

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039957.D
 Acq On : 16 Mar 2019 1:54
 Operator : JU/SJ
 Sample : PB117975BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Quant Time: Mar 16 04:12:20 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	46458	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	202723	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	133724	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	300662	20.00	ng	0.00
76) Chrysene-d12	21.81	240	294631	20.00	ng	-0.02
87) Perylene-d12	25.17	264	300759	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	344827	126.63	ng	-0.02
7) Phenol-d6	7.30	99	495001	121.91	ng	-0.02
23) Nitrobenzene-d5	9.33	82	303430	80.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	184010	118.06	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	721210	76.79	ng	-0.02
79) Terphenyl-d14	20.12	244	1025765	76.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	32980	26.232	ng	98
3) Pyridine	3.98	79	98654	29.311	ng	99
4) n-Nitrosodimethylamine	3.90	42	59802	37.453	ng	# 92
6) Aniline	7.47	93	130548	24.540	ng	99
8) 2-Chlorophenol	7.71	128	121874	36.890	ng	97
9) Benzaldehyde	7.29	77	58122	22.190	ng	97
10) Phenol	7.33	94	166822	37.925	ng	99
11) bis(2-Chloroethyl)ether	7.57	93	117545	34.274	ng	97
12) 1,3-Dichlorobenzene	8.03	146	127184	34.039	ng	98
13) 1,4-Dichlorobenzene	8.18	146	132471	34.806	ng	98
14) 1,2-Dichlorobenzene	8.50	146	127722	34.733	ng	97
15) Benzyl Alcohol	8.39	79	122682	38.089	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	247153	36.032	ng	99
17) 2-Methylphenol	8.58	107	107275	38.247	ng	99
18) Hexachloroethane	9.23	117	47998	35.147	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	99099	33.908	ng	98
20) 3+4-Methylphenols	8.91	107	150008	38.498	ng	98
22) Acetophenone	8.98	105	191701	35.233	ng	# 97
24) Nitrobenzene	9.37	77	150231	38.205	ng	95
25) Isophorone	9.88	82	289916	36.914	ng	99
26) 2-Nitrophenol	10.08	139	71414	37.615	ng	93
27) 2,4-Dimethylphenol	10.12	122	126656	42.894	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	175348	36.739	ng	97
29) 2,4-Dichlorophenol	10.61	162	137545	41.373	ng	93
30) 1,2,4-Trichlorobenzene	10.83	180	139701	37.344	ng	98
31) Naphthalene	11.02	128	392715	36.588	ng	99
32) Benzoic acid	10.26	122	71082	36.839	ng	97
33) 4-Chloroaniline	11.13	127	57417	12.615	ng	99
34) Hexachlorobutadiene	11.28	225	93624	36.624	ng	96
35) Caprolactam	11.91	113	28778	22.661	ng	# 86
36) 4-Chloro-3-methylphenol	12.24	107	146806	38.522	ng	99
37) 2-Methylnaphthalene	12.61	142	300331	37.427	ng	99
38) 1-Methylnaphthalene	12.83	142	284232	36.448	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	168857	37.273	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	234333	96.522	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	109969	41.463	ng	100
44) 2,4,5-Trichlorophenol	13.28	196	117941	39.451	ng	96
46) 1,1'-Biphenyl	13.61	154	400571	36.420	ng	100
47) 2-Chloronaphthalene	13.66	162	310885	37.573	ng	99
48) 2-Nitroaniline	13.87	65	104272	39.214	ng	99
49) Acenaphthylene	14.50	152	495750	36.498	ng	99
50) Dimethylphthalate	14.22	163	405286	36.245	ng	100
51) 2,6-Dinitrotoluene	14.36	165	90155	38.032	ng	98
52) Acenaphthene	14.84	154	298796	36.549	ng	98
53) 3-Nitroaniline	14.69	138	48158	20.210	ng	# 87
54) 2,4-Dinitrophenol	14.89	184	87282	59.806	ng	97
55) Dibenzofuran	15.17	168	487893	36.375	ng	98
56) 4-Nitrophenol	14.99	139	141211	66.246	ng	91
57) 2,4-Dinitrotoluene	15.14	165	125815	37.773	ng	93
58) Fluorene	15.82	166	381325	36.164	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	117665	40.301	ng	98
60) Diethylphthalate	15.57	149	407389	36.804	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	207035	36.795	ng	99
62) 4-Nitroaniline	15.86	138	90052	34.859	ng	98
63) Azobenzene	16.10	77	371942	37.068	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	71965	40.482	ng	96
66) n-Nitrosodiphenylamine	16.02	169	349863	40.195	ng	98
67) 4-Bromophenyl-phenylether	16.70	248	133484	39.663	ng	96
68) Hexachlorobenzene	16.81	284	134181	38.464	ng	96
69) Atrazine	16.96	200	121466	35.458	ng	97
70) Pentachlorophenol	17.17	266	159007	72.172	ng	98
71) Phenanthrene	17.57	178	623256	37.634	ng	99
72) Anthracene	17.65	178	622378	38.565	ng	99
73) Carbazole	17.92	167	531186	36.510	ng	98
74) Di-n-butylphthalate	18.45	149	647305	37.815	ng	99
75) Fluoranthene	19.56	202	722639	36.922	ng	98
77) Benzidine	19.74	184	207857	22.232	ng	99
78) Pyrene	19.93	202	723487	37.789	ng	100
80) Butylbenzylphthalate	20.79	149	301703	40.675	ng	95
81) Benzo(a)anthracene	21.79	228	708511	38.370	ng	100
82) 3,3'-Dichlorobenzidine	21.70	252	129389	19.193	ng	97
83) Chrysene	21.86	228	658485	36.783	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	421854	40.473	ng	97
85) Di-n-octyl phthalate	22.91	149	714248	41.385	ng	96
86) Indeno(1,2,3-cd)pyrene	29.05	276	775143	38.168	ng	# 96
88) Benzo(b)fluoranthene	24.10	252	683466	38.108	ng	99
89) Benzo(k)fluoranthene	24.17	252	650890	38.988	ng	98
90) Benzo(a)pyrene	25.01	252	667514	40.278	ng	99
91) Dibenzo(a,h)anthracene	29.11	278	626592	38.566	ng	99
92) Benzo(g,h,i)perylene	30.27	276	637018	39.039	ng	98

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

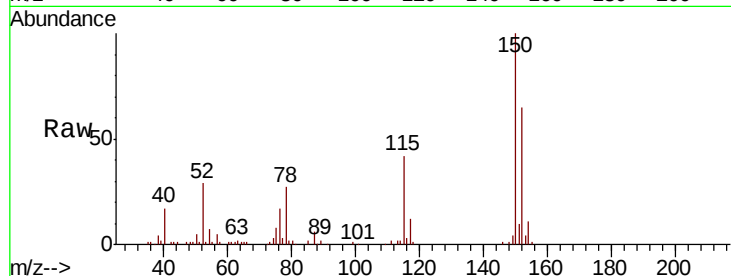


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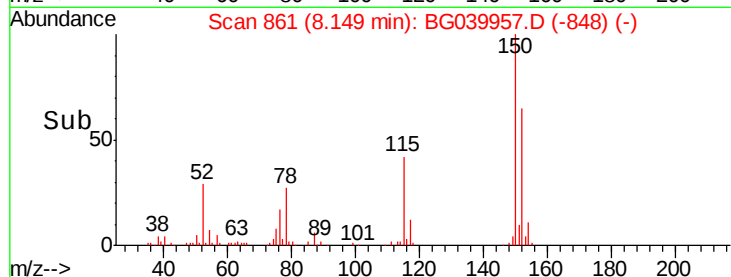
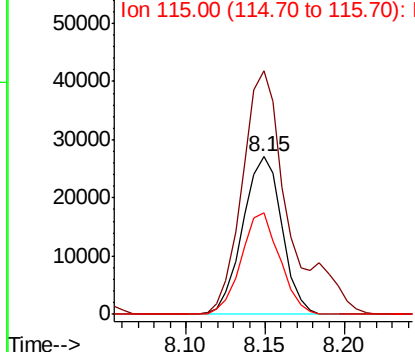
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tgt Ion:152 Resp: 46458
Ion Ratio Lower Upper
152 100
150 154.8 123.7 185.5
115 64.8 45.9 68.9



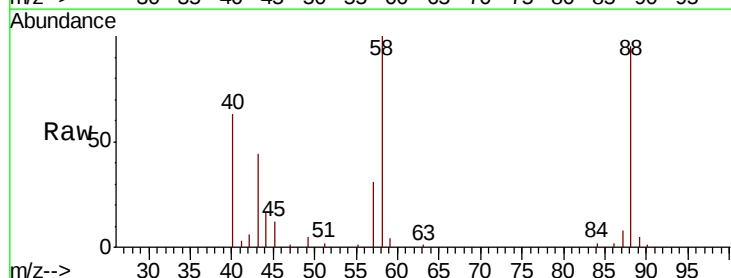
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



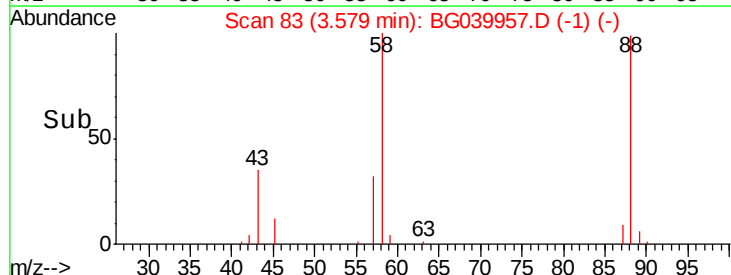
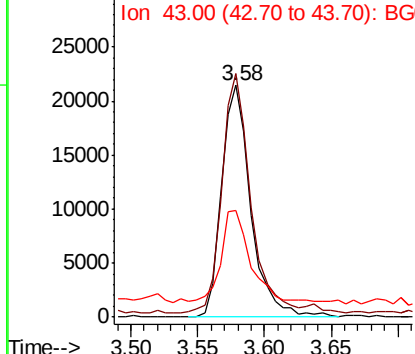
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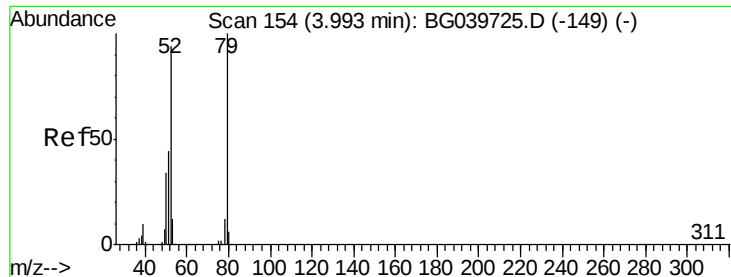
1,4-Dioxane
Concen: 26.232 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion: 88 Resp: 32980
Ion Ratio Lower Upper
88 100
58 103.2 81.1 121.7
43 38.4 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: 29.311 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

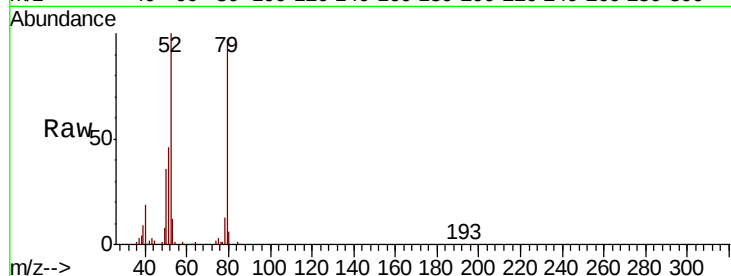
Tgt Ion: 79 Resp: 98654

Ion Ratio Lower Upper

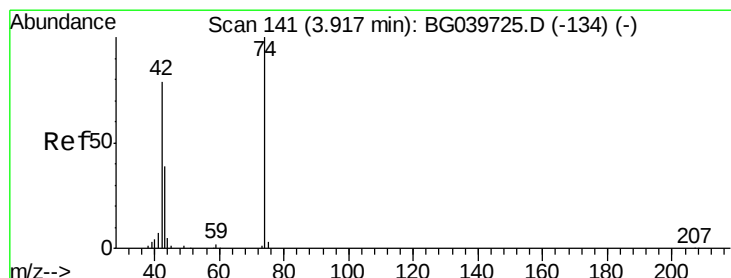
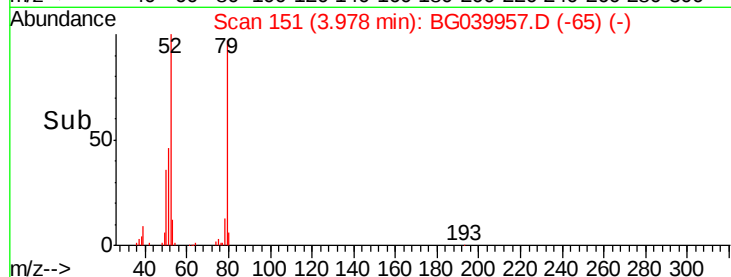
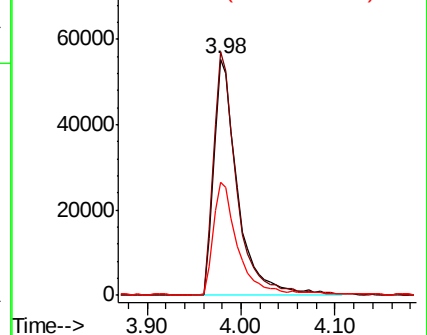
79 100

52 103.0 82.6 124.0

51 47.7 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.453 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

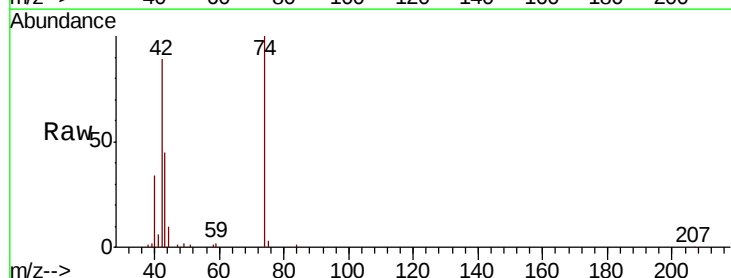
Tgt Ion: 42 Resp: 59802

Ion Ratio Lower Upper

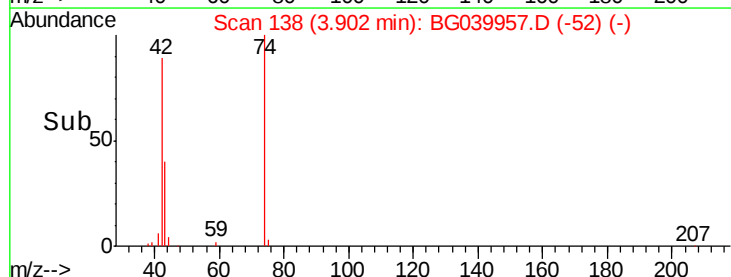
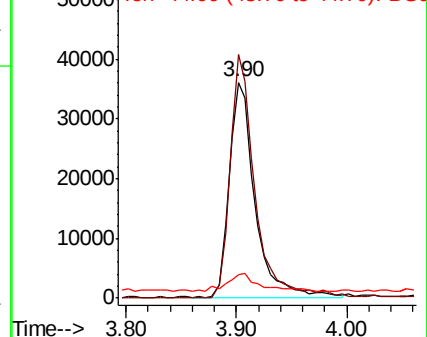
42 100

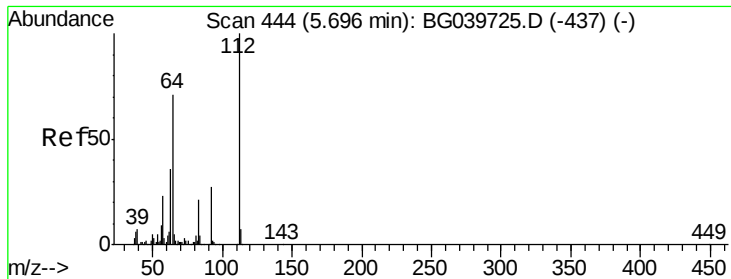
74 112.8 83.6 125.4

44 10.8 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 126.626 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

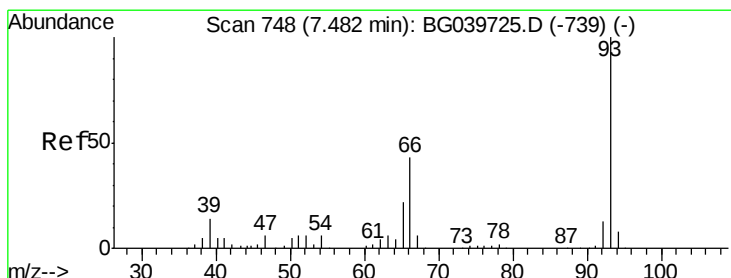
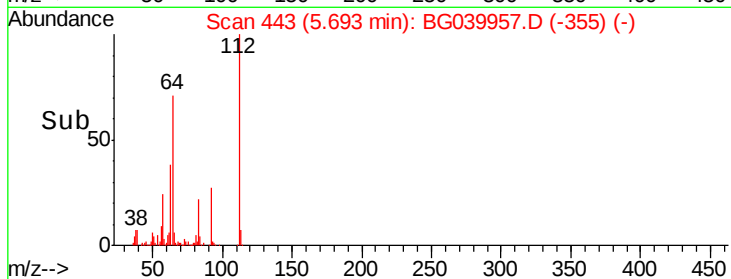
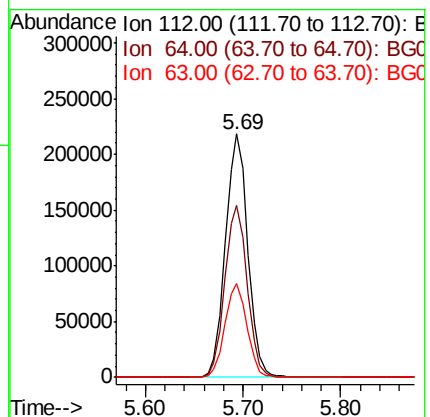
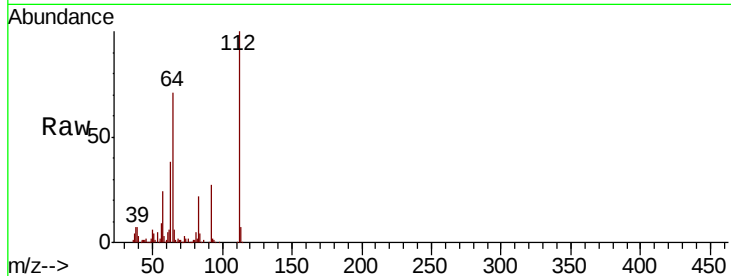
Tgt Ion: 112 Resp: 344827

Ion Ratio Lower Upper

112 100

64 70.8 57.8 86.8

63 38.3 29.8 44.6



#6

Aniline

Concen: 24.540 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

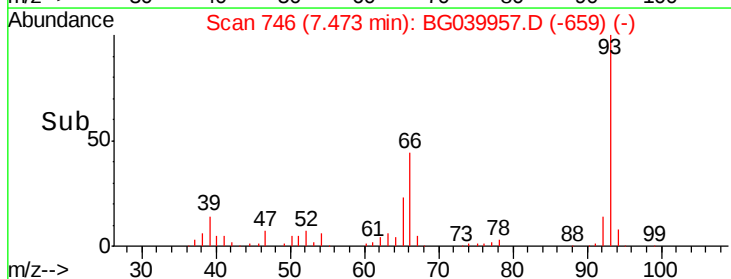
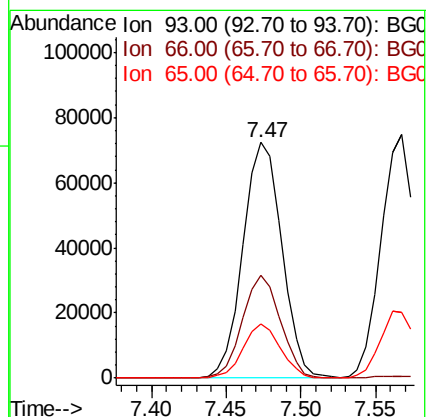
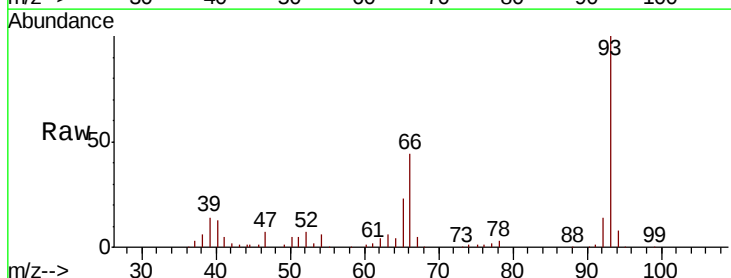
Tgt Ion: 93 Resp: 130548

Ion Ratio Lower Upper

93 100

66 43.7 34.2 51.4

65 22.8 17.7 26.5





#7

Phenol-d6

Concen: 121.908 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

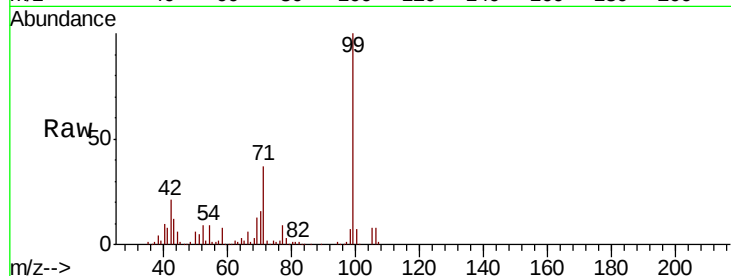
Tgt Ion: 99 Resp: 495001

Ion Ratio Lower Upper

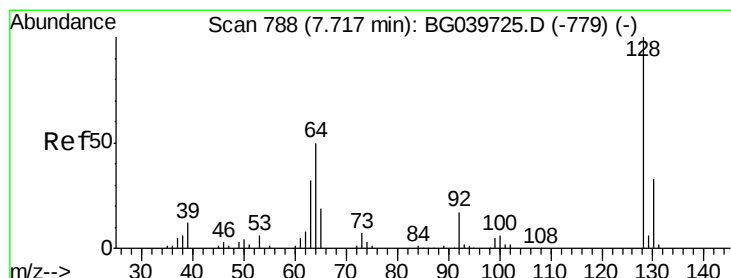
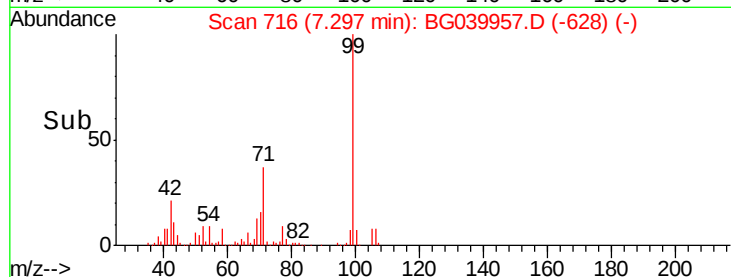
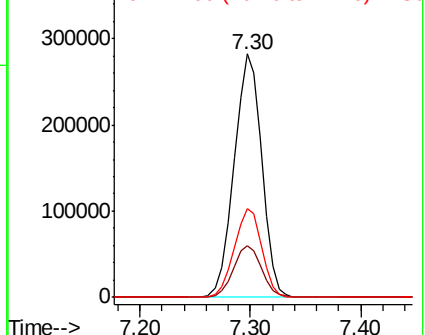
99 100

42 21.2 18.2 27.2

71 36.7 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: 36.890 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

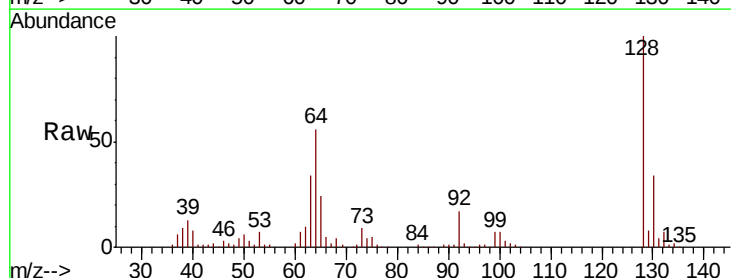
Tgt Ion: 128 Resp: 121874

Ion Ratio Lower Upper

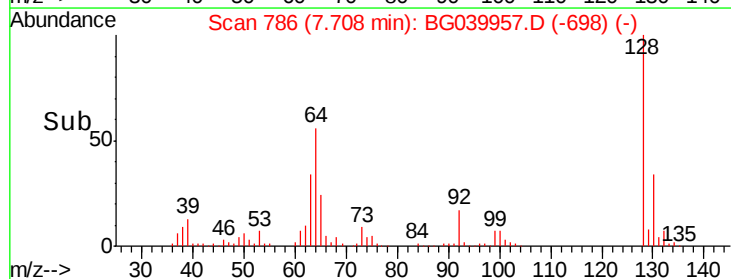
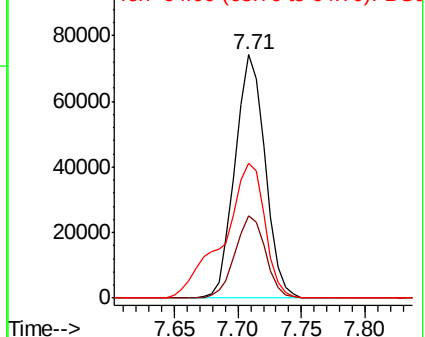
128 100

130 33.9 12.9 52.9

64 55.6 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

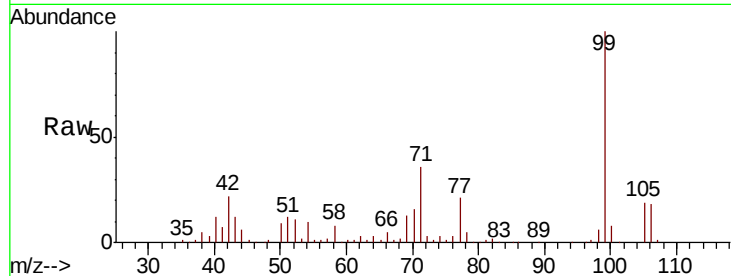




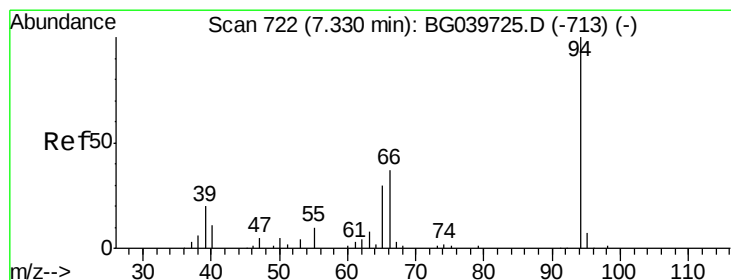
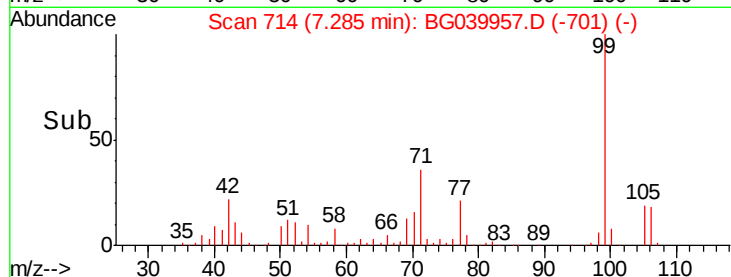
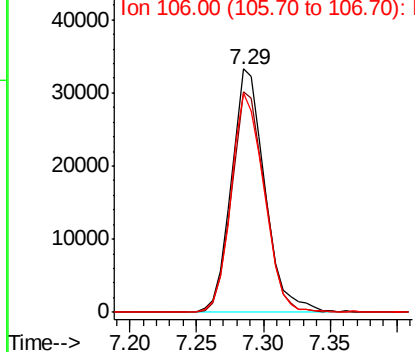
#9
Benzaldehyde
Concen: 22.190 ng
RT: 7.29 min Scan# 714
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tgt Ion: 77 Resp: 58122
Ion Ratio Lower Upper
77 100
105 90.5 74.5 114.5
106 89.9 68.0 108.0

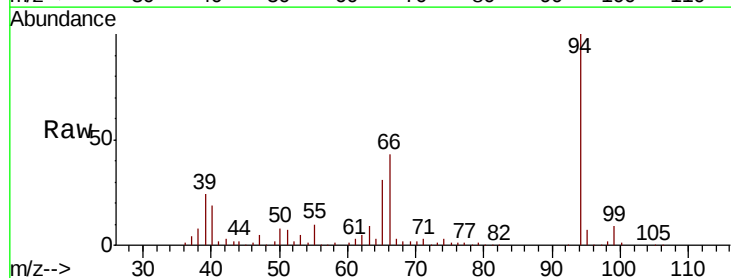


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

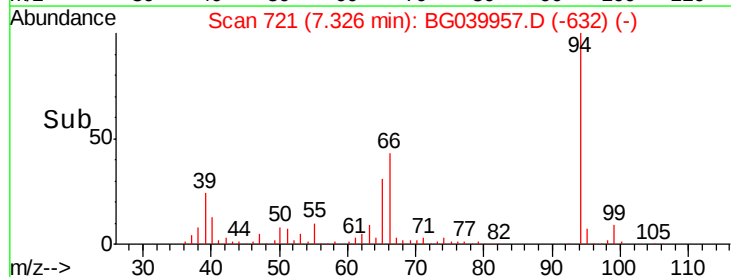
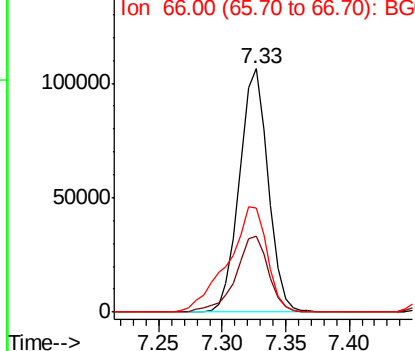


#10
Phenol
Concen: 37.925 ng
RT: 7.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion: 94 Resp: 166822
Ion Ratio Lower Upper
94 100
65 31.2 11.7 51.7
66 43.0 23.7 63.7



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

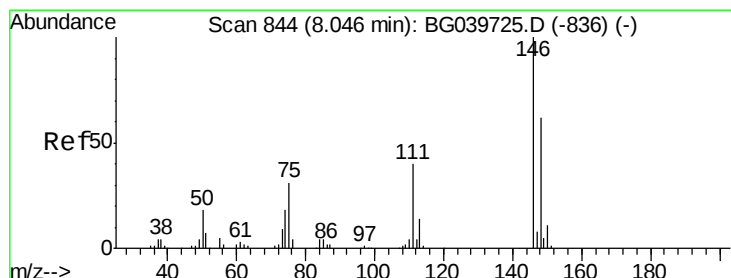
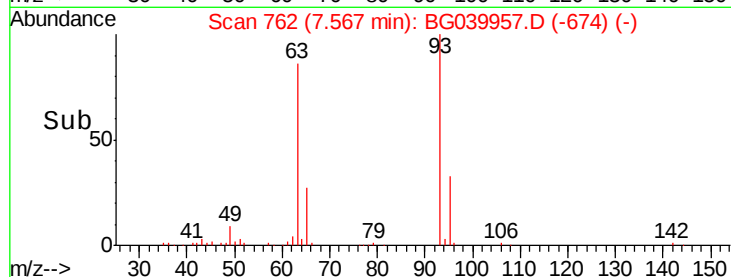
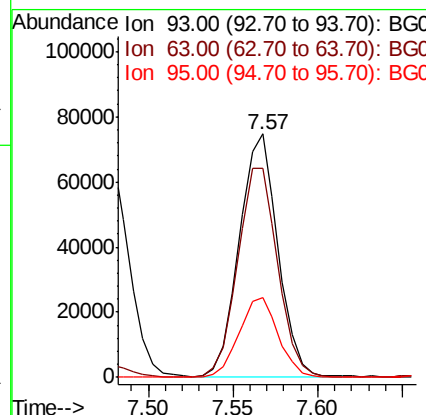
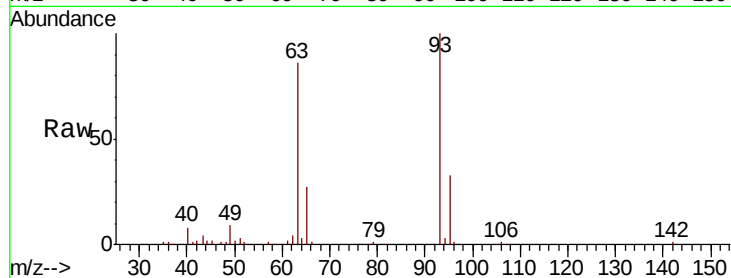




#11
bis(2-Chloroethyl)ether
Concen: 34.274 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

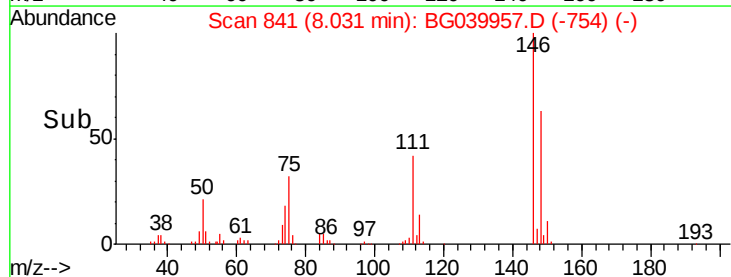
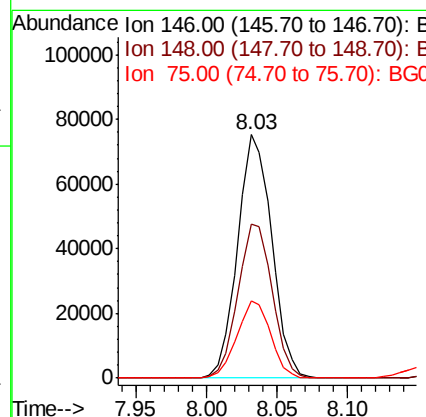
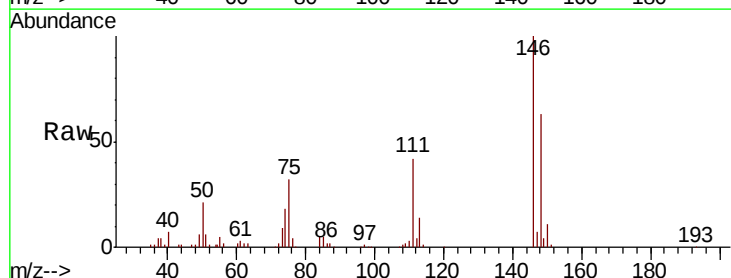
Instrument :
BNA_G
ClientSampleId :
PB117975BS

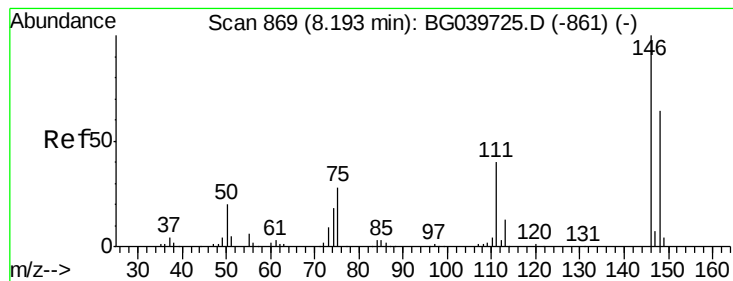
Tgt Ion: 93 Resp: 117545
Ion Ratio Lower Upper
93 100
63 85.9 69.5 109.5
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 34.039 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion: 146 Resp: 127184
Ion Ratio Lower Upper
146 100
148 63.2 52.6 79.0
75 31.8 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 34.806 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

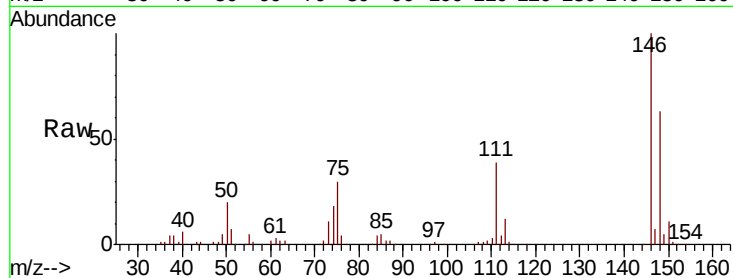
Tgt Ion:146 Resp: 132471

Ion Ratio Lower Upper

146 100

148 62.9 51.1 76.7

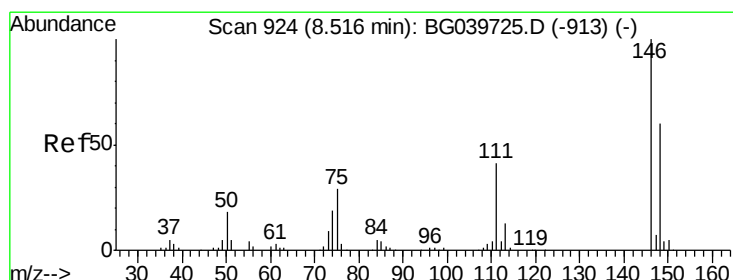
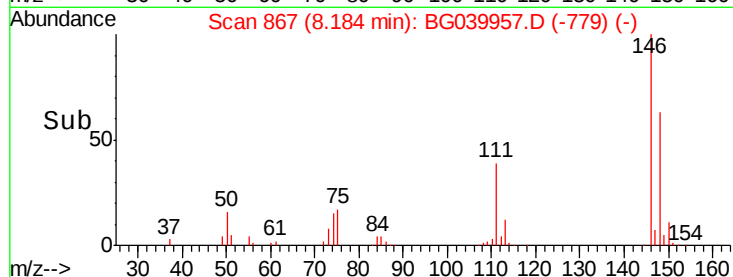
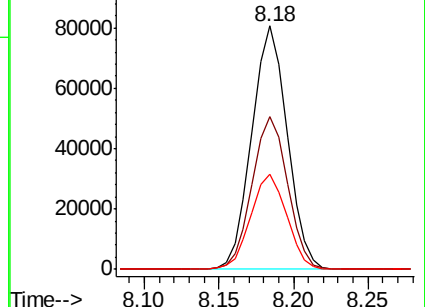
111 39.1 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.733 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

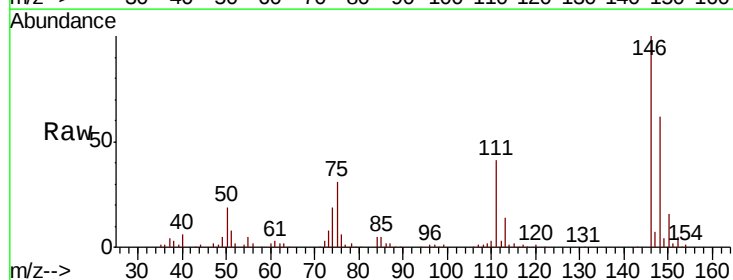
Tgt Ion:146 Resp: 127722

Ion Ratio Lower Upper

146 100

148 61.9 51.5 77.3

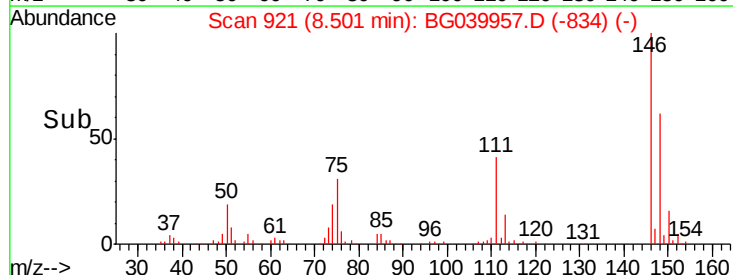
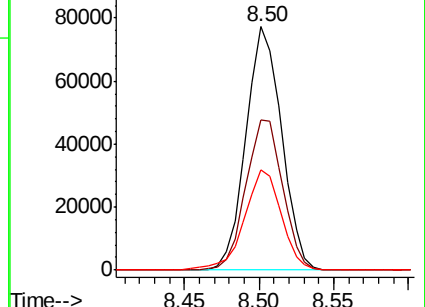
111 41.0 33.8 50.6

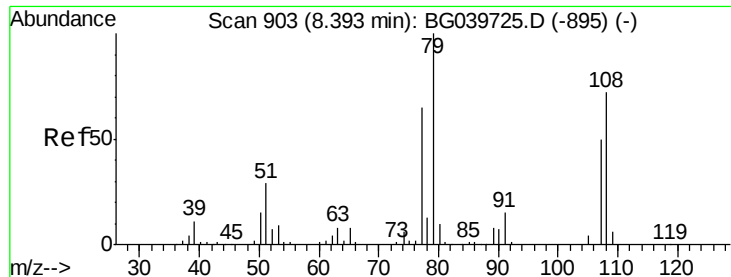


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.089 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

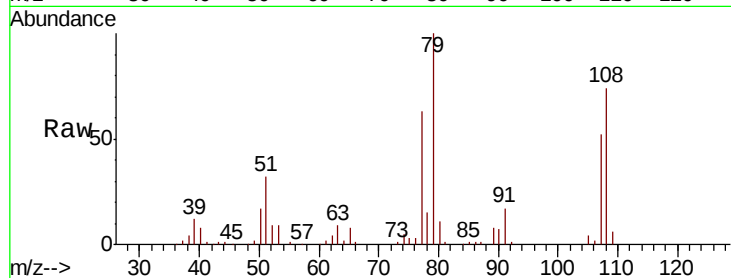
Tgt Ion: 79 Resp: 122682

Ion Ratio Lower Upper

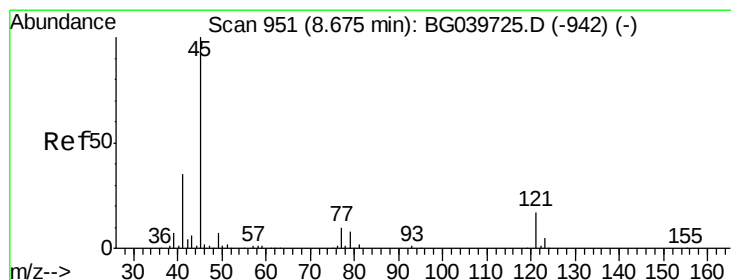
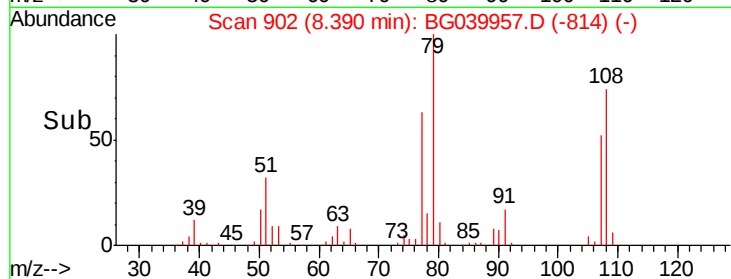
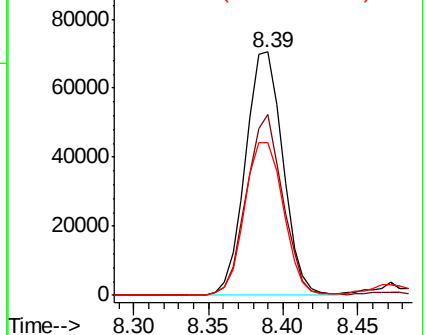
79 100

108 74.1 57.8 86.6

77 62.5 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.032 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

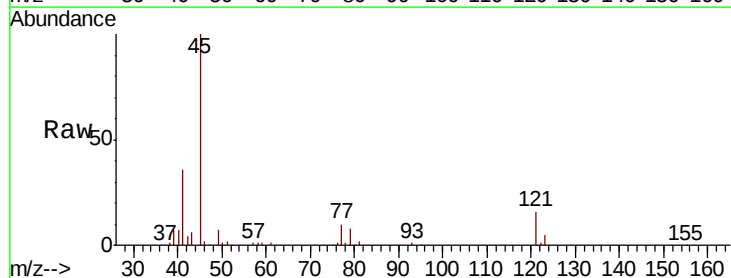
Tgt Ion: 45 Resp: 247153

Ion Ratio Lower Upper

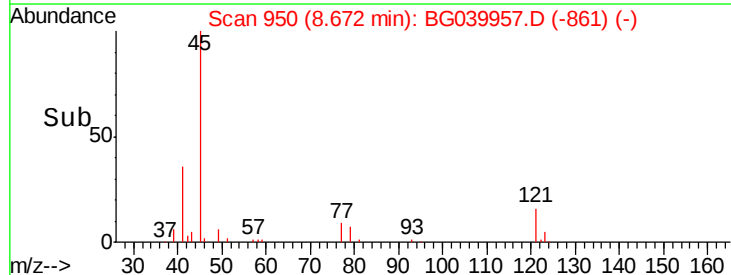
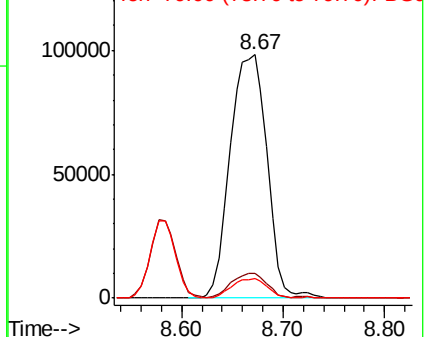
45 100

77 10.2 0.0 30.0

79 8.2 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

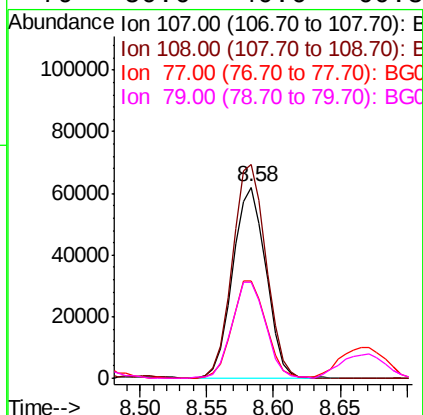
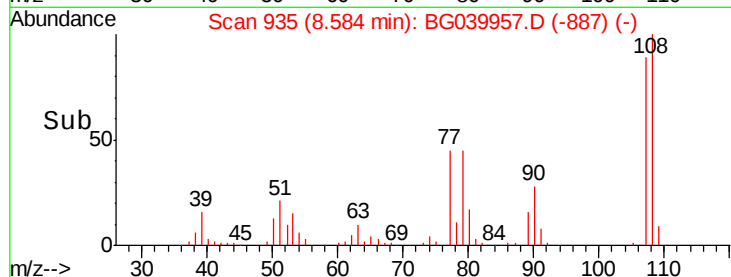
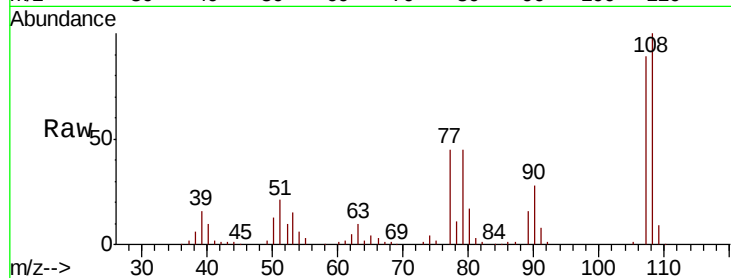




#17
2-Methylphenol
Concen: 38.247 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

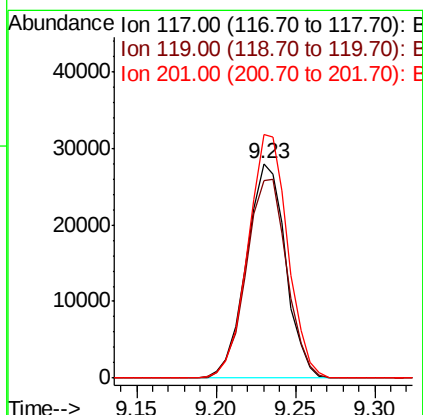
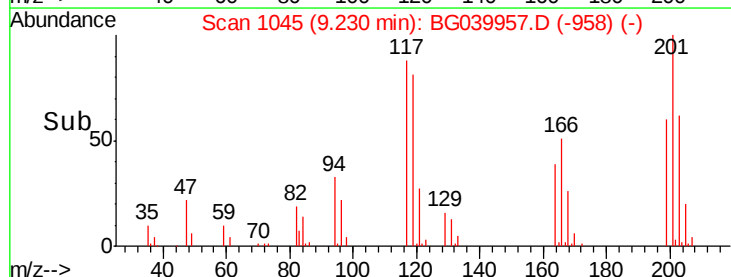
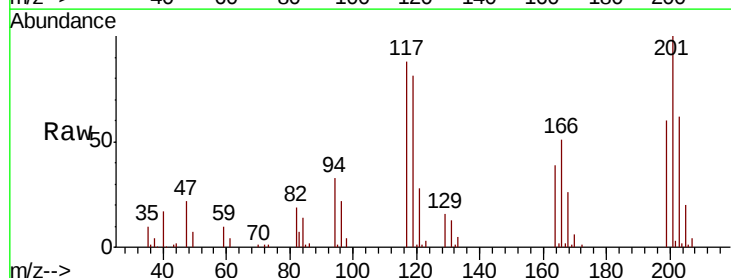
Instrument :
BNA_G
ClientSampleId :
PB117975BS

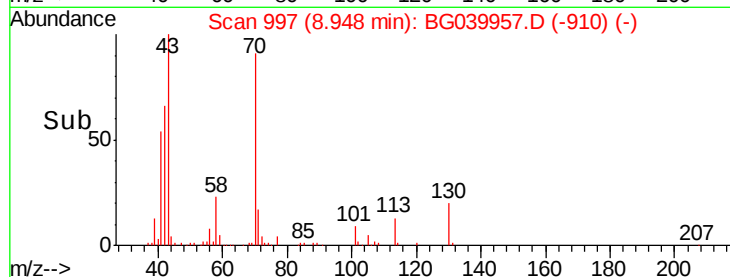
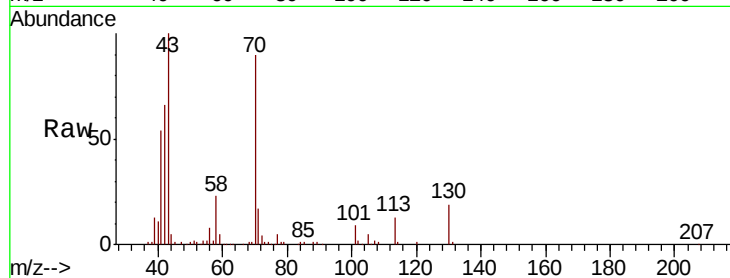
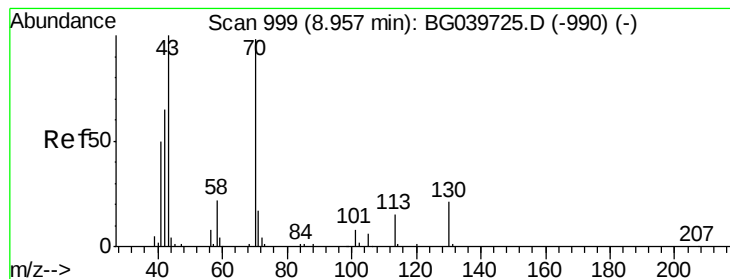
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.8	136.2
77	50.7	40.7	61.1
79	50.6	40.6	60.8



#18
Hexachloroethane
Concen: 35.147 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	76.3	114.5
201	113.5	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 33.908 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

Tgt Ion: 70 Resp: 99099

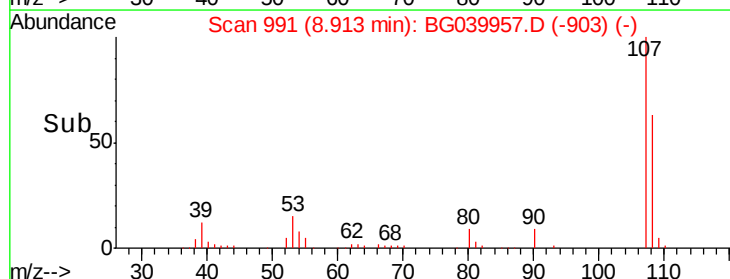
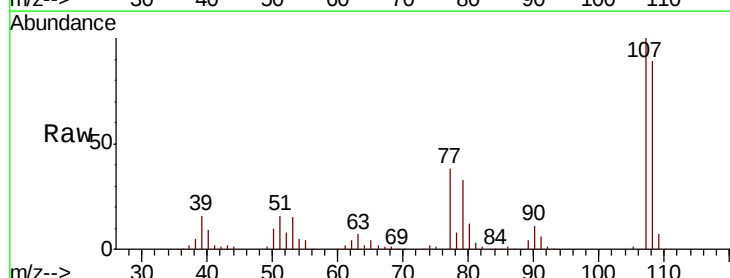
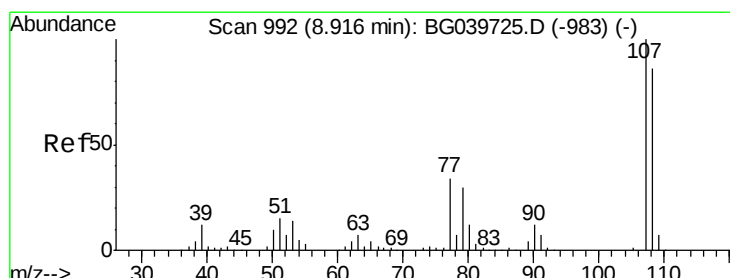
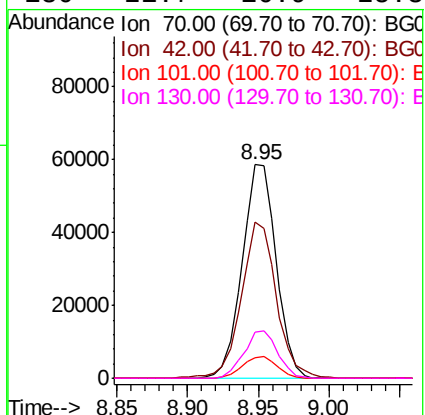
Ion Ratio Lower Upper

70 100

42 73.0 60.4 90.6

101 9.7 7.5 11.3

130 21.7 16.9 25.3



#20

3+4-Methylphenols

Concen: 38.498 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Tgt Ion: 107 Resp: 150008

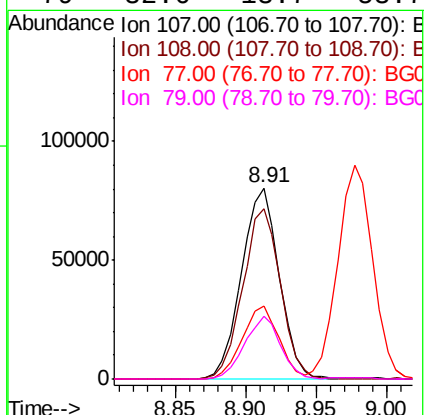
Ion Ratio Lower Upper

107 100

108 88.7 67.9 107.9

77 38.0 15.4 55.4

79 32.6 13.7 53.7

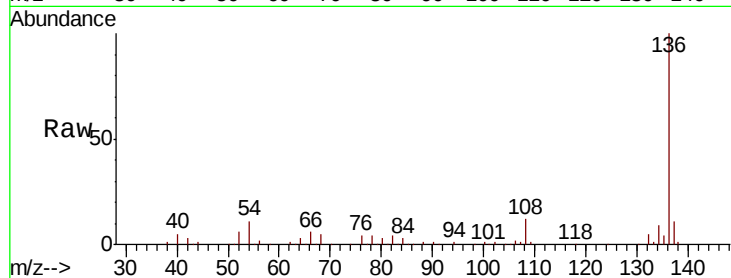




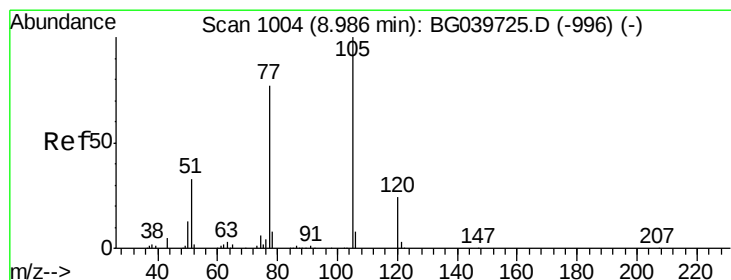
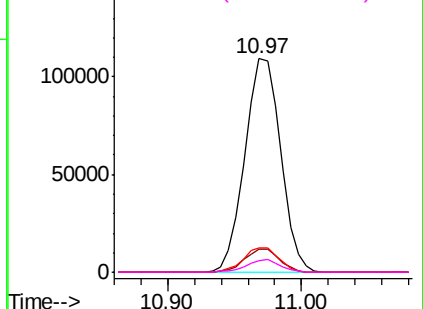
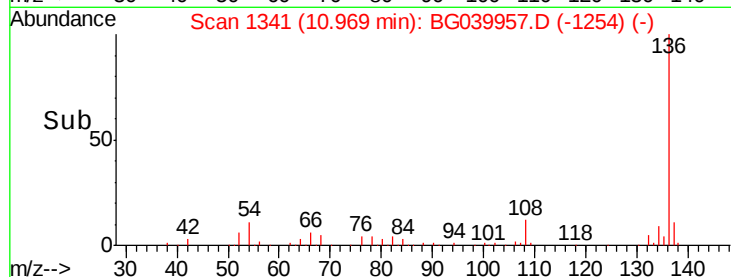
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tgt Ion:	136	Resp:	202723
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	11.2	9.4	14.2
68	5.3	4.2	6.4

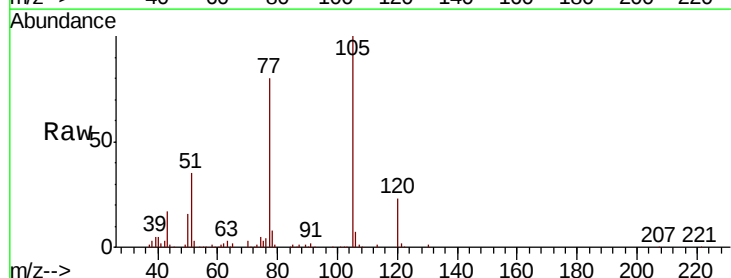


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

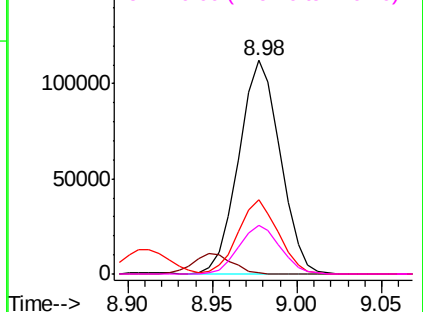
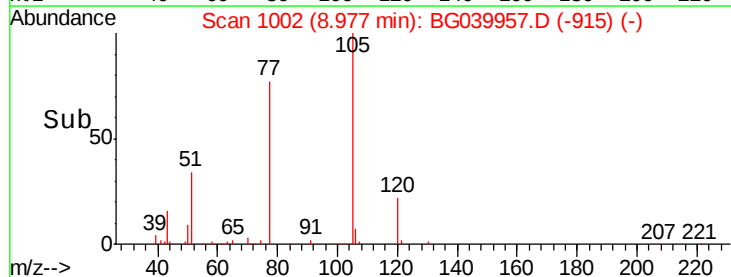


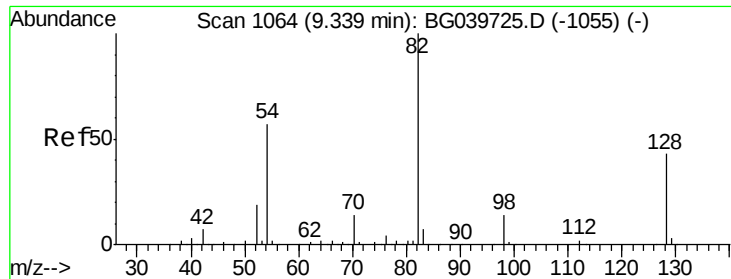
#22
Acetophenone
Concen: 35.233 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion:	105	Resp:	191701
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	34.9	30.2	45.2
120	22.7	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

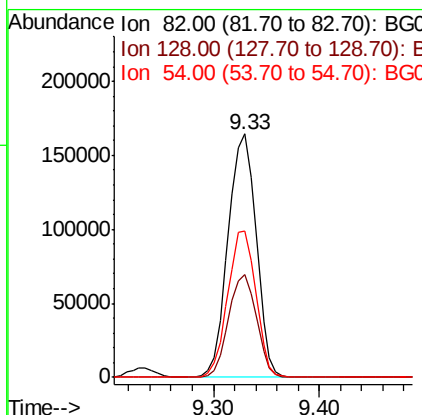
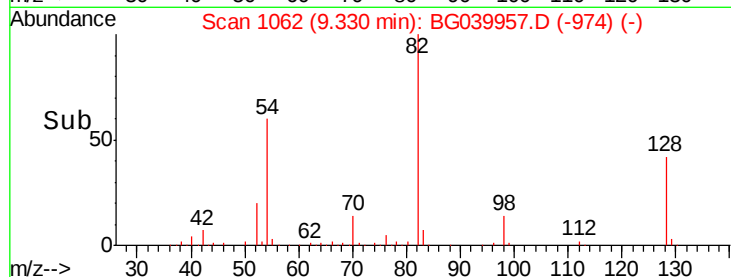
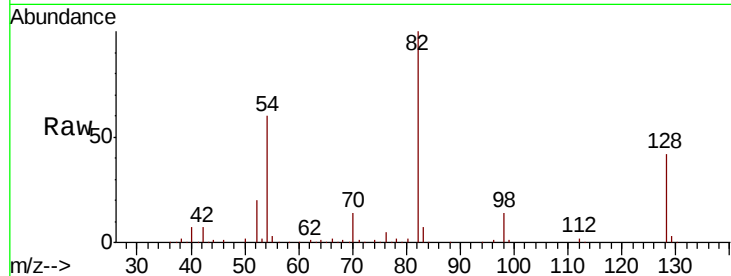




#23
 Nitrobenzene-d5
 Concen: 80.951 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

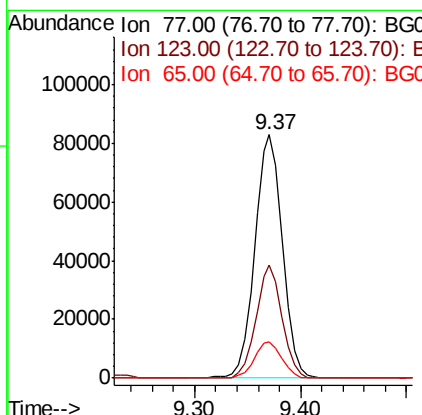
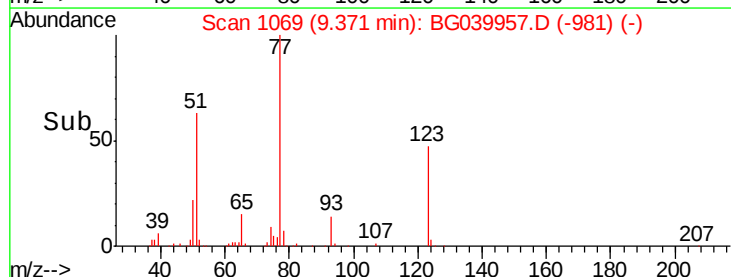
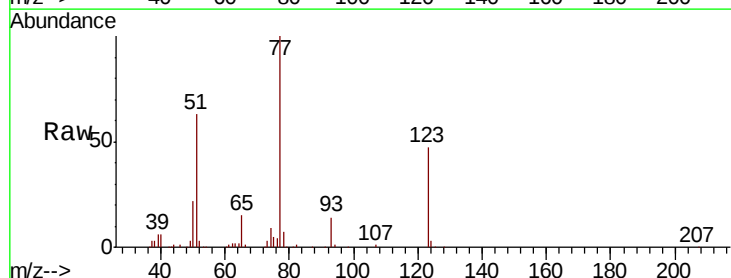
Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tgt Ion: 82 Resp: 303430
 Ion Ratio Lower Upper
 82 100
 128 42.0 31.3 46.9
 54 60.1 50.9 76.3



#24
 Nitrobenzene
 Concen: 38.205 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion: 77 Resp: 150231
 Ion Ratio Lower Upper
 77 100
 123 46.6 34.1 51.1
 65 14.7 12.3 18.5

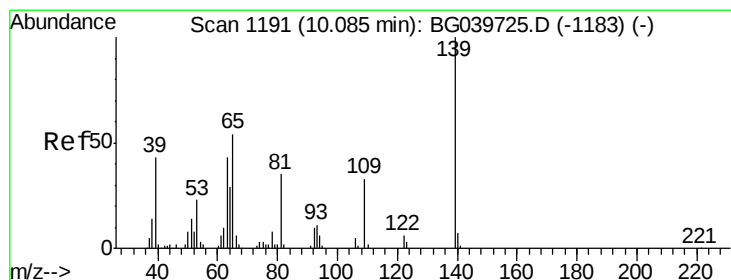
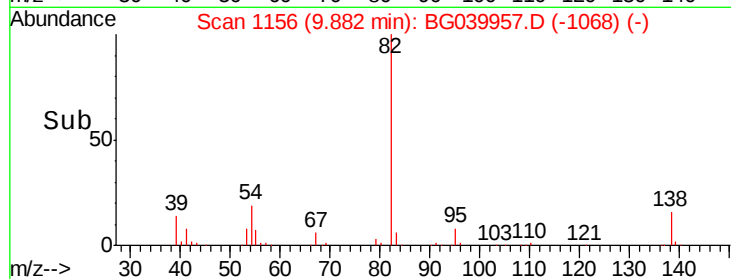
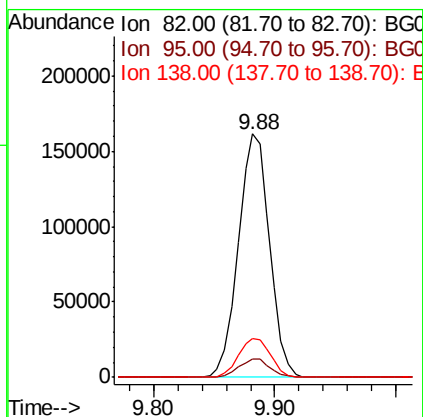
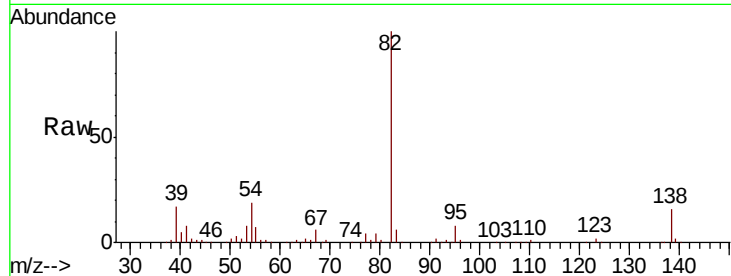




#25
Isophorone
Concen: 36.914 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

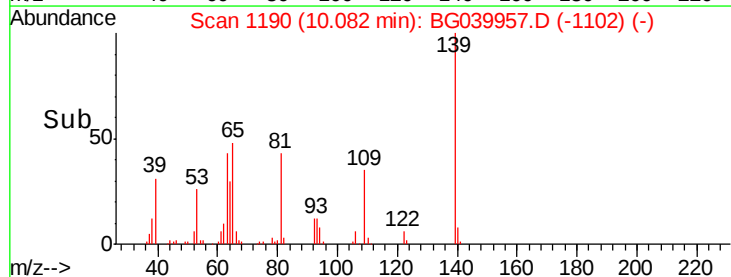
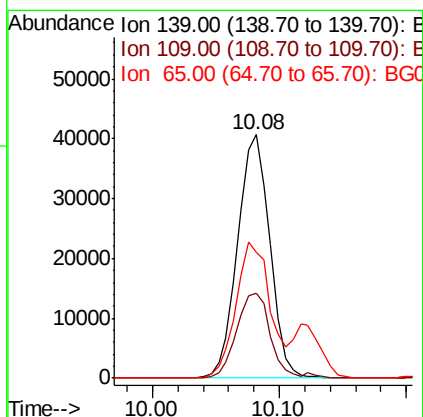
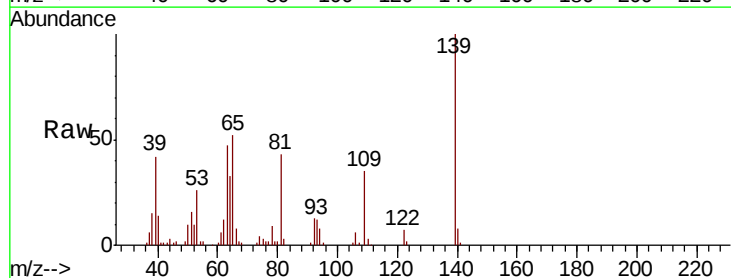
Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tgt Ion: 82 Resp: 289916
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 15.9 13.0 19.4



#26
2-Nitrophenol
Concen: 37.615 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion: 139 Resp: 71414
Ion Ratio Lower Upper
139 100
109 34.8 23.4 35.0
65 51.7 44.3 66.5

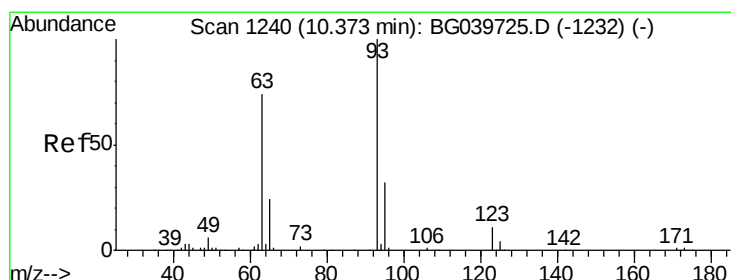
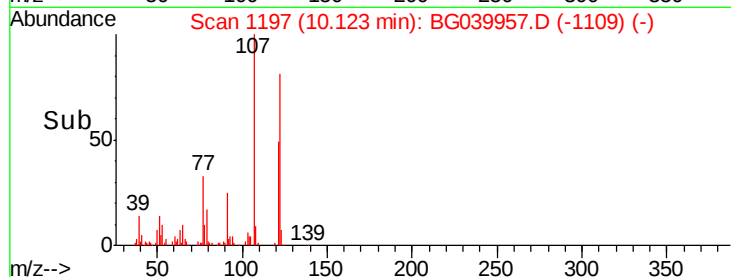
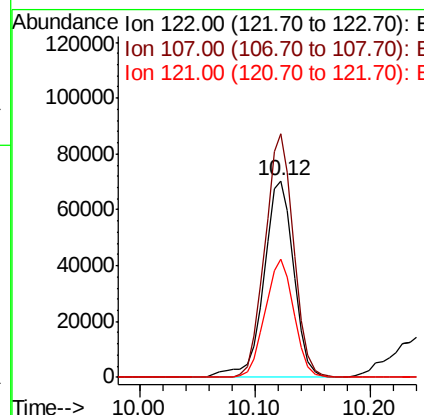
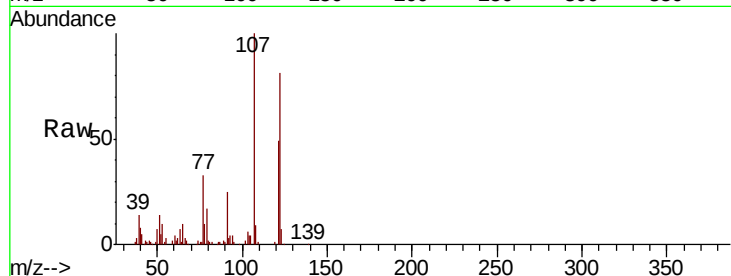




#27
 2,4-Dimethylphenol
 Concen: 42.894 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

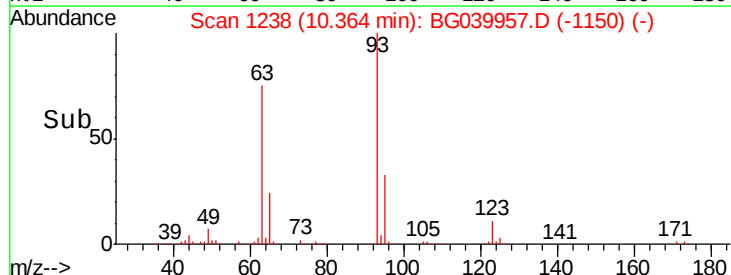
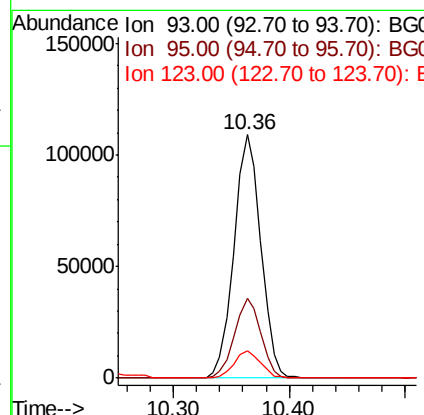
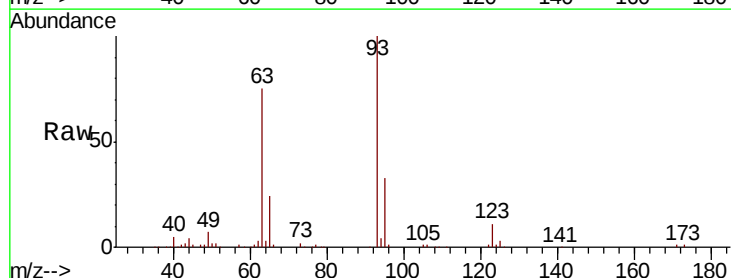
Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

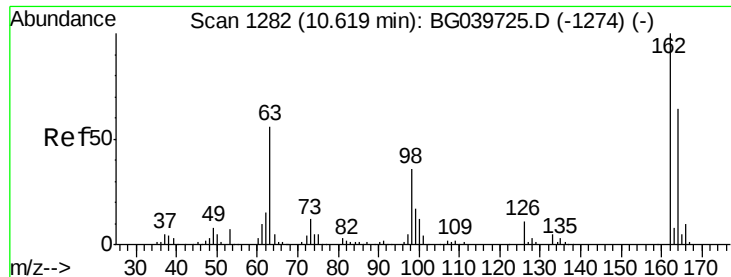
Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.9	91.7	137.5
121	60.2	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.739 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.0	37.4
123	11.4	8.6	12.8

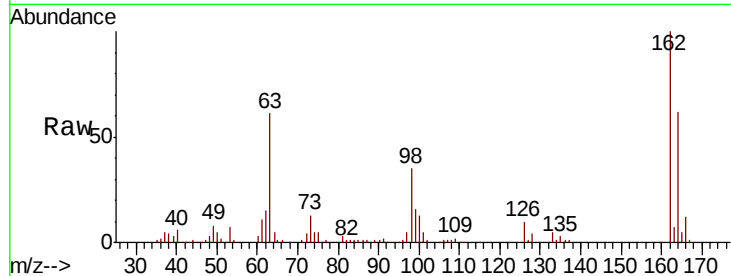




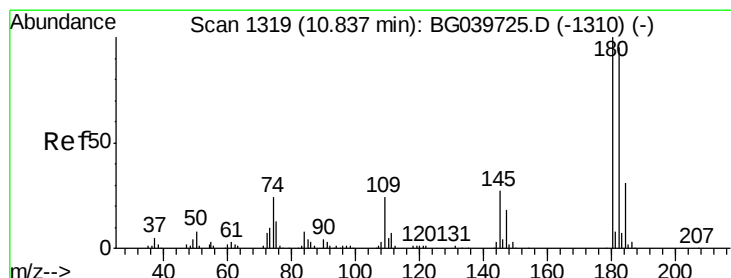
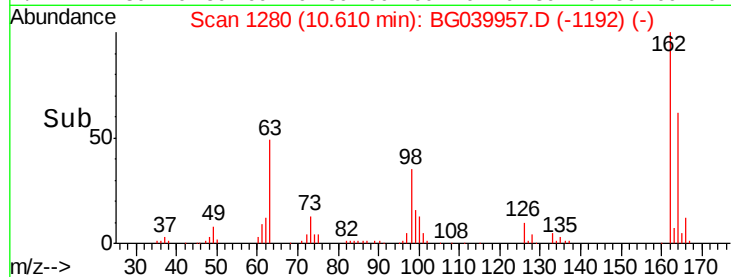
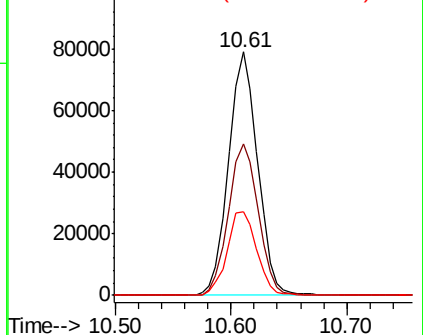
#29
 2,4-Dichlorophenol
 Concen: 41.373 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.3	48.1	88.1
98	34.6	18.1	58.1

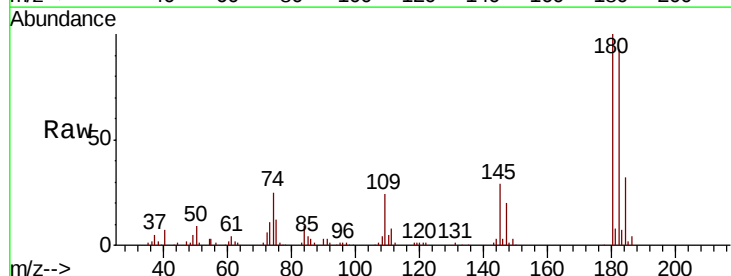


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

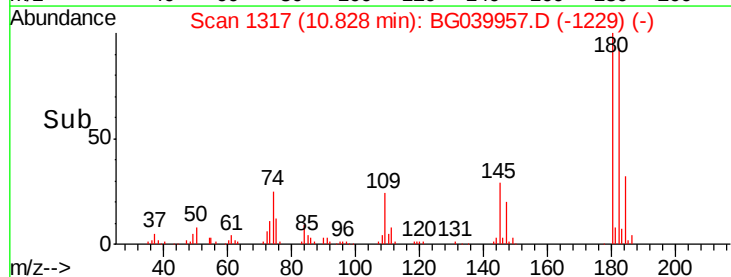
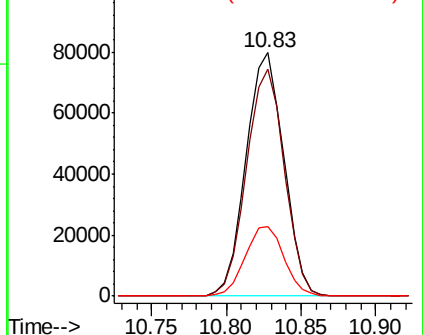


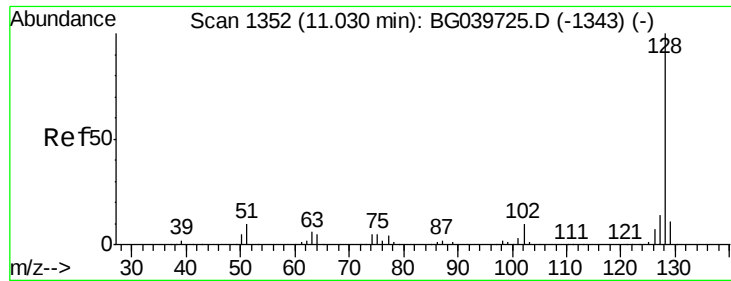
#30
 1,2,4-Trichlorobenzene
 Concen: 37.344 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.0	114.0
145	28.7	22.7	34.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

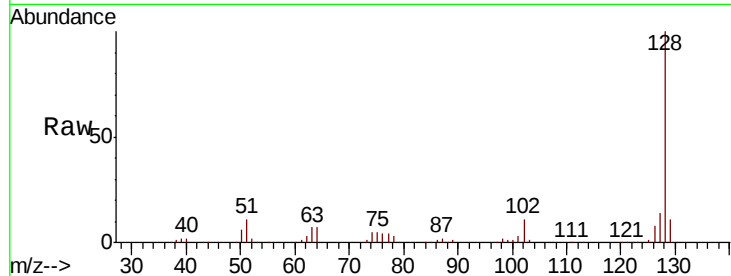




#31
Naphthalene
Concen: 36.588 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.9	10.8	16.2

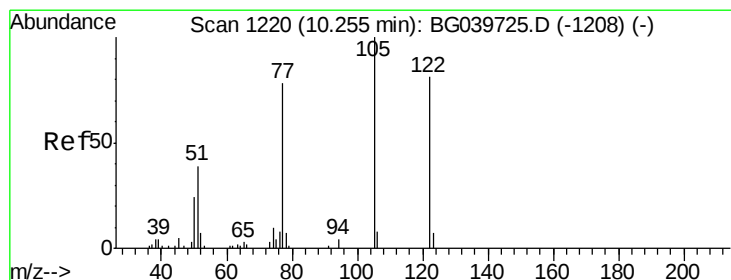
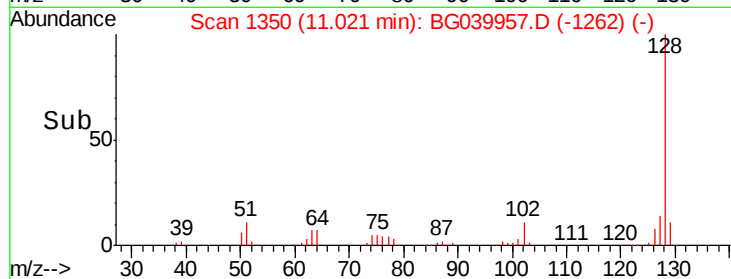
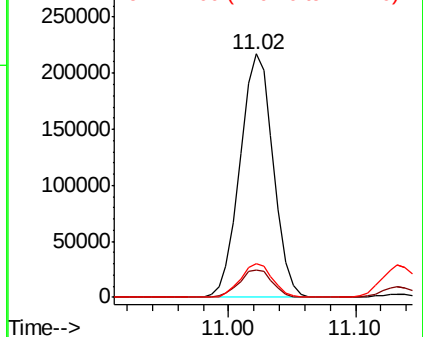


Abundance

Ion 128.00 (127.70 to 128.70): E

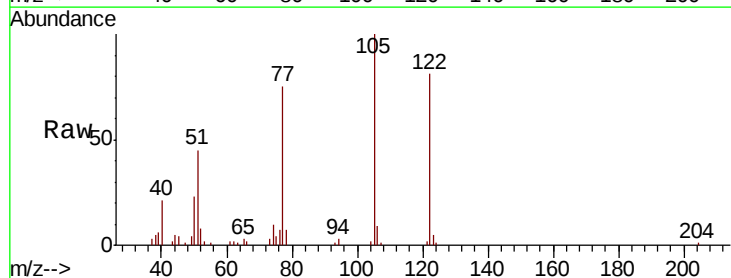
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.839 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	101.8	141.8
77	92.6	76.3	116.3

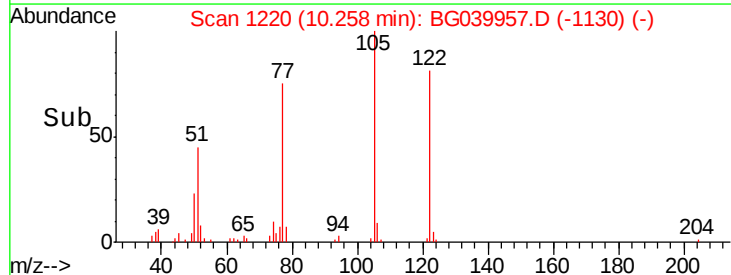
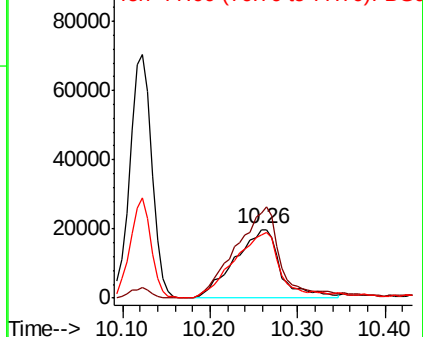


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

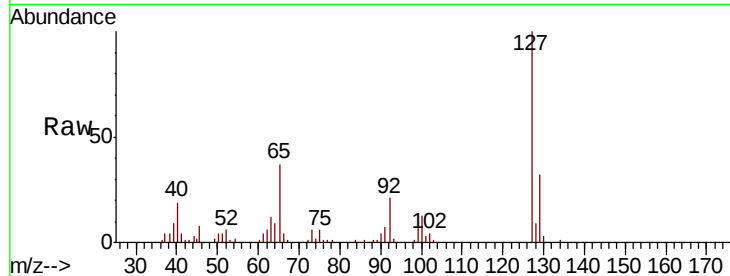




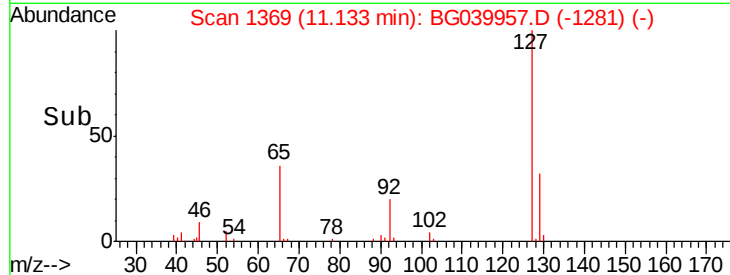
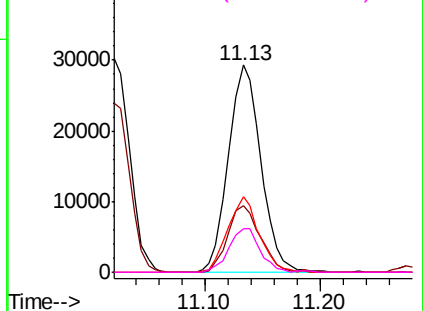
#33
 4-Chloroaniline
 Concen: 12.615 ng
 RT: 11.13 min Scan# 1369
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tgt Ion:	127	Resp:	57417
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.0	40.4
65	36.8	28.8	43.2
92	20.8	16.6	25.0

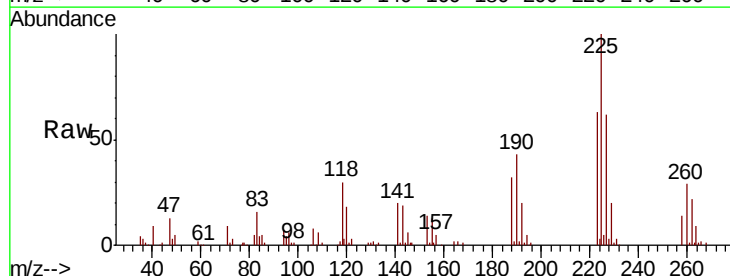


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

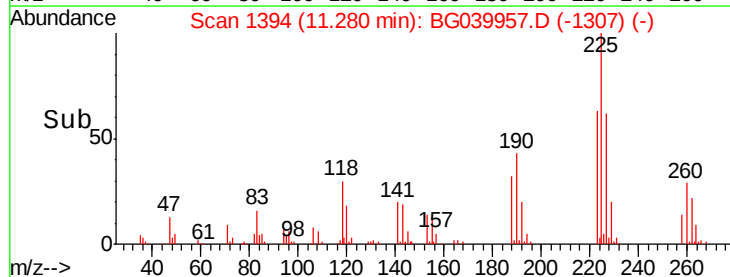
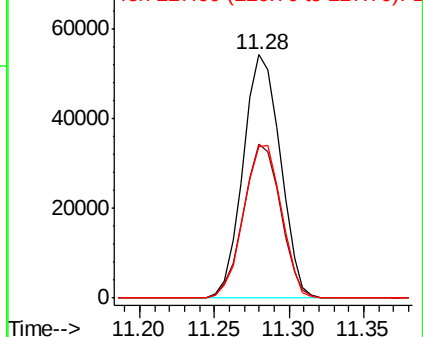


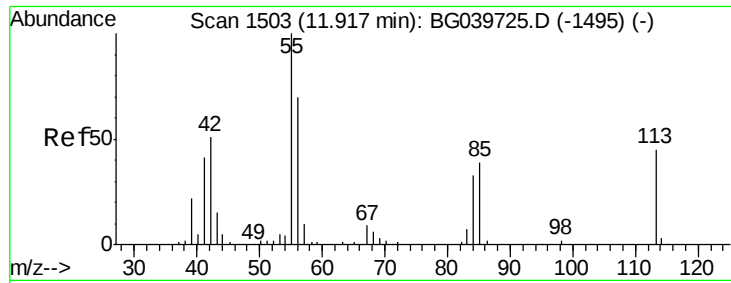
#34
 Hexachlorobutadiene
 Concen: 36.624 ng
 RT: 11.28 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion:	225	Resp:	93624
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.0	73.6
227	62.0	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

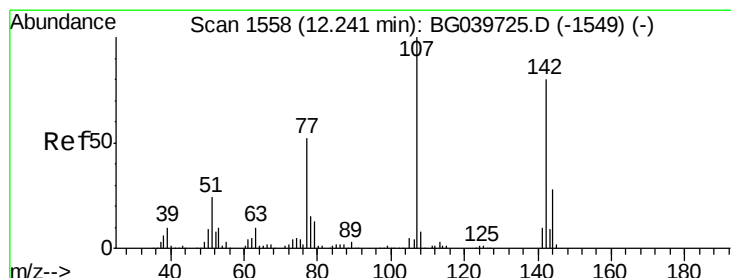
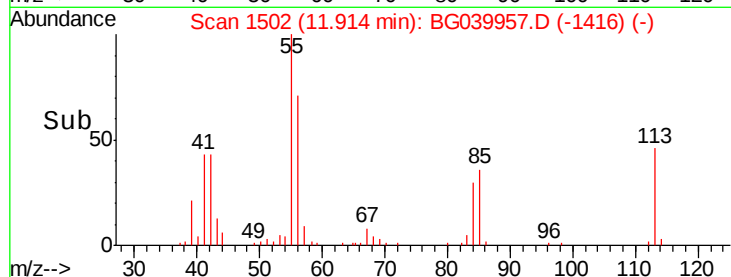
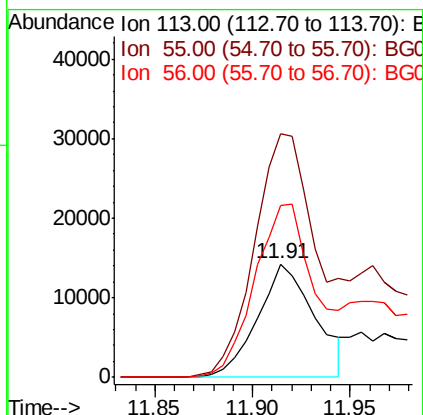
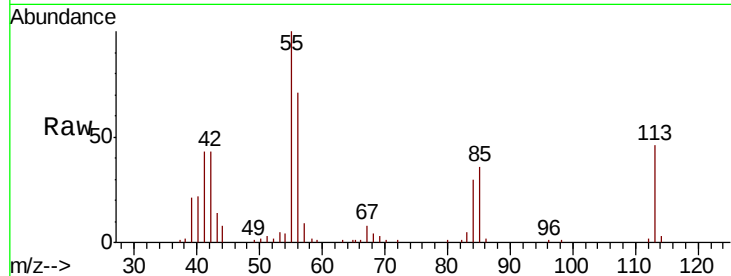




#35
 Caprolactam
 Concen: 22.661 ng
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.03 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

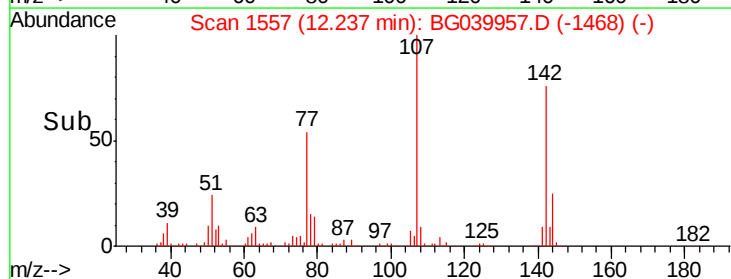
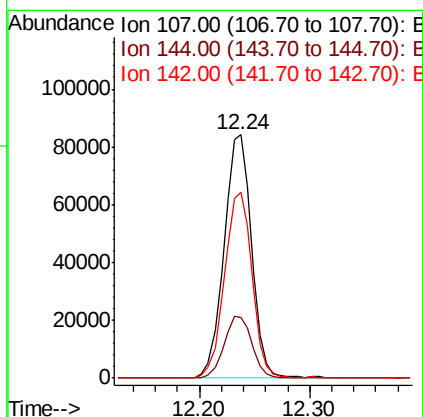
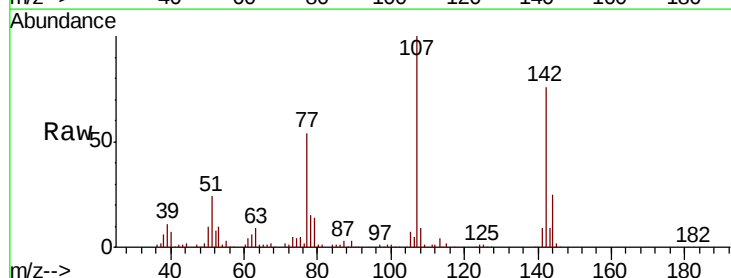
Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tgt Ion:113 Resp: 28778
 Ion Ratio Lower Upper
 113 100
 55 215.3 216.9 256.9#
 56 152.3 152.6 192.6#



#36
 4-Chloro-3-methylphenol
 Concen: 38.522 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion:107 Resp: 146806
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 76.2 61.4 92.2

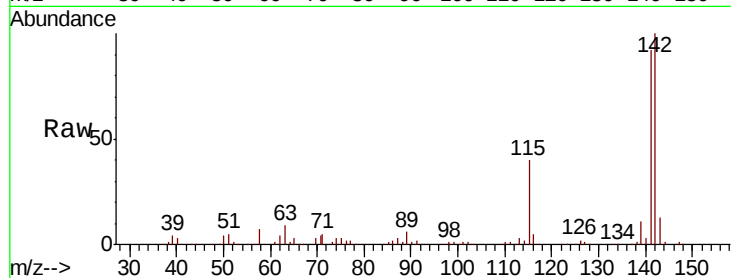




#37
 2-Methylnaphthalene
 Concen: 37.427 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.5	110.3
115	39.6	30.8	46.2

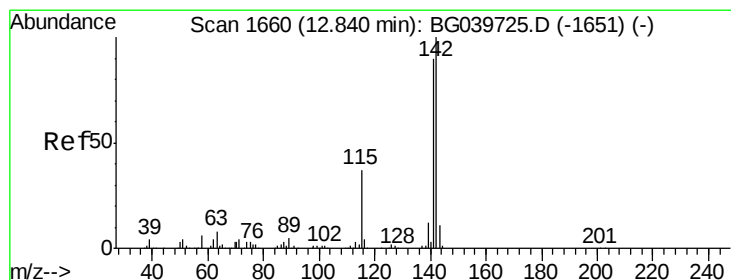
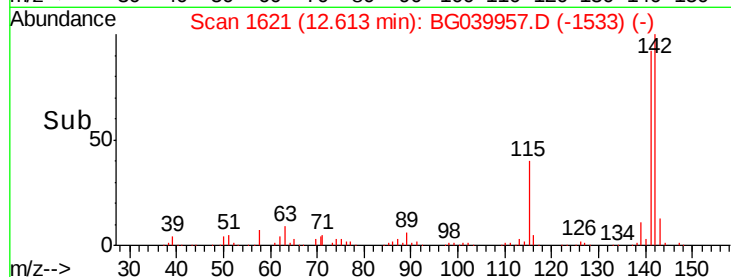
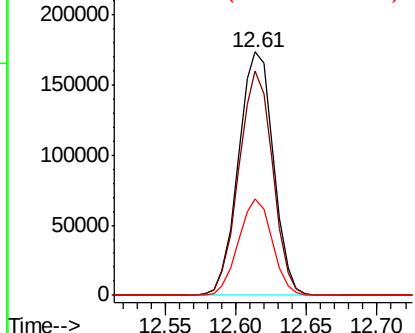


Abundance

Ion 142.00 (141.70 to 142.70): E

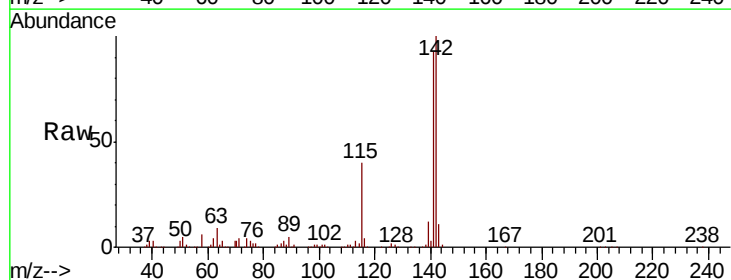
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 36.448 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.2	111.4
116	4.3	3.0	4.6

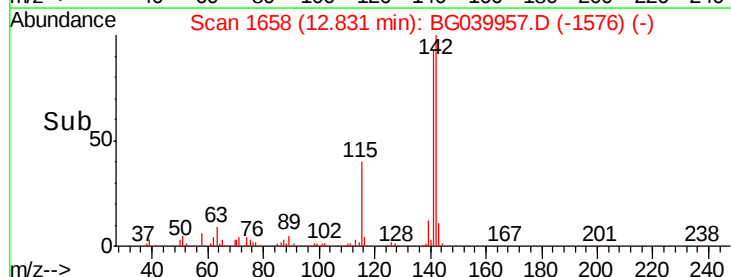
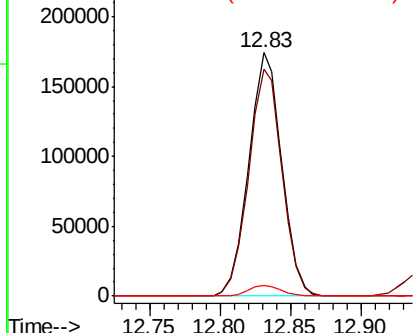


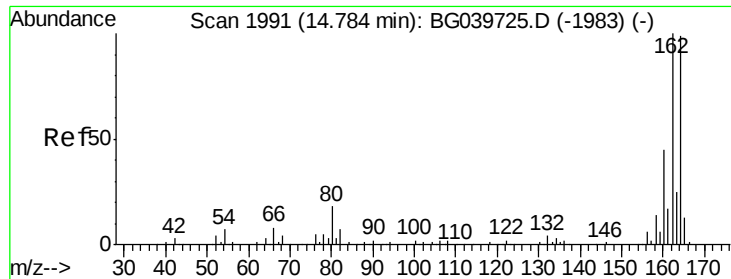
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

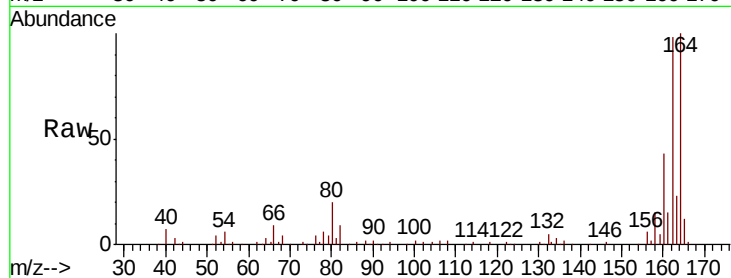
Tgt Ion:164 Resp: 133724

Ion Ratio Lower Upper

164 100

162 98.2 81.6 122.4

160 43.1 34.2 51.2

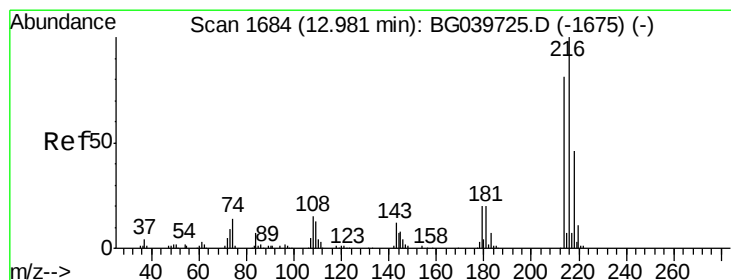
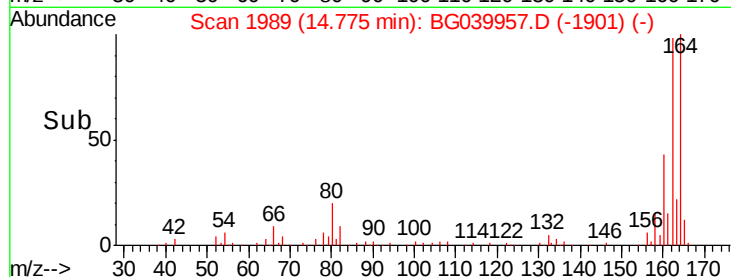
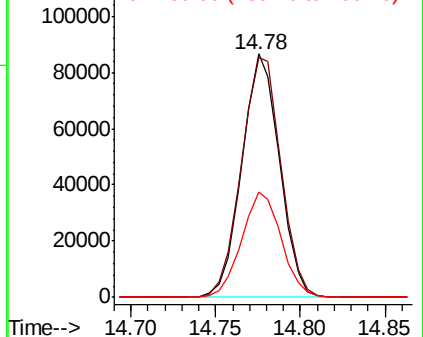


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.273 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Tgt Ion:216 Resp: 168857

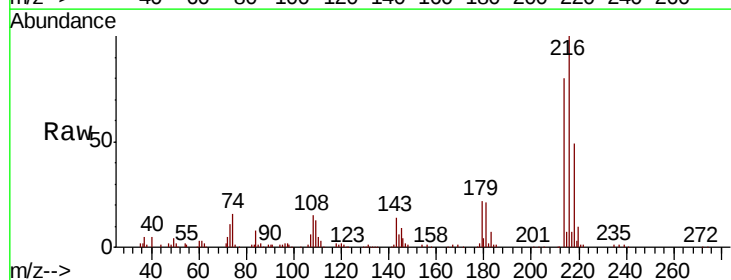
Ion Ratio Lower Upper

216 100

214 78.5 62.6 94.0

179 21.0 16.6 25.0

108 19.3 14.0 21.0



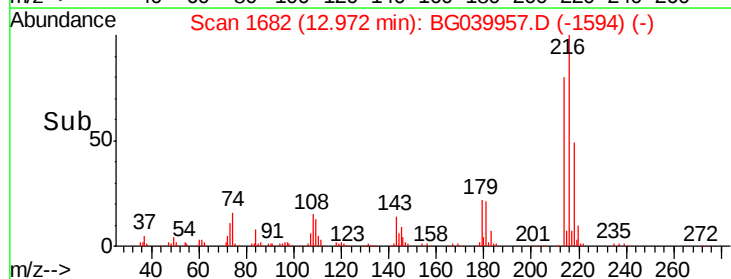
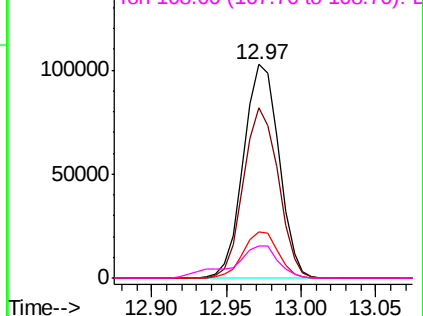
Abundance

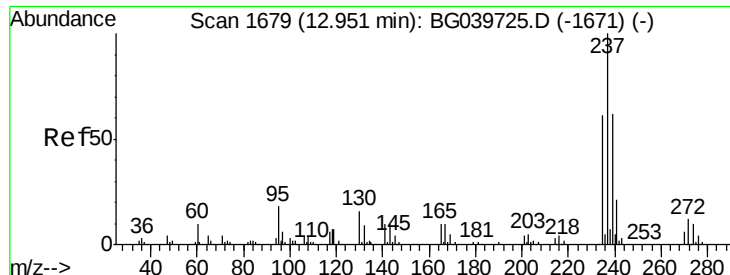
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

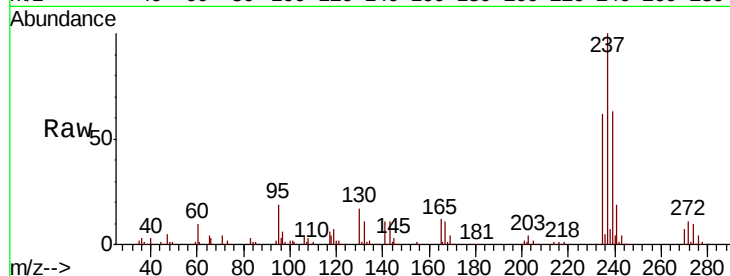




#41
Hexachlorocyclopentadiene
Concen: 96.522 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.6	43.3	83.3
272	11.0	0.0	32.3

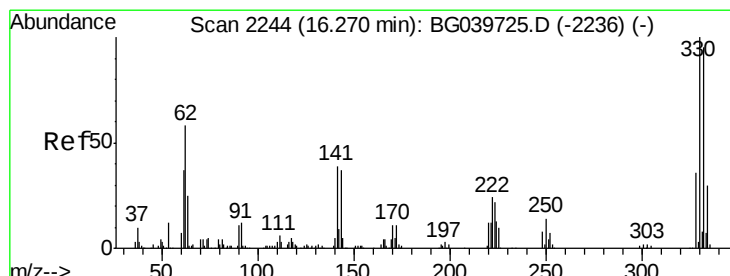
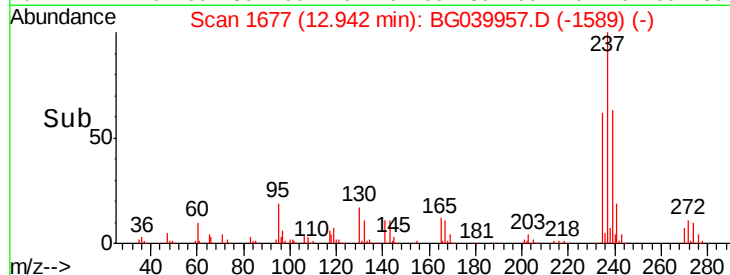
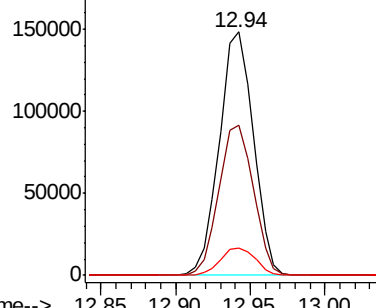


Abundance

Ion 236.80 (236.50 to 237.50): E

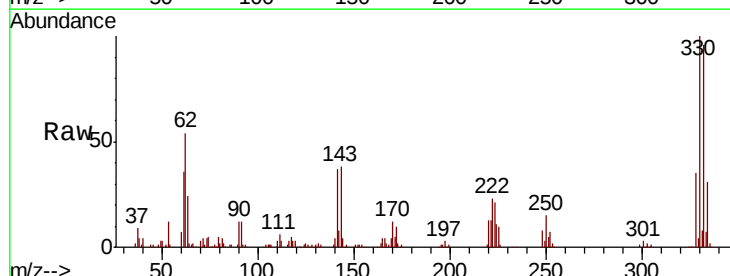
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 118.057 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	41.3	35.6	53.4

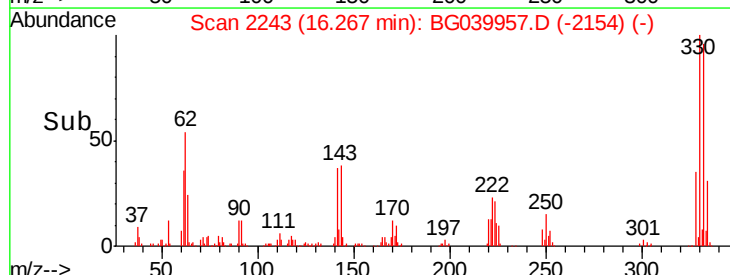
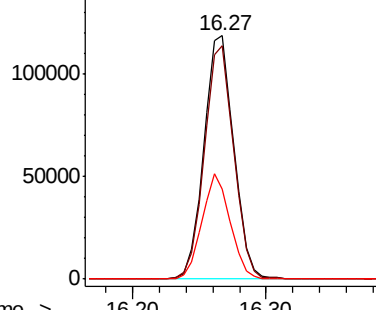


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

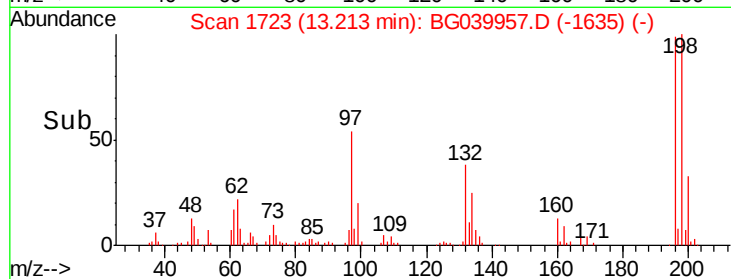
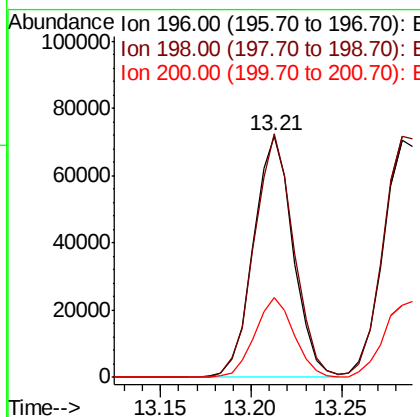
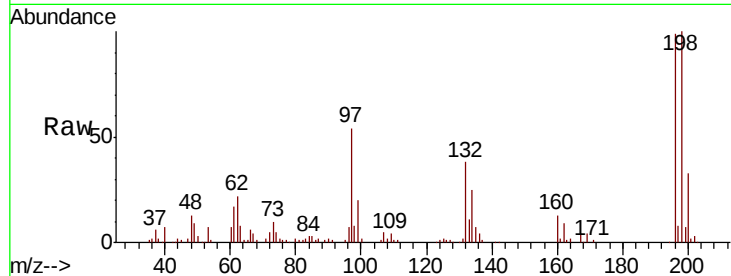




#43
 2,4,6-Trichlorophenol
 Concen: 41.463 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

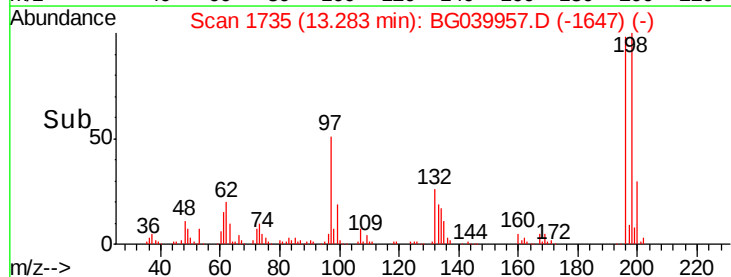
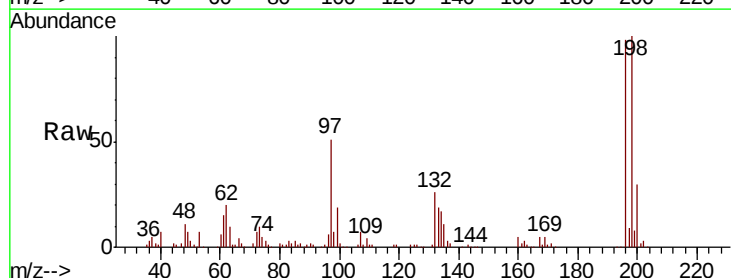
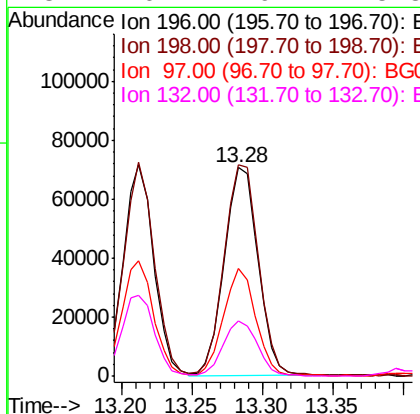
Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

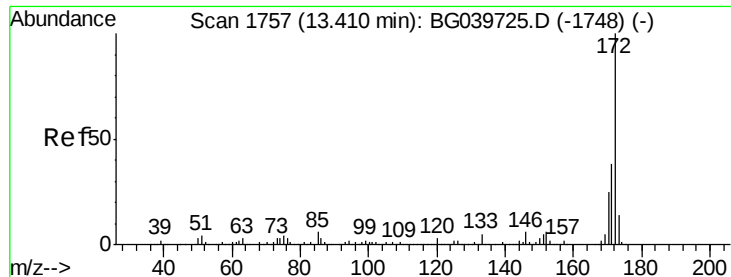
Tgt Ion	Resp	Lower	Upper
196	100		
198	100.9	80.6	121.0
200	33.3	26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 39.451 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Resp	Lower	Upper
196	100		
198	101.8	78.5	117.7
97	51.6	38.4	57.6
132	26.7	19.2	28.8

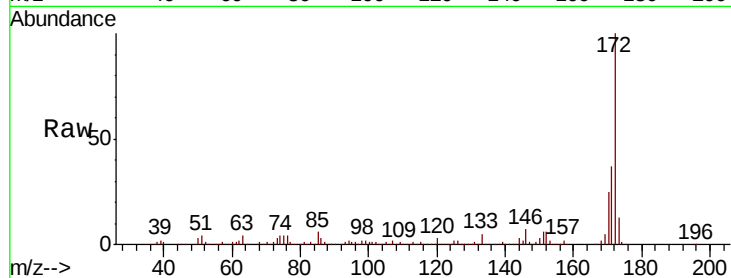




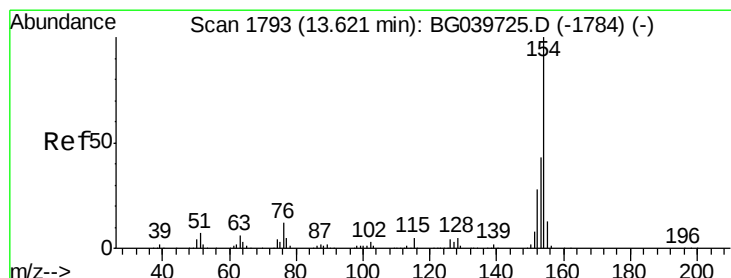
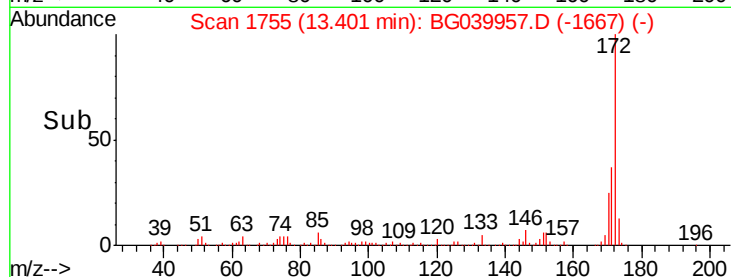
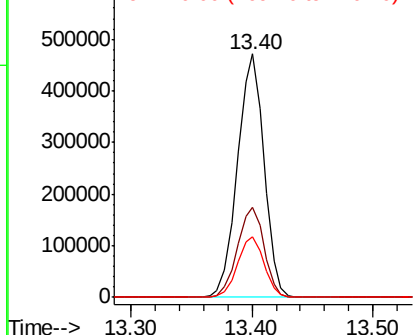
#45
 2-Fluorobiphenyl
 Concen: 76.791 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tgt Ion:172 Resp: 721210
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 25.0 20.2 30.4

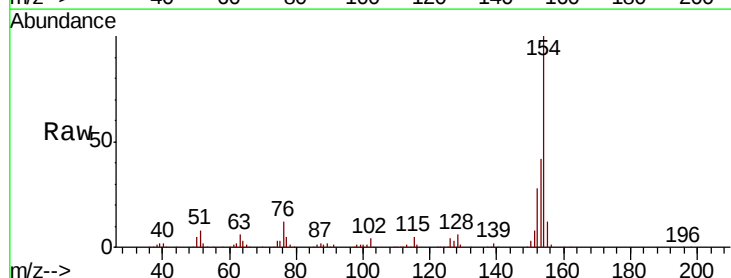


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

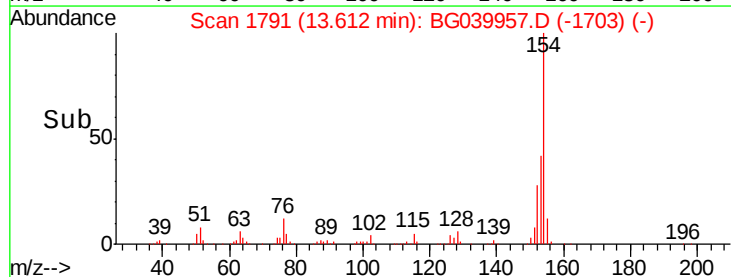
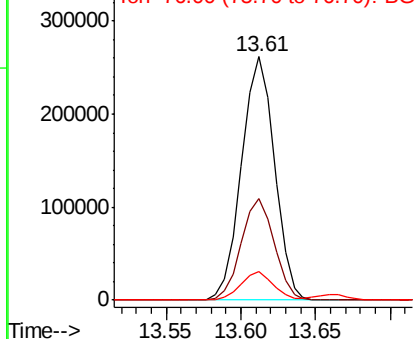


#46
 1,1'-Biphenyl
 Concen: 36.420 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion:154 Resp: 400571
 Ion Ratio Lower Upper
 154 100
 153 41.9 22.1 62.1
 76 11.9 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGO

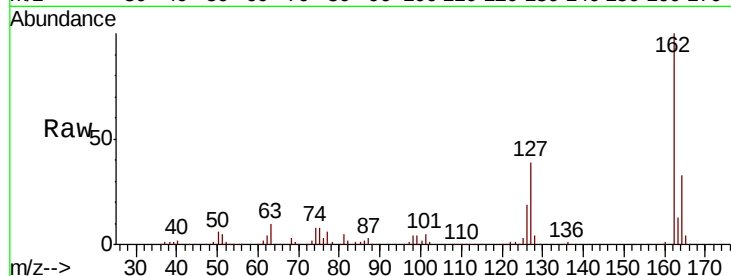




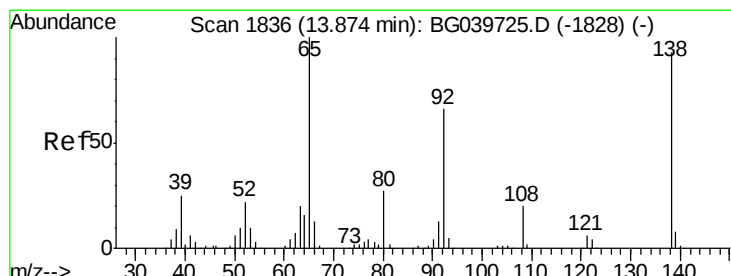
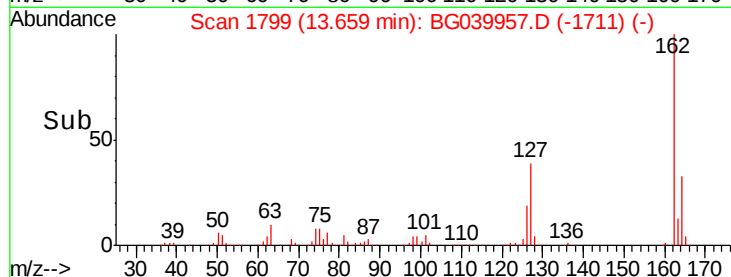
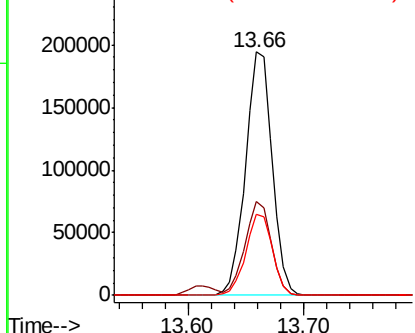
#47
 2-Chloronaphthalene
 Concen: 37.573 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tgt Ion: 162 Resp: 310885
 Ion Ratio Lower Upper
 162 100
 127 38.7 31.0 46.6
 164 33.5 25.7 38.5

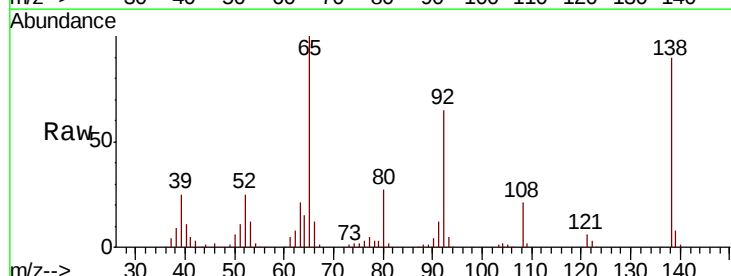


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

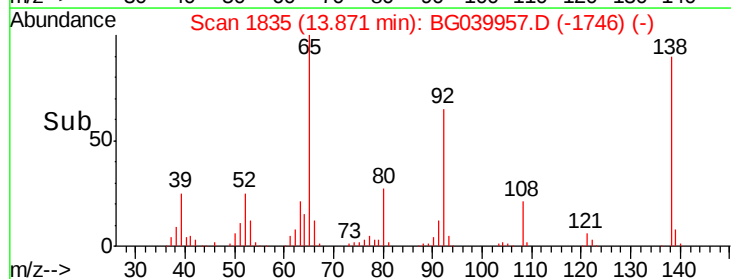
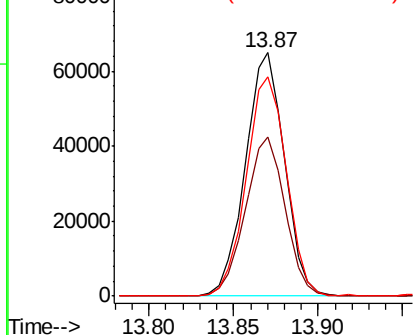


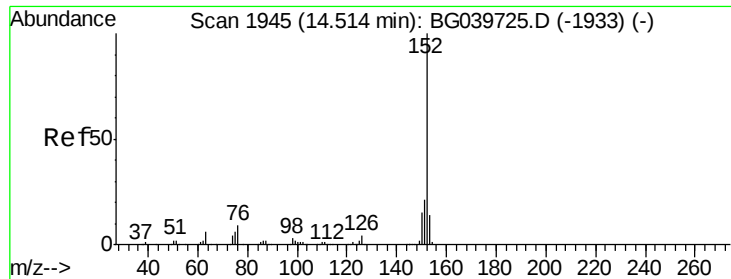
#48
 2-Nitroaniline
 Concen: 39.214 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion: 65 Resp: 104272
 Ion Ratio Lower Upper
 65 100
 92 65.3 51.4 77.2
 138 90.2 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.498 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

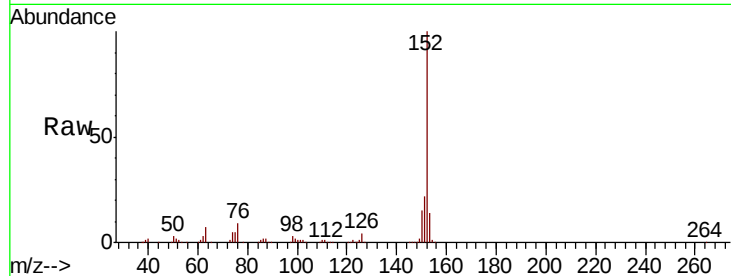
Tgt Ion:152 Resp: 495750

Ion Ratio Lower Upper

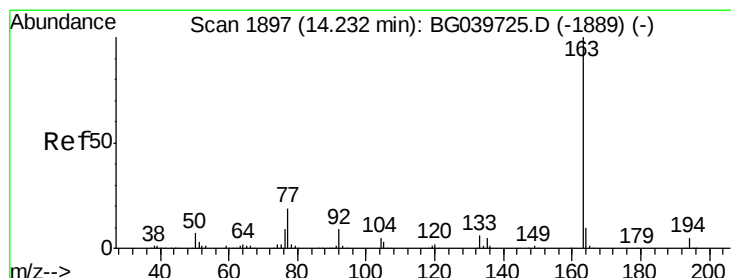
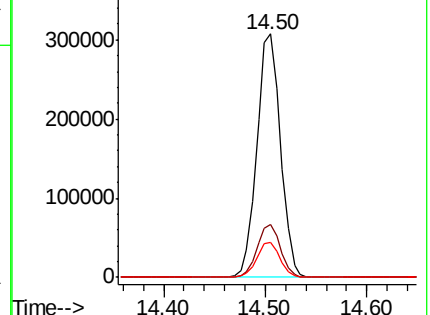
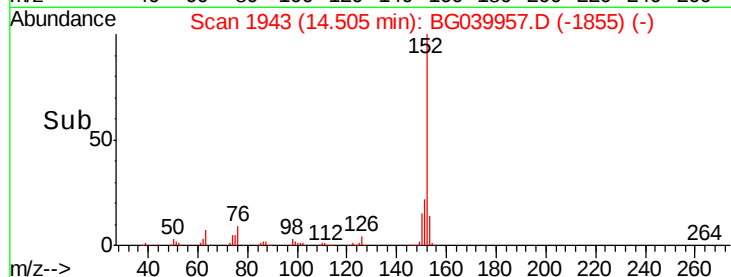
152 100

151 21.7 16.8 25.2

153 14.1 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: 36.245 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

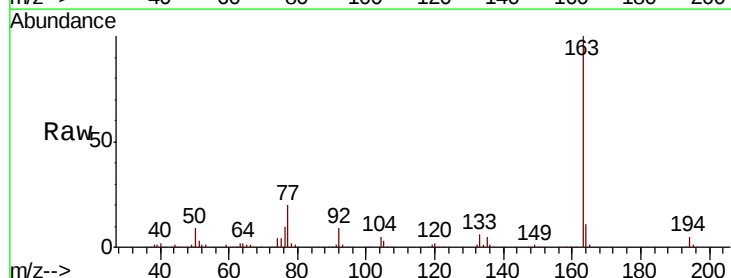
Tgt Ion:163 Resp: 405286

Ion Ratio Lower Upper

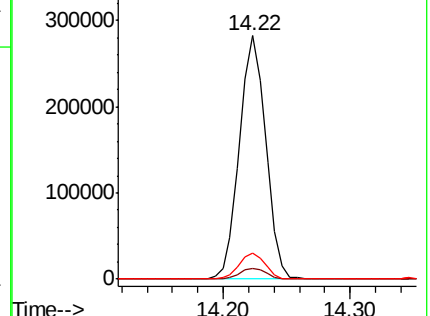
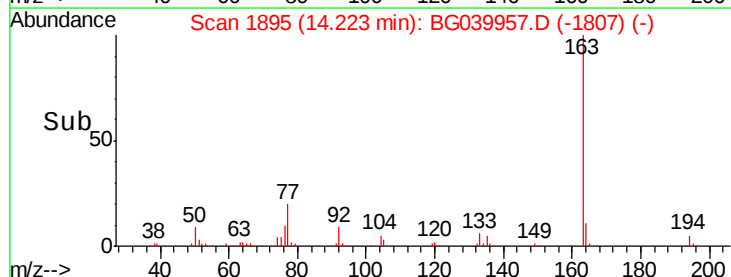
163 100

194 4.6 3.6 5.4

164 10.5 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

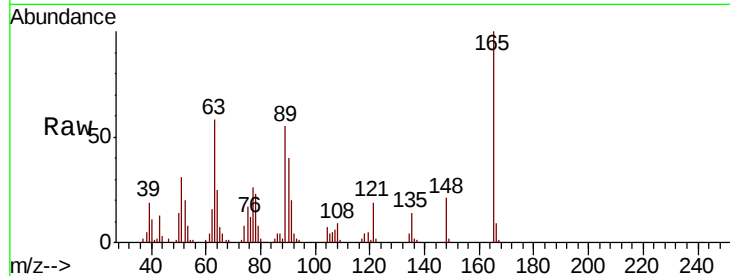




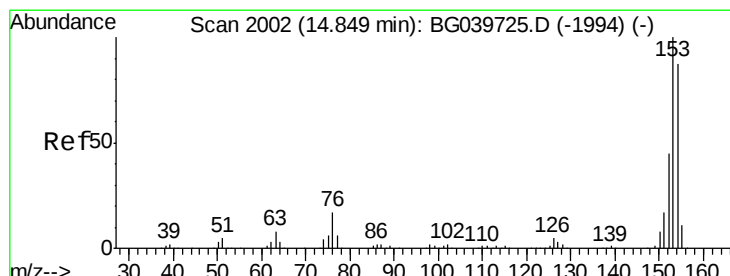
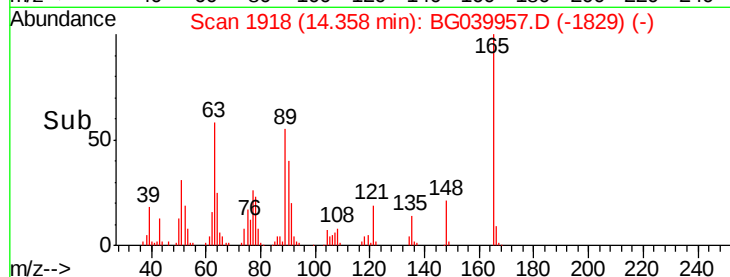
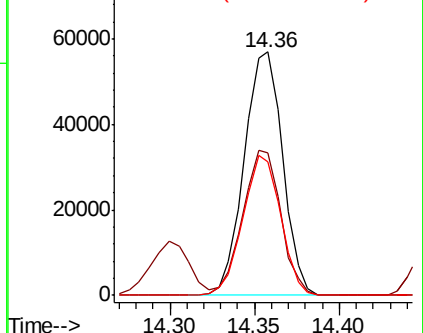
#51
2,6-Dinitrotoluene
Concen: 38.032 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tgt Ion:165 Resp: 90155
Ion Ratio Lower Upper
165 100
63 58.4 47.0 70.6
89 54.9 45.8 68.8

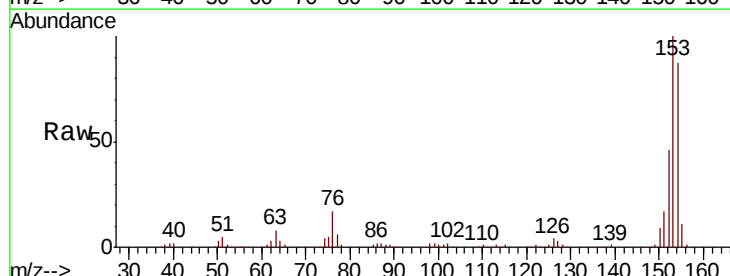


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

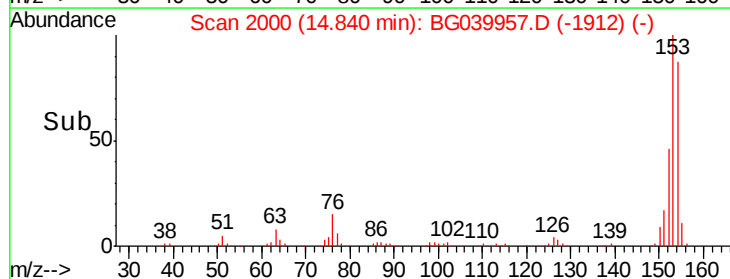
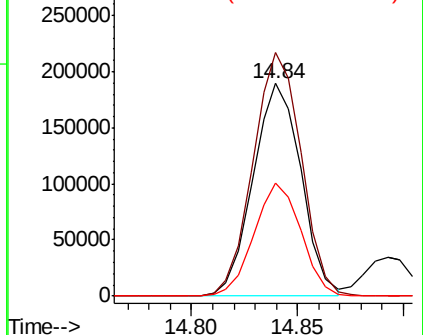


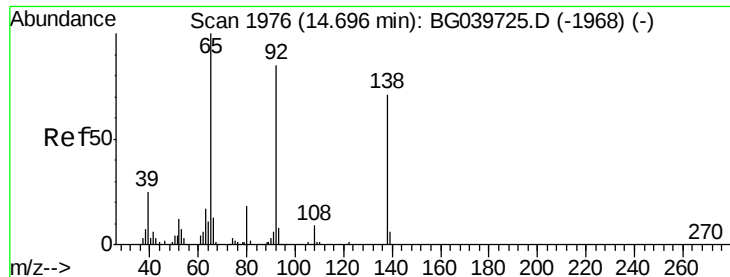
#52
Acenaphthene
Concen: 36.549 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion:154 Resp: 298796
Ion Ratio Lower Upper
154 100
153 114.7 90.1 135.1
152 53.0 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: 20.210 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

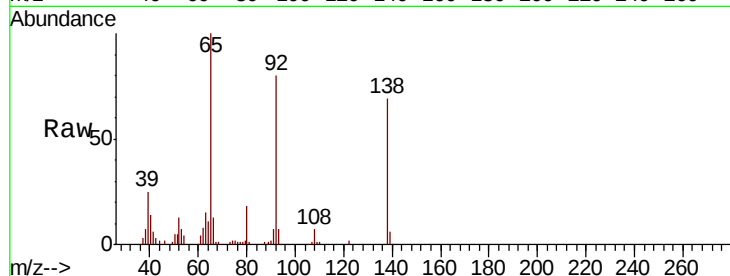
Tgt Ion:138 Resp: 48158

Ion Ratio Lower Upper

138 100

108 10.1 13.8 20.8#

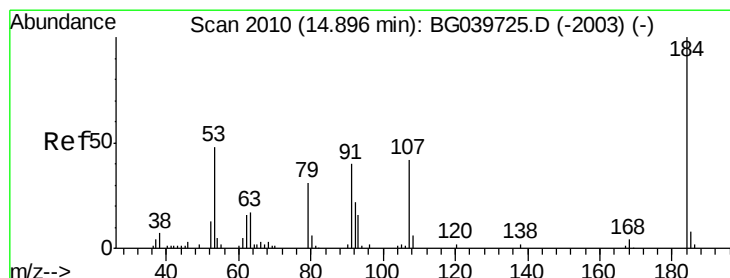
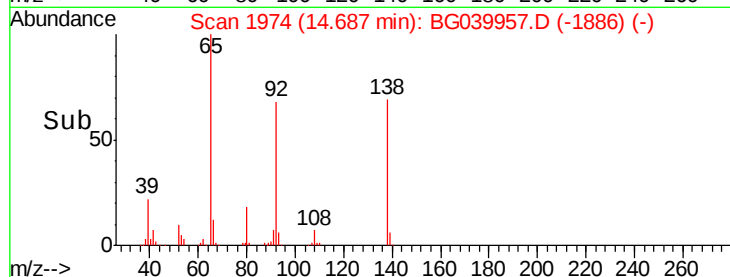
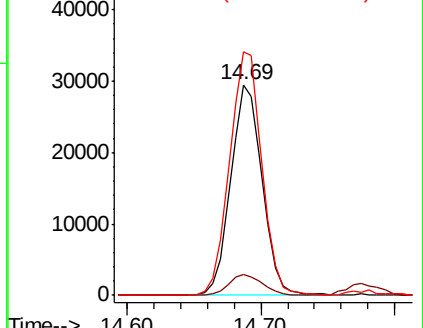
92 115.5 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 59.806 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

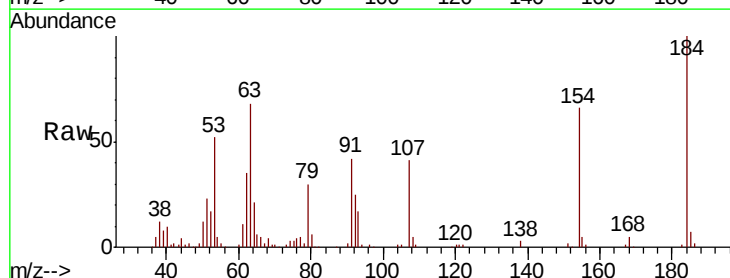
Tgt Ion:184 Resp: 87282

Ion Ratio Lower Upper

184 100

63 68.2 50.9 76.3

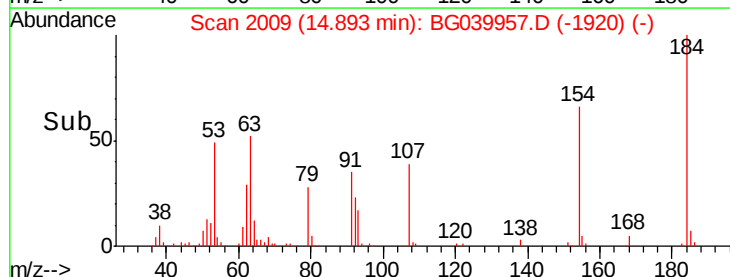
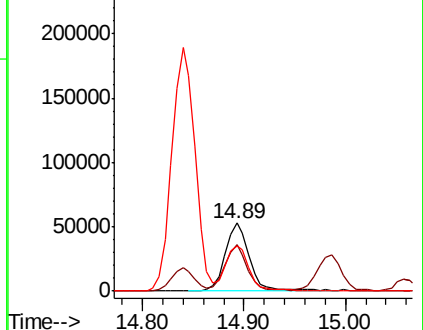
154 65.8 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 36.375 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

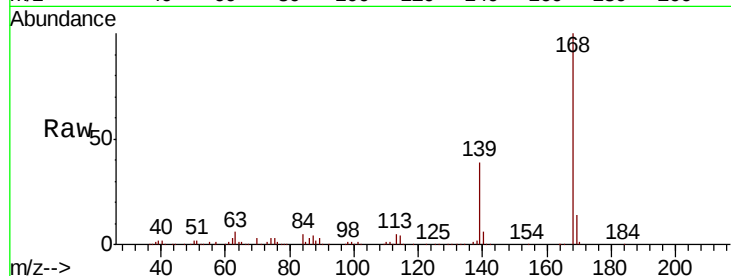
Tgt Ion:168 Resp: 487893

Ion Ratio Lower Upper

168 100

139 39.4 30.1 45.1

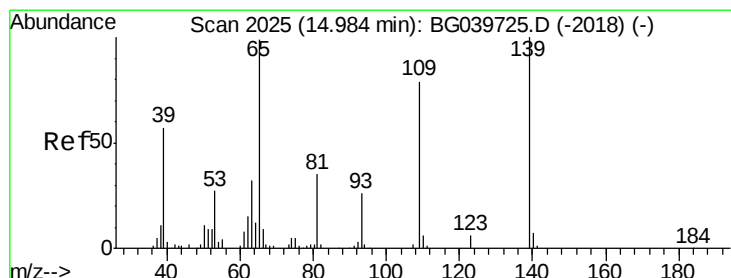
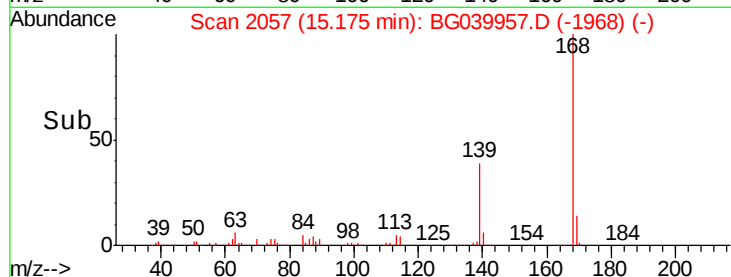
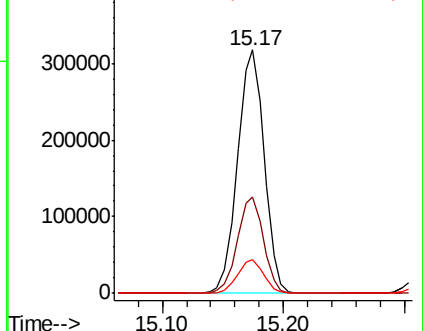
169 13.7 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 66.246 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

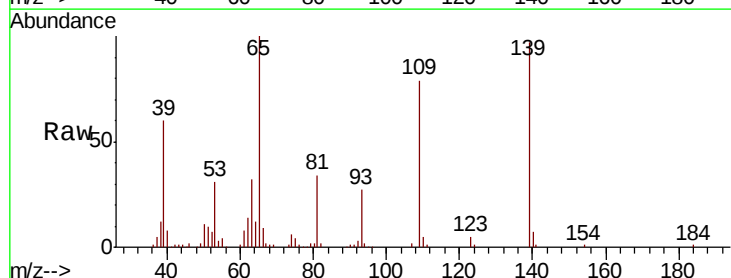
Tgt Ion:139 Resp: 141211

Ion Ratio Lower Upper

139 100

109 81.4 61.9 101.9

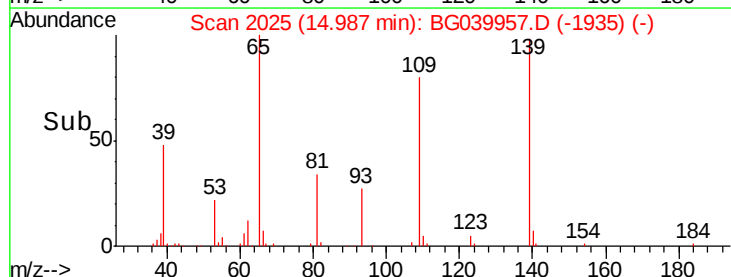
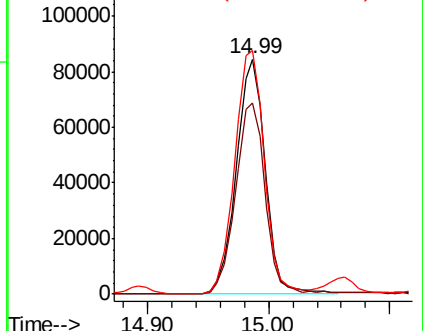
65 103.5 99.1 139.1

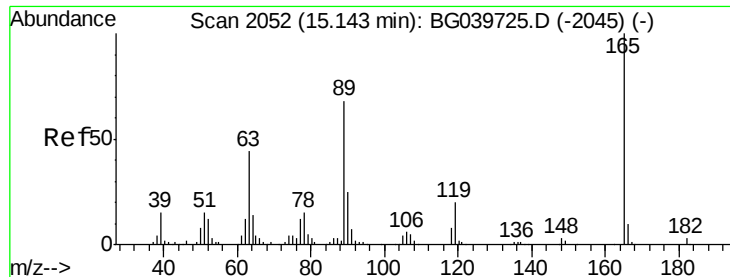


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 37.773 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

Tgt Ion:165 Resp: 125815

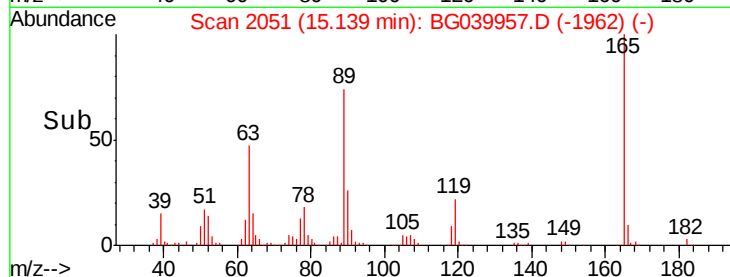
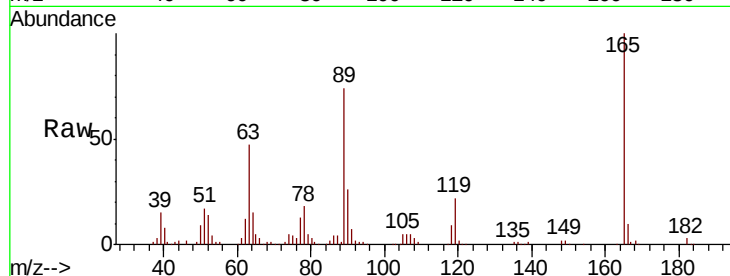
Ion Ratio Lower Upper

165 100

63 46.6 41.0 61.6

89 74.3 64.6 96.8

182 2.9 2.0 3.0

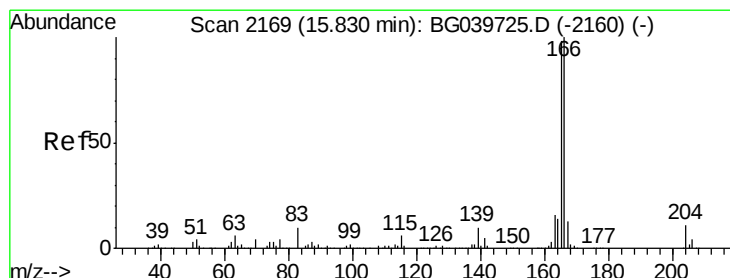
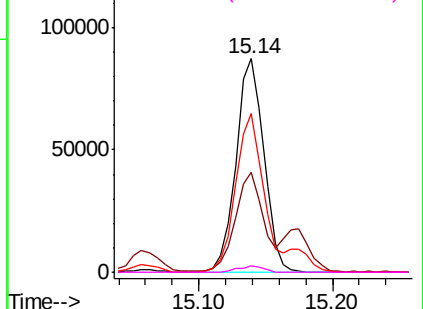


Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.164 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

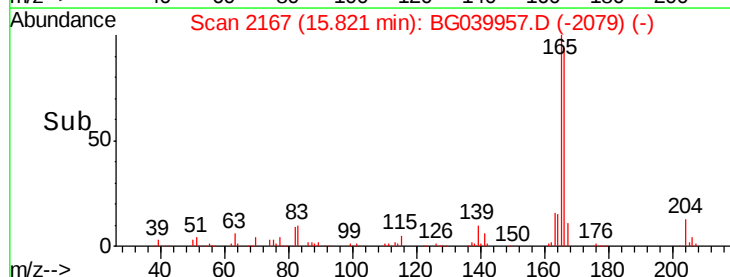
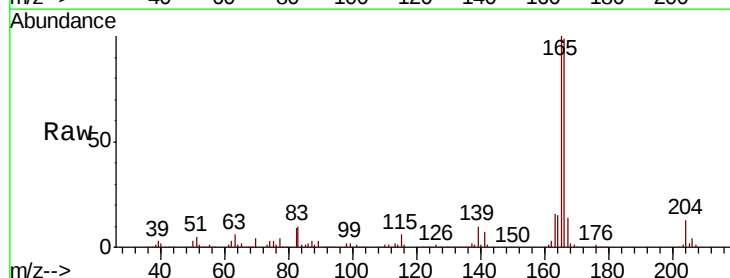
Tgt Ion:166 Resp: 381325

Ion Ratio Lower Upper

166 100

165 101.1 77.9 116.9

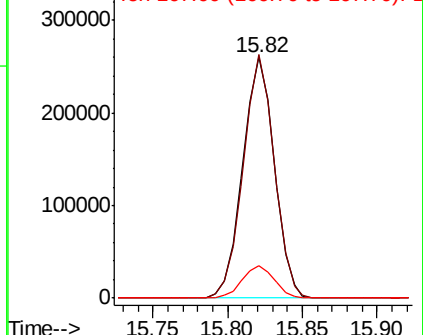
167 13.7 10.8 16.2

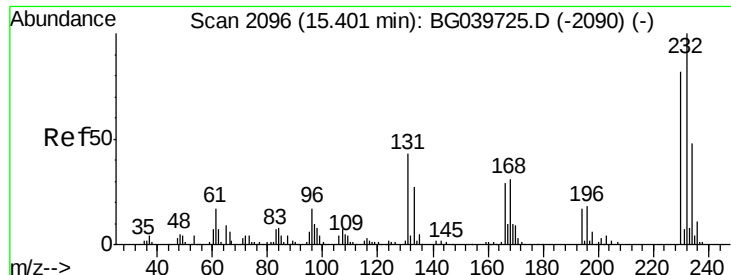


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

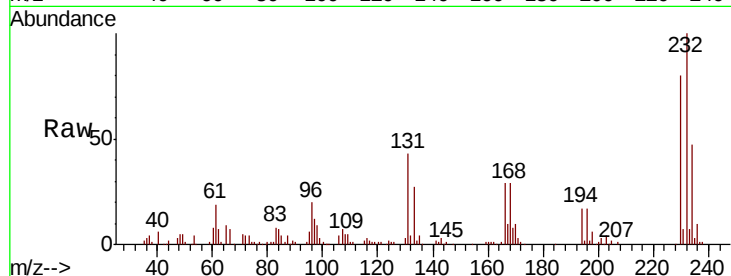




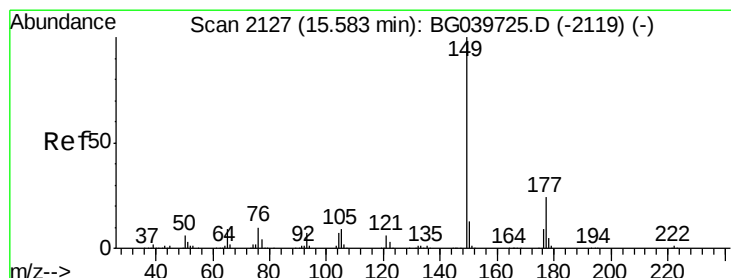
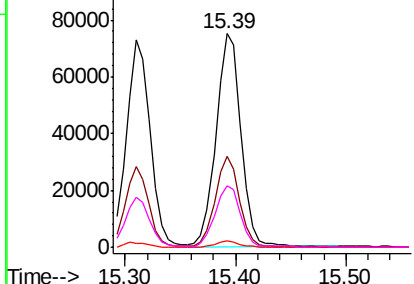
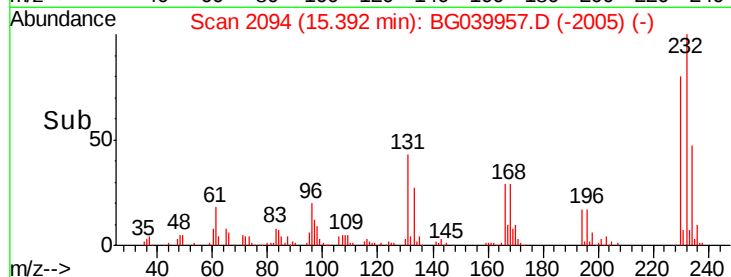
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.301 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tgt Ion:232 Resp: 117665
Ion Ratio Lower Upper
232 100
131 41.2 34.9 52.3
130 2.7 2.0 3.0
166 29.6 24.1 36.1

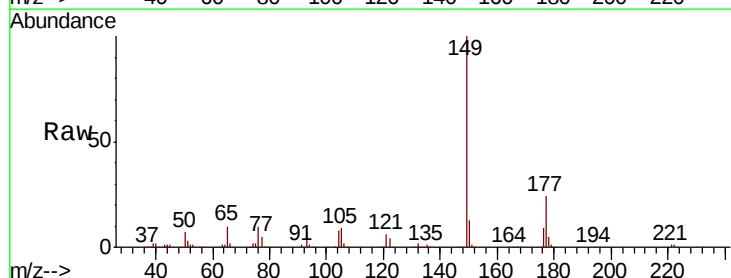


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

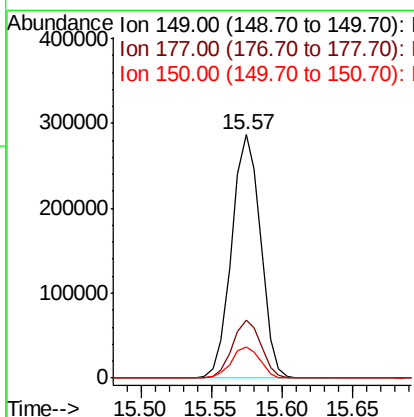
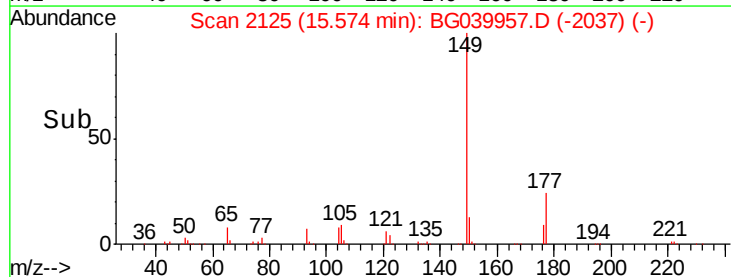


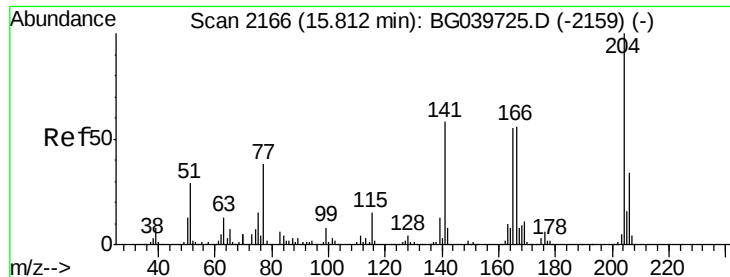
#60
Diethylphthalate
Concen: 36.804 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion:149 Resp: 407389
Ion Ratio Lower Upper
149 100
177 23.7 18.3 27.5
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

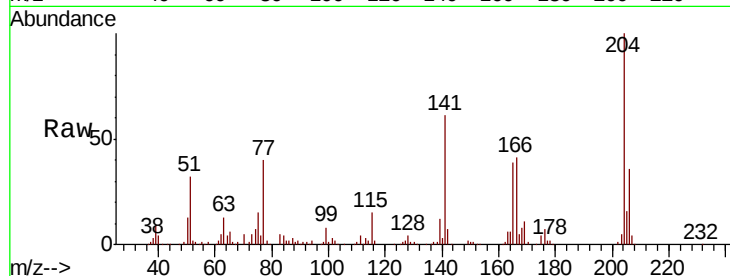




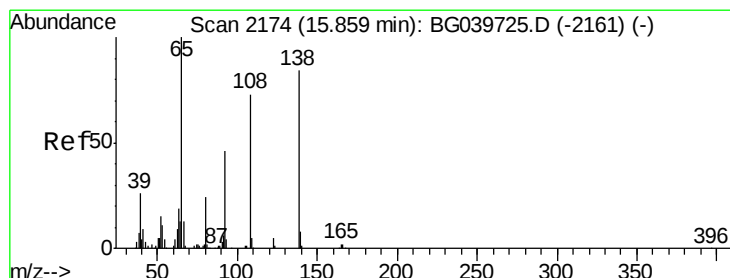
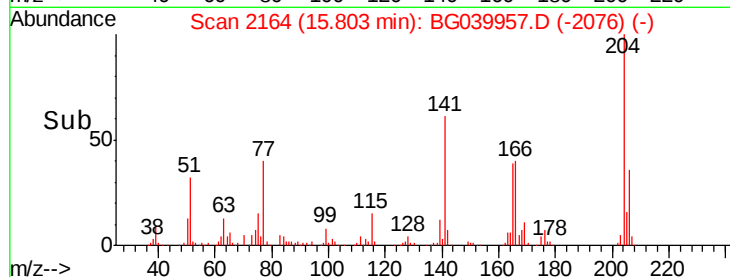
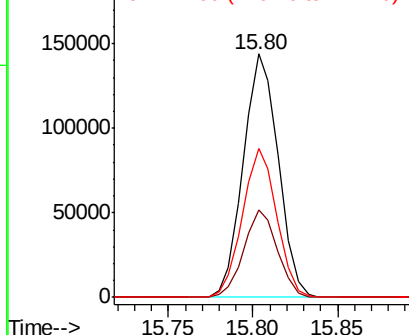
#61
 4-Chlorophenyl-phenylether
 Concen: 36.795 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tgt Ion:	204	Resp:	207035
Ion	Ratio	Lower	Upper
204	100		
206	36.0	29.2	43.8
141	60.9	49.0	73.4

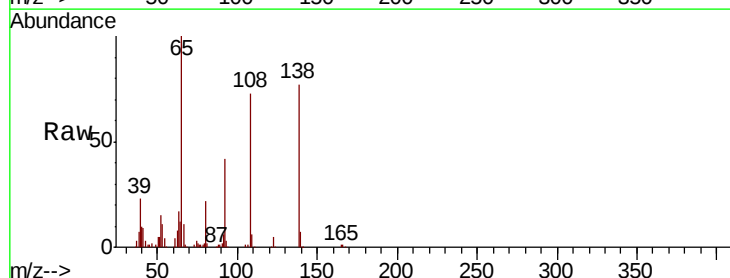


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

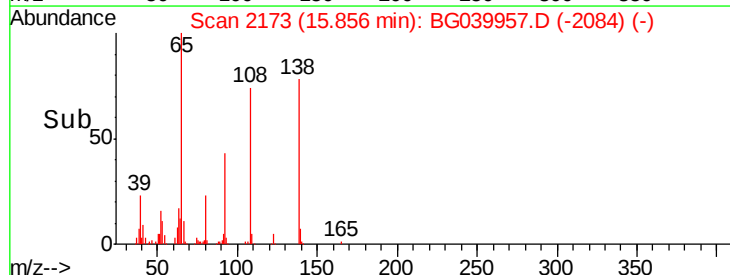
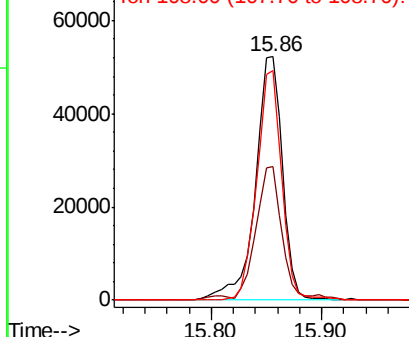


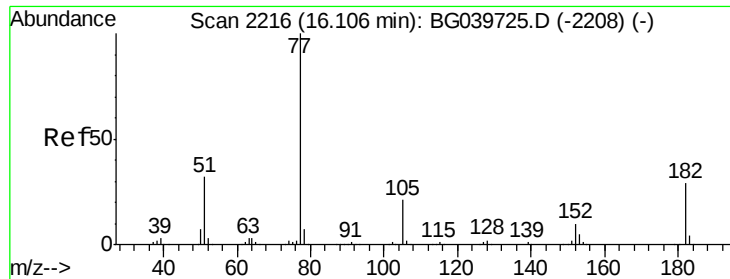
#62
 4-Nitroaniline
 Concen: 34.859 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion:	138	Resp:	90052
Ion	Ratio	Lower	Upper
138	100		
92	54.6	38.7	78.7
108	94.2	74.6	114.6



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





#63

Azobenzene

Concen: 37.068 ng

RT: 16.10 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

Tgt Ion: 77 Resp: 371942

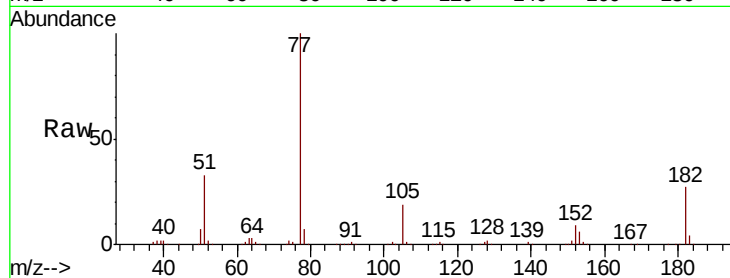
Ion Ratio Lower Upper

77 100

182 27.4 6.4 46.4

105 19.5 0.0 39.8

51 32.9 14.1 54.1



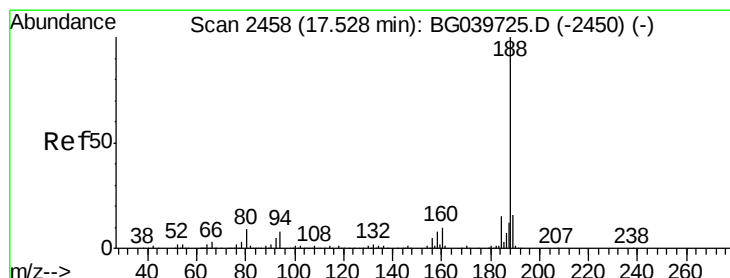
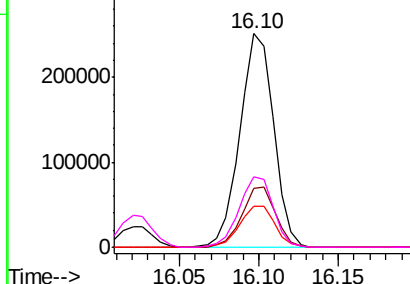
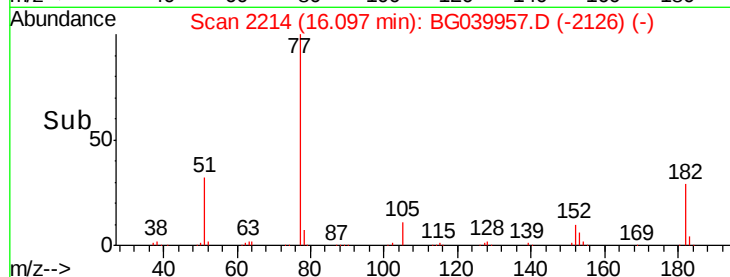
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

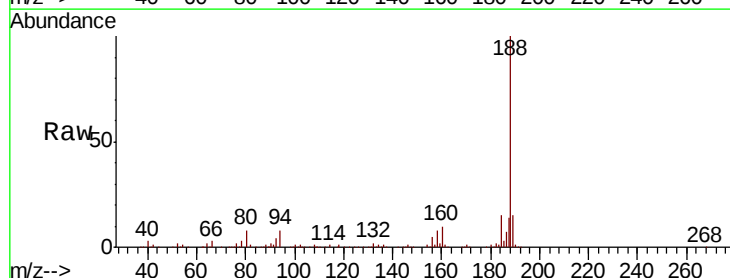
Tgt Ion: 188 Resp: 300662

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

80 8.3 8.1 12.1

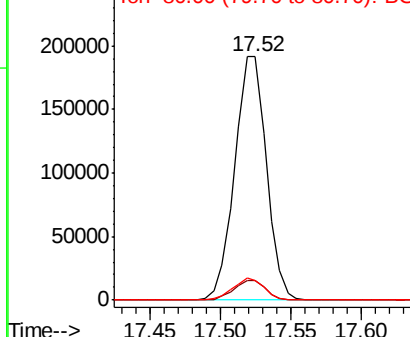
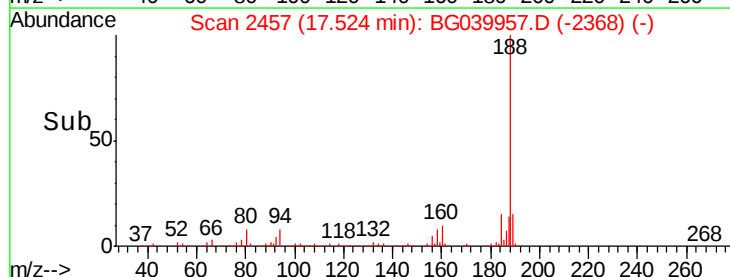


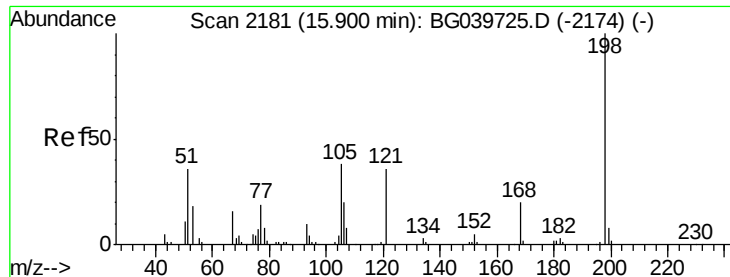
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

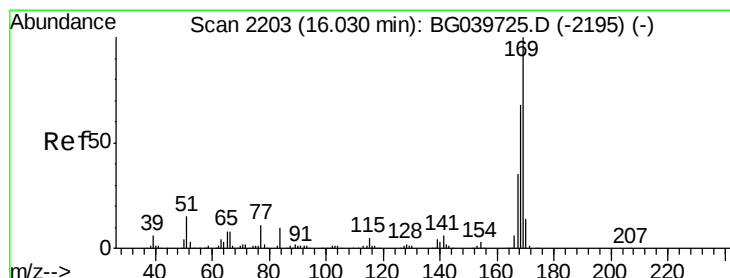
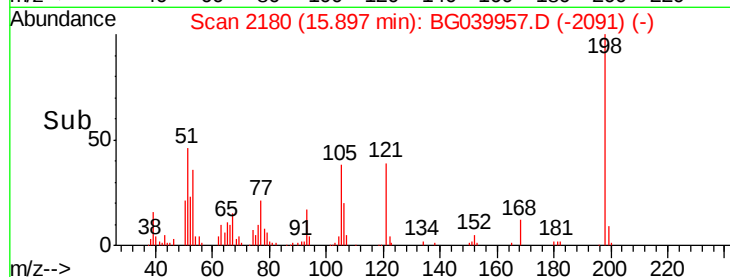
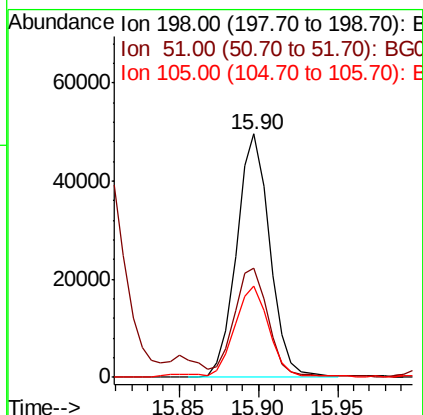
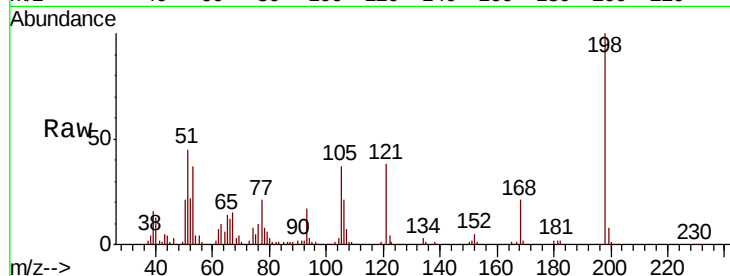




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.482 ng
 RT: 15.90 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

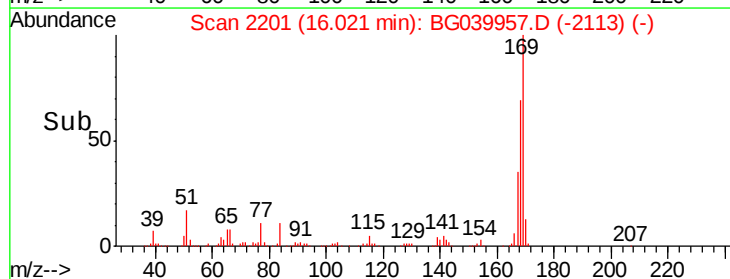
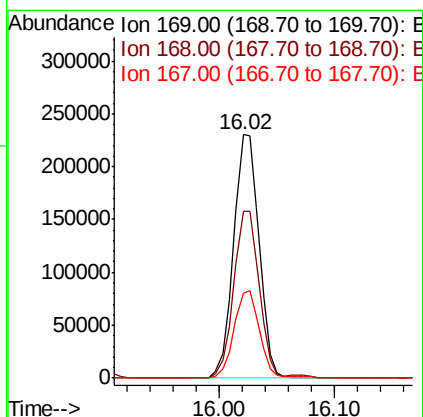
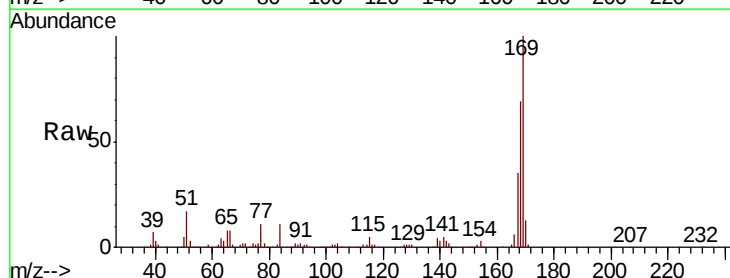
Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

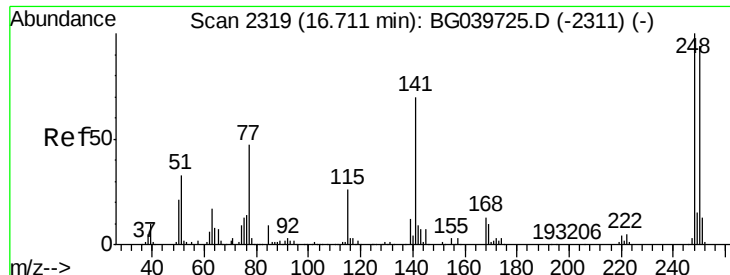
Tgt Ion:198 Resp: 71965
 Ion Ratio Lower Upper
 198 100
 51 45.0 27.4 67.4
 105 37.4 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 40.195 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion:169 Resp: 349863
 Ion Ratio Lower Upper
 169 100
 168 68.6 56.6 85.0
 167 34.9 28.8 43.2

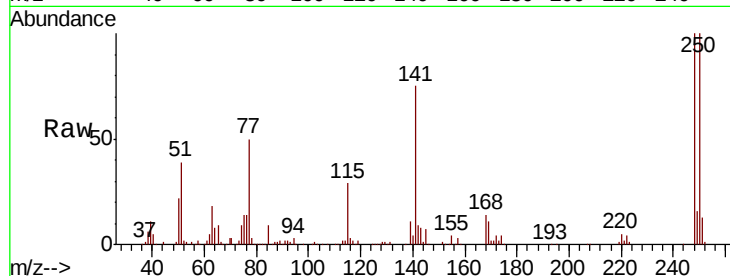




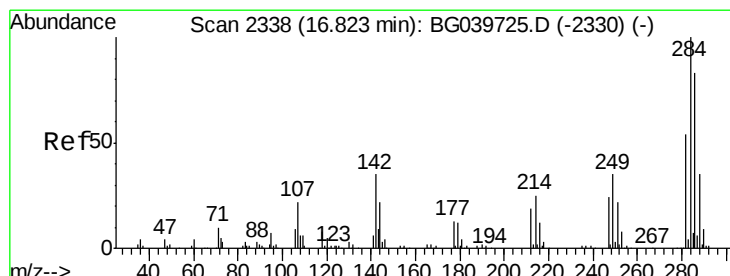
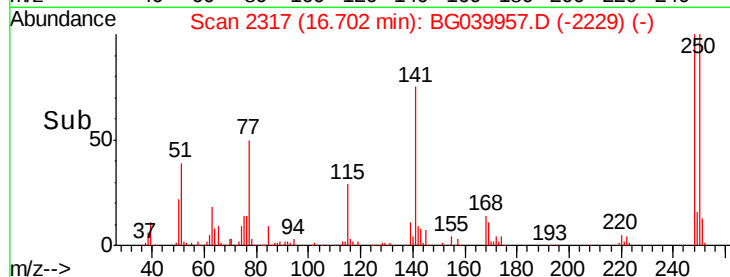
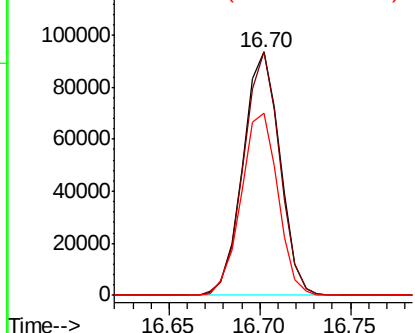
#67
 4-Bromophenyl-phenylether
 Concen: 39.663 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tgt Ion:248 Resp: 133484
 Ion Ratio Lower Upper
 248 100
 250 99.9 77.6 116.4
 141 74.9 63.9 95.9

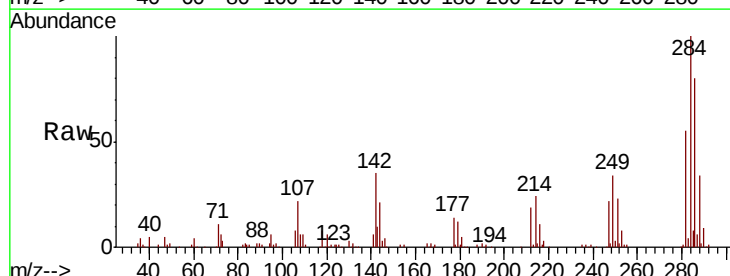


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

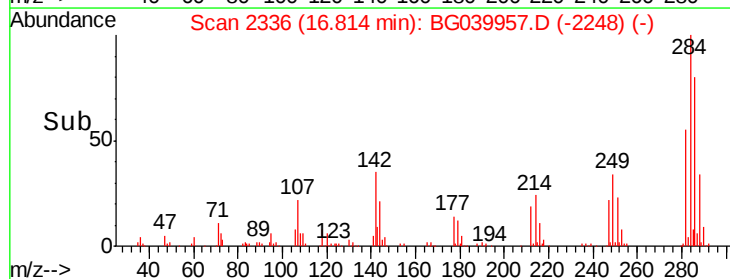
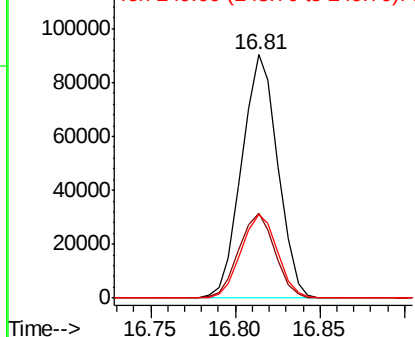


#68
 Hexachlorobenzene
 Concen: 38.464 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion:284 Resp: 134181
 Ion Ratio Lower Upper
 284 100
 142 34.9 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

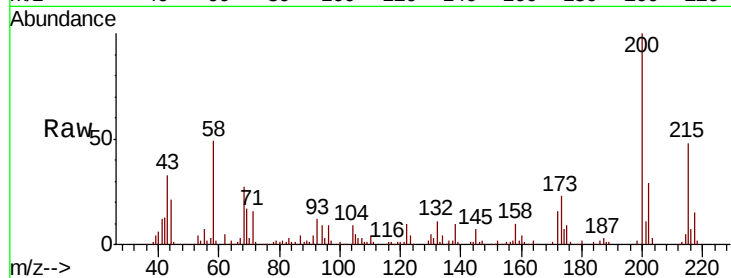




#69
 Atrazine
 Concen: 35.458 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.9	3.9	43.9
215	48.1	30.9	70.9

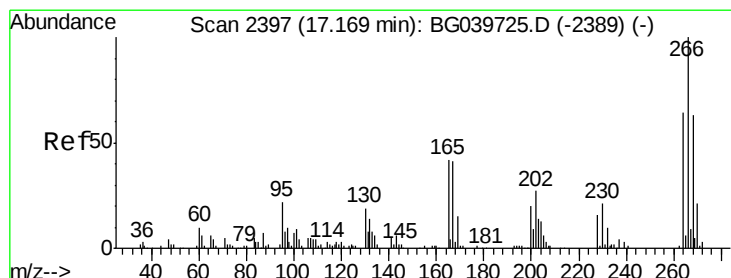
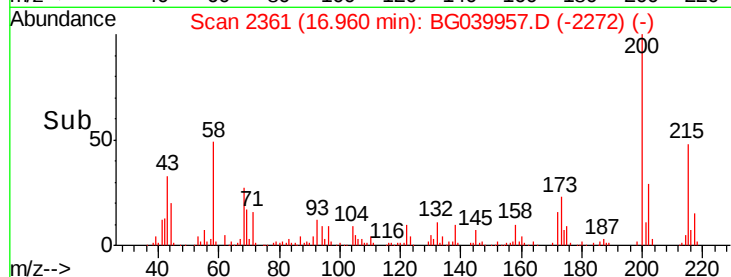
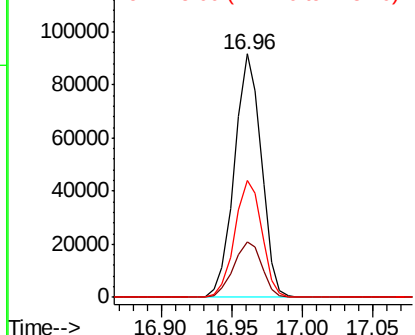


Abundance

Ion 200.00 (199.70 to 200.70): E

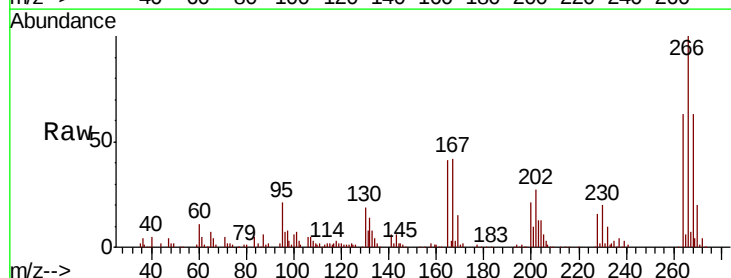
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 72.172 ng
 RT: 17.17 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	62.6	52.1	78.1

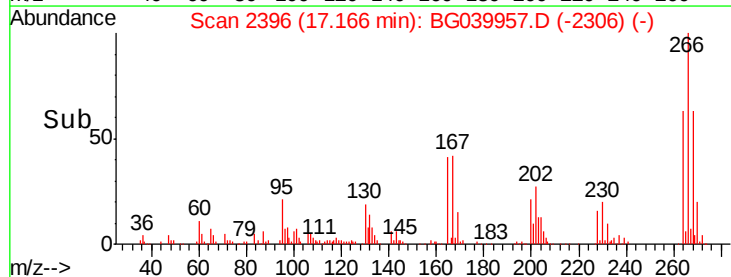
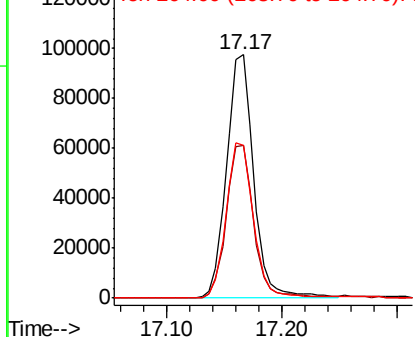


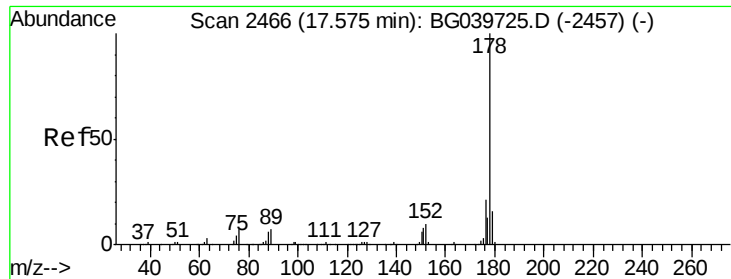
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

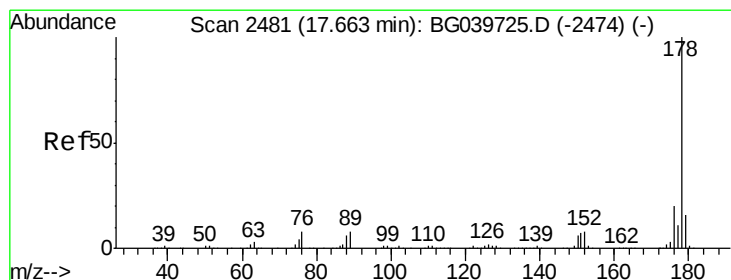
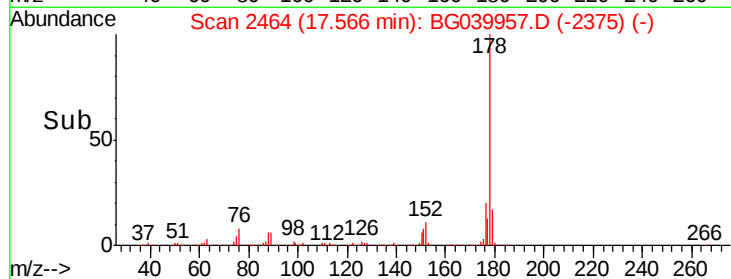
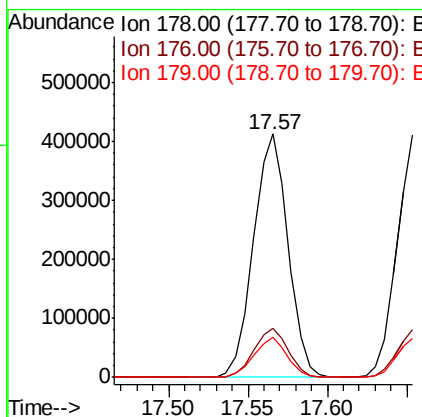
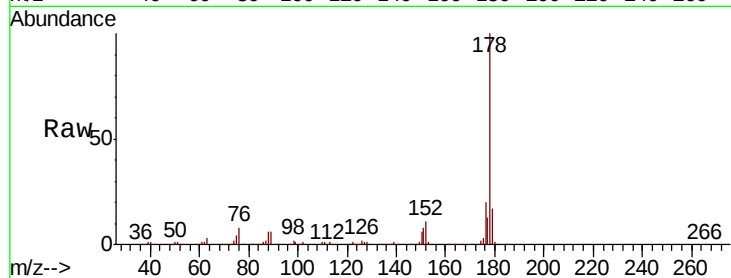




#71
 Phenanthrene
 Concen: 37.634 ng
 RT: 17.57 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

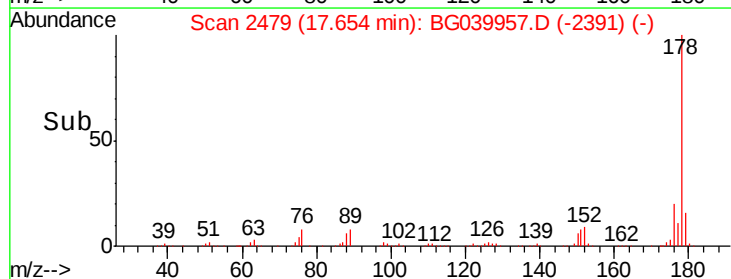
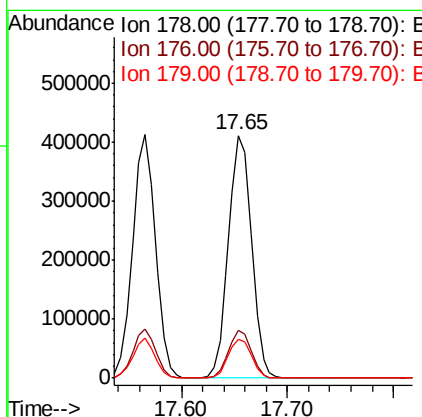
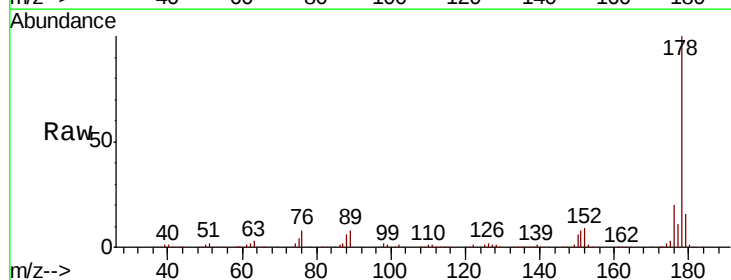
Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

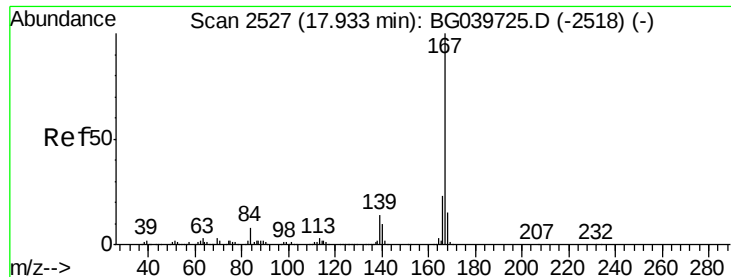
Tgt Ion:178 Resp: 623256
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 16.7 12.6 19.0



#72
 Anthracene
 Concen: 38.565 ng
 RT: 17.65 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion:178 Resp: 622378
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 16.2 12.5 18.7

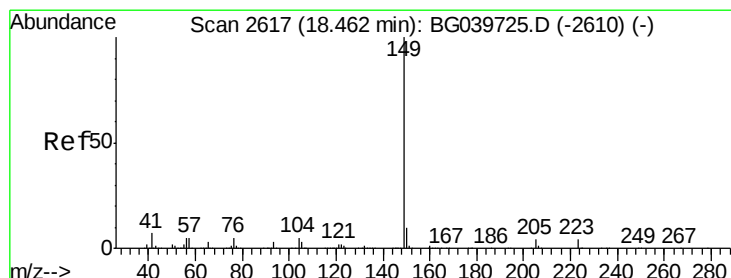
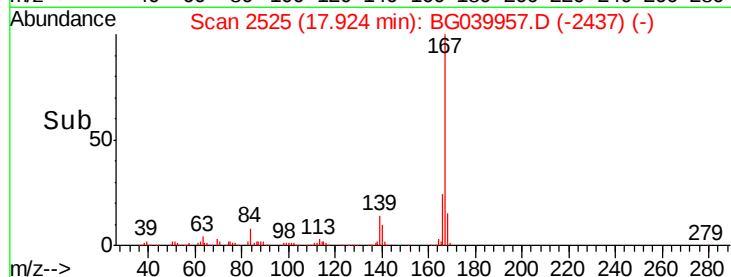
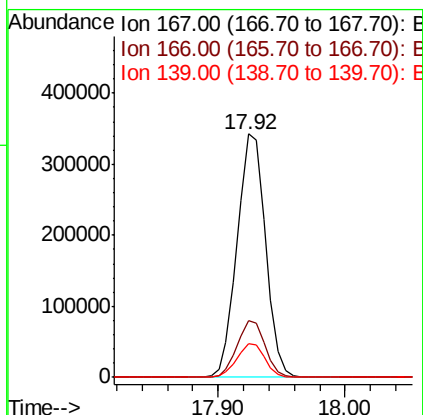
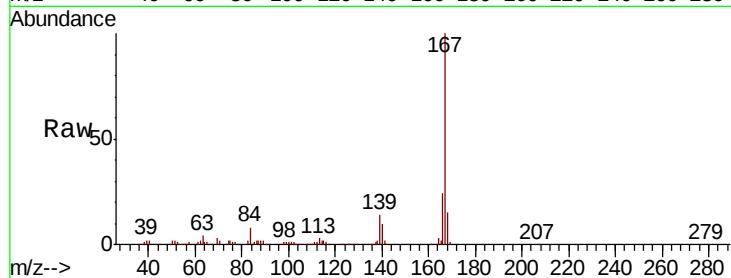




#73
 Carbazole
 Concen: 36.510 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

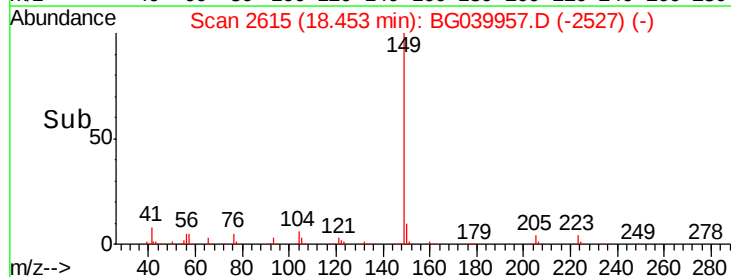
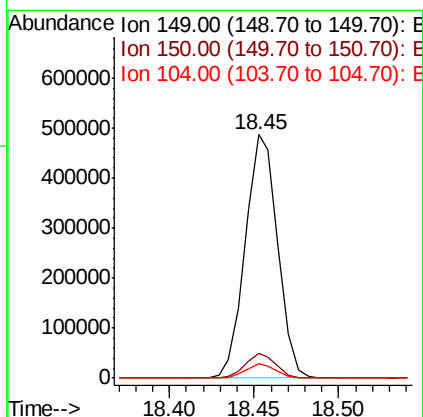
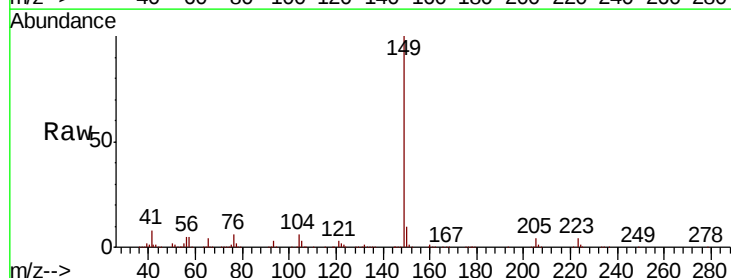
Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

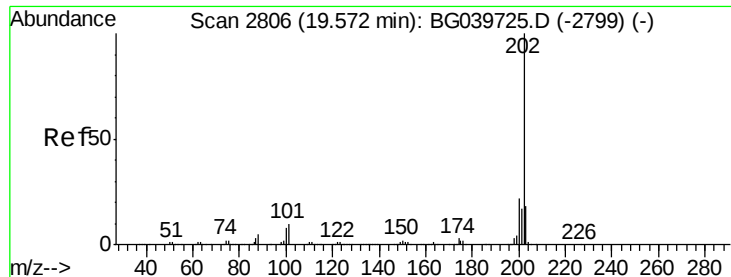
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.4	29.2
139	14.1	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 37.815 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.9	4.5	6.7





#75

Fluoranthene

Concen: 36.922 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

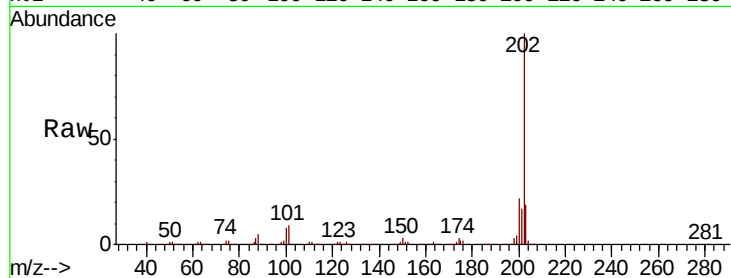
Instrument :

BNA_G

ClientSampleId :

PB117975BS

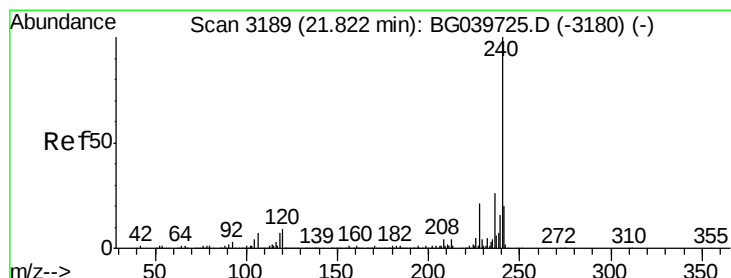
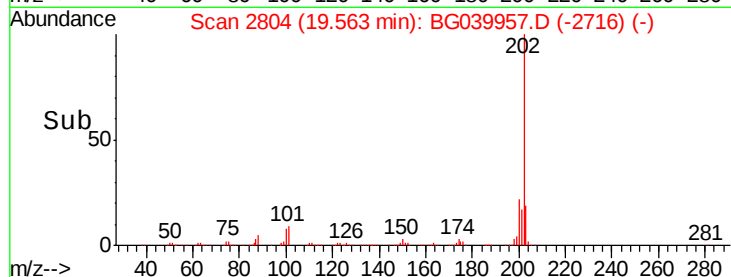
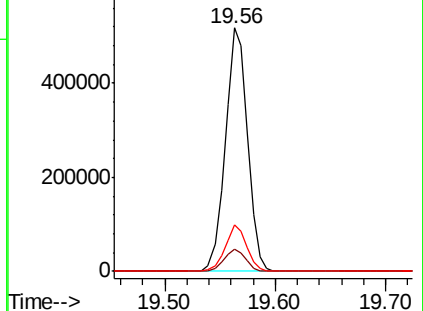
Tgt Ion:	202	Resp:	722639
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	30.0
203	19.3	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

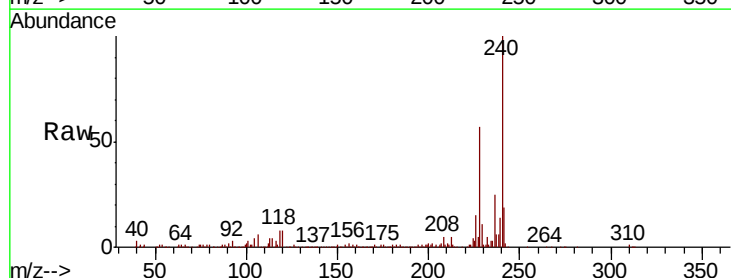
RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

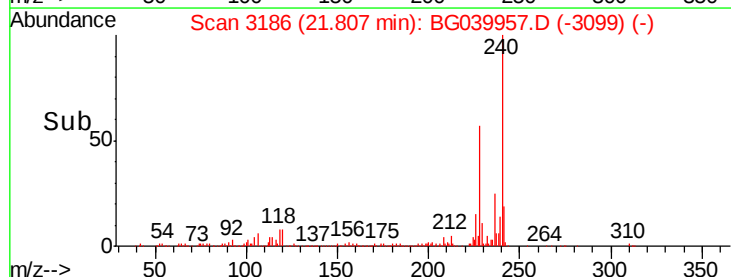
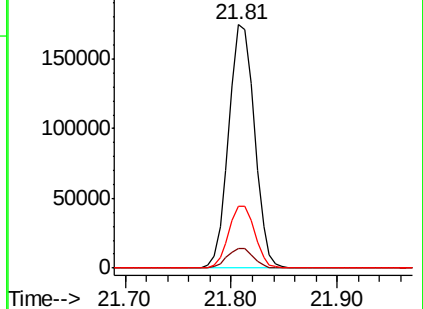
Tgt Ion:	240	Resp:	294631
Ion Ratio	Lower	Upper	
240	100		
120	8.0	7.0	10.6
236	25.3	21.0	31.4

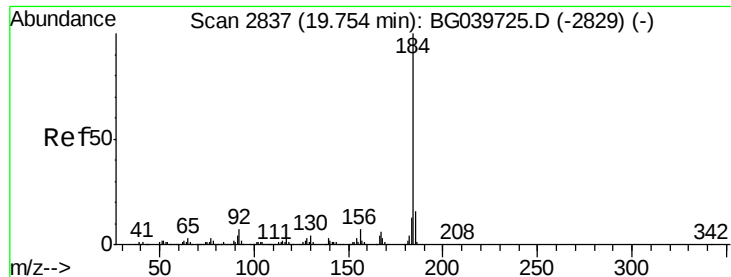


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

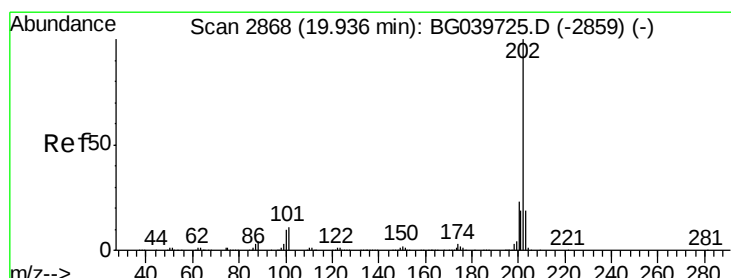
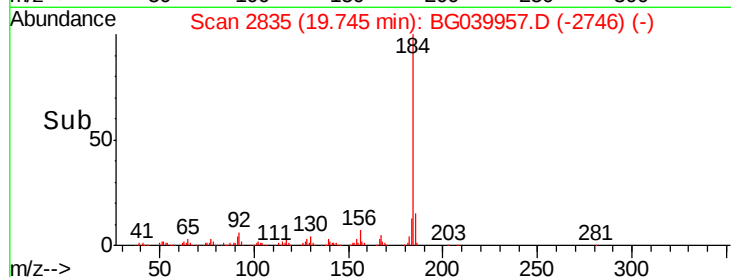
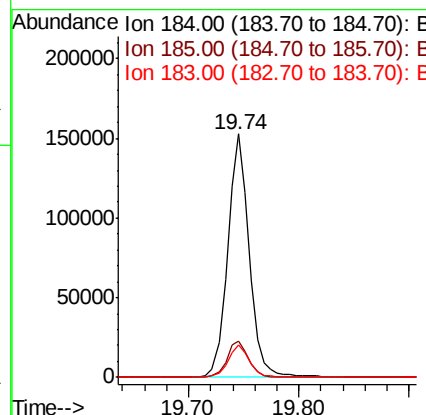
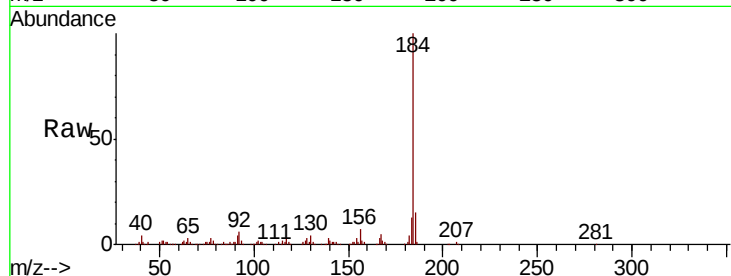




#77
Benzidine
Concen: 22.232 ng
RT: 19.74 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

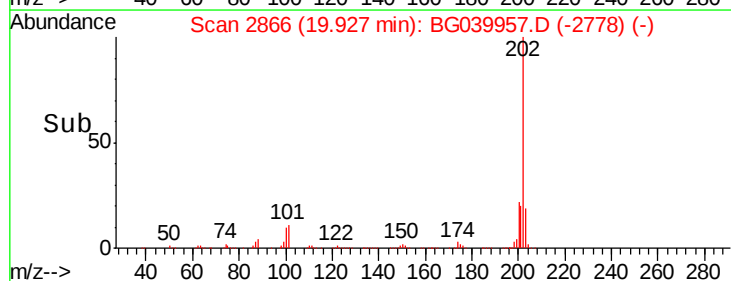
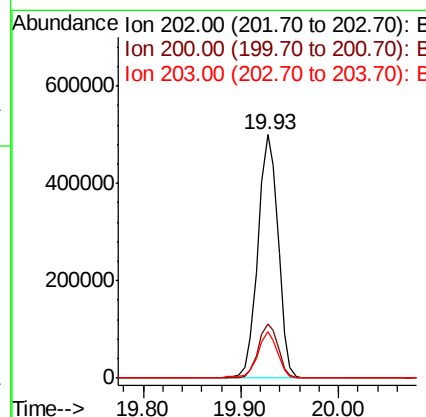
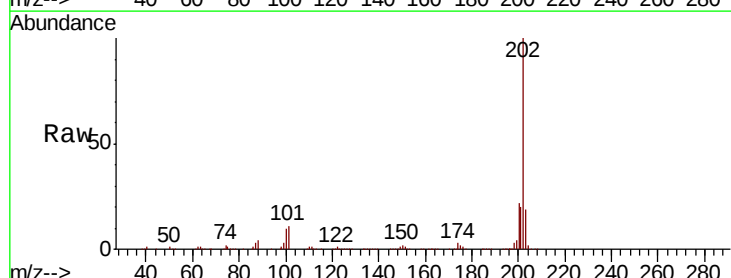
Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.2
183	13.2	10.6	15.8



#78
Pyrene
Concen: 37.789 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.8
203	18.9	15.3	22.9





#79

Terphenyl-d14

Concen: 76.656 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

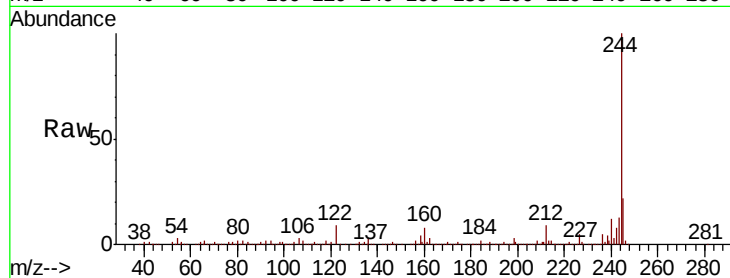
Tgt Ion:244 Resp: 1025765

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

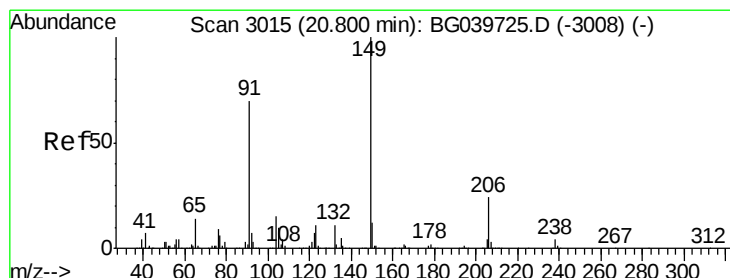
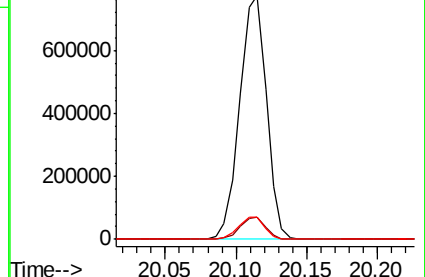
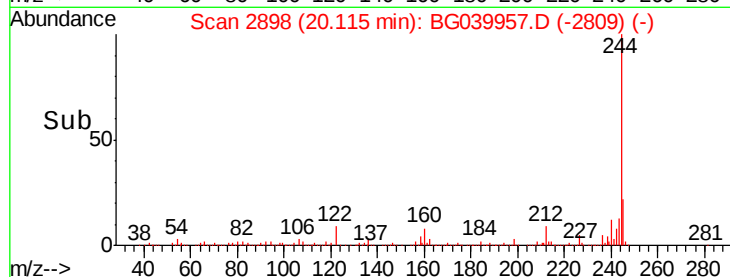
122 9.0 8.4 12.6



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: 40.675 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

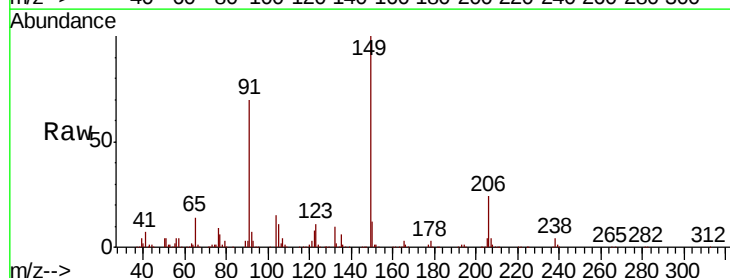
Tgt Ion:149 Resp: 301703

Ion Ratio Lower Upper

149 100

91 69.6 59.5 89.3

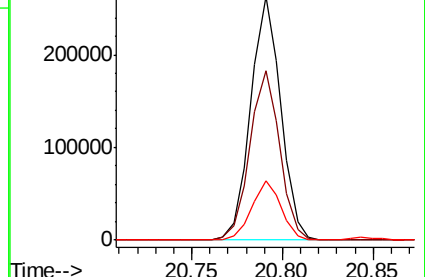
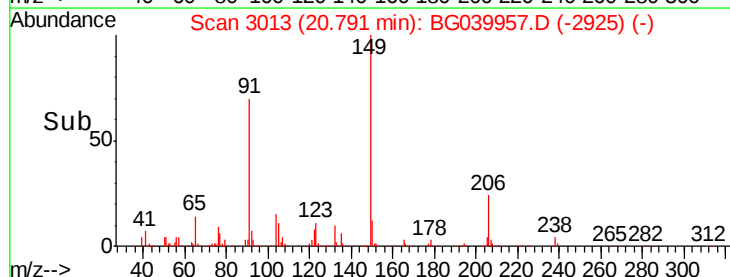
206 24.1 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

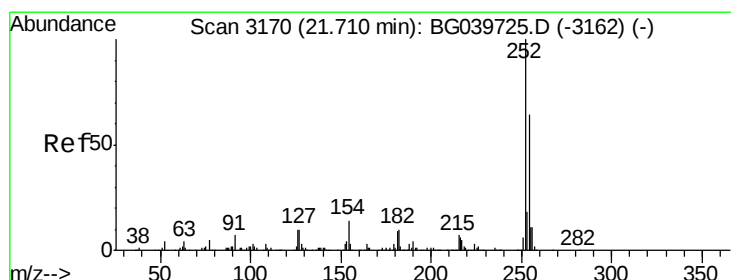
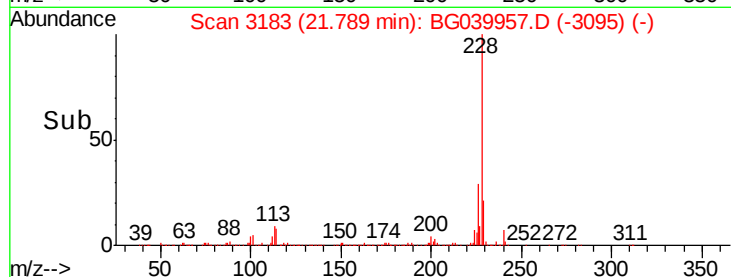
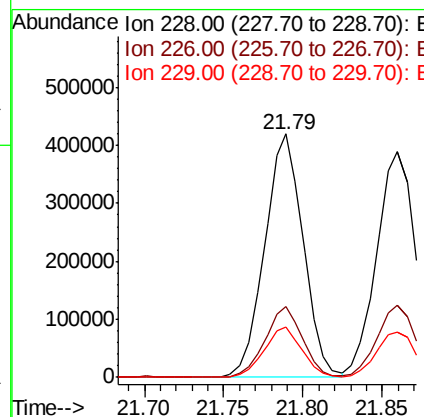
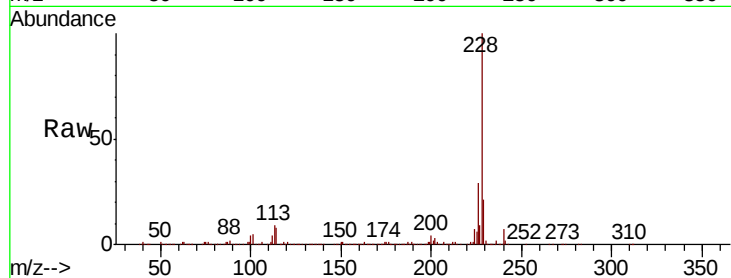




#81
Benzo(a)anthracene
Concen: 38.370 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

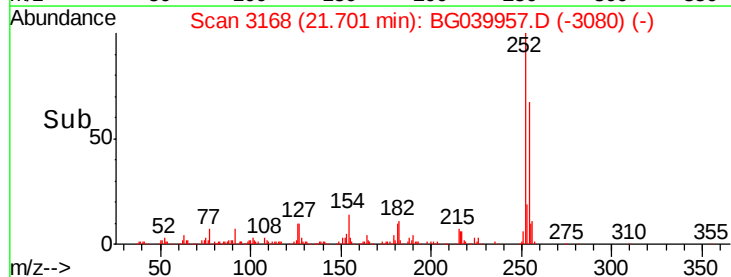
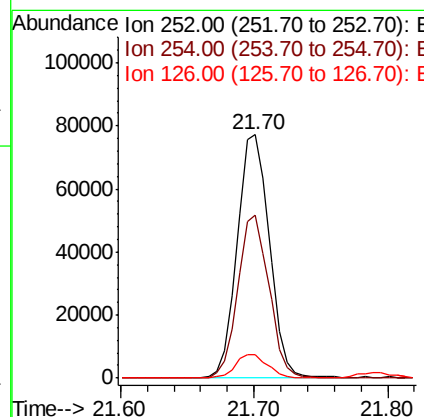
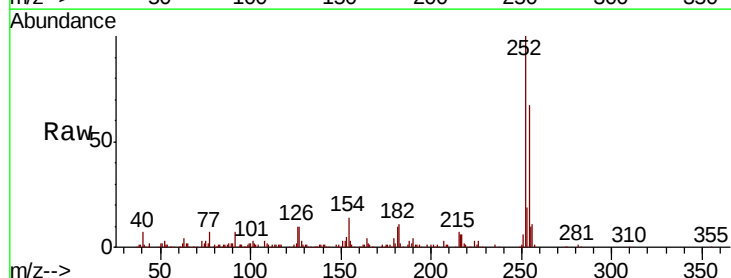
Instrument :
BNA_G
ClientSampleId :
PB117975BS

Tgt Ion: 228 Resp: 708511
Ion Ratio Lower Upper
228 100
226 29.0 23.0 34.6
229 20.9 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 19.193 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion: 252 Resp: 129389
Ion Ratio Lower Upper
252 100
254 66.9 51.3 76.9
126 9.7 8.0 12.0





#83

Chrysene

Concen: 36.783 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

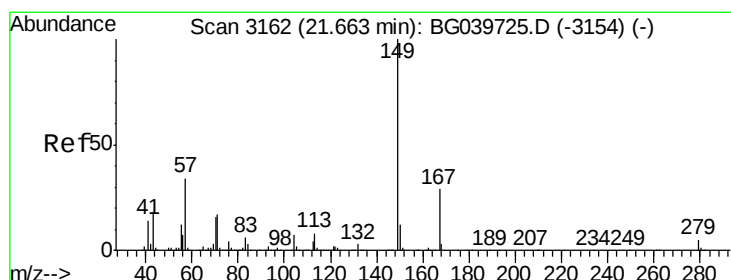
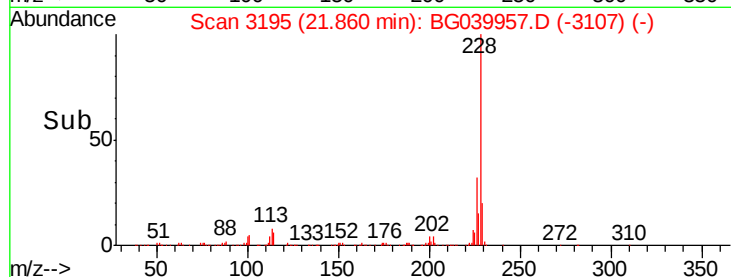
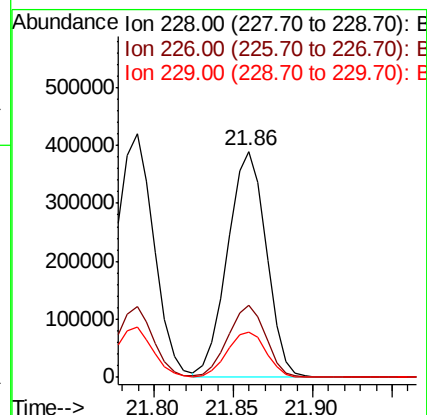
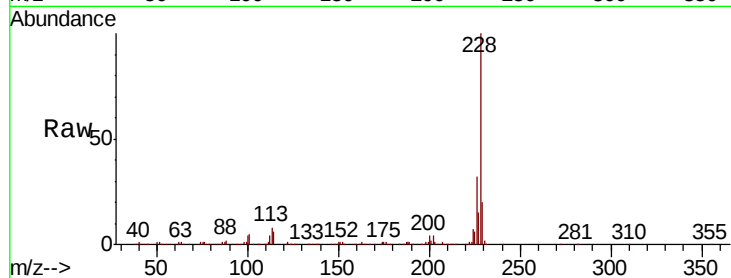
Tgt Ion:228 Resp: 658485

Ion Ratio Lower Upper

228 100

226 31.7 25.8 38.6

229 20.0 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.473 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

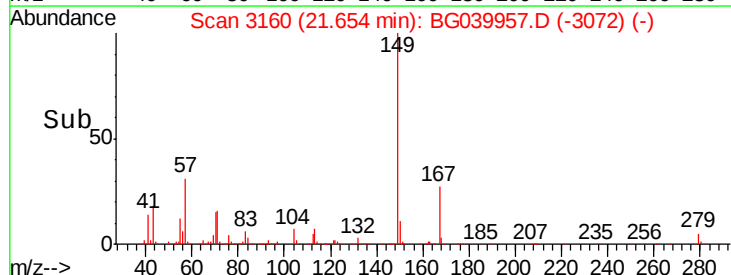
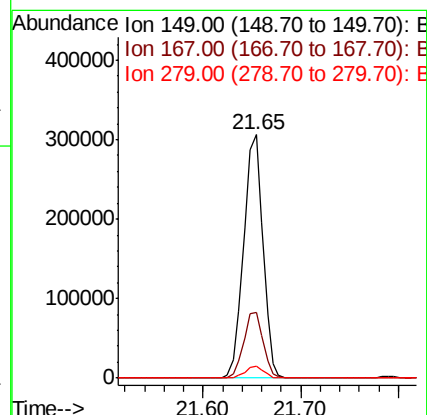
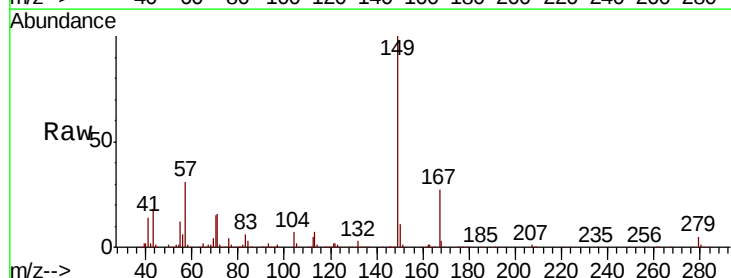
Tgt Ion:149 Resp: 421854

Ion Ratio Lower Upper

149 100

167 26.9 22.6 34.0

279 5.1 3.5 5.3

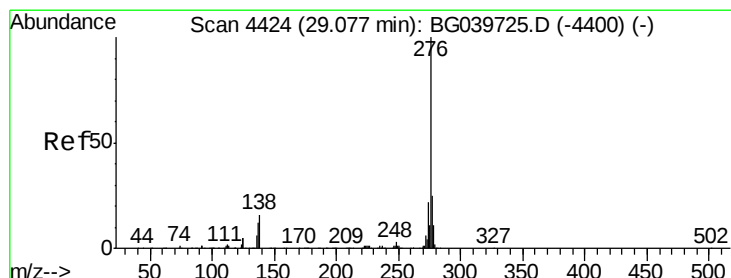
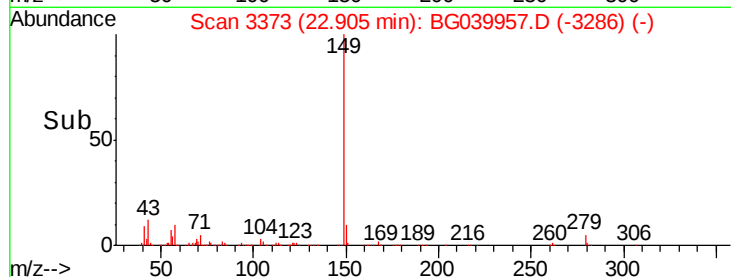
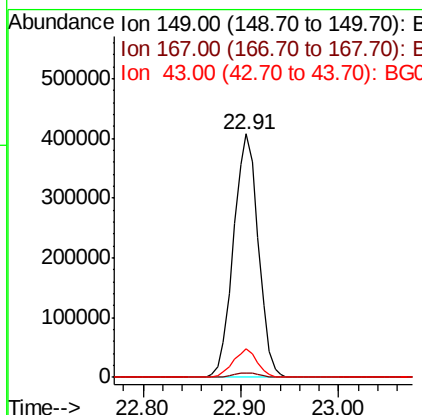
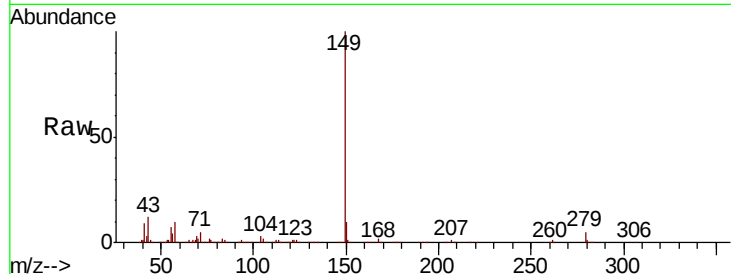




#85
Di-n-octyl phthalate
Concen: 41.385 ng
RT: 22.91 min Scan# 3373
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

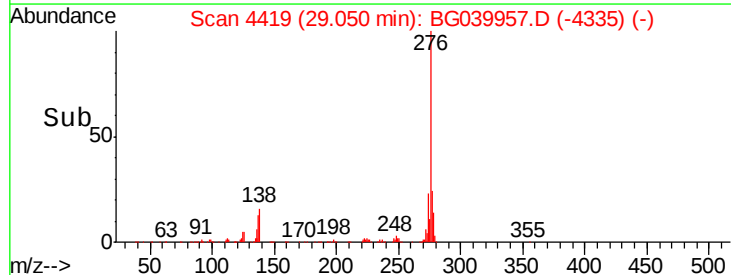
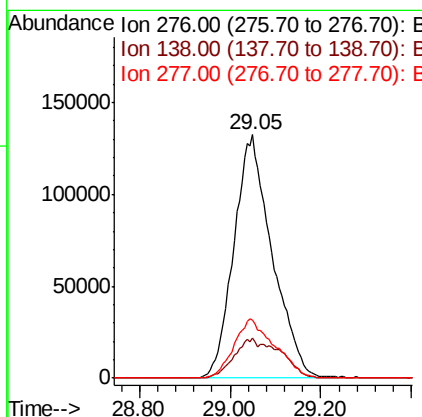
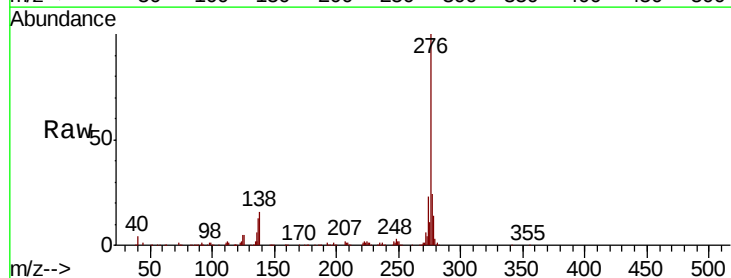
Instrument :
BNA_G
ClientSampleId :
PB117975BS

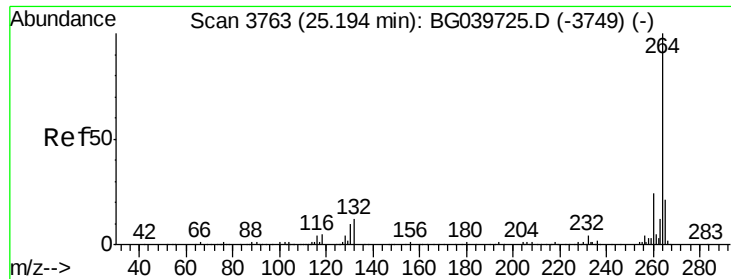
Tgt Ion:149 Resp: 714248
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 11.1 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.168 ng
RT: 29.05 min Scan# 4419
Delta R.T. -0.04 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion:276 Resp: 775143
Ion Ratio Lower Upper
276 100
138 19.8 12.6 19.0#
277 25.9 20.8 31.2

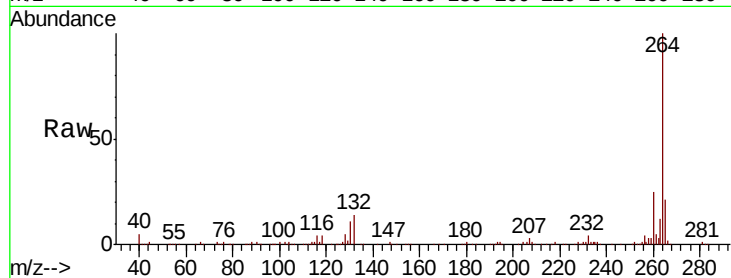




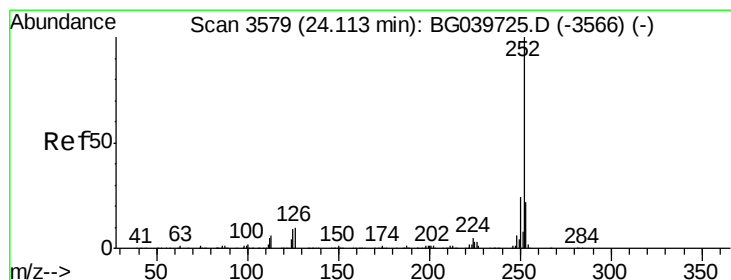
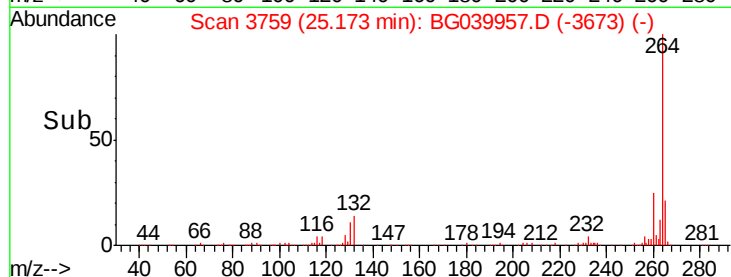
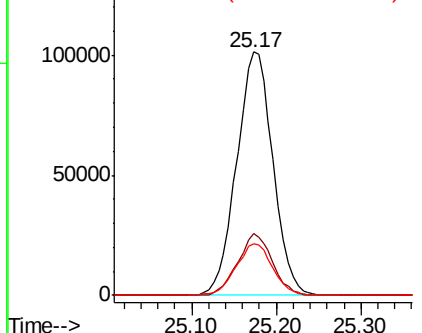
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.17 min Scan# 3759
 Delta R.T. -0.03 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117975BS

Tgt Ion:	264	Resp:	300759
Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.2	27.4
265	21.0	18.5	27.7

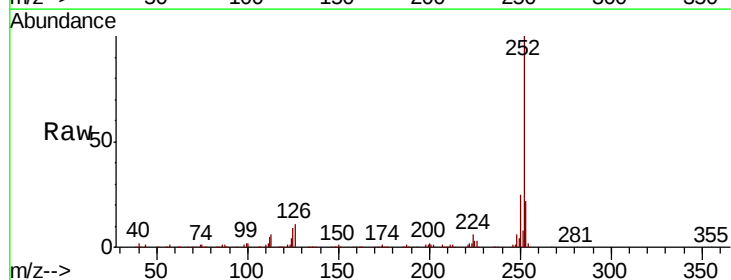


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

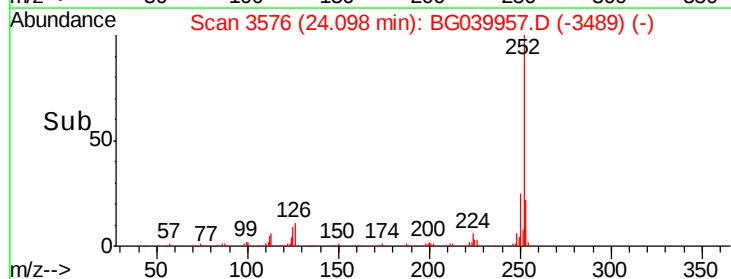
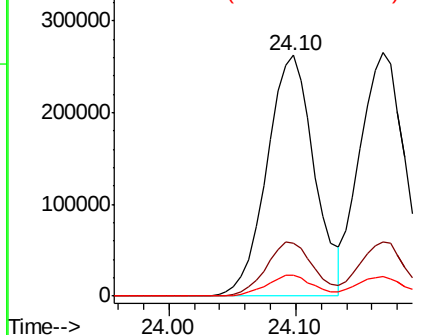


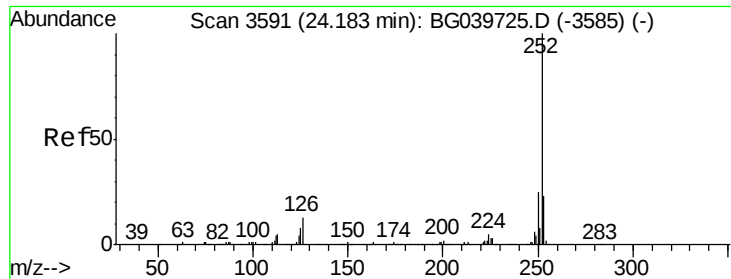
#88
 Benzo(b)fluoranthene
 Concen: 38.108 ng
 RT: 24.10 min Scan# 3576
 Delta R.T. -0.02 min
 Lab File: BG039957.D
 Acq: 16 Mar 2019 1:54

Tgt Ion:	252	Resp:	683466
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	8.8	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

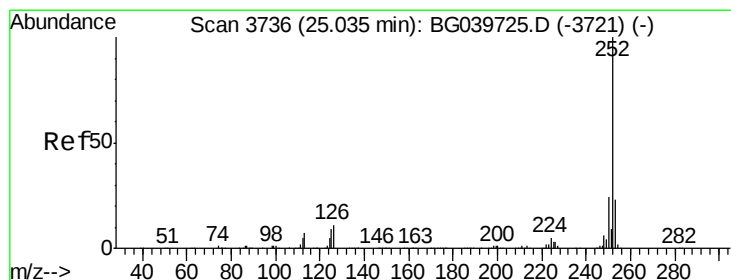
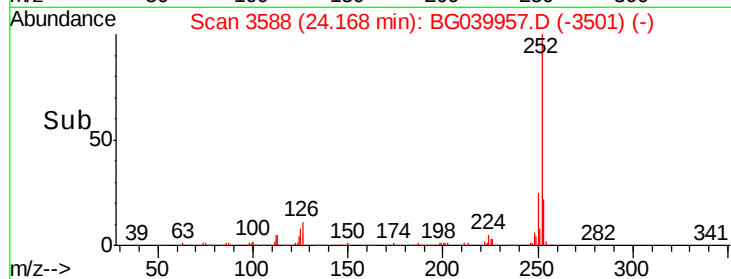
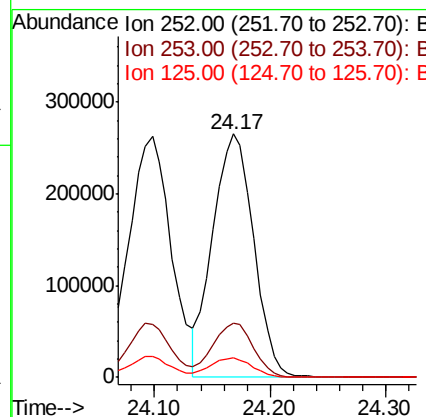
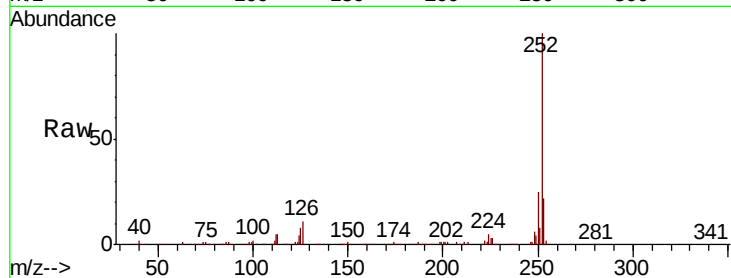




#89
Benzo(k)fluoranthene
Concen: 38.988 ng
RT: 24.17 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

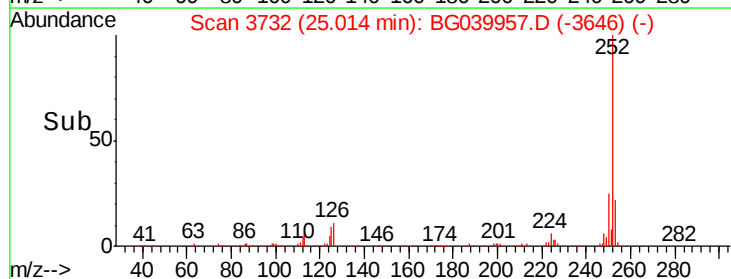
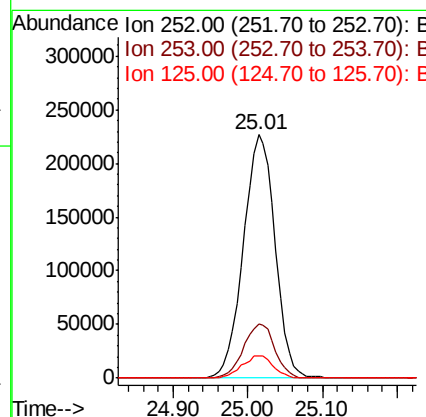
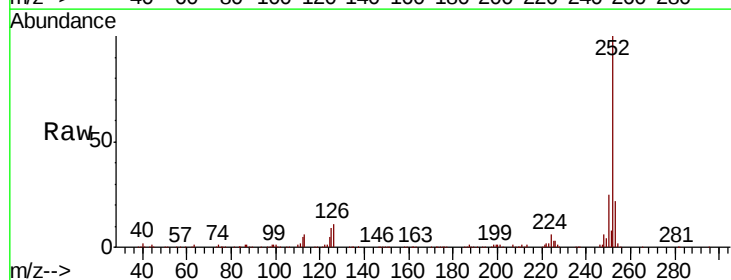
Instrument :
BNA_G
ClientSampleId :
PB117975BS

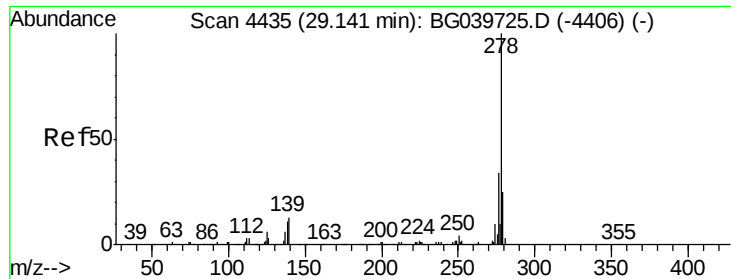
Tgt Ion:252 Resp: 650890
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 7.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.278 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG039957.D
Acq: 16 Mar 2019 1:54

Tgt Ion:252 Resp: 667514
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 38.566 ng

RT: 29.11 min Scan# 4430

Delta R.T. -0.04 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

Instrument :

BNA_G

ClientSampleId :

PB117975BS

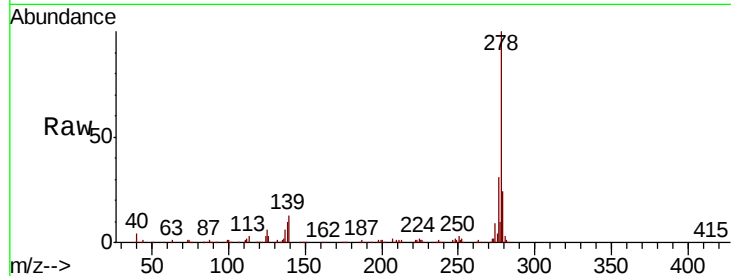
Tgt Ion:278 Resp: 626592

Ion Ratio Lower Upper

278 100

139 13.2 11.7 17.5

279 23.8 19.1 28.7

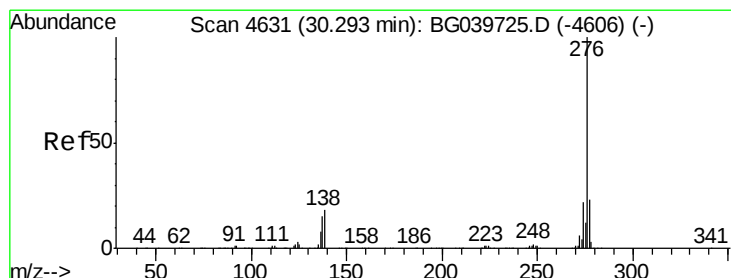
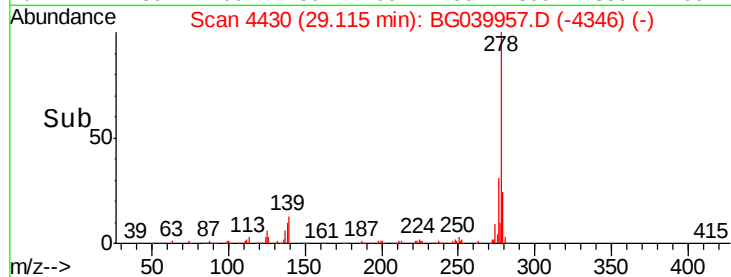
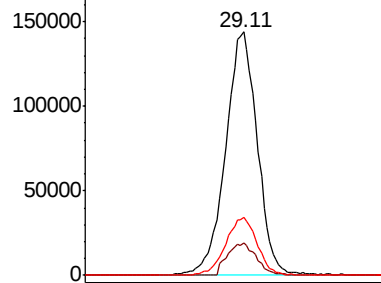


Abundance

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: 39.039 ng

RT: 30.27 min Scan# 4627

Delta R.T. -0.04 min

Lab File: BG039957.D

Acq: 16 Mar 2019 1:54

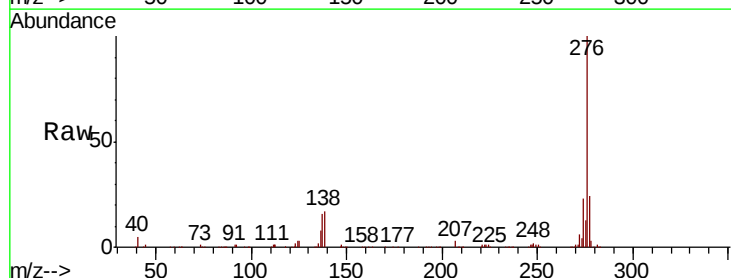
Tgt Ion:276 Resp: 637018

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 17.1 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

