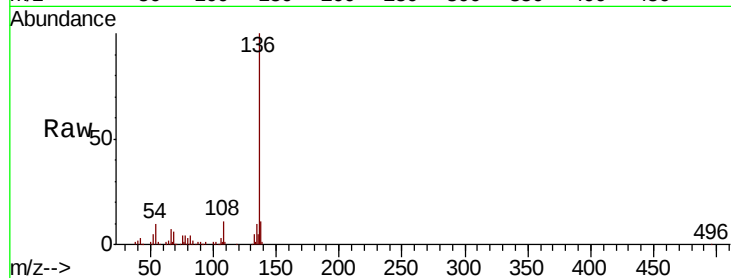




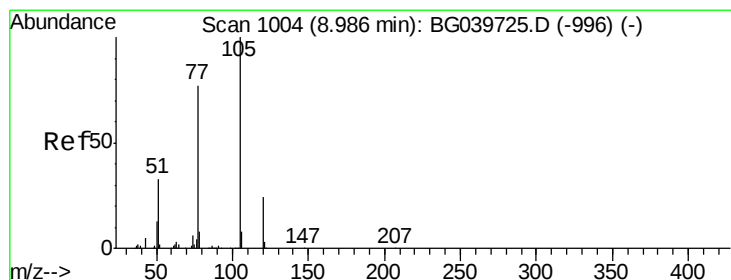
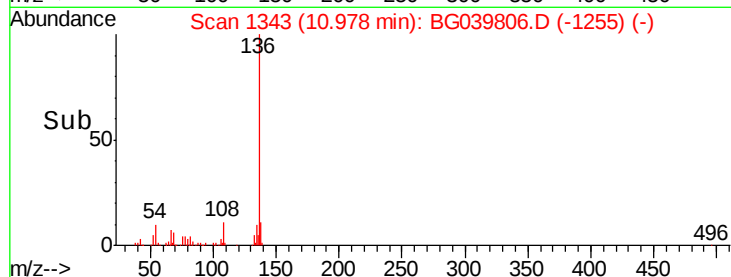
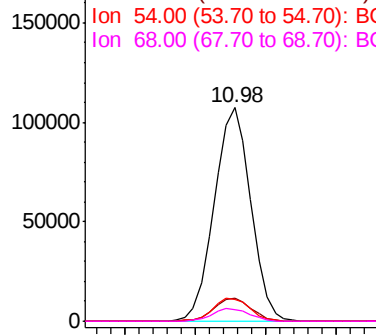
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB117706BS

Tgt Ion:	136	Resp:	194357
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.4	9.4	14.2
68	5.6	4.2	6.4

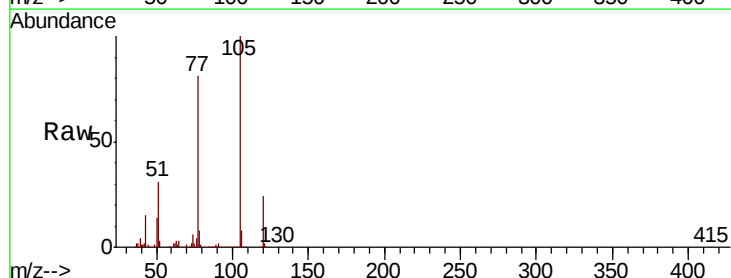


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

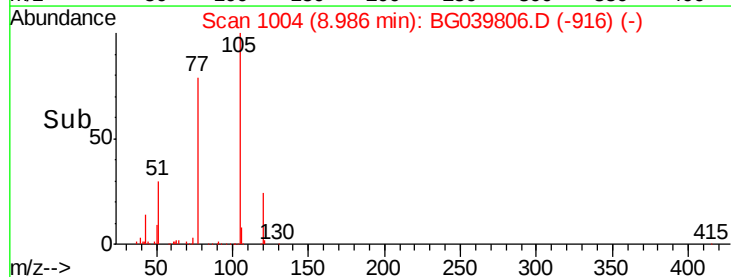
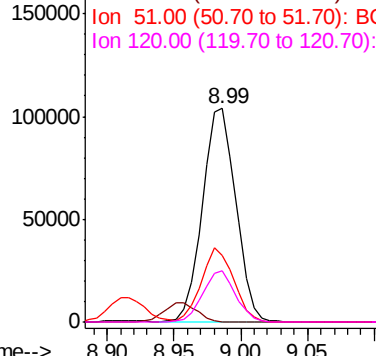


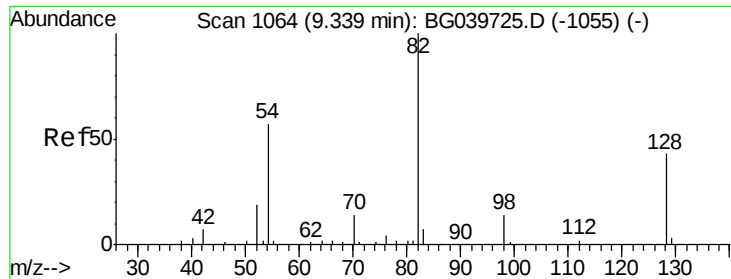
#22
Acetophenone
Concen: 34.708 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Tgt Ion:	105	Resp:	181056
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.8	1.2#
51	31.5	30.2	45.2
120	24.1	18.0	27.0



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

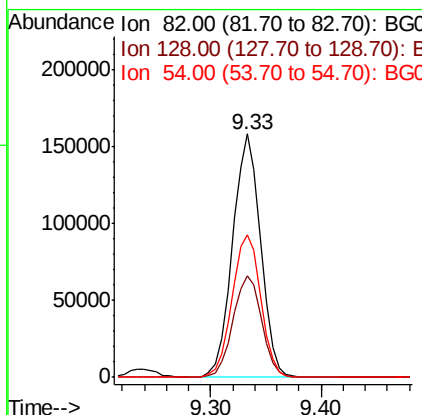
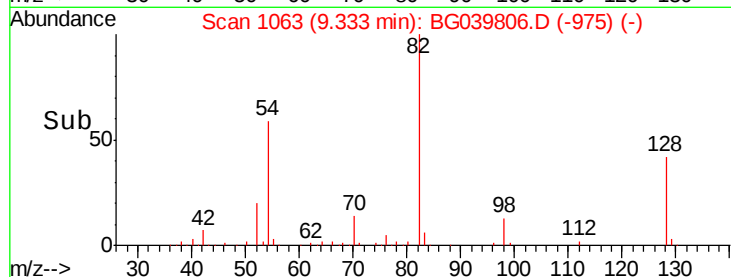
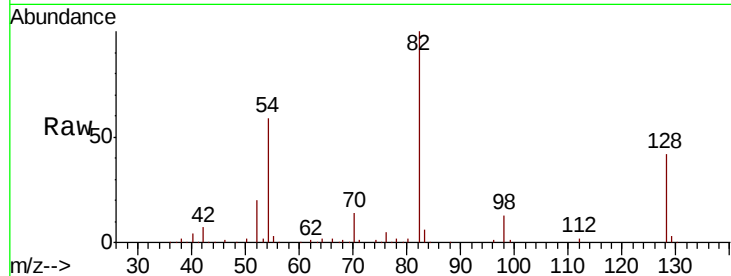




#23
 Nitrobenzene-d5
 Concen: 78.306 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

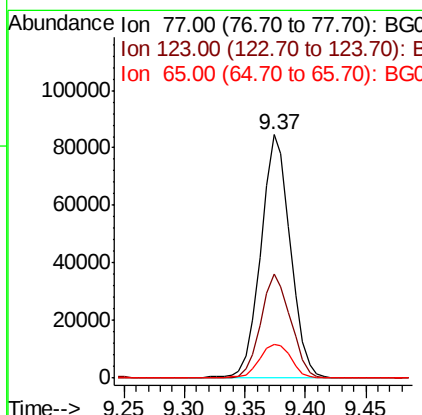
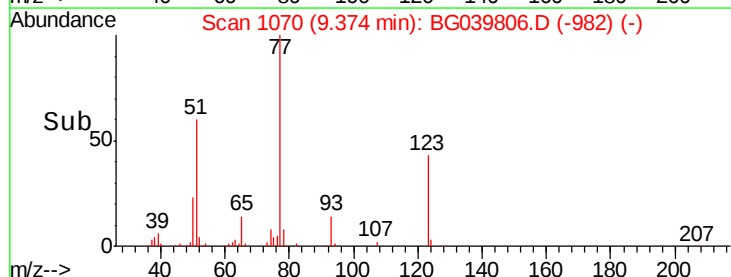
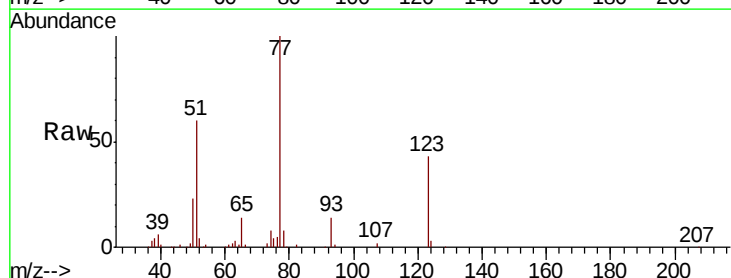
Instrument :
 BNA_F
 ClientSampleId :
 PB117706BS

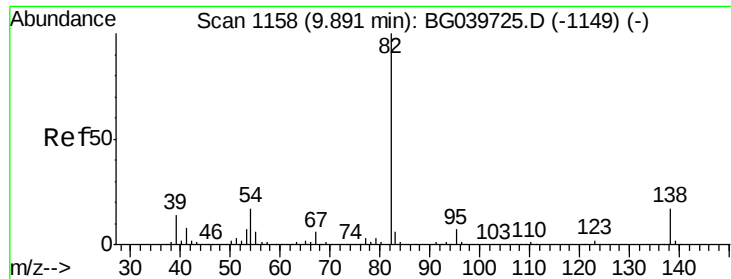
Tgt Ion: 82 Resp: 281400
 Ion Ratio Lower Upper
 82 100
 128 41.7 31.3 46.9
 54 58.6 50.9 76.3



#24
 Nitrobenzene
 Concen: 37.828 ng
 RT: 9.37 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

Tgt Ion: 77 Resp: 142610
 Ion Ratio Lower Upper
 77 100
 123 43.0 34.1 51.1
 65 14.1 12.3 18.5

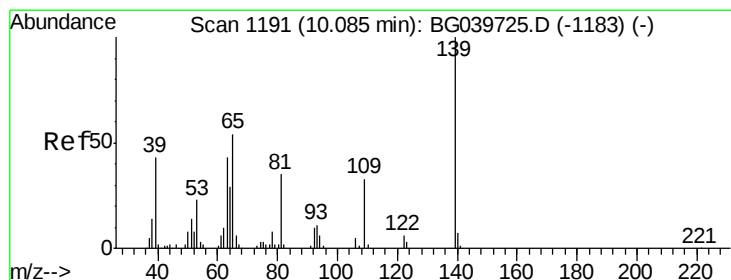
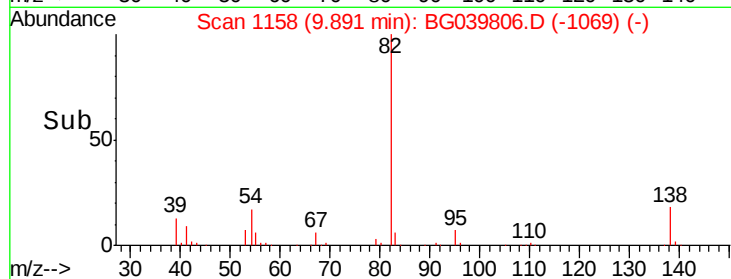
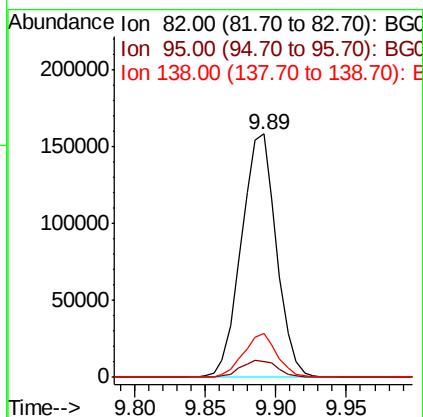
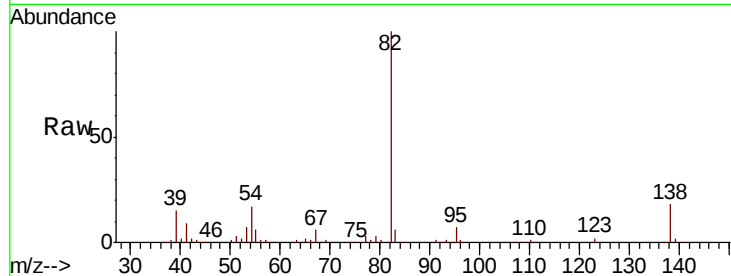




#25
Isophorone
Concen: 36.421 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

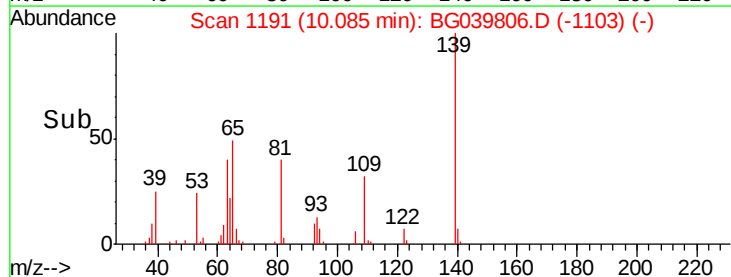
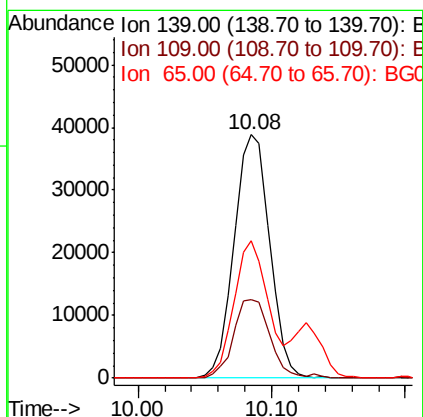
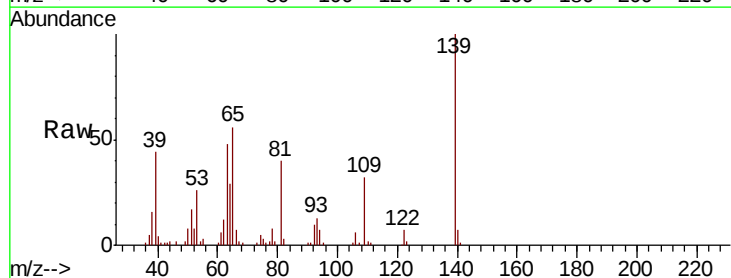
Instrument :
BNA_F
ClientSampleId :
PB117706BS

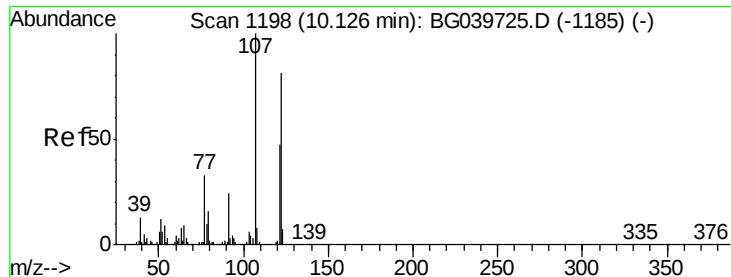
Tgt Ion: 82 Resp: 274239
Ion Ratio Lower Upper
82 100
95 6.7 6.2 9.2
138 17.9 13.0 19.4



#26
2-Nitrophenol
Concen: 39.289 ng
RT: 10.08 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Tgt Ion: 139 Resp: 71514
Ion Ratio Lower Upper
139 100
109 32.3 23.4 35.0
65 56.4 44.3 66.5

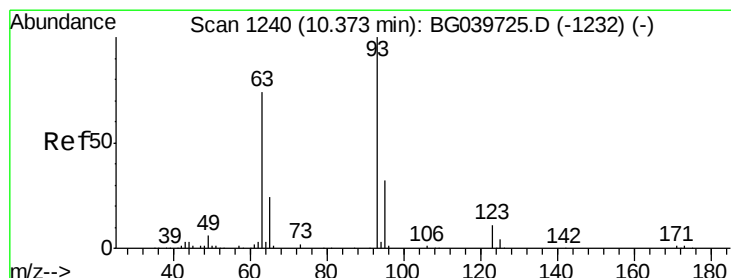
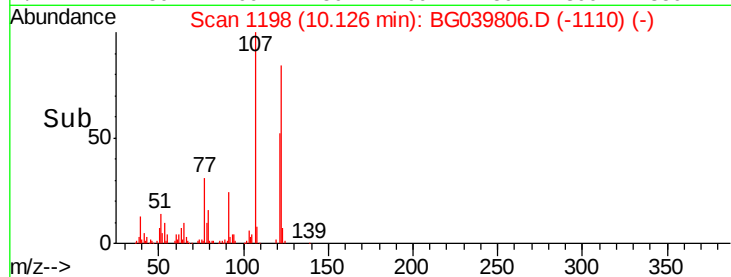
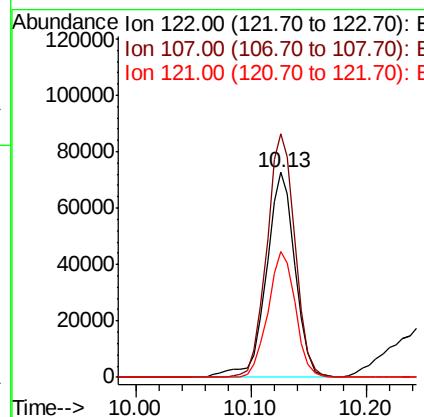
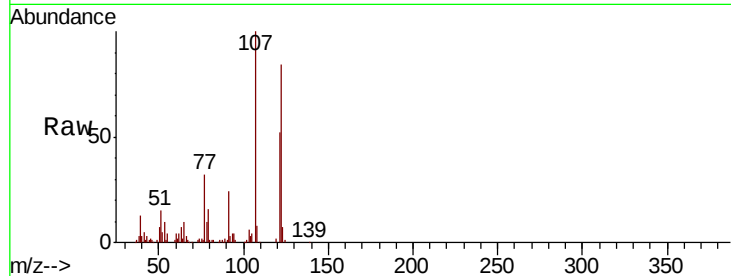




#27
 2,4-Dimethylphenol
 Concen: 44.553 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

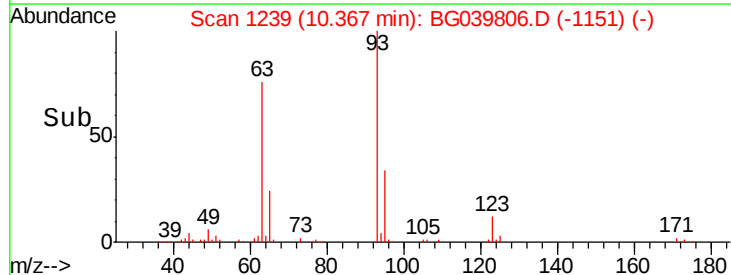
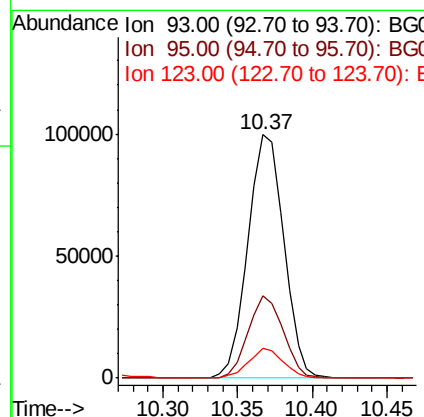
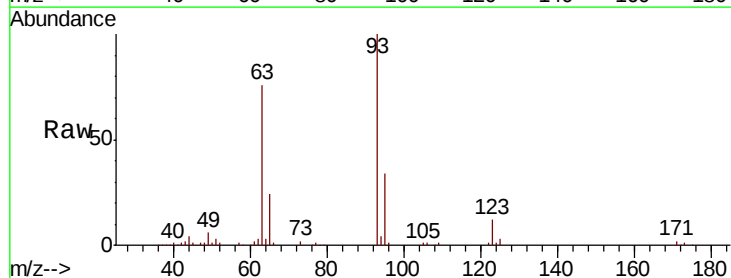
Instrument :
 BNA_F
 ClientSampleId :
 PB117706BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.8	91.7	137.5
121	61.2	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.305 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	25.0	37.4
123	12.3	8.6	12.8

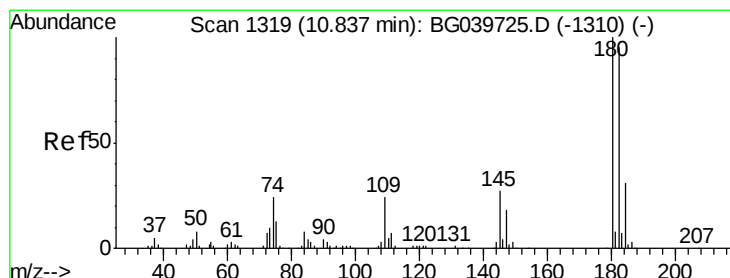
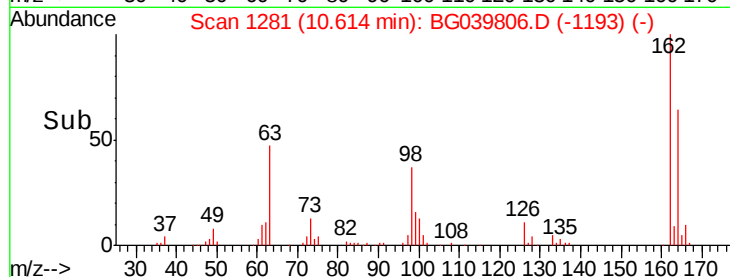
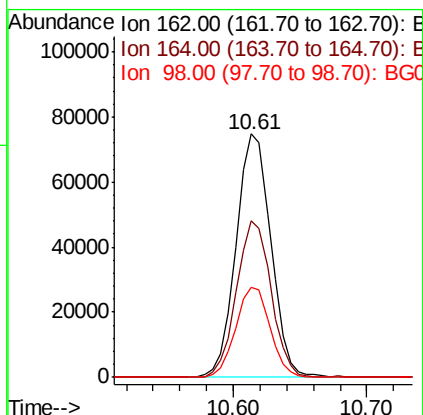
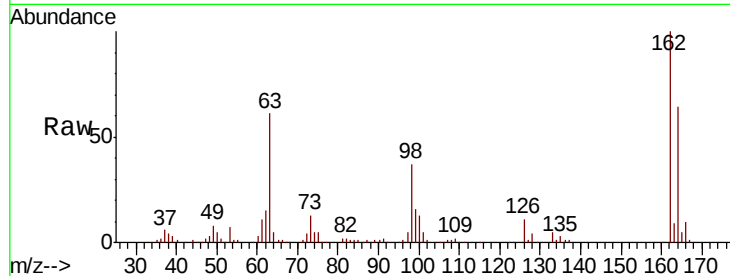




#29
 2,4-Dichlorophenol
 Concen: 42.339 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

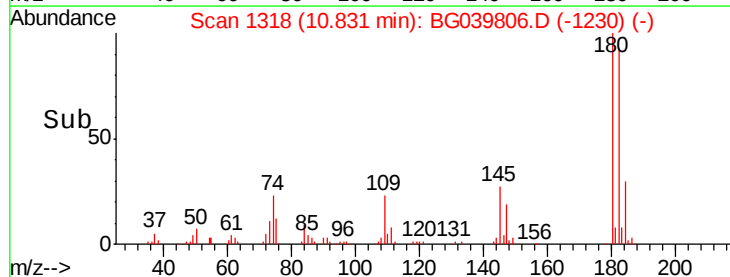
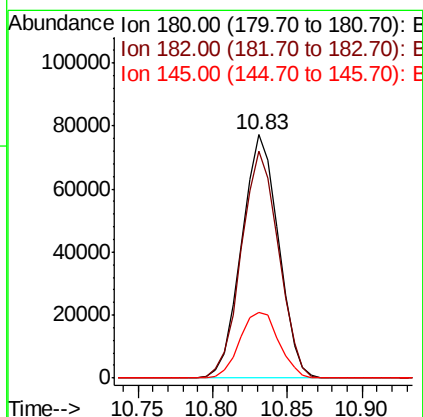
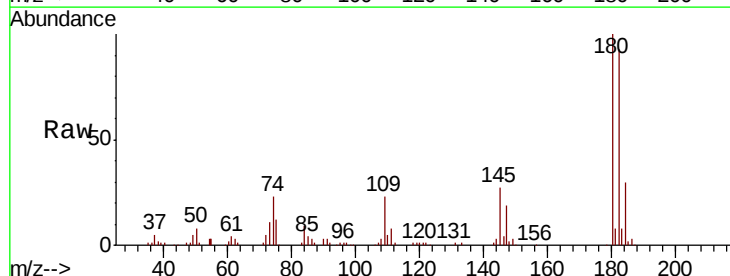
Instrument :
 BNA_F
 ClientSampleId :
 PB117706BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	48.1	88.1
98	37.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.855 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.0	114.0
145	26.9	22.7	34.1

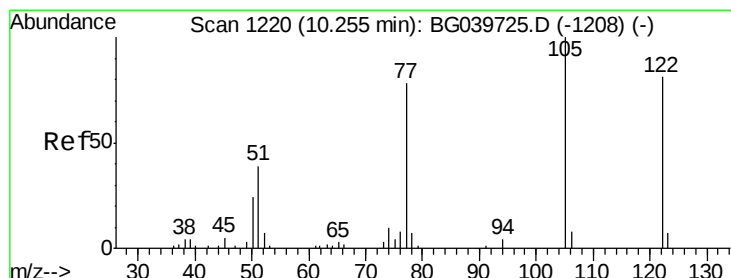
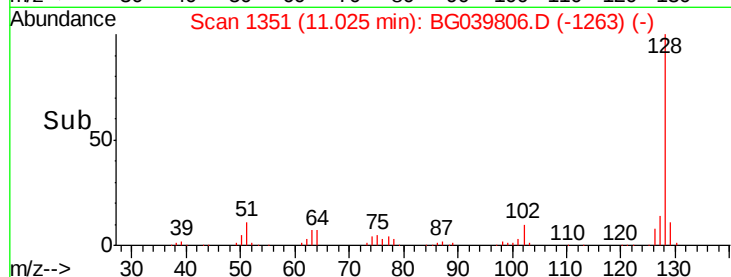
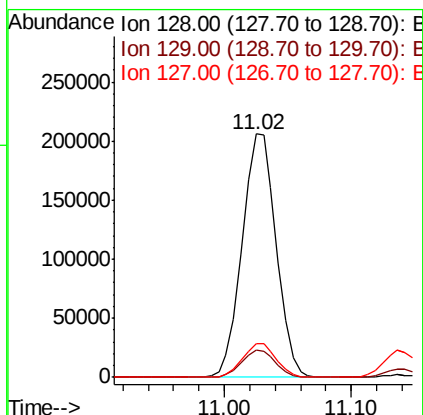
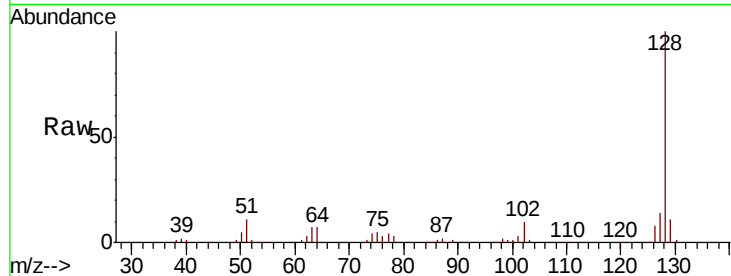




#31
Naphthalene
Concen: 37.144 ng
RT: 11.02 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

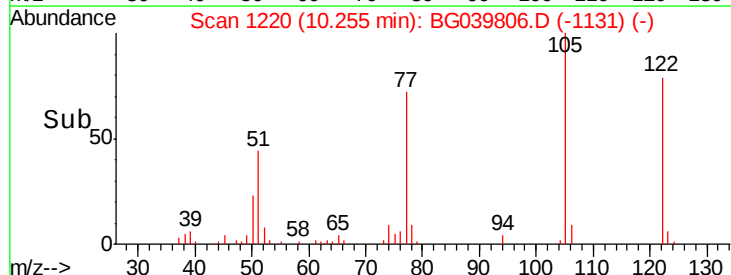
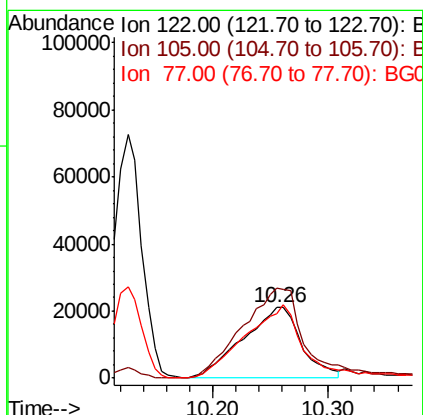
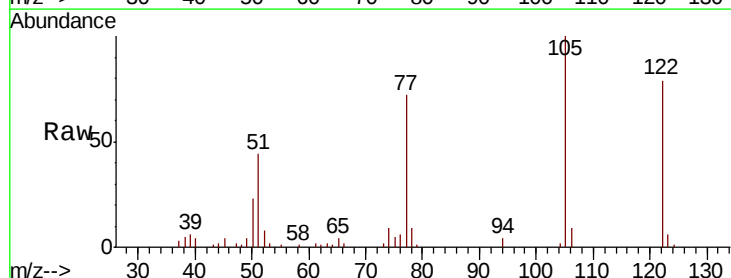
Instrument :
BNA_F
ClientSampleId :
PB117706BS

Tgt Ion:128 Resp: 382230
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 38.583 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Tgt Ion:122 Resp: 72078
Ion Ratio Lower Upper
122 100
105 127.4 101.8 141.8
77 91.4 76.3 116.3

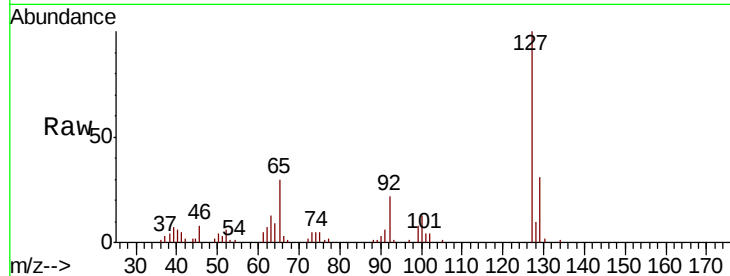




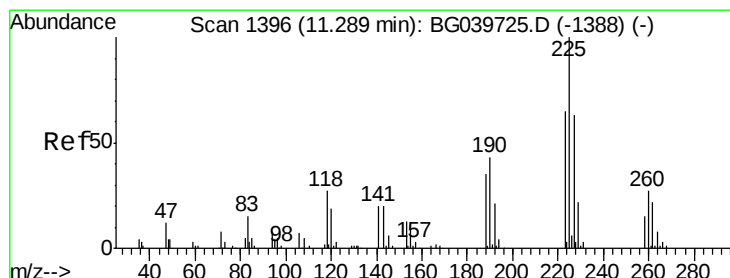
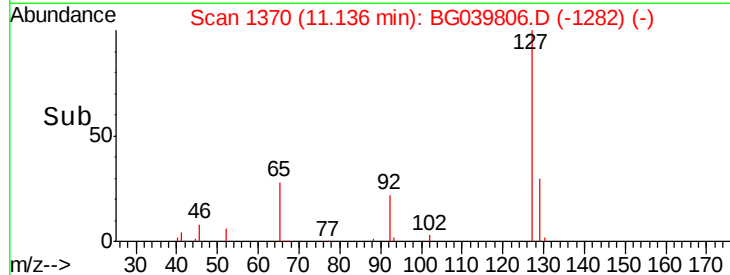
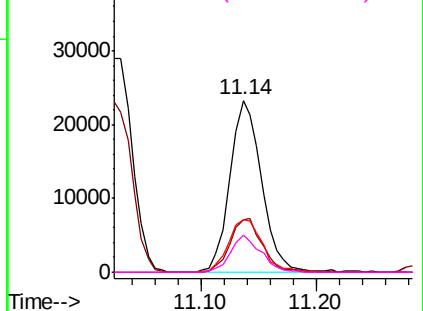
#33
4-Chloroaniline
Concen: 10.140 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB117706BS

Tgt Ion:	127	Resp:	44247
Ion	Ratio	Lower	Upper
127	100		
129	30.6	27.0	40.4
65	30.2	28.8	43.2
92	21.6	16.6	25.0

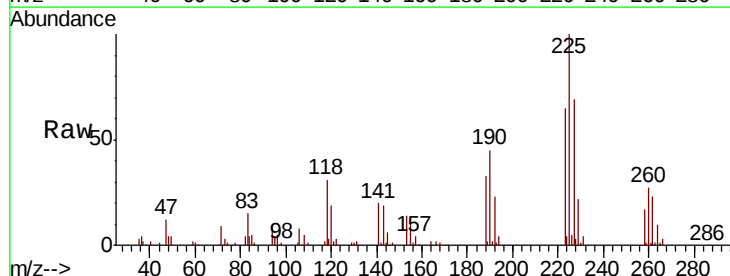


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

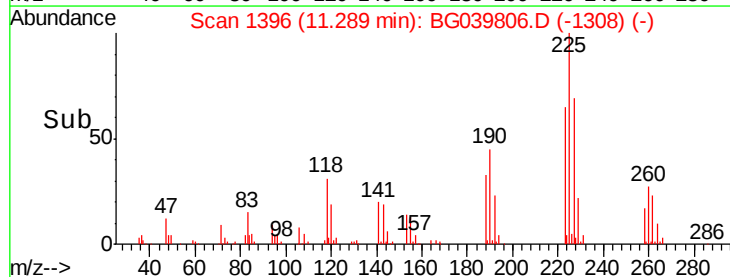
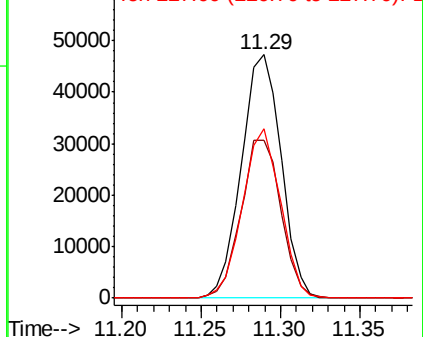


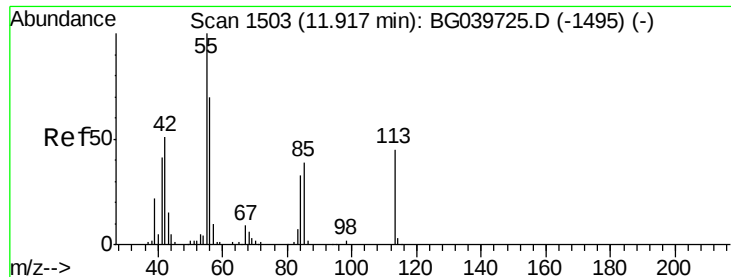
#34
Hexachlorobutadiene
Concen: 33.674 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Tgt Ion:	225	Resp:	82530
Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.0	73.6
227	69.4	46.3	69.5



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

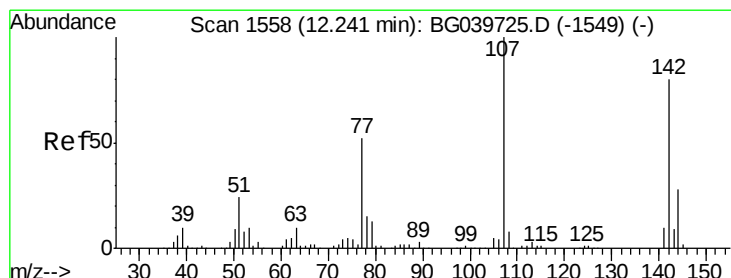
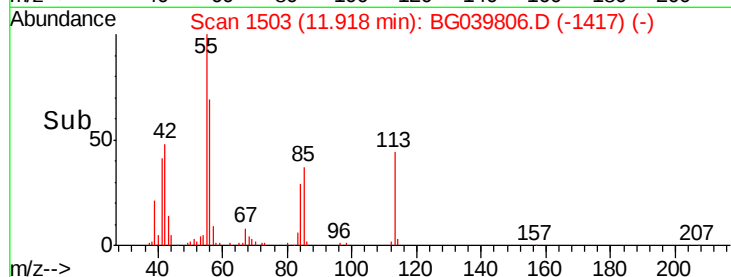
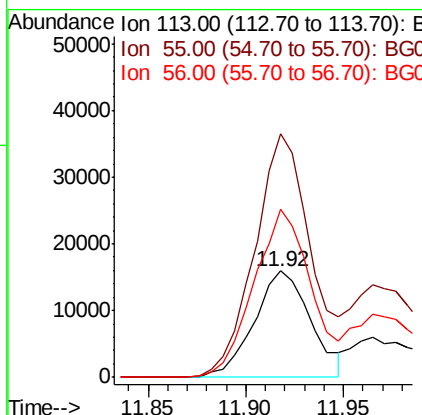
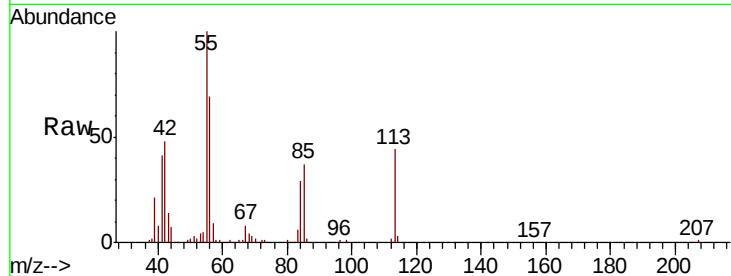




#35
 Caprolactam
 Concen: 26.173 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

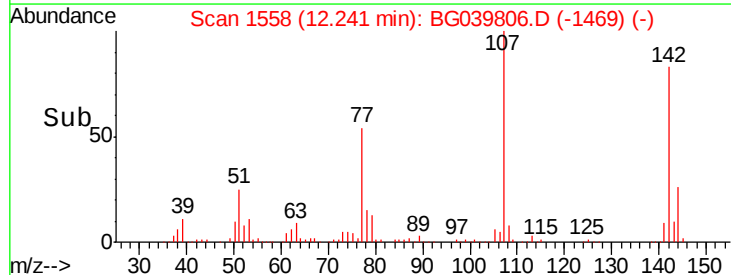
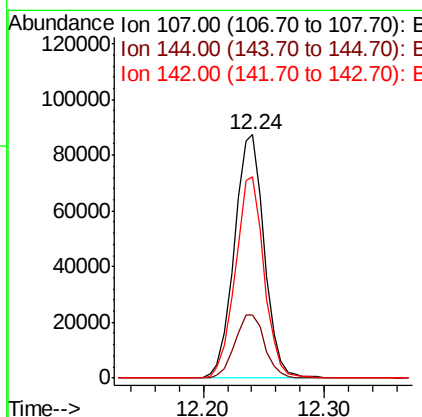
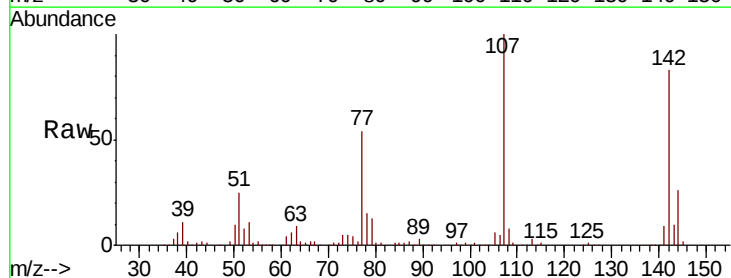
Instrument :
 BNA_F
 ClientSampleId :
 PB117706BS

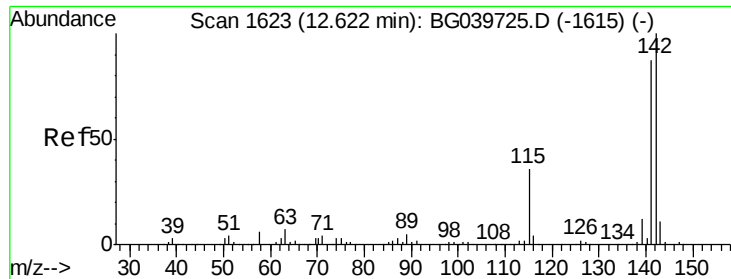
Tgt Ion:113 Resp: 31867
 Ion Ratio Lower Upper
 113 100
 55 229.2 216.9 256.9
 56 158.9 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.204 ng
 RT: 12.24 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

Tgt Ion:107 Resp: 150547
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.2 30.2
 142 82.9 61.4 92.2

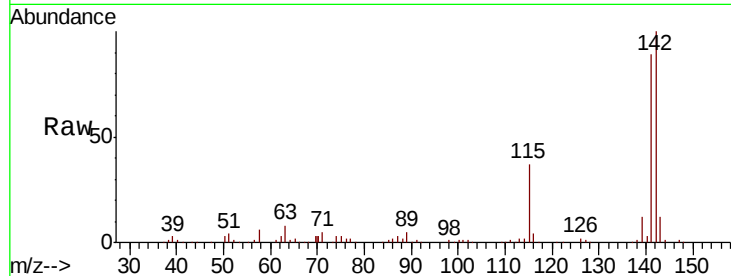




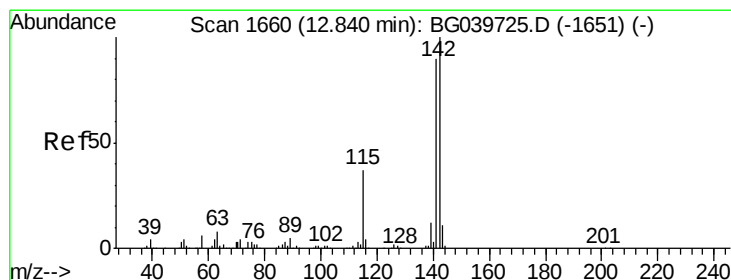
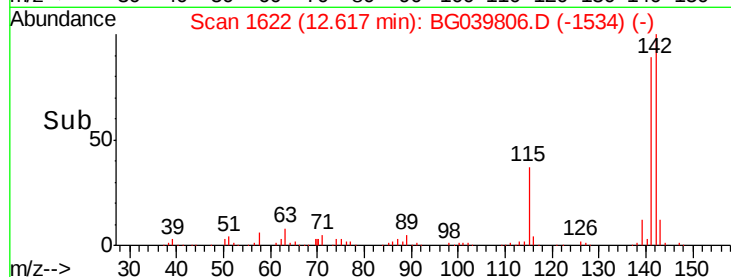
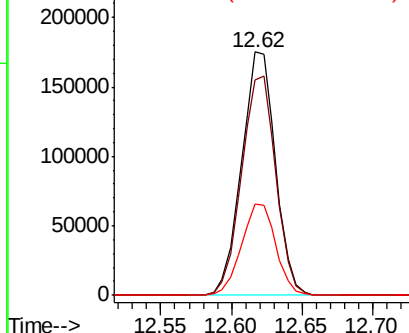
#37
2-Methylnaphthalene
Concen: 38.202 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB117706BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	73.5	110.3
115	37.2	30.8	46.2

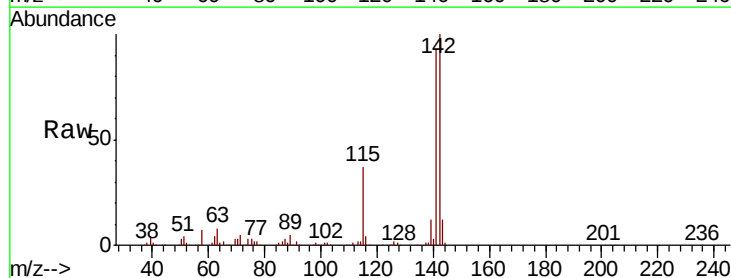


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

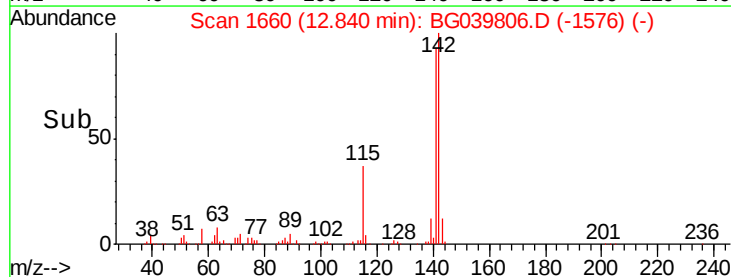
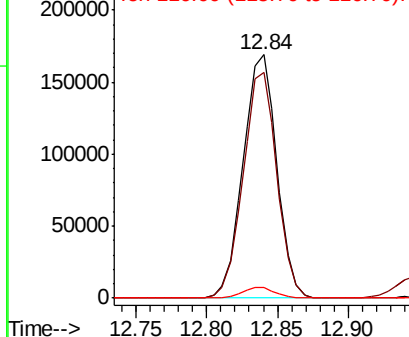


#38
1-Methylnaphthalene
Concen: 37.737 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.4
116	4.2	3.0	4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

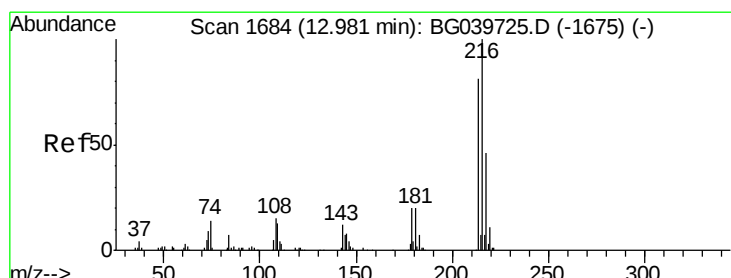
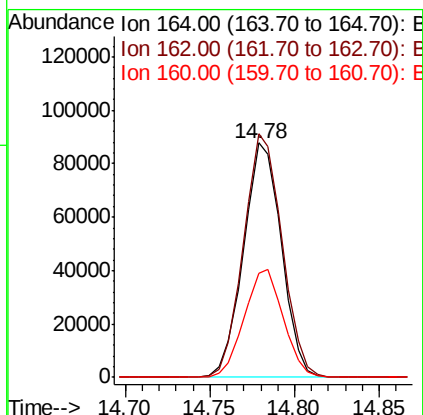
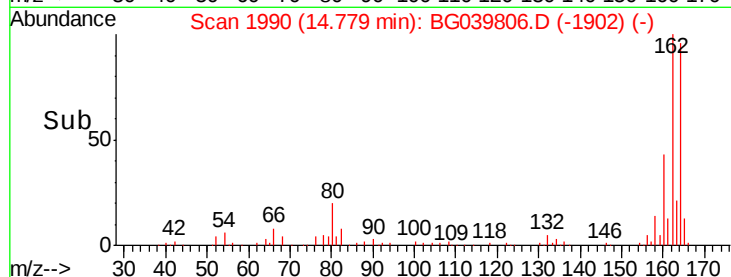
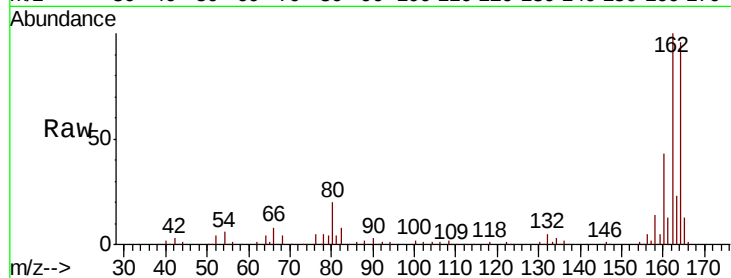
Tgt Ion:164 Resp: 136933

Ion Ratio Lower Upper

164 100

162 103.8 81.6 122.4

160 44.4 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.189 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Tgt Ion:216 Resp: 163240

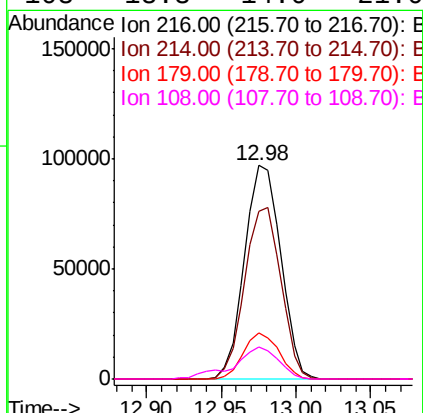
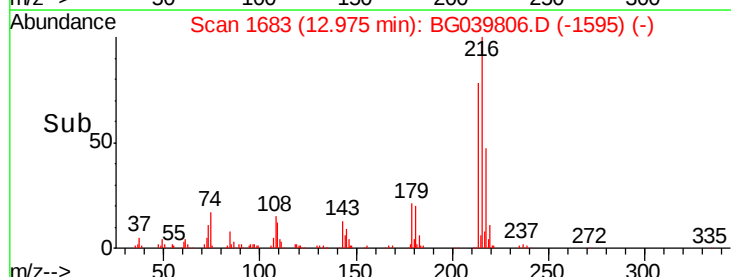
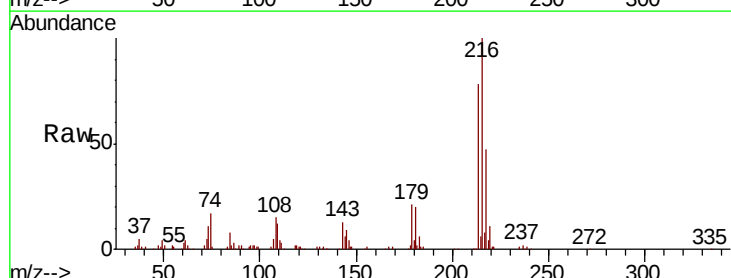
Ion Ratio Lower Upper

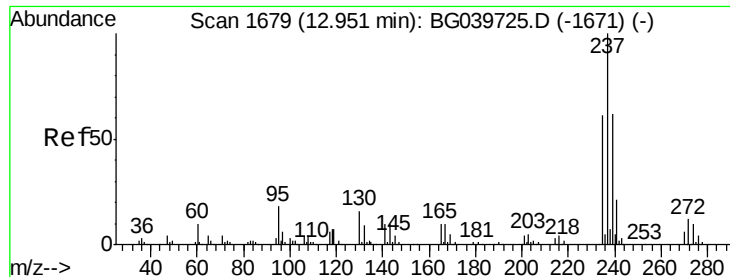
216 100

214 79.9 62.6 94.0

179 21.0 16.6 25.0

108 18.3 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 82.072 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

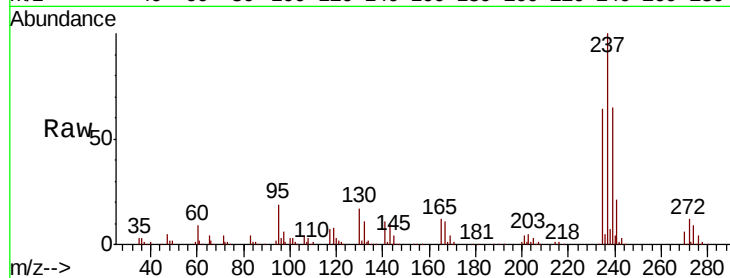
Tgt Ion:237 Resp: 204034

Ion Ratio Lower Upper

237 100

235 63.7 43.3 83.3

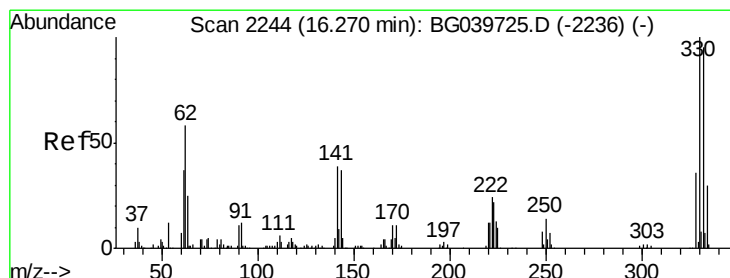
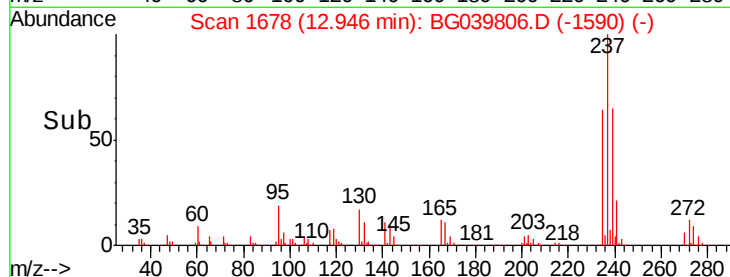
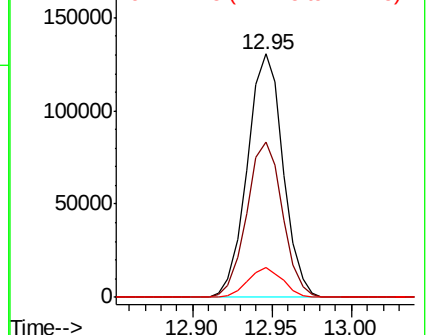
272 12.1 0.0 32.3



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: 125.928 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

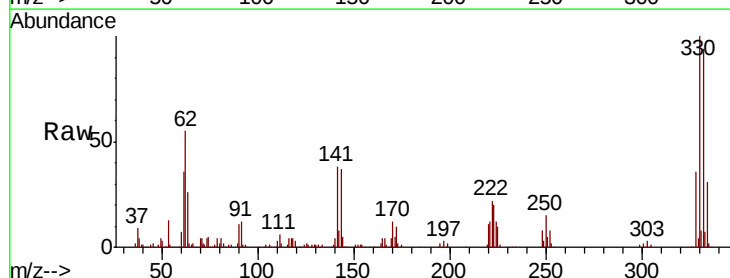
Tgt Ion:330 Resp: 200988

Ion Ratio Lower Upper

330 100

332 94.3 75.7 113.5

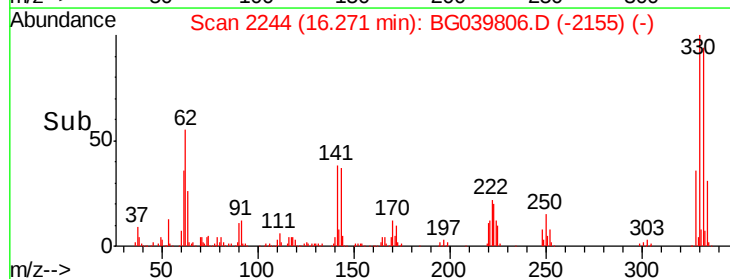
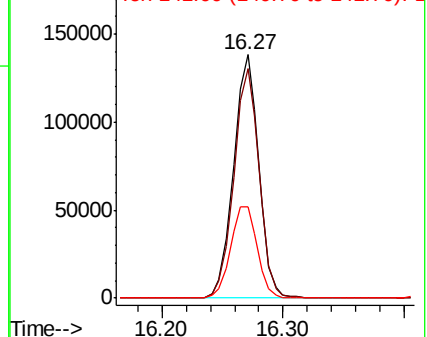
141 39.9 35.6 53.4

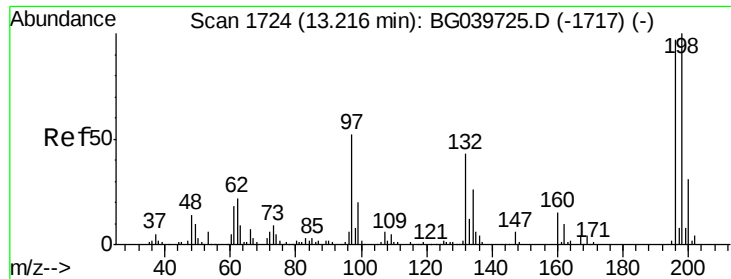


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

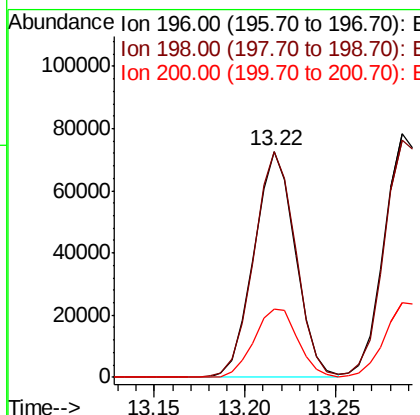
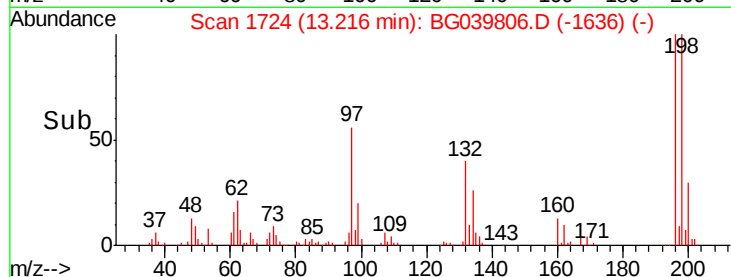
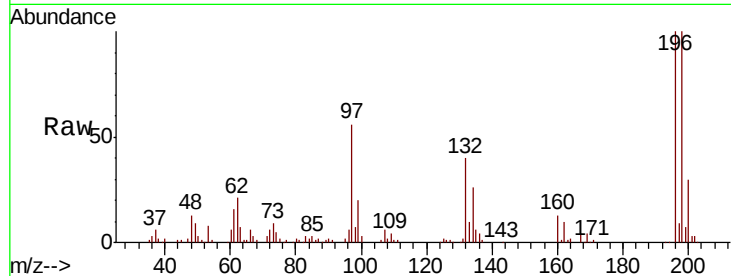




#43
 2,4,6-Trichlorophenol
 Concen: 42.457 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

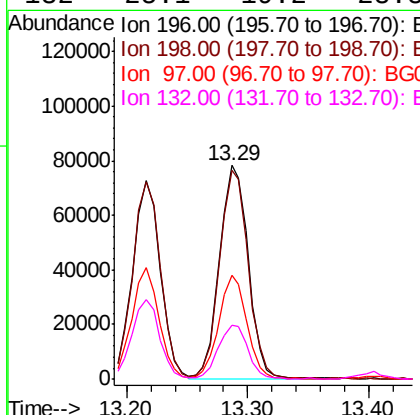
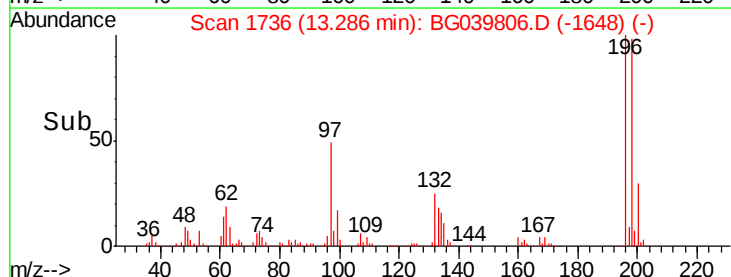
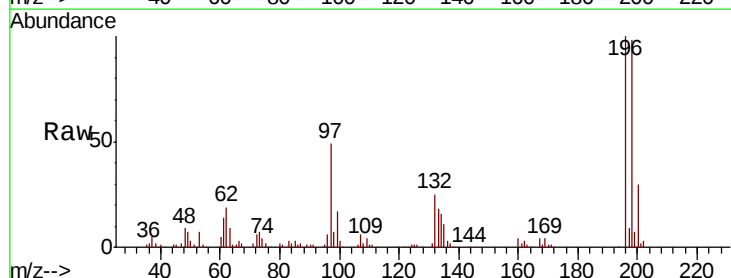
Instrument :
 BNA_F
 ClientSampleId :
 PB117706BS

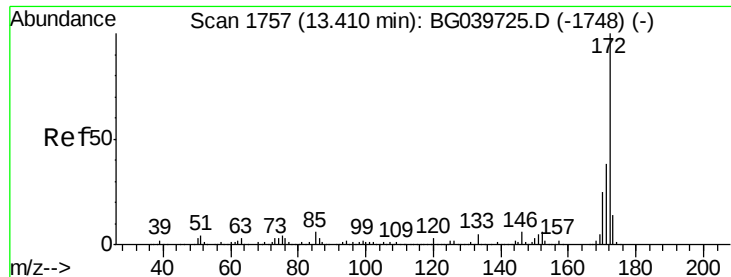
Tgt Ion:196 Resp: 115310
 Ion Ratio Lower Upper
 196 100
 198 99.6 80.6 121.0
 200 30.4 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 41.944 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

Tgt Ion:196 Resp: 128402
 Ion Ratio Lower Upper
 196 100
 198 97.6 78.5 117.7
 97 48.8 38.4 57.6
 132 25.1 19.2 28.8

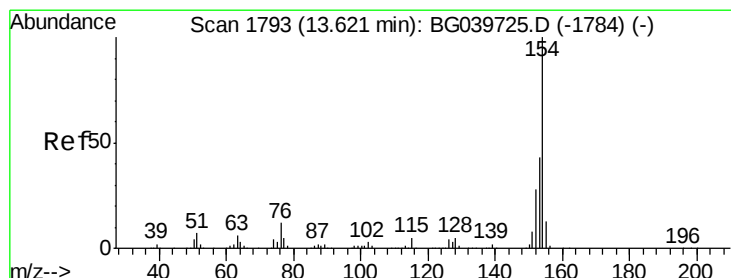
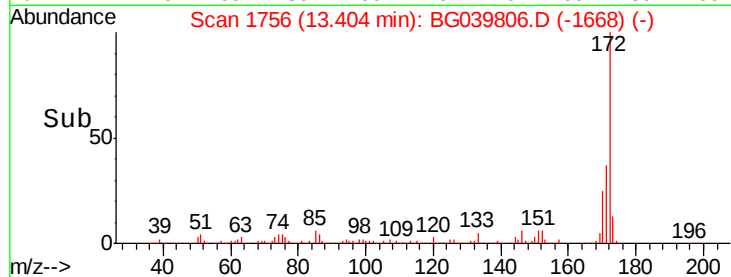
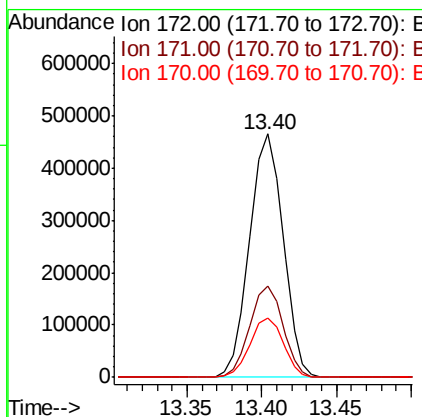
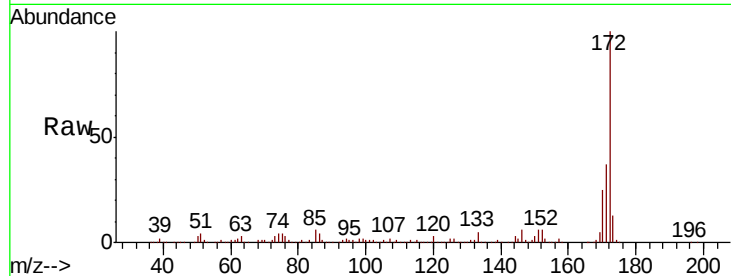




#45
2-Fluorobiphenyl
Concen: 75.338 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

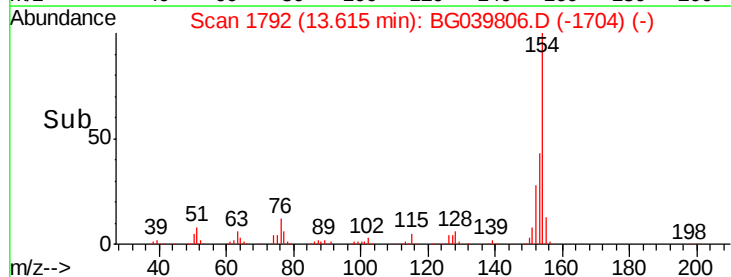
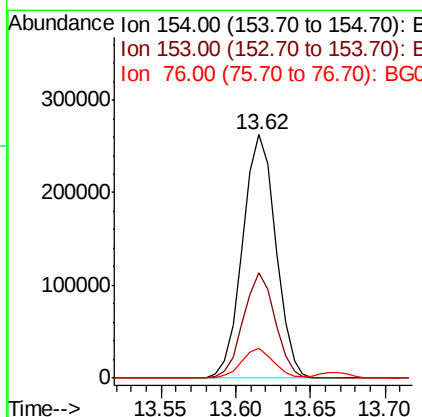
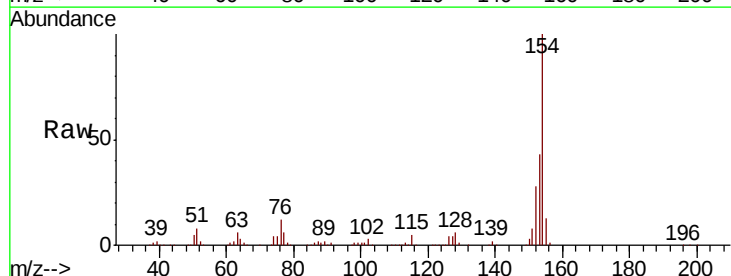
Instrument :
BNA_F
ClientSampleId :
PB117706BS

Tgt Ion:172 Resp: 724545
Ion Ratio Lower Upper
172 100
171 37.4 30.8 46.2
170 24.5 20.2 30.4



#46
1,1'-Biphenyl
Concen: 35.804 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Tgt Ion:154 Resp: 403246
Ion Ratio Lower Upper
154 100
153 43.3 22.1 62.1
76 12.2 0.0 32.4

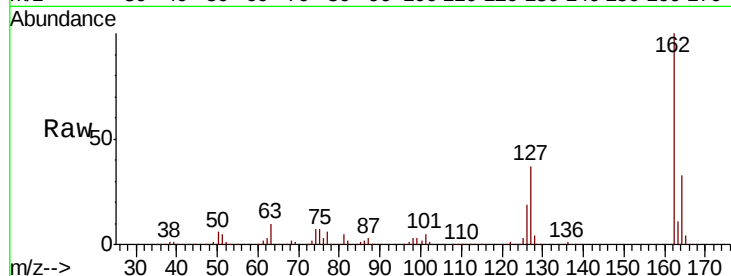




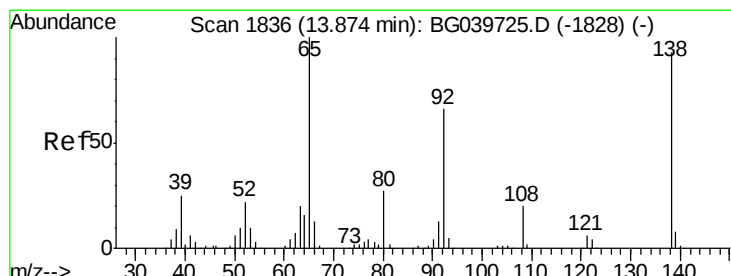
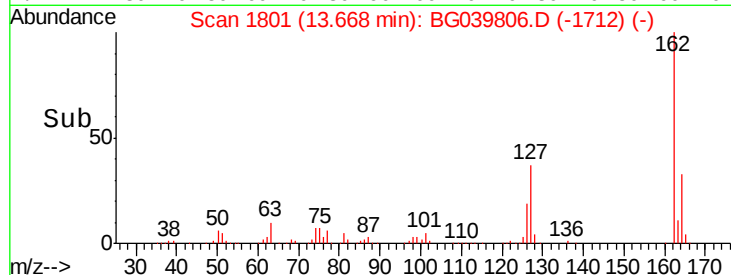
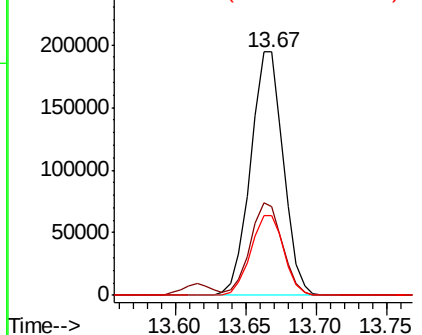
#47
 2-Chloronaphthalene
 Concen: 37.442 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB117706BS

Tgt Ion: 162 Resp: 317235
 Ion Ratio Lower Upper
 162 100
 127 36.7 31.0 46.6
 164 32.9 25.7 38.5

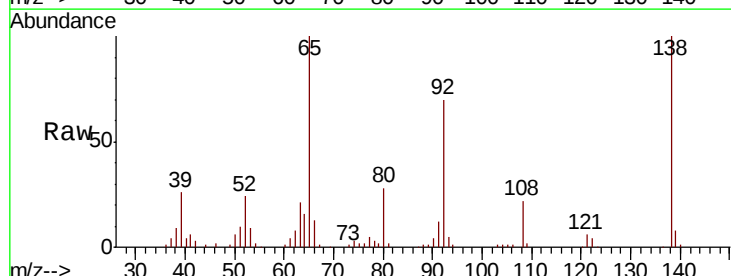


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

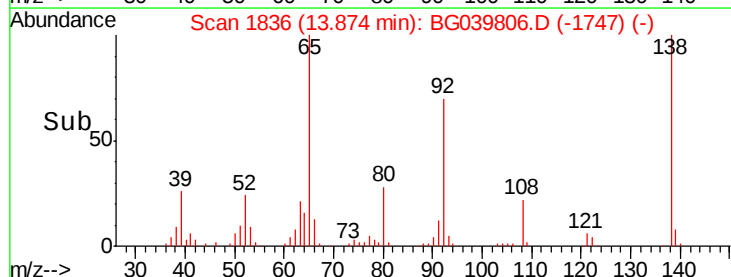
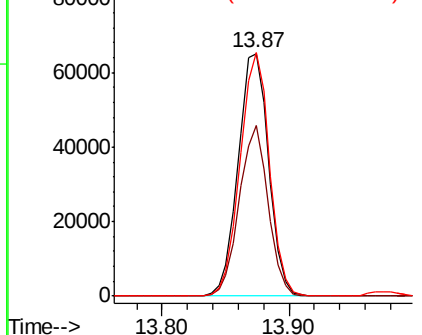


#48
 2-Nitroaniline
 Concen: 39.840 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

Tgt Ion: 65 Resp: 108480
 Ion Ratio Lower Upper
 65 100
 92 70.5 51.4 77.2
 138 100.5 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: 37.090 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

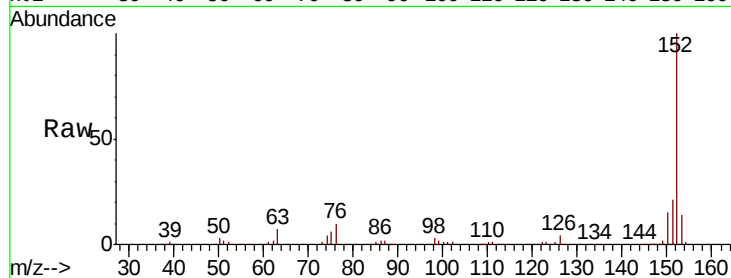
Tgt Ion:152 Resp: 515882

Ion Ratio Lower Upper

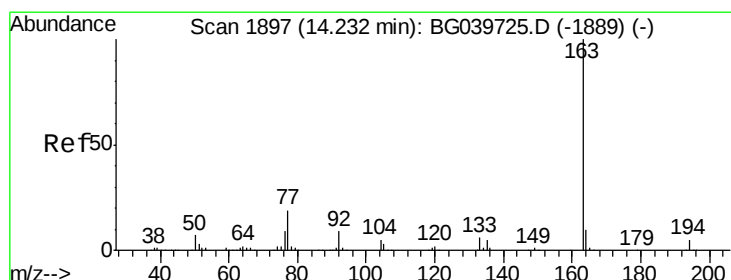
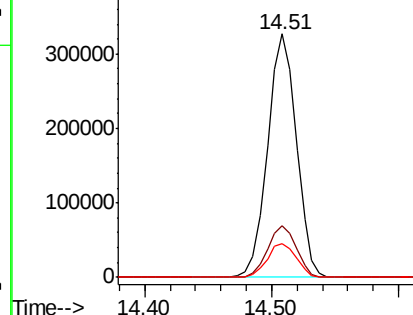
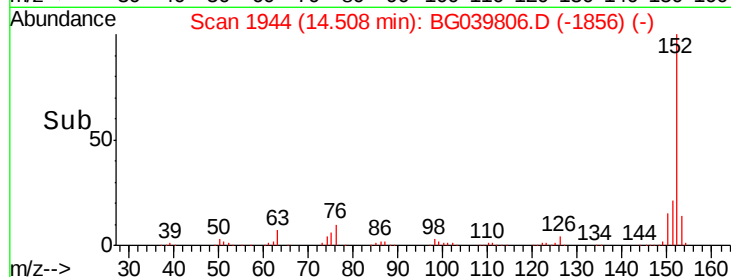
152 100

151 21.2 16.8 25.2

153 14.0 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: 37.704 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

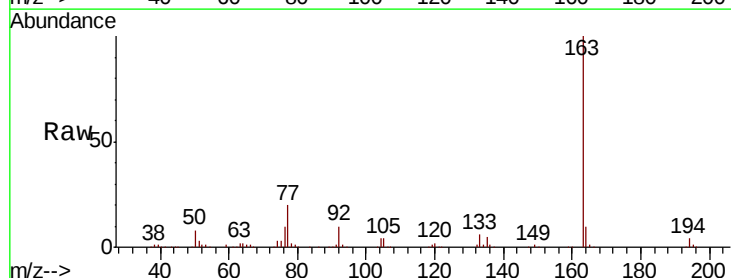
Tgt Ion:163 Resp: 431718

Ion Ratio Lower Upper

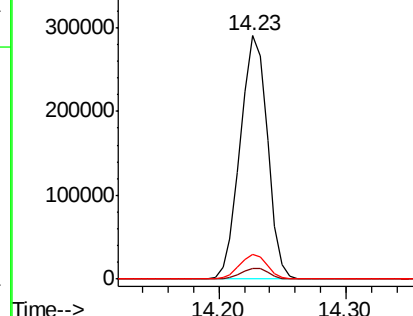
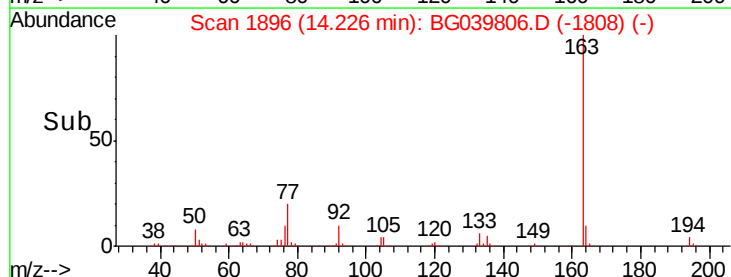
163 100

194 4.3 3.6 5.4

164 10.3 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: 39.520 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

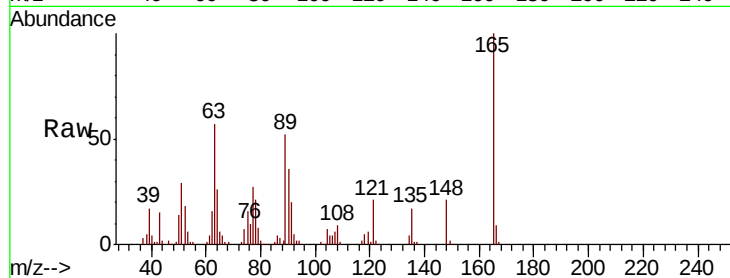
Tgt Ion:165 Resp: 95930

Ion Ratio Lower Upper

165 100

63 57.1 47.0 70.6

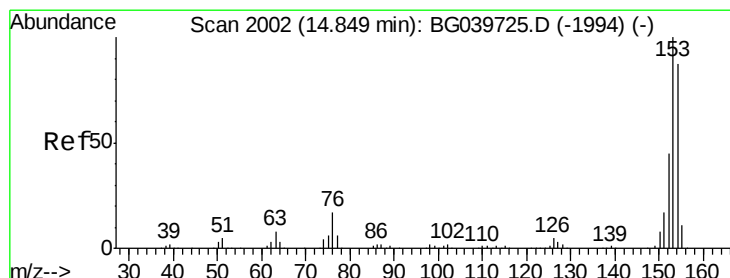
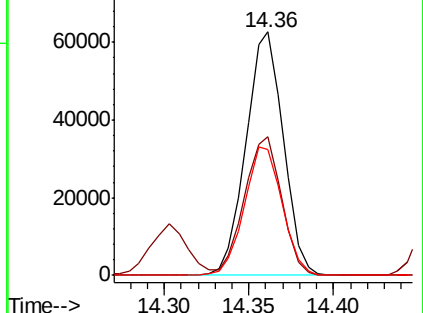
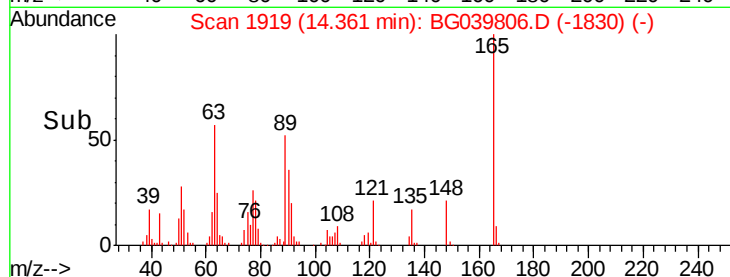
89 51.7 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 37.175 ng

RT: 14.84 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

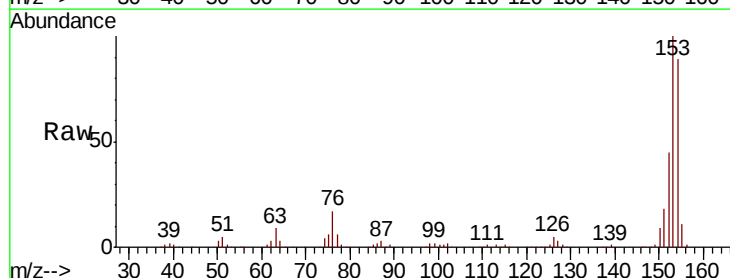
Tgt Ion:154 Resp: 311206

Ion Ratio Lower Upper

154 100

153 112.4 90.1 135.1

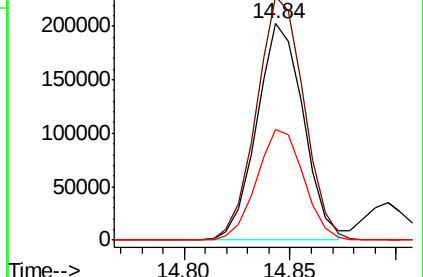
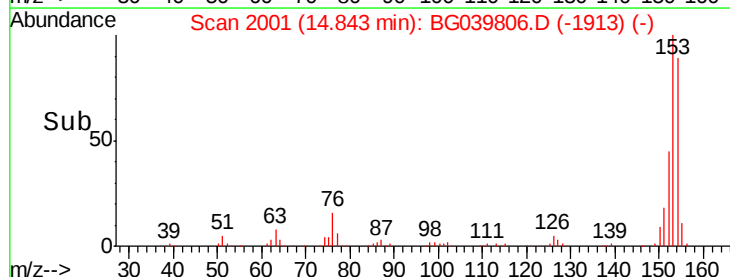
152 50.9 40.9 61.3



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: 15.807 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

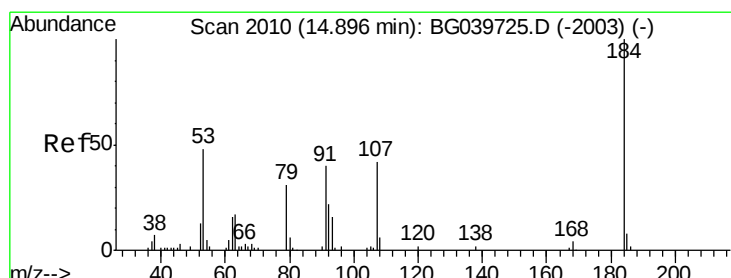
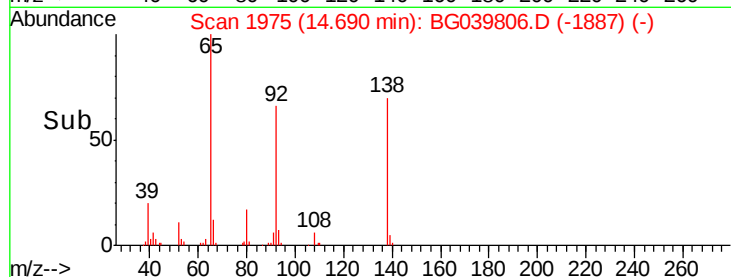
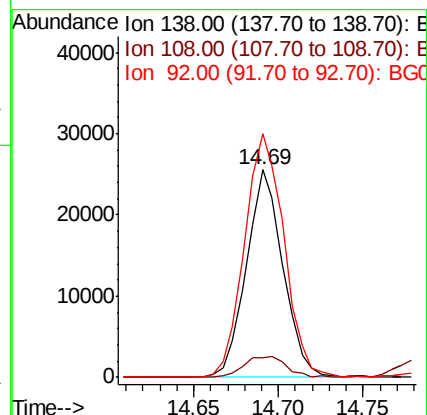
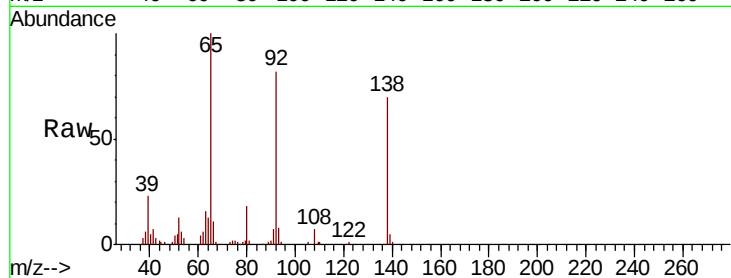
Tgt Ion:138 Resp: 38571

Ion Ratio Lower Upper

138 100

108 9.6 13.8 20.8#

92 117.3 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 54.953 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

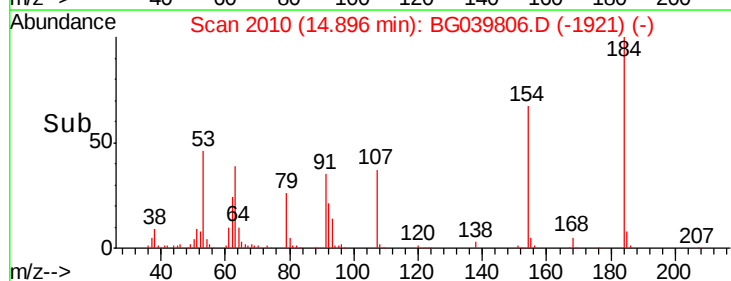
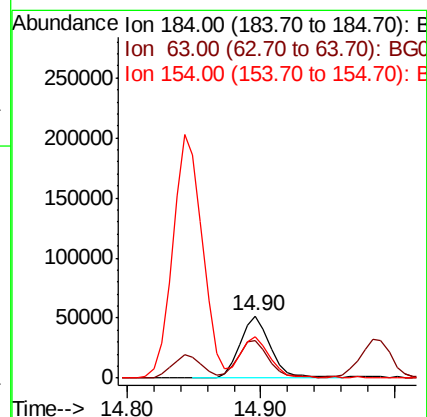
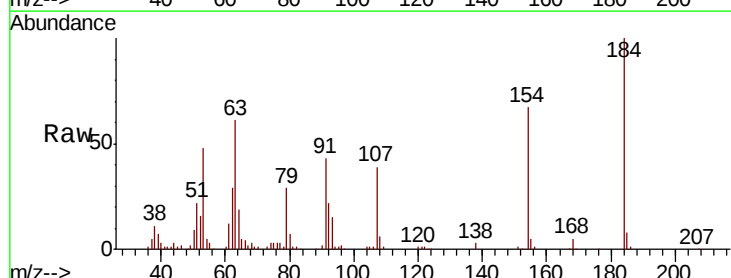
Tgt Ion:184 Resp: 81426

Ion Ratio Lower Upper

184 100

63 60.9 50.9 76.3

154 66.8 53.0 79.6

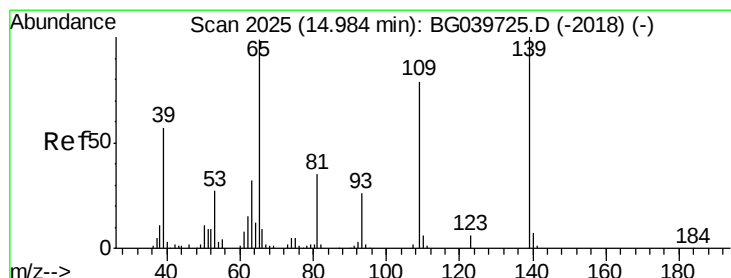
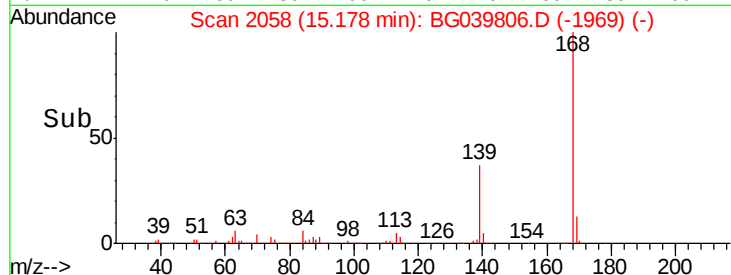
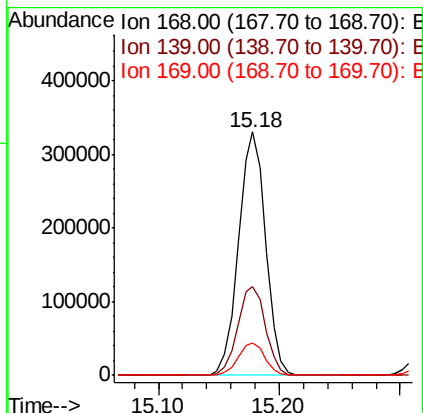
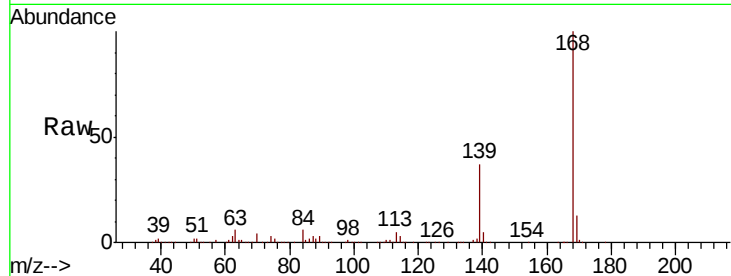




#55
Dibenzenofuran
Concen: 37.441 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

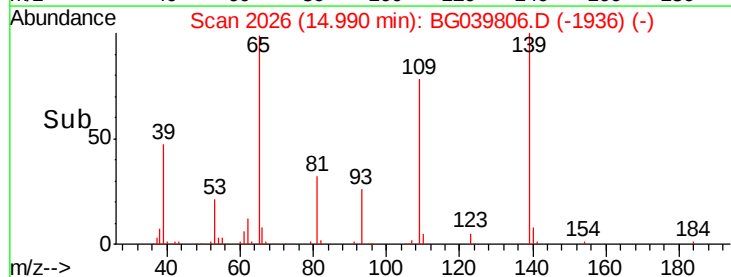
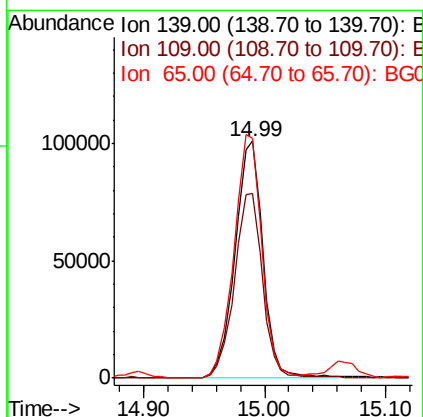
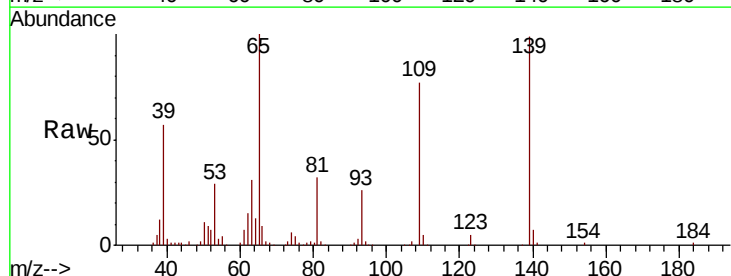
Instrument :
BNA_F
ClientSampleId :
PB117706BS

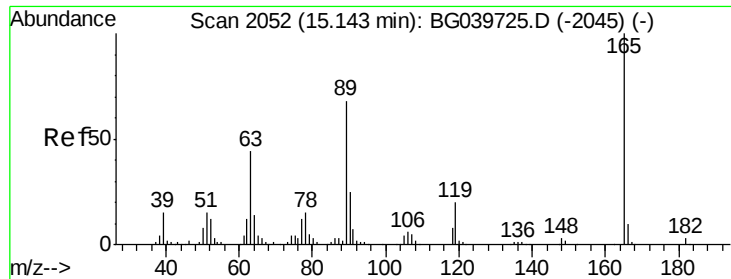
Tgt Ion:168 Resp: 514252
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 74.487 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Tgt Ion:139 Resp: 162588
Ion Ratio Lower Upper
139 100
109 77.9 61.9 101.9
65 101.2 99.1 139.1

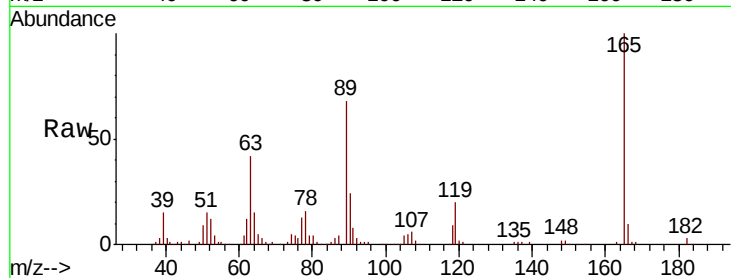




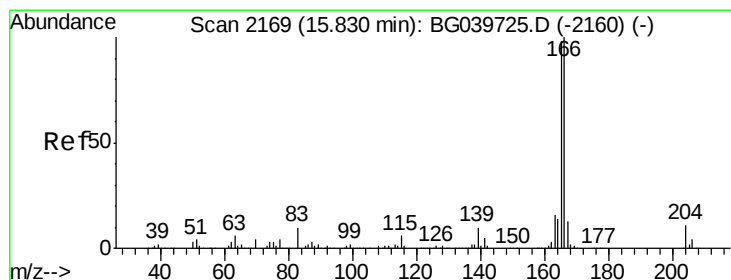
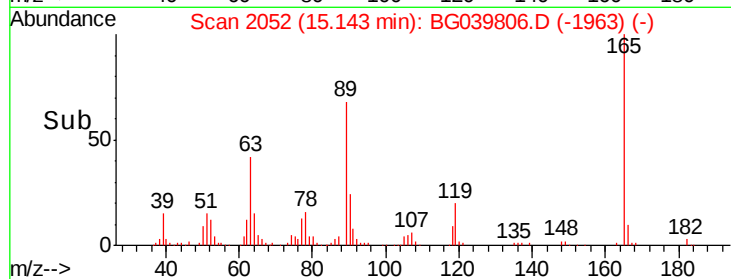
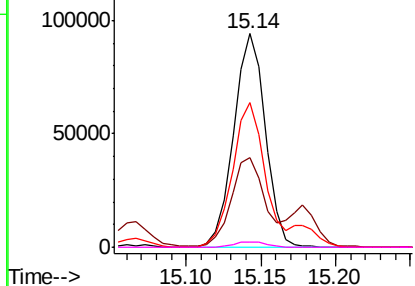
#57
2,4-Dinitrotoluene
Concen: 40.691 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB117706BS

Tgt Ion:	165	Resp:	138787
Ion	Ratio	Lower	Upper
165	100		
63	42.2	41.0	61.6
89	67.6	64.6	96.8
182	2.5	2.0	3.0

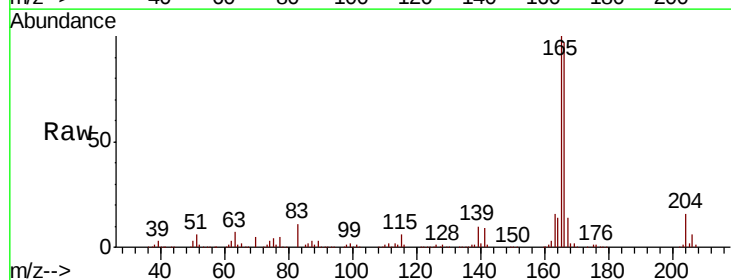


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

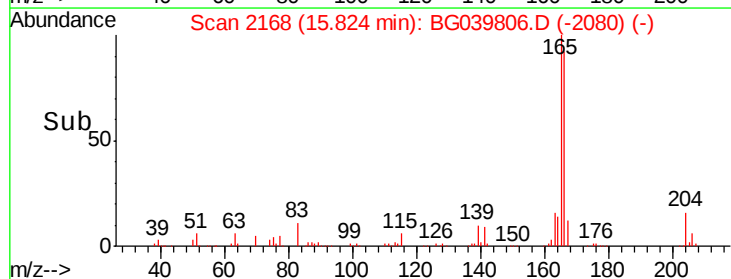
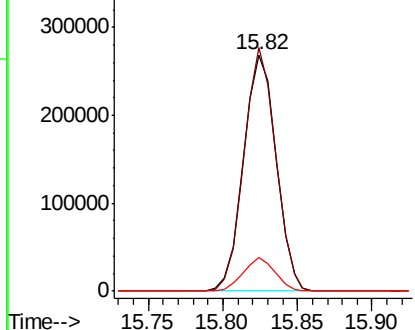


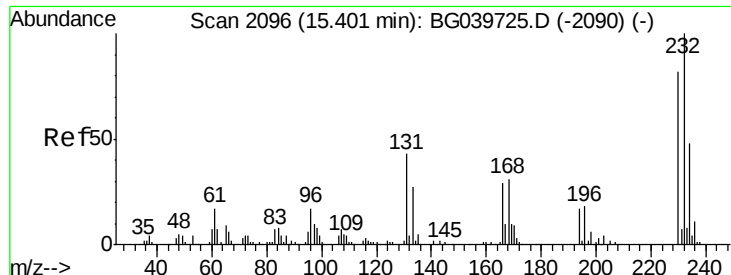
#58
Fluorene
Concen: 37.638 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Tgt Ion:	166	Resp:	406396
Ion	Ratio	Lower	Upper
166	100		
165	103.1	77.9	116.9
167	14.3	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

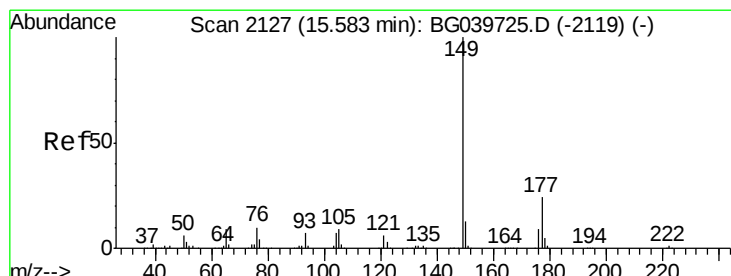
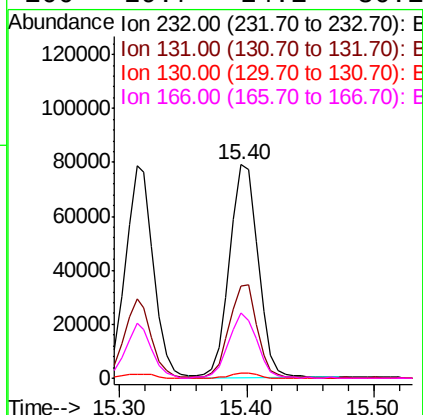
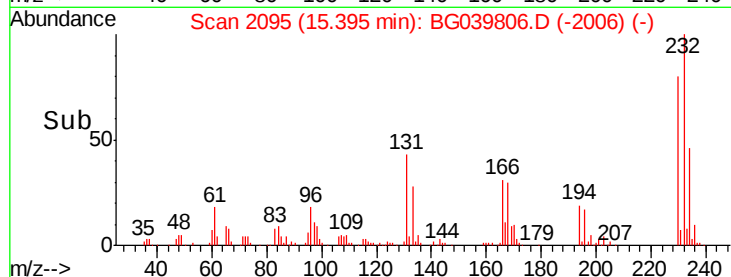
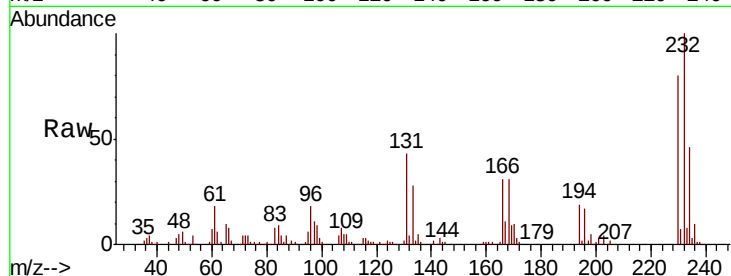




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.405 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

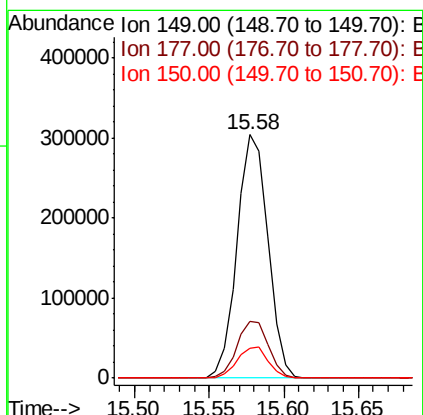
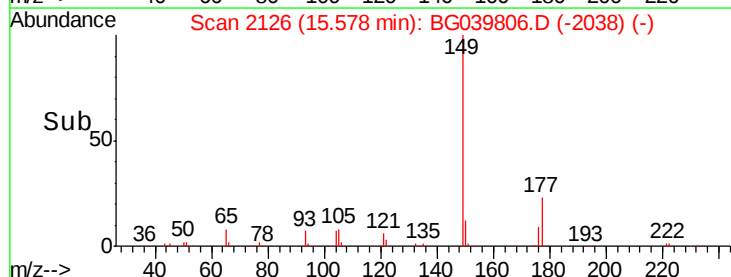
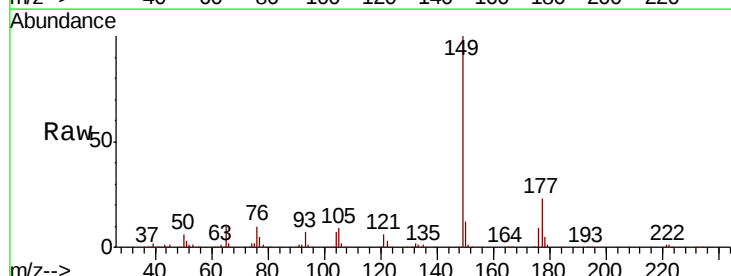
Instrument :
 BNA_F
 ClientSampleId :
 PB117706BS

Tgt Ion: 232 Resp: 123790
 Ion Ratio Lower Upper
 232 100
 131 42.6 34.9 52.3
 130 2.5 2.0 3.0
 166 29.7 24.1 36.1



#60
 Diethylphthalate
 Concen: 38.548 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

Tgt Ion: 149 Resp: 436932
 Ion Ratio Lower Upper
 149 100
 177 23.4 18.3 27.5
 150 12.4 10.2 15.2

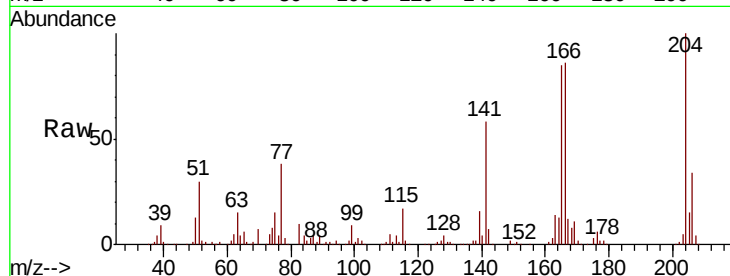




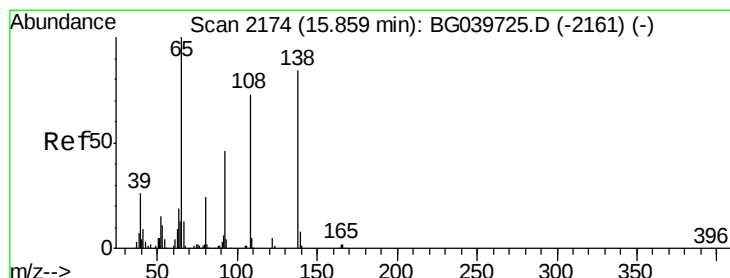
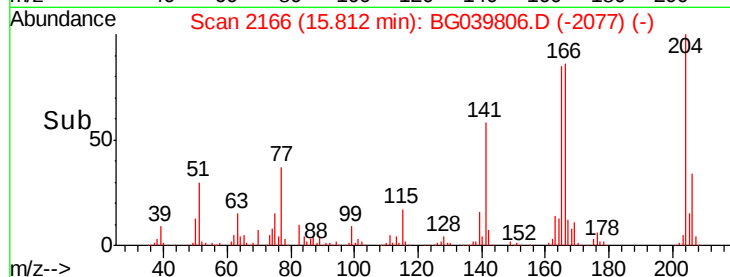
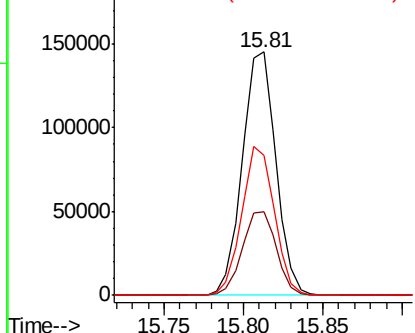
#61
4-Chlorophenyl-phenylether
Concen: 37.137 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB117706BS

Tgt Ion:204 Resp: 213977
Ion Ratio Lower Upper
204 100
206 34.2 29.2 43.8
141 57.7 49.0 73.4

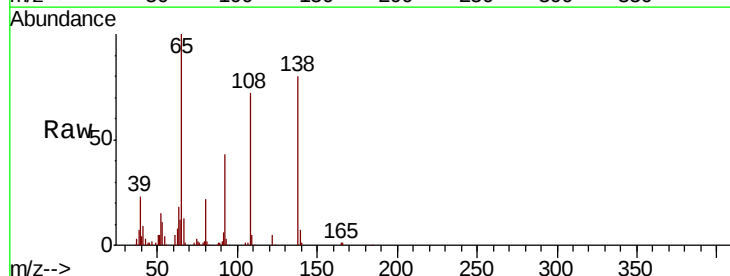


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

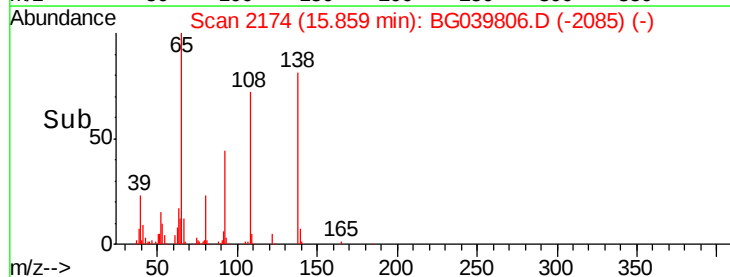
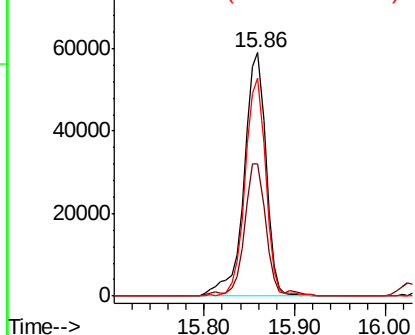


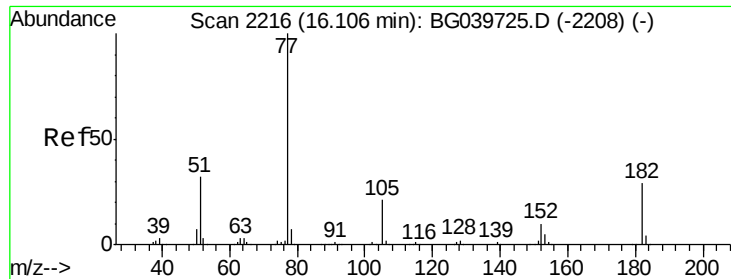
#62
4-Nitroaniline
Concen: 37.219 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Tgt Ion:138 Resp: 98454
Ion Ratio Lower Upper
138 100
92 54.2 38.7 78.7
108 89.4 74.6 114.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

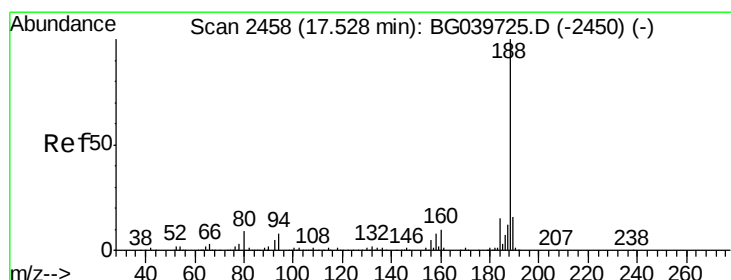
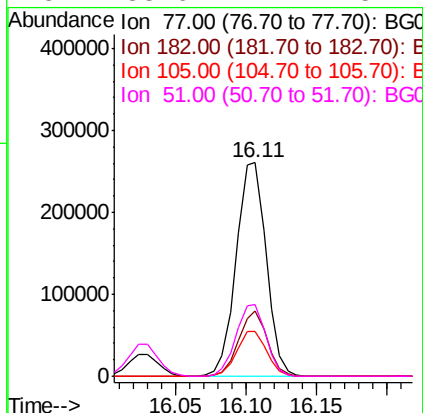
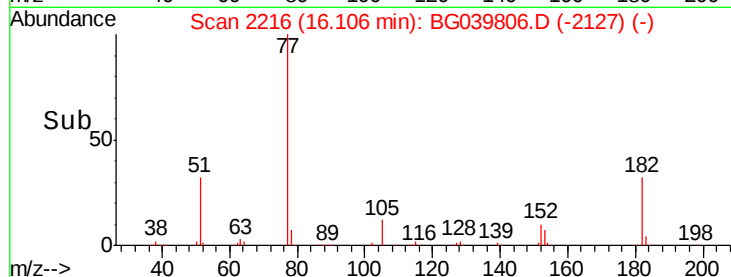
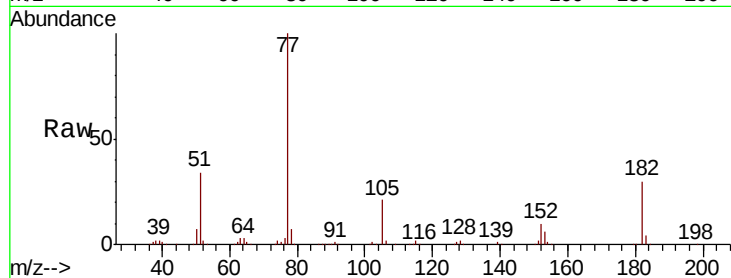




#63
Azobenzene
Concen: 37.724 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

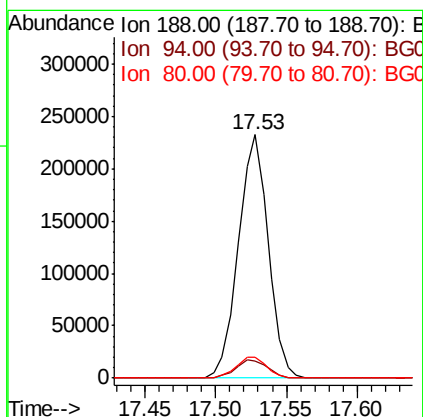
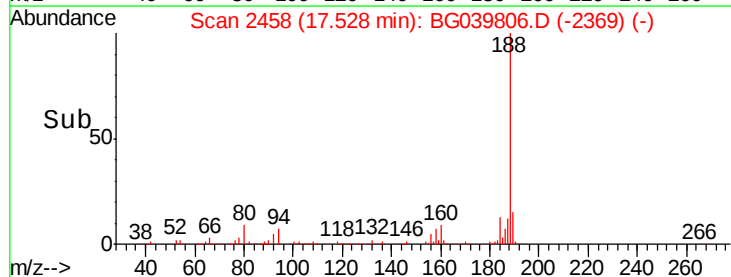
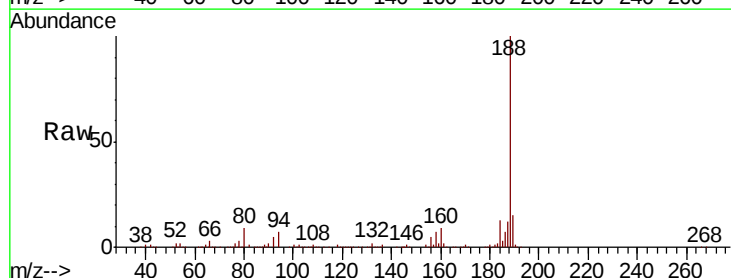
Instrument :
BNA_F
ClientSampleId :
PB117706BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.5	6.4	46.4
105	20.8	0.0	39.8
51	33.6	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	8.7	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.548 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

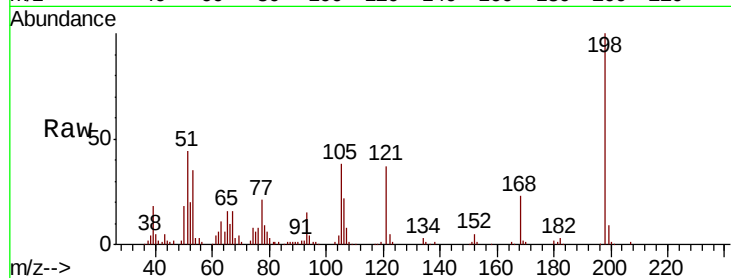
Tgt Ion:198 Resp: 76016

Ion Ratio Lower Upper

198 100

51 44.4 27.4 67.4

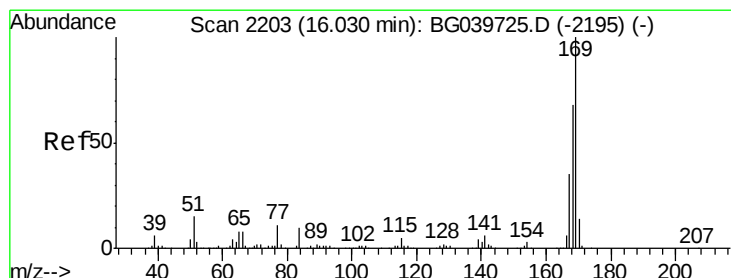
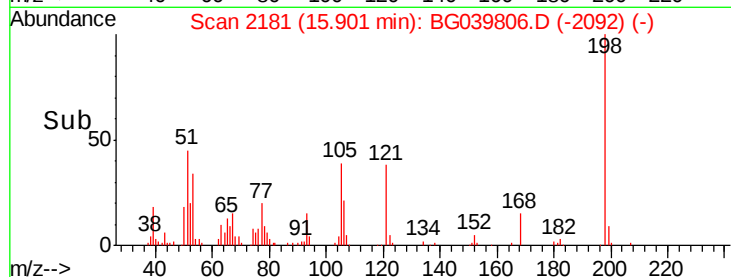
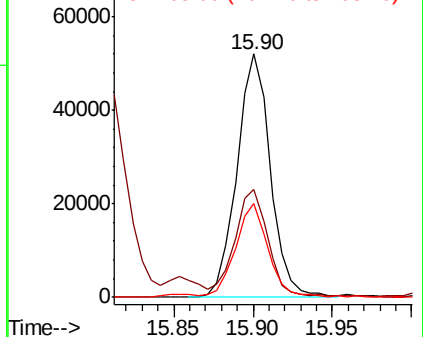
105 38.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039725.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.935 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

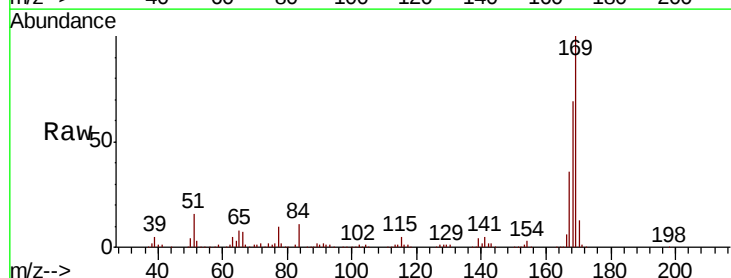
Tgt Ion:169 Resp: 376025

Ion Ratio Lower Upper

169 100

168 68.7 56.6 85.0

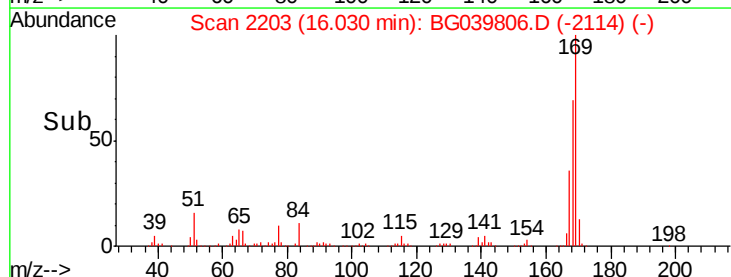
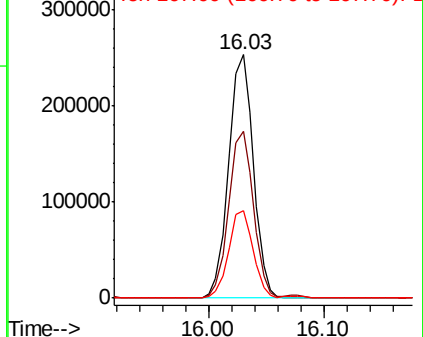
167 36.2 28.8 43.2



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

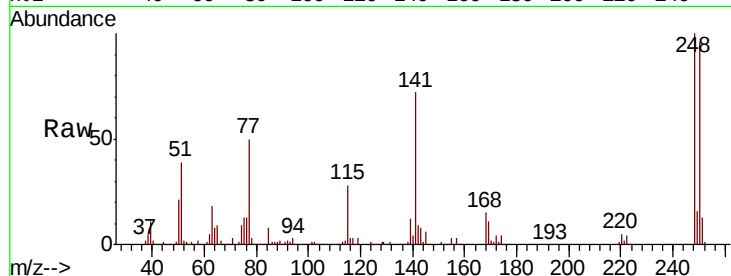




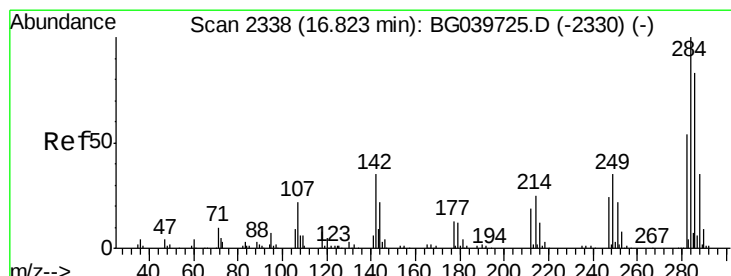
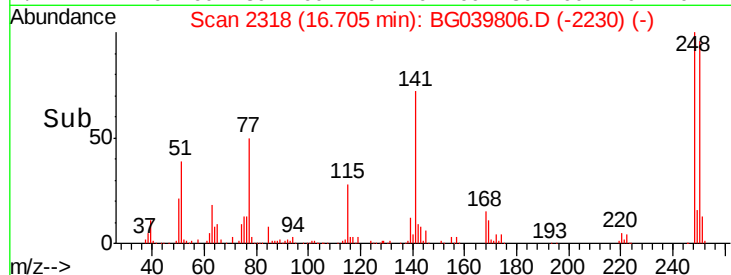
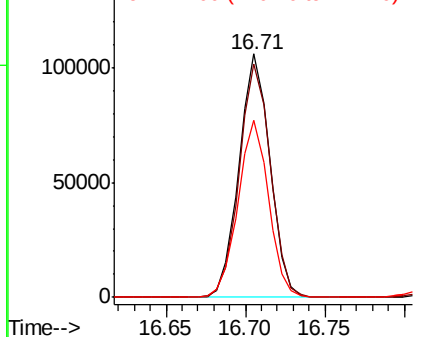
#67
4-Bromophenyl-phenylether
Concen: 37.383 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB117706BS

Tgt Ion:248 Resp: 143271
Ion Ratio Lower Upper
248 100
250 95.8 77.6 116.4
141 72.5 63.9 95.9

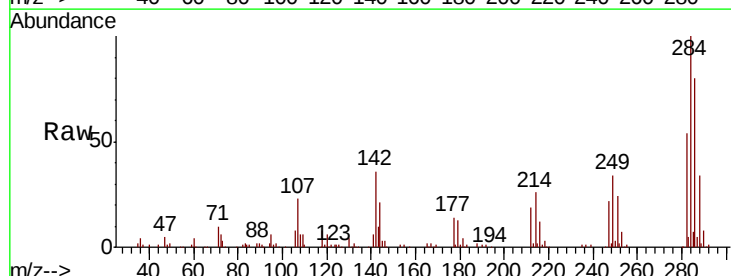


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

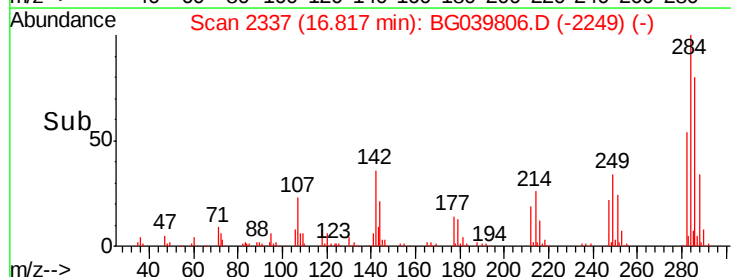
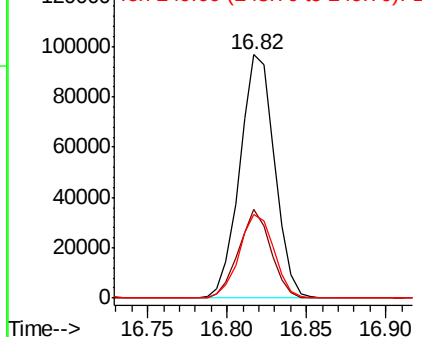


#68
Hexachlorobenzene
Concen: 36.988 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Tgt Ion:284 Resp: 146942
Ion Ratio Lower Upper
284 100
142 36.3 30.6 45.8
249 34.1 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

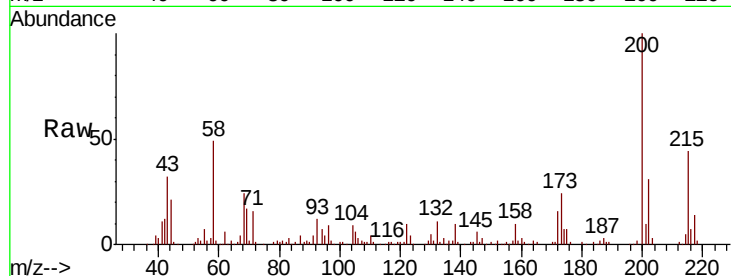




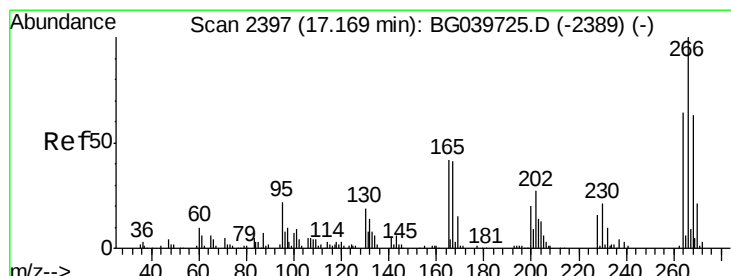
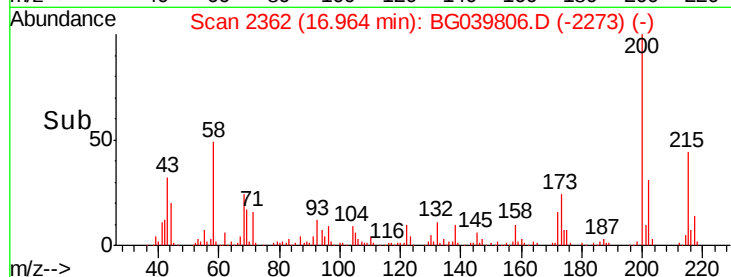
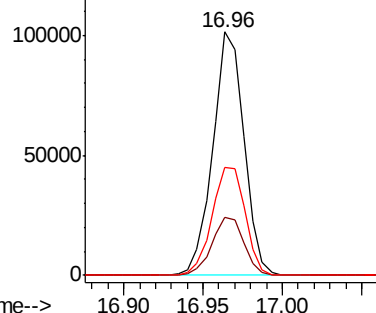
#69
 Atrazine
 Concen: 35.414 ng
 RT: 16.96 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB117706BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.8	3.9	43.9
215	44.3	30.9	70.9

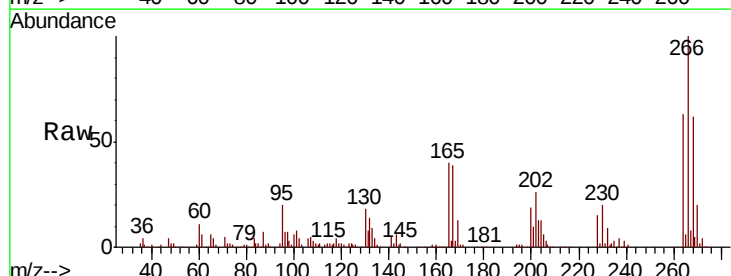


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

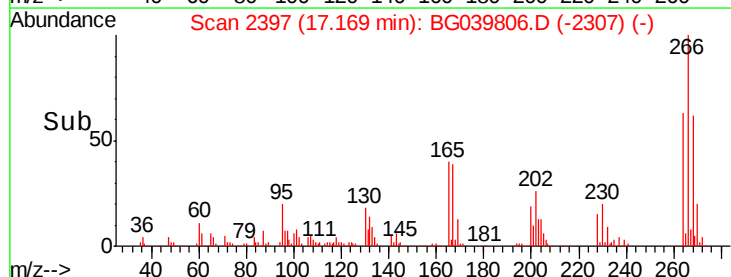
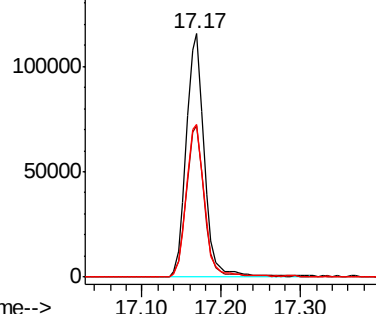


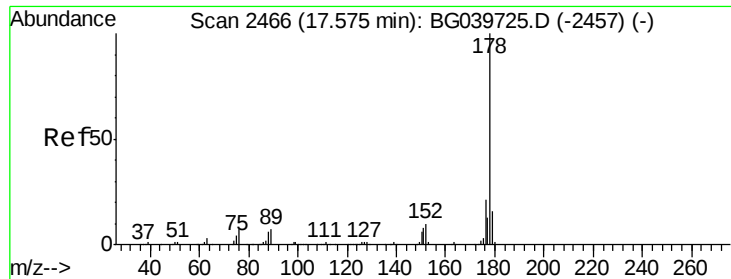
#70
 Pentachlorophenol
 Concen: 73.047 ng
 RT: 17.17 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	51.1	76.7
264	62.7	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

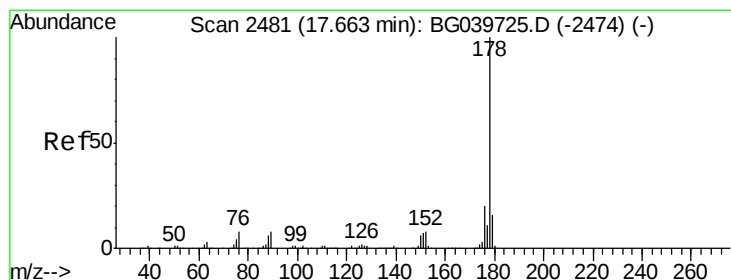
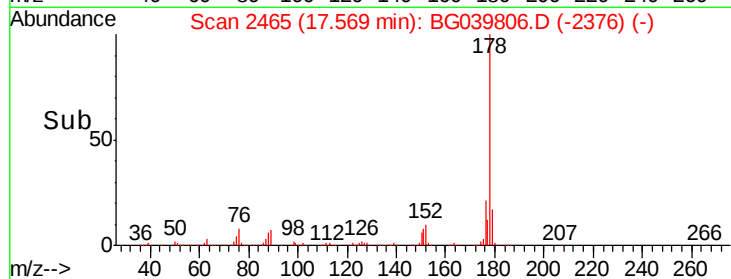
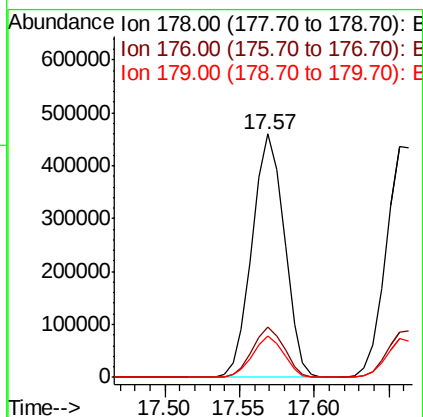
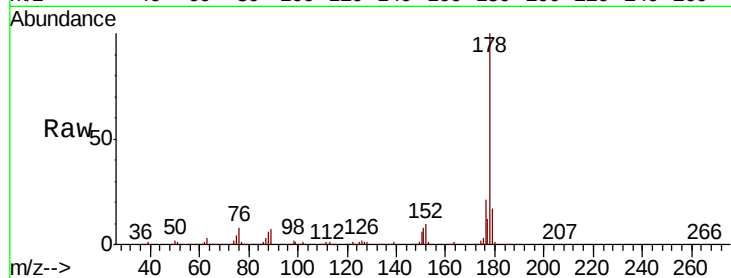




#71
 Phenanthrene
 Concen: 36.615 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

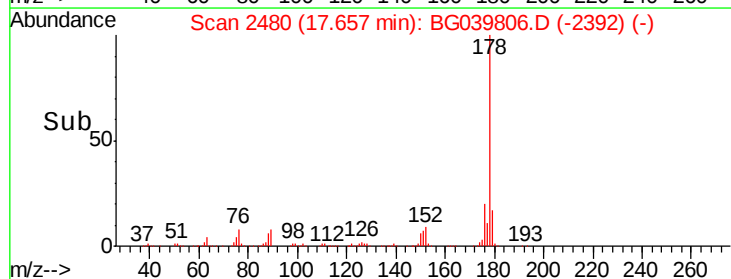
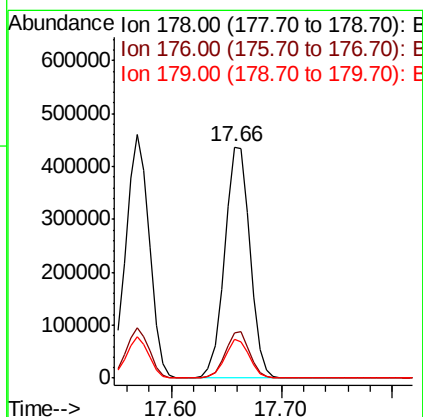
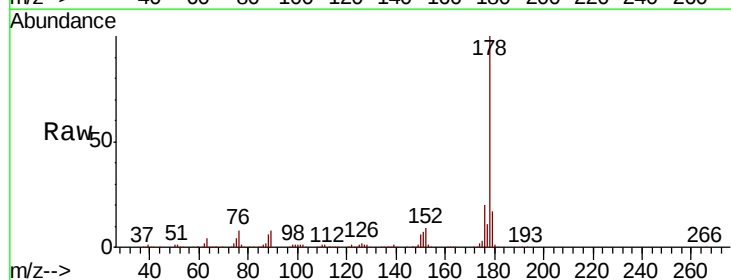
Instrument :
 BNA_F
 ClientSampleId :
 PB117706BS

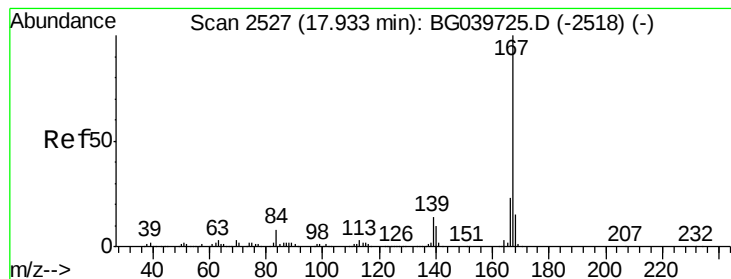
Tgt Ion:178 Resp: 690539
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.2 24.4
 179 16.8 12.6 19.0



#72
 Anthracene
 Concen: 38.148 ng
 RT: 17.66 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

Tgt Ion:178 Resp: 701108
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.6
 179 16.7 12.5 18.7





#73

Carbazole

Concen: 36.546 ng

RT: 17.93 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

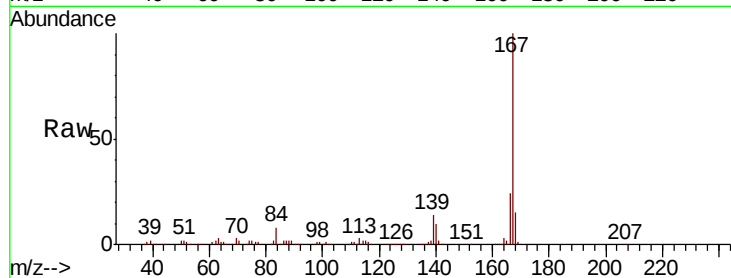
Tgt Ion:167 Resp: 605513

Ion Ratio Lower Upper

167 100

166 23.6 19.4 29.2

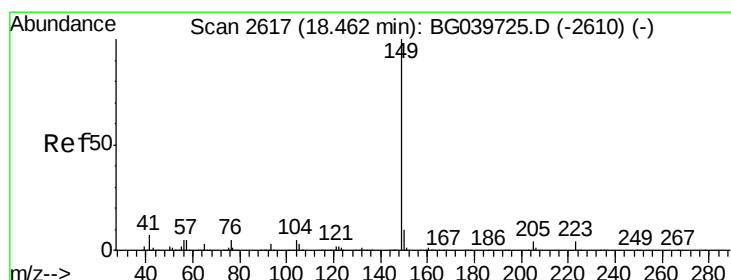
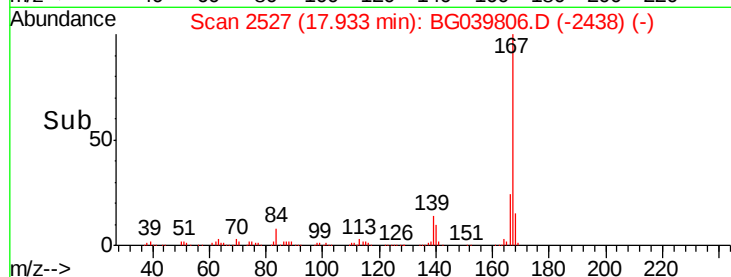
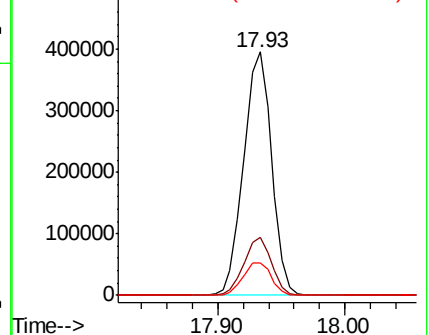
139 13.5 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.285 ng

RT: 18.46 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

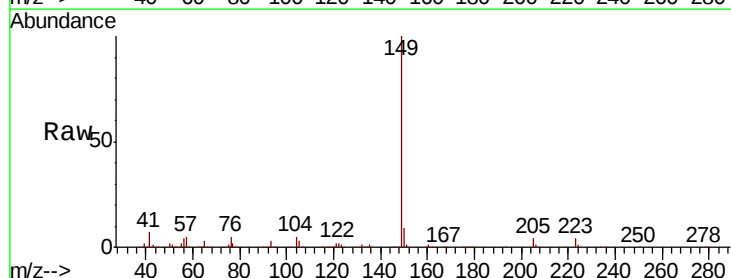
Tgt Ion:149 Resp: 746315

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

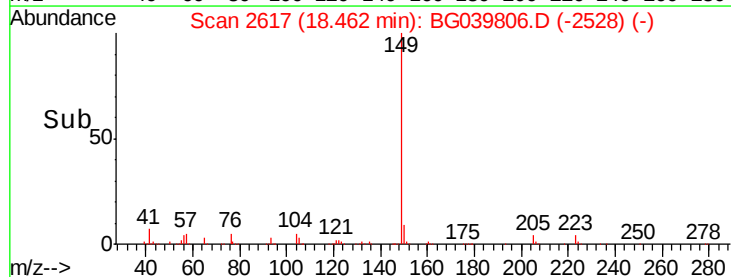
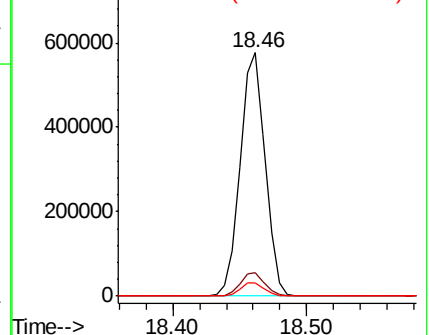
104 5.3 4.5 6.7

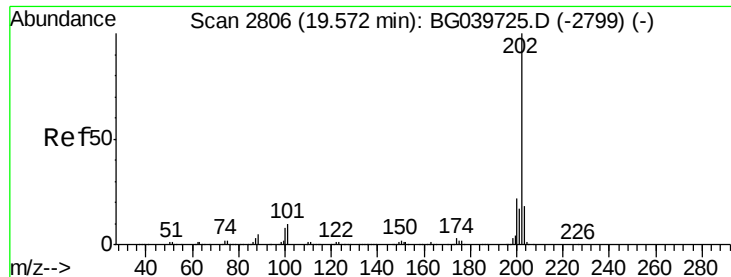


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.598 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

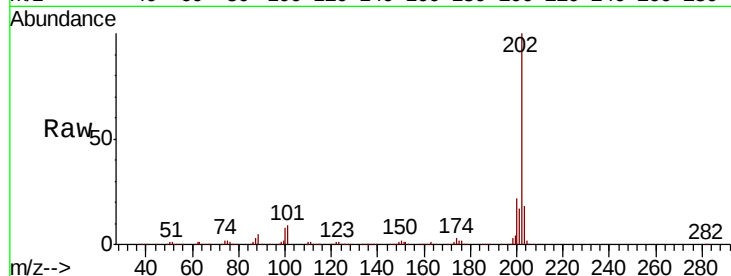
Instrument :

BNA_F

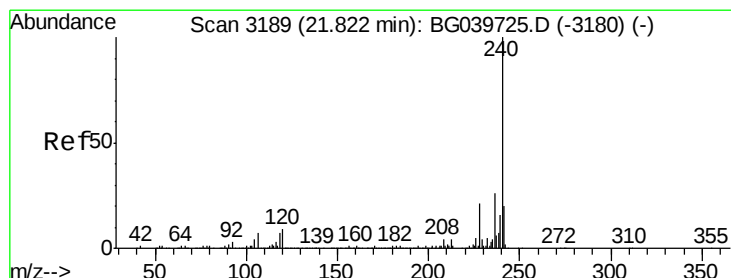
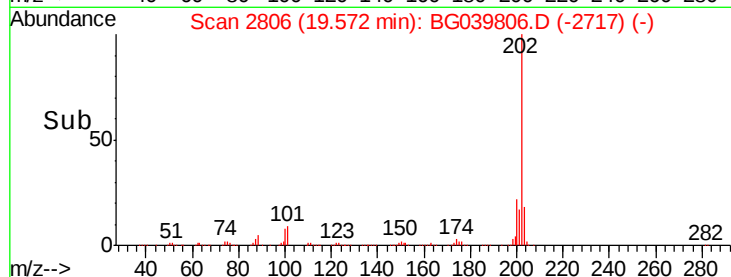
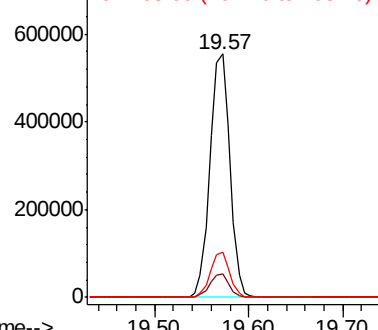
ClientSampleId :

PB117706BS

Tgt Ion:	202	Resp:	815727
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.0
203	18.5	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

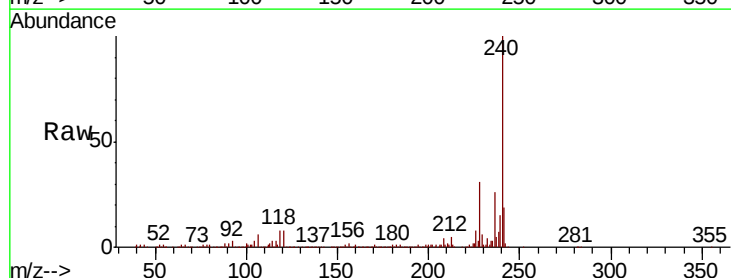
RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

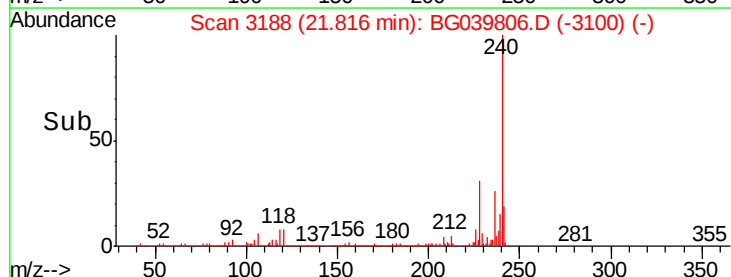
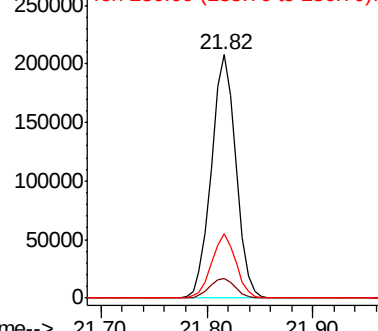
Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Tgt Ion:	240	Resp:	332785
Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	26.3	21.0	31.4



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





#77

Benzidine

Concen: 18.323 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

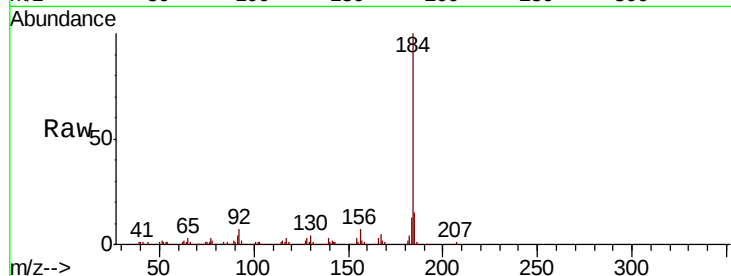
Tgt Ion:184 Resp: 193495

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

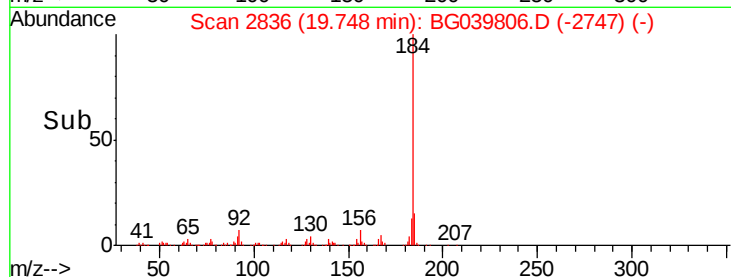
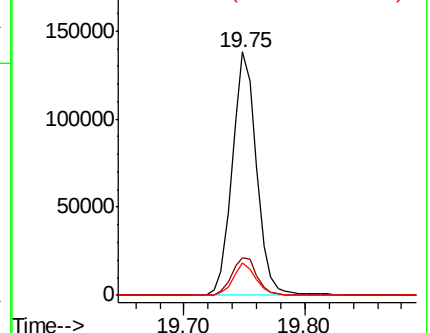
183 13.3 10.6 15.8



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: 37.723 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

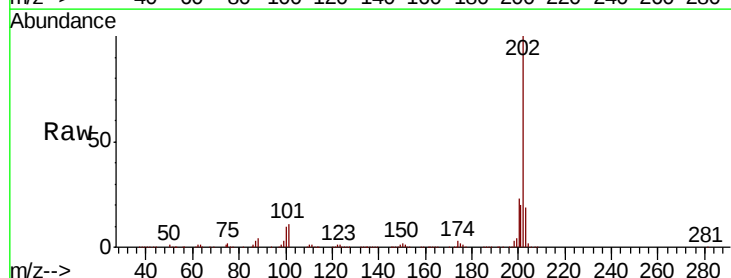
Tgt Ion:202 Resp: 815740

Ion Ratio Lower Upper

202 100

200 23.1 17.8 26.8

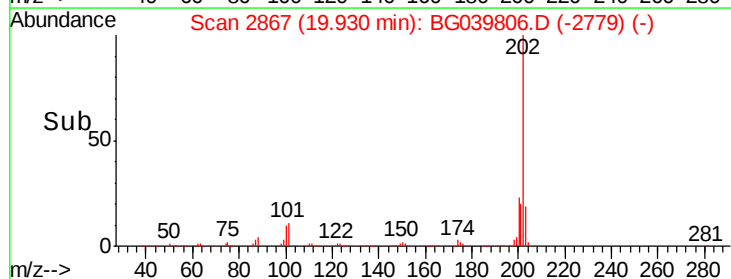
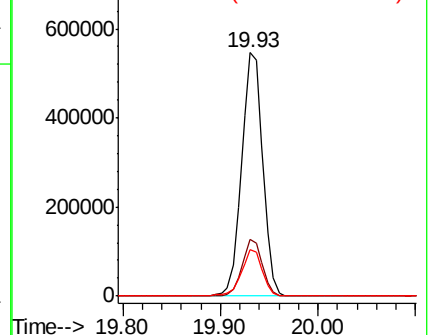
203 19.0 15.3 22.9

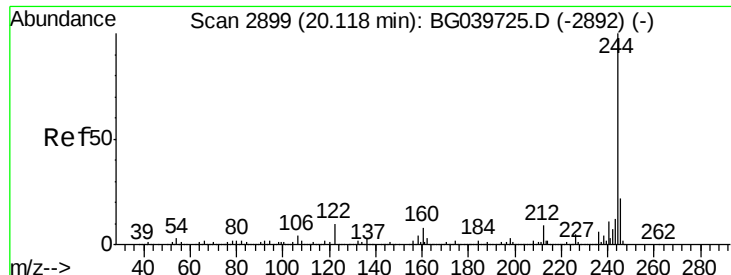


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.479 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

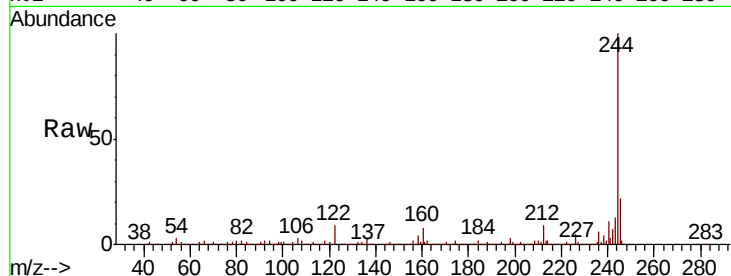
Tgt Ion:244 Resp: 1140800

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

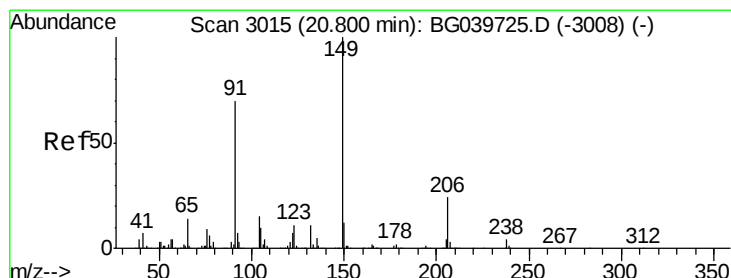
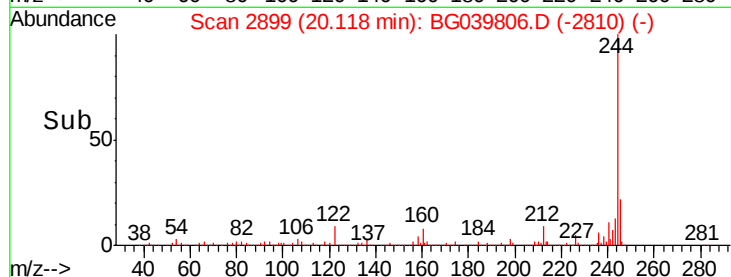
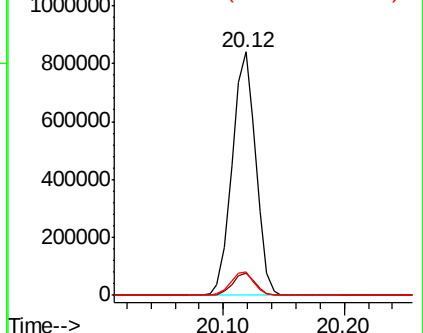
122 9.5 8.4 12.6



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: 40.539 ng

RT: 20.79 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

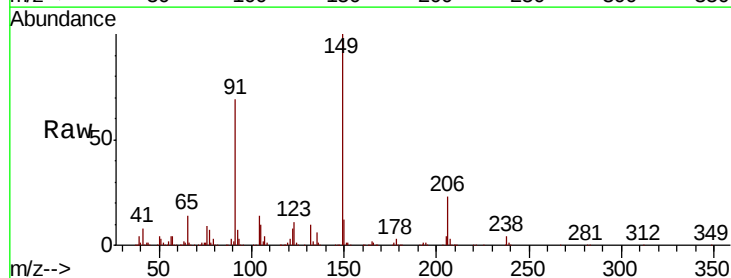
Tgt Ion:149 Resp: 339635

Ion Ratio Lower Upper

149 100

91 68.7 59.5 89.3

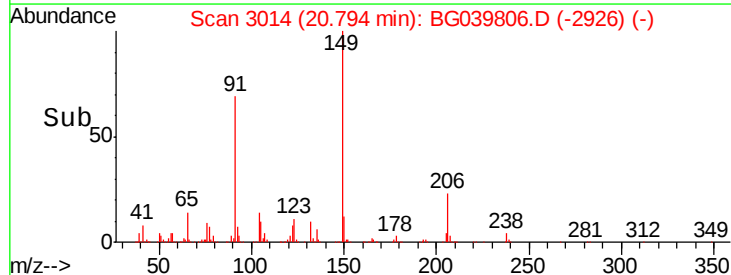
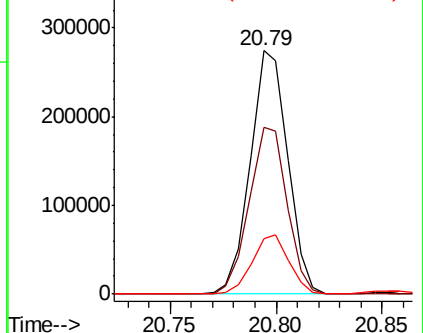
206 22.8 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.924 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

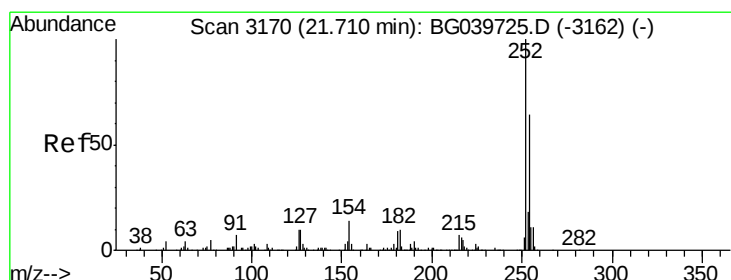
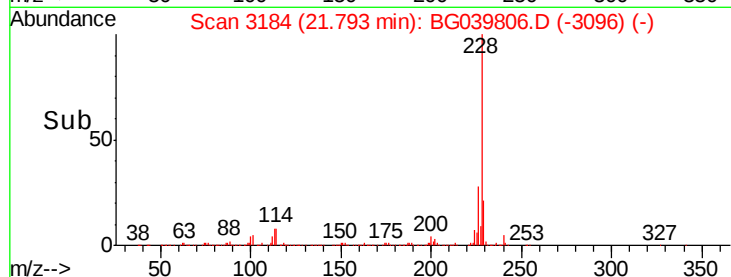
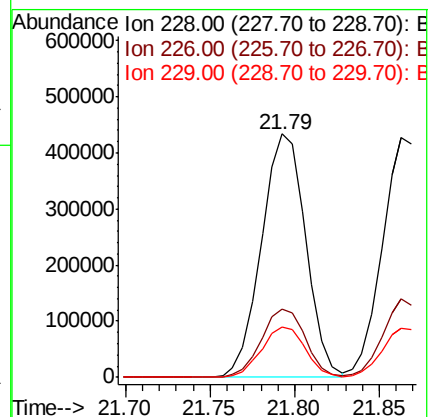
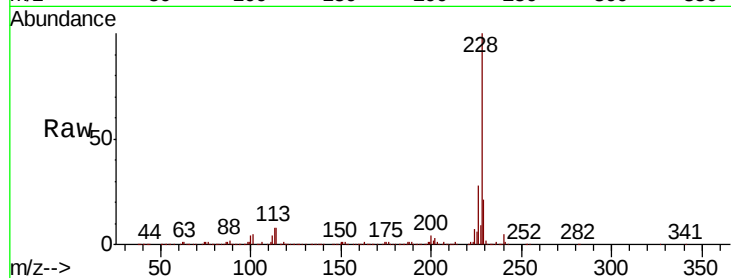
Tgt Ion:228 Resp: 790968

Ion Ratio Lower Upper

228 100

226 28.2 23.0 34.6

229 20.5 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 16.058 ng

RT: 21.70 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

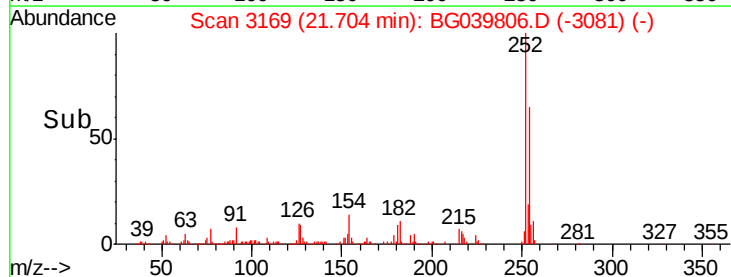
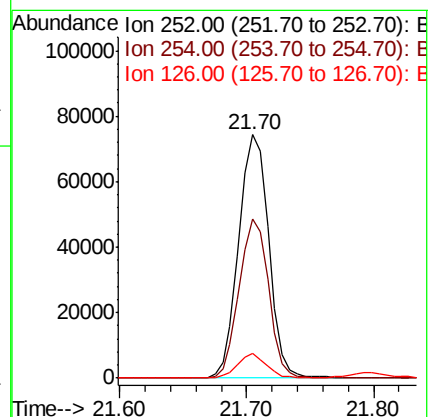
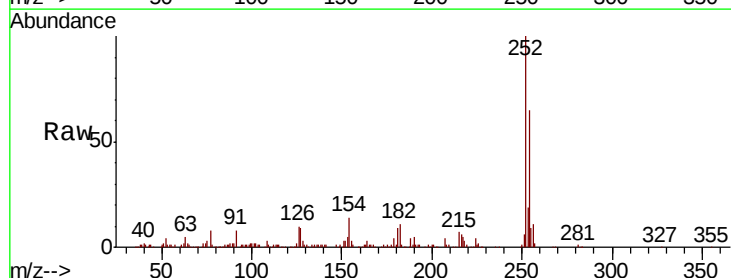
Tgt Ion:252 Resp: 122273

Ion Ratio Lower Upper

252 100

254 65.4 51.3 76.9

126 10.4 8.0 12.0





#83

Chrysene

Concen: 36.236 ng

RT: 21.86 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

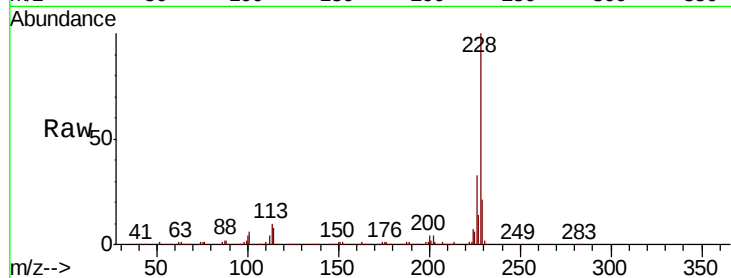
Tgt Ion:228 Resp: 732693

Ion Ratio Lower Upper

228 100

226 32.6 25.8 38.6

229 20.7 16.6 25.0

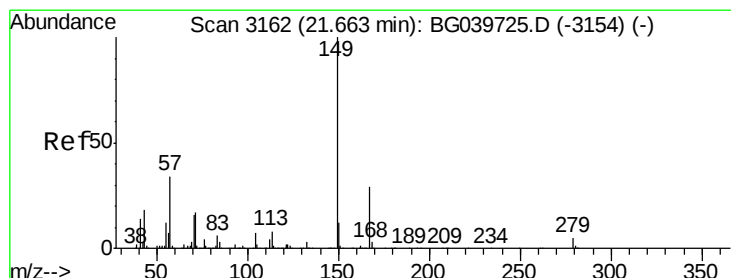
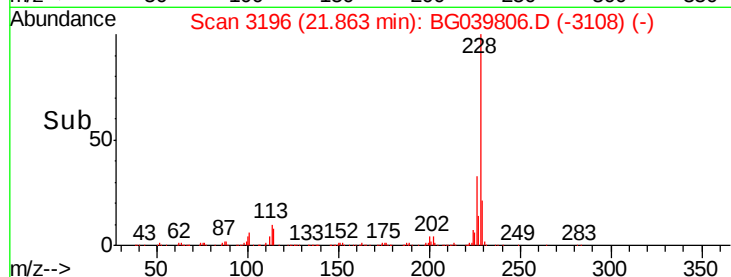
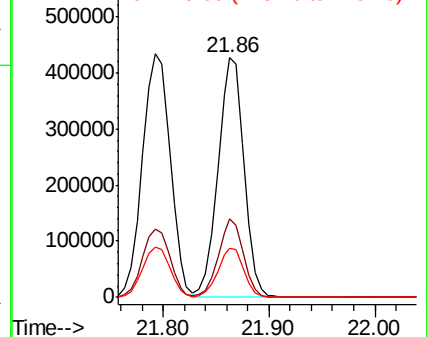


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.342 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

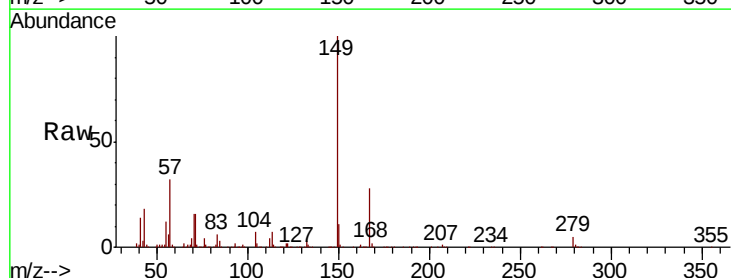
Tgt Ion:149 Resp: 474945

Ion Ratio Lower Upper

149 100

167 28.5 22.6 34.0

279 5.0 3.5 5.3

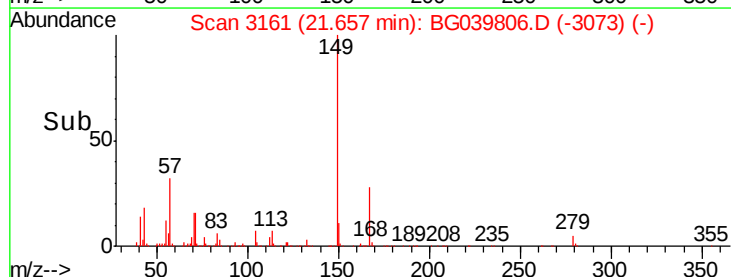
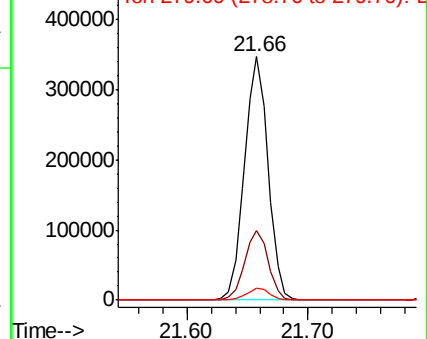


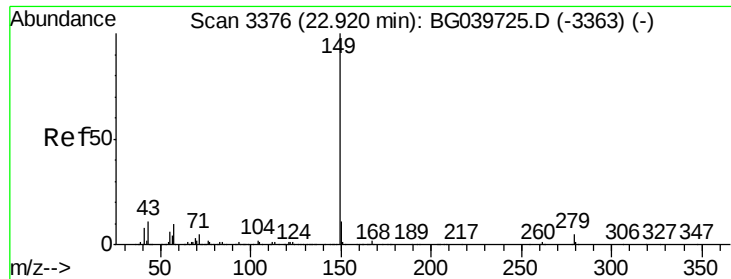
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

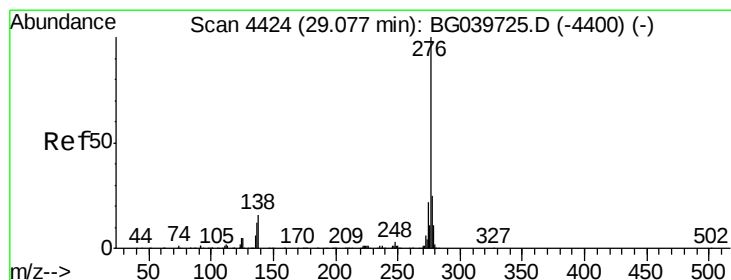
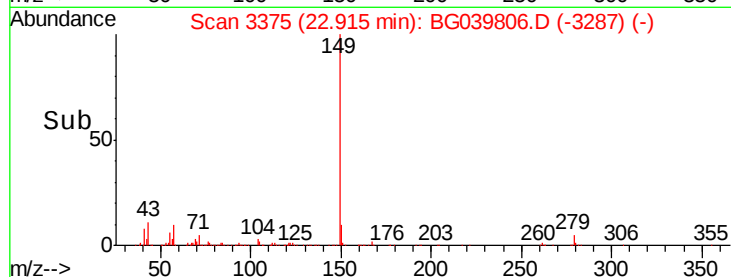
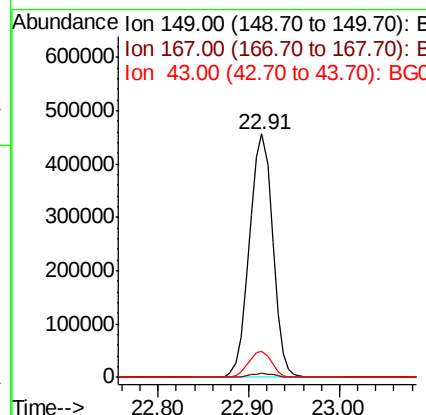
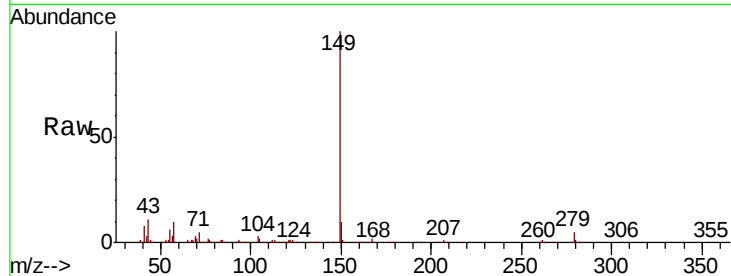




#85
 Di-n-octyl phthalate
 Concen: 41.752 ng
 RT: 22.91 min Scan# 3375
 Delta R.T. -0.01 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

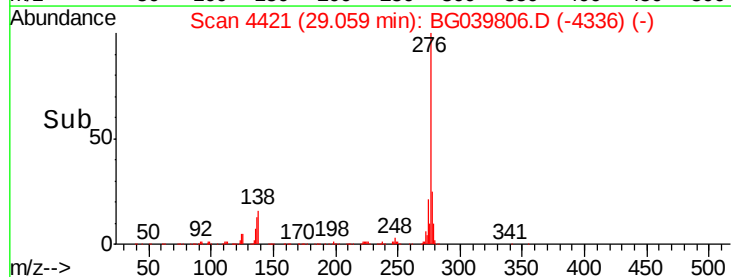
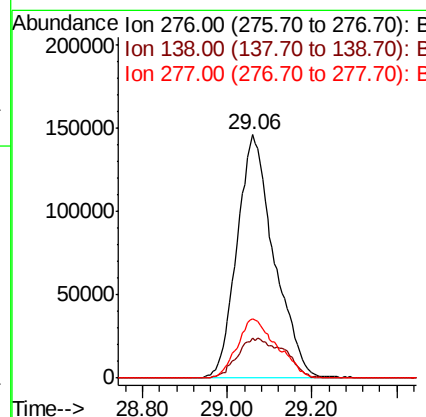
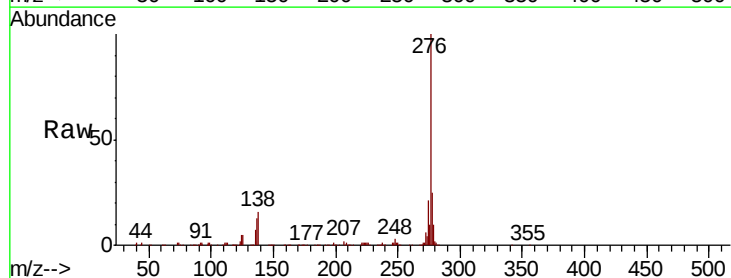
Instrument :
 BNA_F
 ClientSampleId :
 PB117706BS

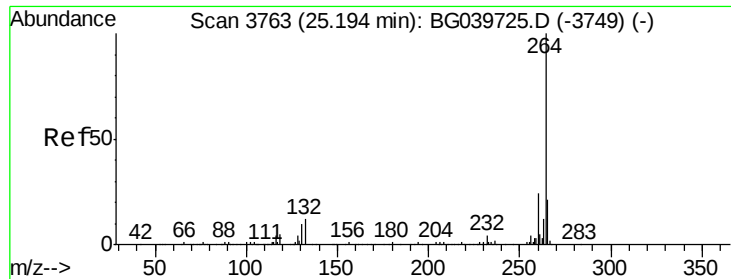
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.7	10.2	15.4



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 38.523 ng
 RT: 29.06 min Scan# 4421
 Delta R.T. -0.03 min
 Lab File: BG039806.D
 Acq: 7 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	12.6	19.0#
277	26.2	20.8	31.2

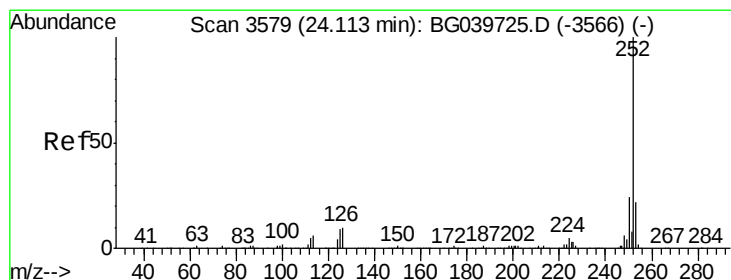
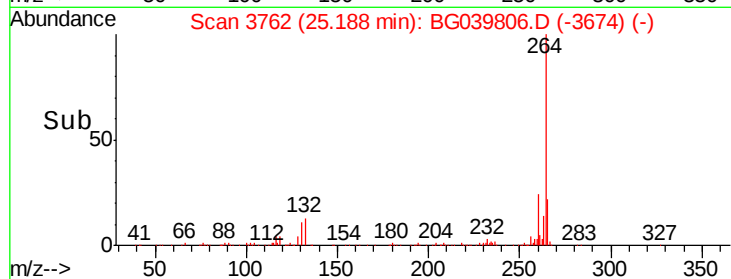
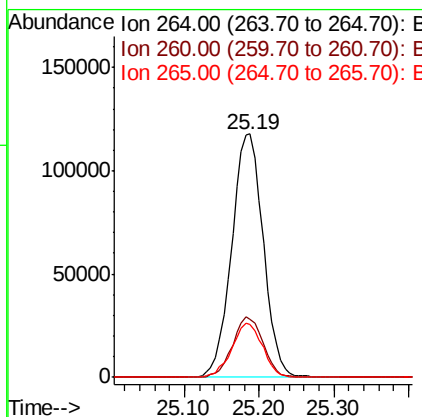
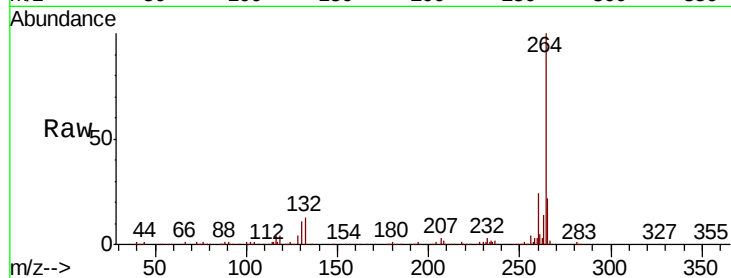




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

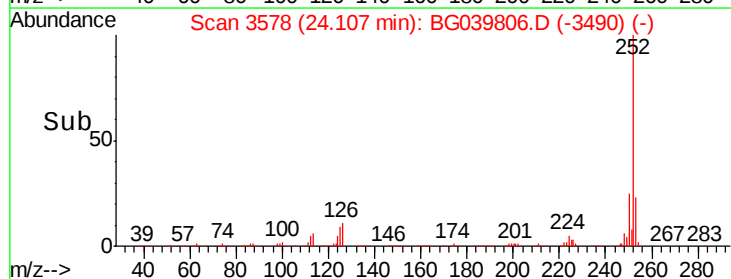
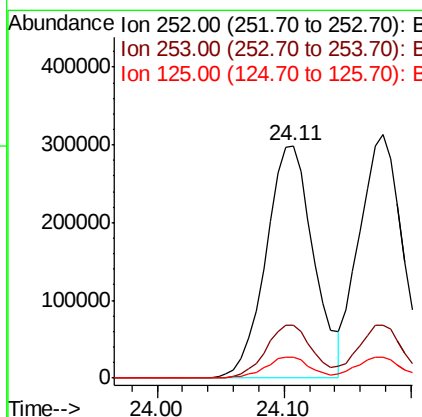
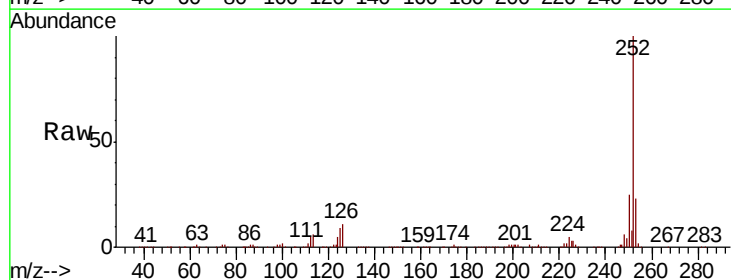
Instrument :
BNA_F
ClientSampleId :
PB117706BS

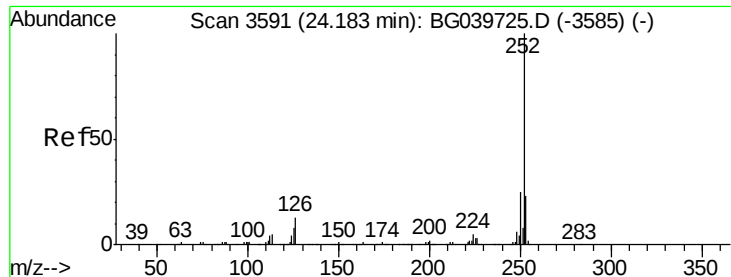
Tgt Ion:264 Resp: 345943
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.4
265 21.7 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 37.865 ng
RT: 24.11 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BG039806.D
Acq: 7 Mar 2019 17:29

Tgt Ion:252 Resp: 781122
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 8.8 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 38.312 ng

RT: 24.18 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

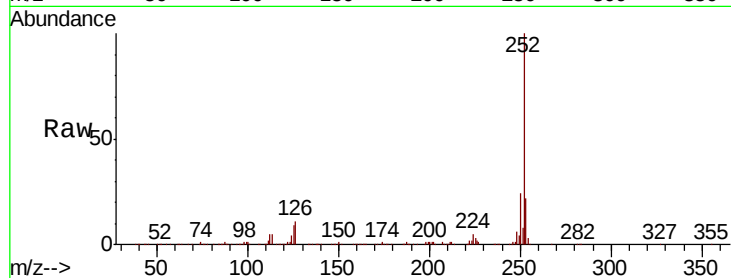
Tgt Ion:252 Resp: 735703

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

125 8.6 7.4 11.2

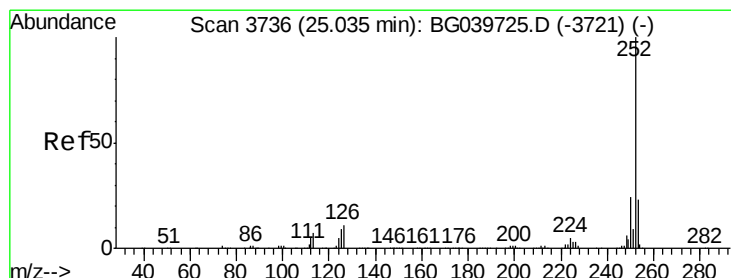
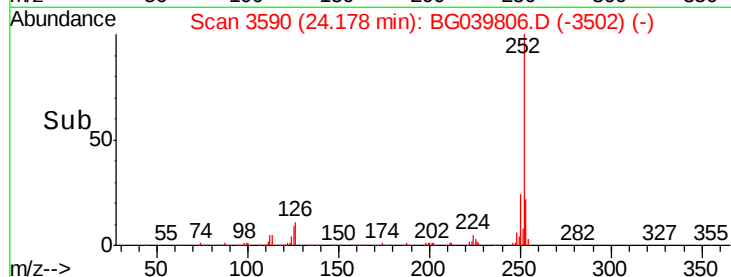
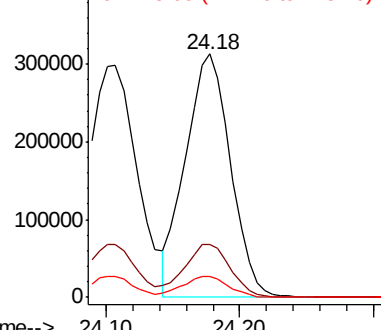


Abundance

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: 39.285 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

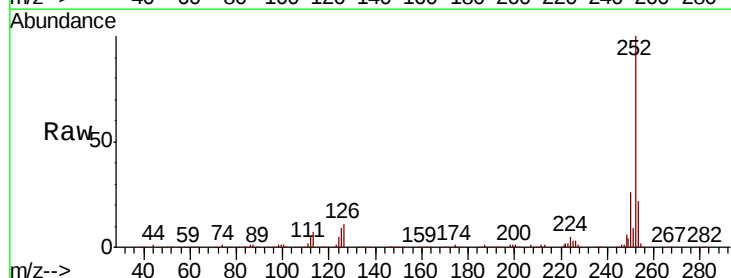
Tgt Ion:252 Resp: 748871

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 9.4 8.3 12.5

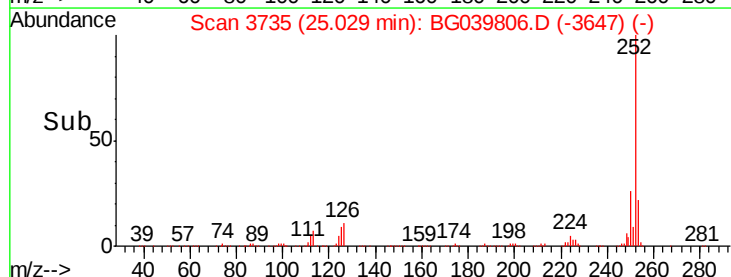
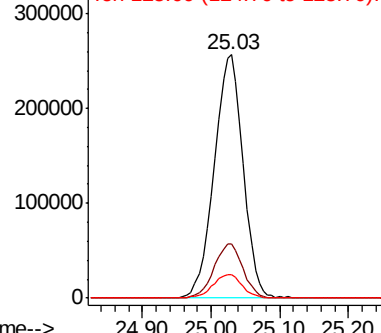


Abundance

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: 38.382 ng

RT: 29.14 min Scan# 4434

Delta R.T. -0.02 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB117706BS

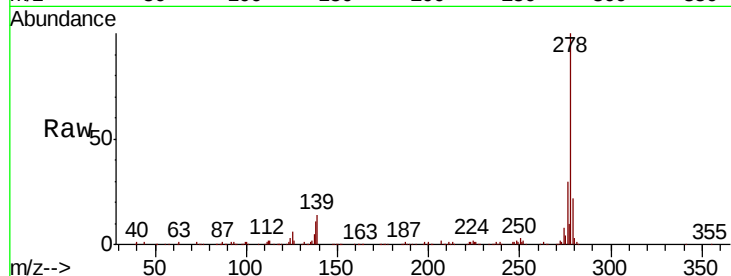
Tgt Ion:278 Resp: 717293

Ion Ratio Lower Upper

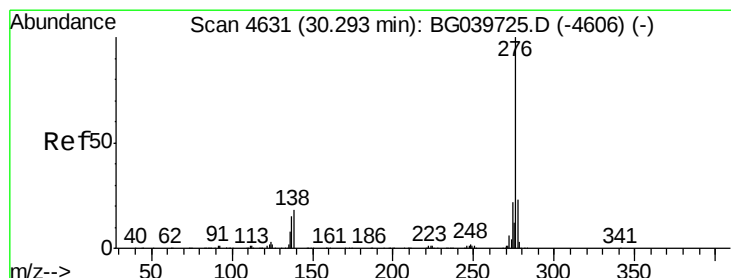
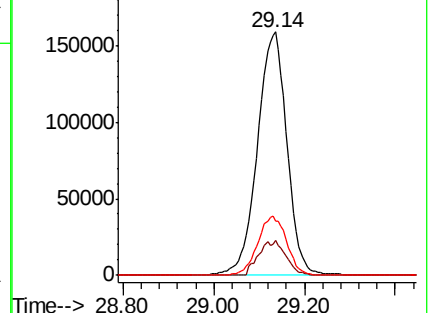
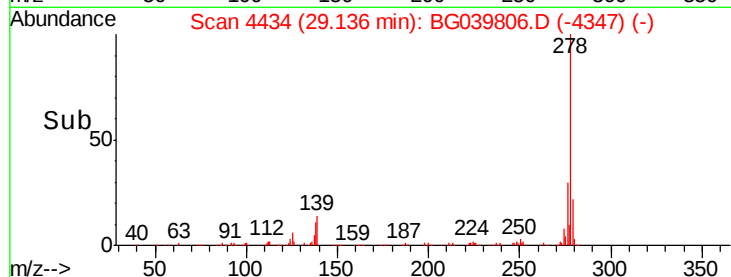
278 100

139 14.4 11.7 17.5

279 22.4 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.116 ng

RT: 30.29 min Scan# 4630

Delta R.T. -0.02 min

Lab File: BG039806.D

Acq: 7 Mar 2019 17:29

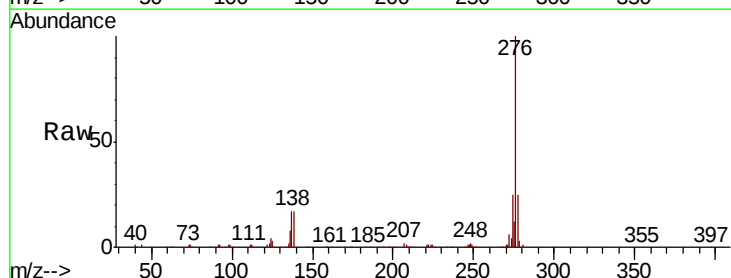
Tgt Ion:276 Resp: 734174

Ion Ratio Lower Upper

276 100

277 24.7 19.6 29.4

138 16.6 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

