

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039921.D
 Acq On : 14 Mar 2019 3:21
 Operator : JU/SJ
 Sample : PB117850BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

Quant Time: Mar 14 04:21:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40674	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	174651	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	120982	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	299740	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	309463	20.00	ng	-0.02
87) Perylene-d12	25.17	264	319141	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	338202	141.85	ng	-0.02
7) Phenol-d6	7.30	99	477351	134.28	ng	-0.01
23) Nitrobenzene-d5	9.33	82	287719	89.10	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	186950	132.58	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	692665	81.52	ng	-0.02
79) Terphenyl-d14	20.11	244	1150465	81.85	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	38787	35.238	ng	94
3) Pyridine	3.98	79	101417	34.416	ng	96
4) n-Nitrosodimethylamine	3.90	42	60239	43.092	ng	88
6) Aniline	7.47	93	91184	19.578	ng	98
8) 2-Chlorophenol	7.71	128	118267	40.888	ng	97
9) Benzaldehyde	7.29	77	55885	24.370	ng	97
10) Phenol	7.32	94	160311	41.627	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	114600	38.167	ng	99
12) 1,3-Dichlorobenzene	8.03	146	128372	39.242	ng	95
13) 1,4-Dichlorobenzene	8.18	146	129566	38.884	ng	97
14) 1,2-Dichlorobenzene	8.50	146	122158	37.944	ng	99
15) Benzyl Alcohol	8.39	79	113069	40.096	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.66	45	238847	39.773	ng	99
17) 2-Methylphenol	8.58	107	101960	41.521	ng	98
18) Hexachloroethane	9.23	117	46734	39.088	ng	100
19) n-Nitroso-di-n-propylamine	8.95	70	95812	37.445	ng	96
20) 3+4-Methylphenols	8.91	107	143710	42.126	ng	98
22) Acetophenone	8.98	105	181798	38.783	ng	# 96
24) Nitrobenzene	9.37	77	143958	42.494	ng	99
25) Isophorone	9.88	82	272442	40.264	ng	99
26) 2-Nitrophenol	10.08	139	69285	42.359	ng	94
27) 2,4-Dimethylphenol	10.12	122	120031	47.184	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	165999	40.370	ng	99
29) 2,4-Dichlorophenol	10.61	162	130480	45.556	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	132325	41.058	ng	97
31) Naphthalene	11.02	128	377001	40.770	ng	99
32) Benzoic acid	10.21	122	12209	12.627	ng	96
33) 4-Chloroaniline	11.13	127	45999	11.731	ng	97
34) Hexachlorobutadiene	11.28	225	88024	39.968	ng	93
35) Caprolactam	11.91	113	45161	41.277	ng	92
36) 4-Chloro-3-methylphenol	12.23	107	141333	43.047	ng	99
37) 2-Methylnaphthalene	12.61	142	284406	41.139	ng	96
38) 1-Methylnaphthalene	12.83	142	268695	39.994	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	160095	39.061	ng	99

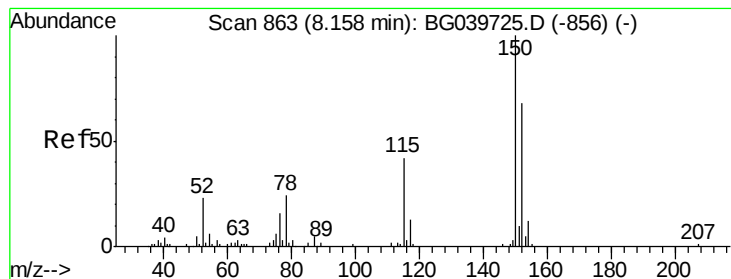
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	215438	98.085	nq	99
43) 2,4,6-Trichlorophenol	13.21	196	109190	45.505	nq	94
44) 2,4,5-Trichlorophenol	13.28	196	114958	42.503	nq	98
46) 1,1'-Biphenyl	13.61	154	388613	39.054	nq	99
47) 2-Chloronaphthalene	13.66	162	297944	39.801	nq	99
48) 2-Nitroaniline	13.87	65	104839	43.580	nq	99
49) Acenaphthylene	14.50	152	480043	39.064	nq	99
50) Dimethylphthalate	14.22	163	404561	39.991	nq	99
51) 2,6-Dinitrotoluene	14.35	165	89352	41.663	nq	95
52) Acenaphthene	14.84	154	292443	39.539	nq	100
53) 3-Nitroaniline	14.68	138	37434	17.364	nq	# 97
54) 2,4-Dinitrophenol	14.89	184	15478	15.948	nq	98
55) Dibenzofuran	15.17	168	479138	39.484	nq	98
56) 4-Nitrophenol	14.98	139	145735	75.568	nq	94
57) 2,4-Dinitrotoluene	15.14	165	127565	42.332	nq	90
58) Fluorene	15.82	166	381470	39.988	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	114592	43.382	nq	99
60) Diethylphthalate	15.57	149	413662	41.306	nq	97
61) 4-Chlorophenyl-phenylether	15.81	204	203574	39.990	nq	97
62) 4-Nitroaniline	15.85	138	97688	41.798	nq	94
63) Azobenzene	16.10	77	373609	41.156	nq	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	24406	13.771	nq	93
66) n-Nitrosodiphenylamine	16.02	169	353056	40.686	nq	98
67) 4-Bromophenyl-phenylether	16.70	248	134450	40.073	nq	94
68) Hexachlorobenzene	16.82	284	138016	39.685	nq	94
69) Atrazine	16.96	200	133437	39.072	nq	99
70) Pentachlorophenol	17.16	266	123509	56.232	nq	98
71) Phenanthrene	17.56	178	656555	39.767	nq	100
72) Anthracene	17.65	178	666496	41.426	nq	99
73) Carbazole	17.93	167	592801	40.871	nq	98
74) Di-n-butylphthalate	18.45	149	718015	42.075	nq	99
75) Fluoranthene	19.56	202	809832	41.504	nq	99
77) Benzidine	19.74	184	182982	18.633	nq	99
78) Pyrene	19.92	202	811133	40.337	nq	99
80) Butylbenzylphthalate	20.79	149	336131	43.145	nq	97
81) Benzo(a)anthracene	21.79	228	803374	41.422	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	118029	16.668	nq	98
83) Chrysene	21.86	228	743954	39.566	nq	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	470265	42.955	nq	99
85) Di-n-octyl phthalate	22.90	149	816535	45.045	nq	97
86) Indeno(1,2,3-cd)pyrene	29.03	276	907349	42.537	nq	99
88) Benzo(b)fluoranthene	24.09	252	784745	41.235	nq	98
89) Benzo(k)fluoranthene	24.16	252	773718	43.676	nq	99
90) Benzo(a)pyrene	25.01	252	772034	43.901	nq	99
91) Dibenzo(a,h)anthracene	29.10	278	740350	42.943	nq	98
92) Benzo(g,h,i)perylene	30.26	276	755791	43.650	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: BG039921.D

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ClientSampleId :

PB117850BS

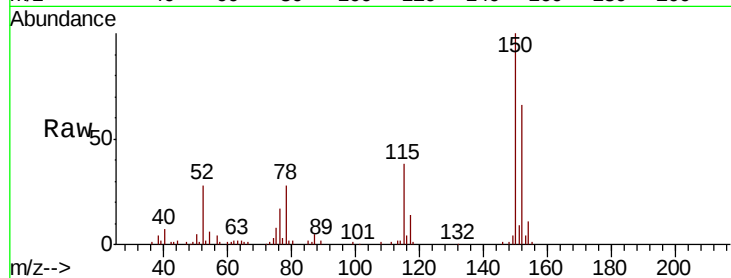
Tot Ion:152 Resp: 40674

Ion Ratio Lower Upper

152 100

150 152.1 123.7 185.5

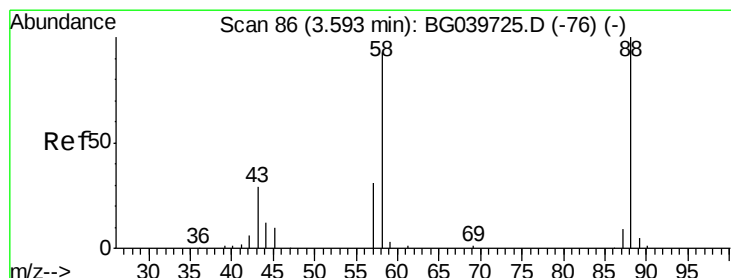
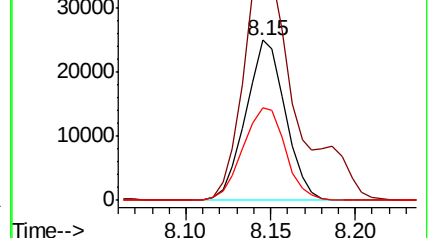
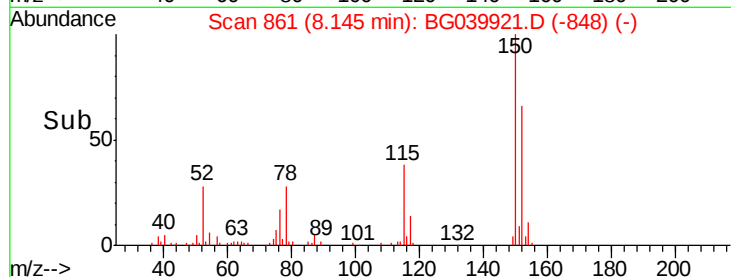
115 58.0 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.238 ng

RT: 3.58 min Scan# 84

Delta R.T. -0.03 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

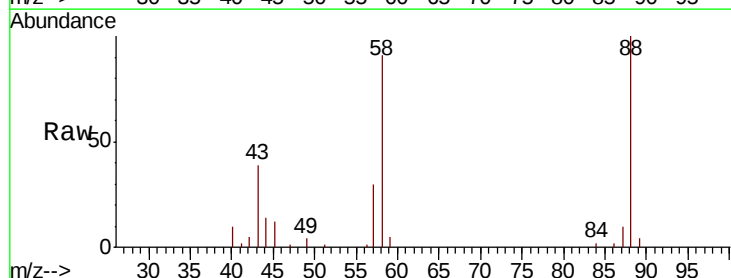
Tgt Ion: 88 Resp: 38787

Ion Ratio Lower Upper

88 100

58 94.8 81.1 121.7

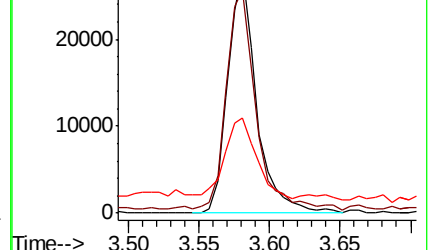
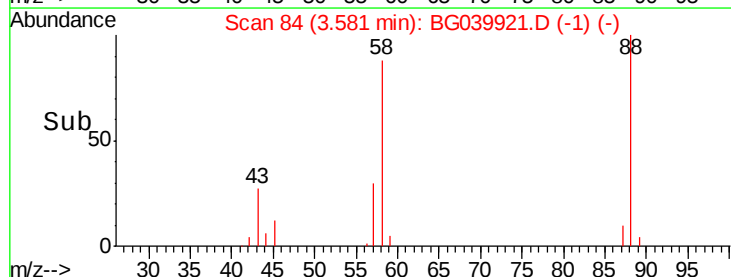
43 36.3 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.416 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.03 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

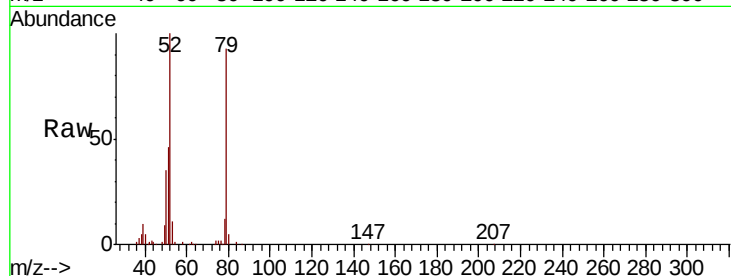
Tot Ion: 79 Resp: 101417

Ion Ratio Lower Upper

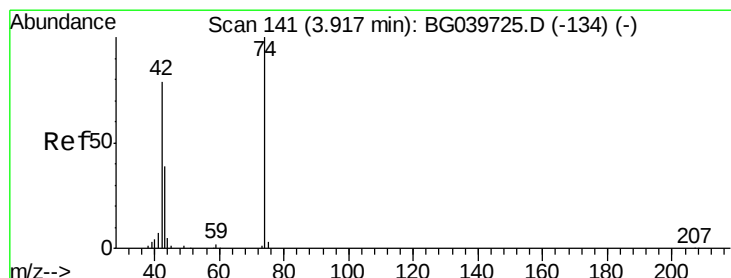
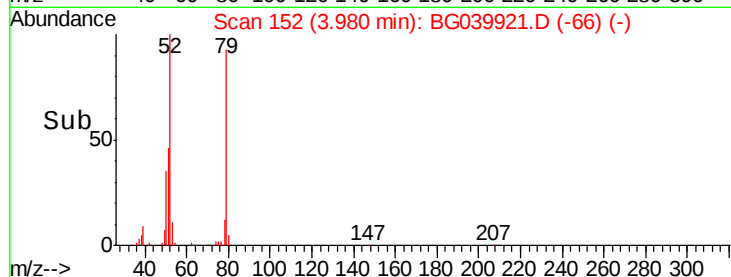
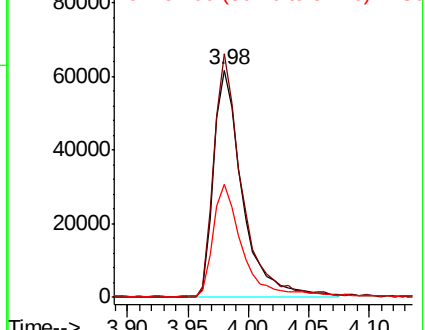
79 100

52 107.1 82.6 124.0

51 49.7 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: 43.092 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.03 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

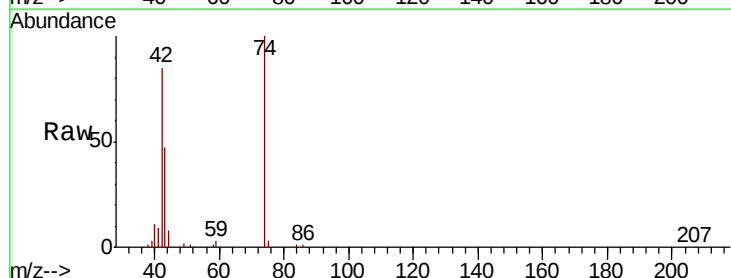
Tgt Ion: 42 Resp: 60239

Ion Ratio Lower Upper

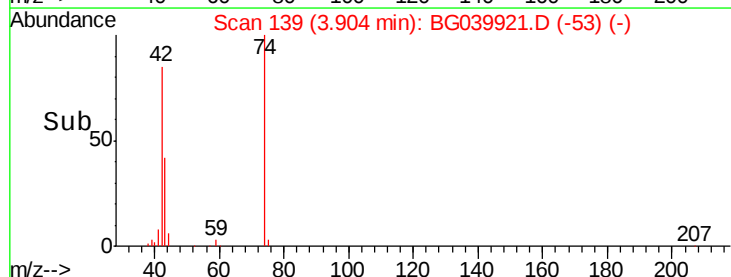
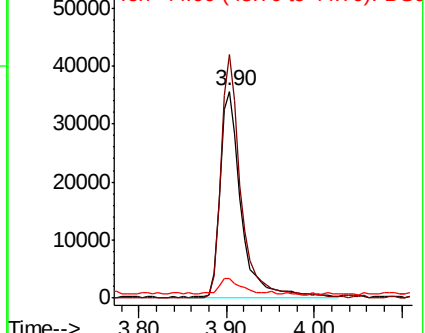
42 100

74 117.6 83.6 125.4

44 9.3 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: 141.854 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

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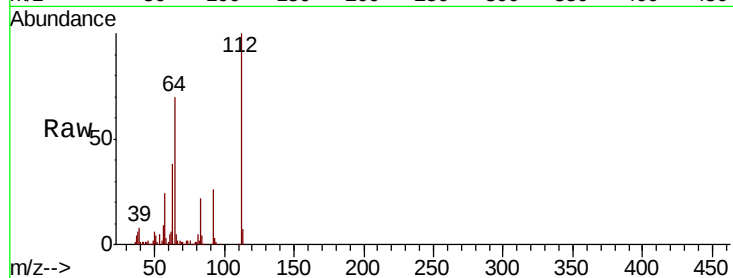
Tot Ion:112 Resp: 338202

Ion Ratio Lower Upper

112 100

64 70.0 57.8 86.8

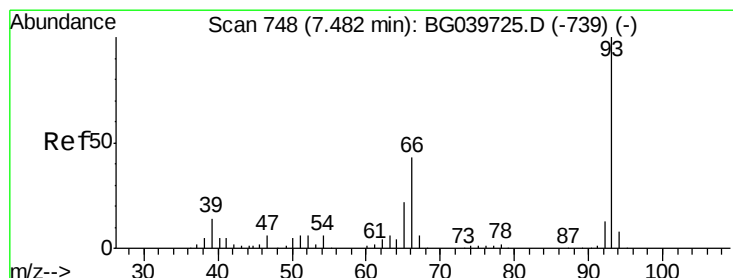
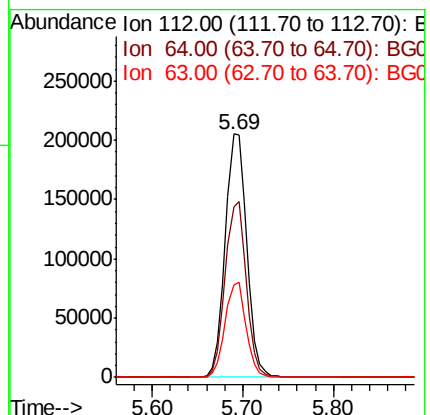
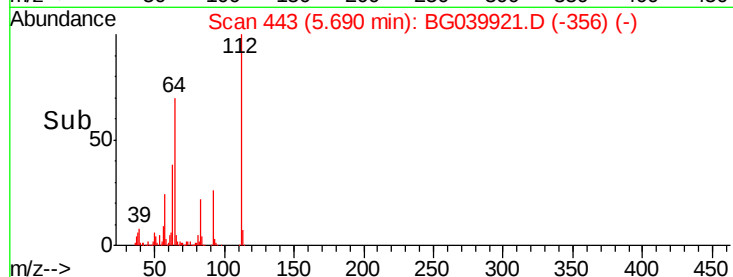
63 38.0 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.578 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

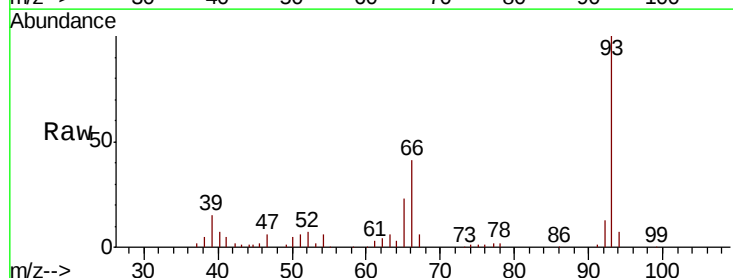
Tgt Ion: 93 Resp: 91184

Ion Ratio Lower Upper

93 100

66 41.3 34.2 51.4

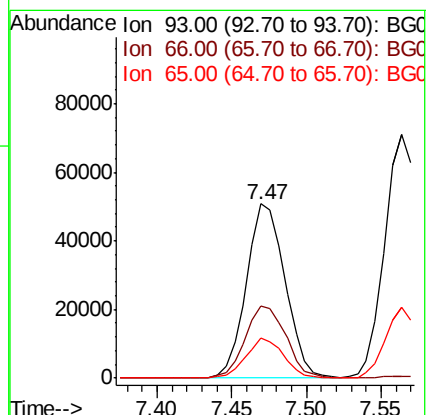
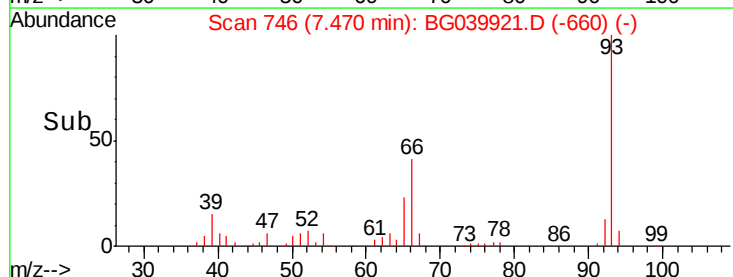
65 22.8 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.279 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039921.D

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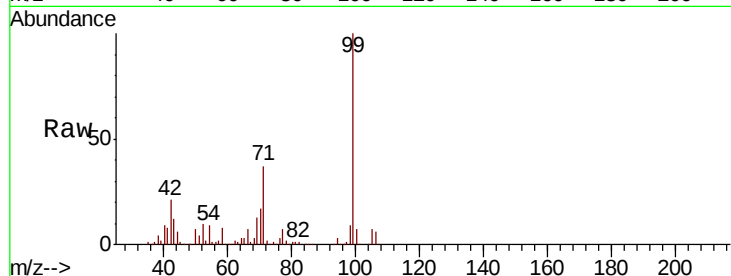
Tot Ion: 99 Resp: 477351

Ion Ratio Lower Upper

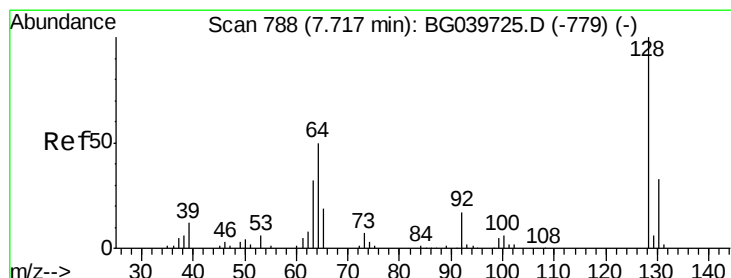
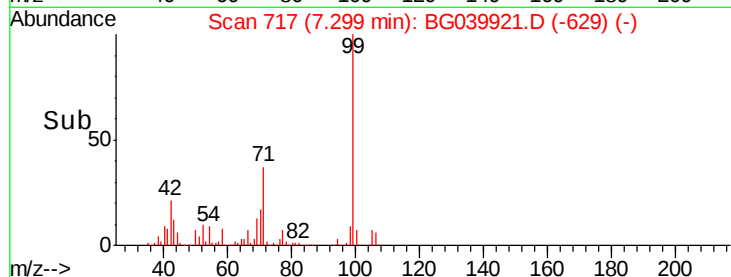
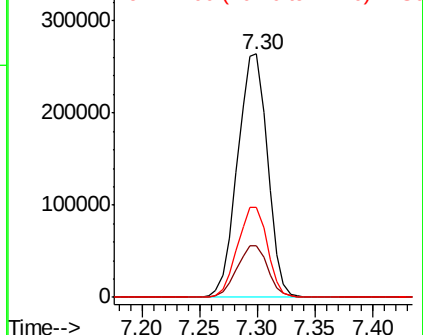
99 100

42 21.4 18.2 27.2

71 37.1 28.0 42.0



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



#8

2-Chlorophenol

Concen: 40.888 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

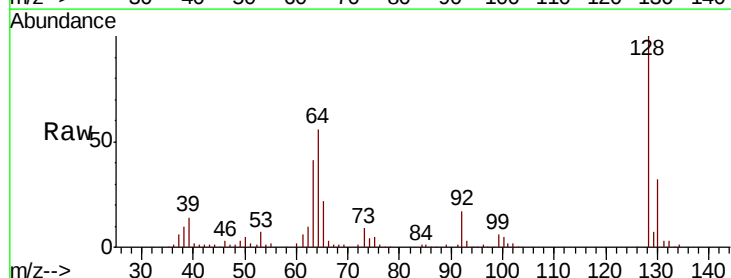
Tgt Ion: 128 Resp: 118267

Ion Ratio Lower Upper

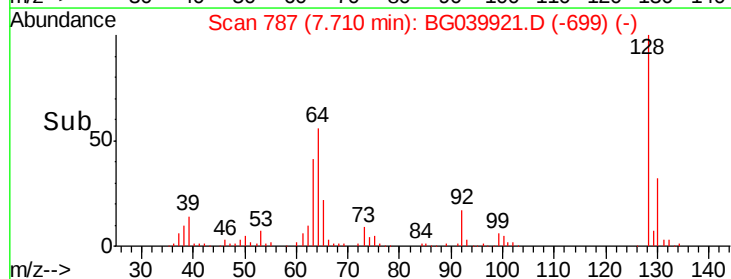
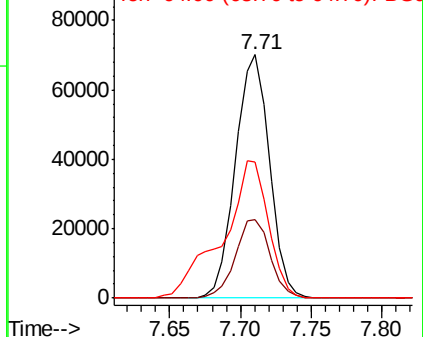
128 100

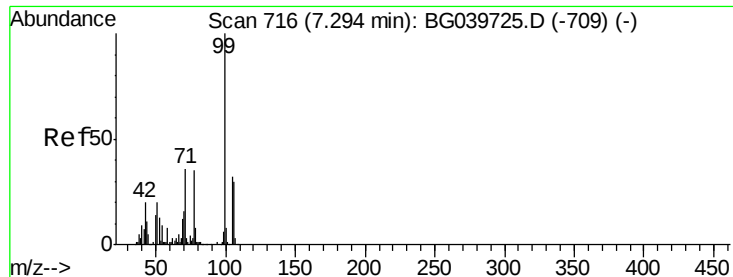
130 32.1 12.9 52.9

64 56.1 38.7 78.7



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





#9

Benzaldehyde

Concen: 24.370 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039921.D

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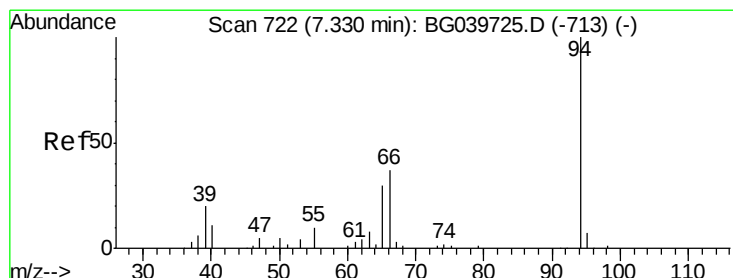
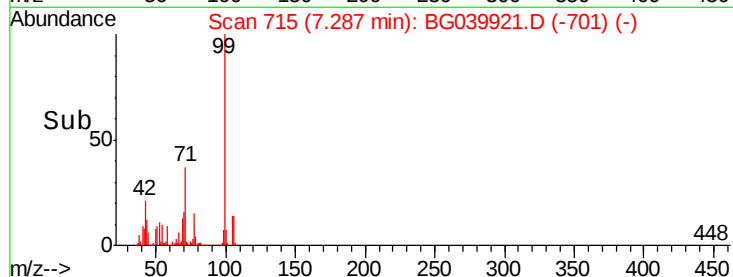
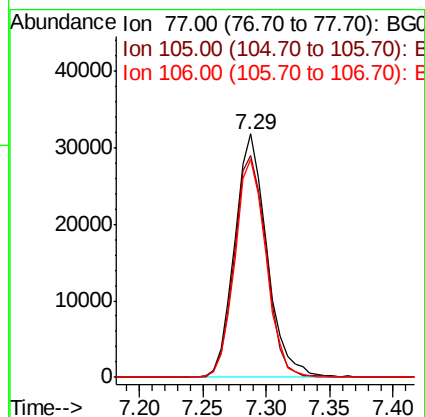
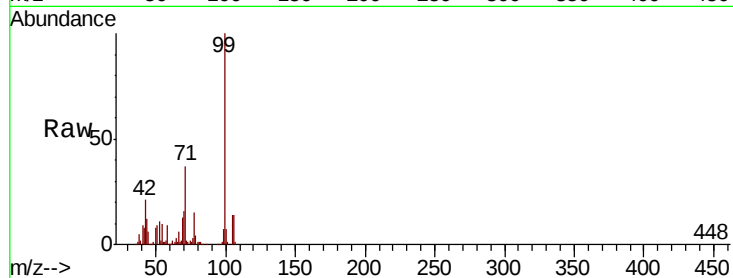
Tot Ion: 77 Resp: 55885

Ion Ratio Lower Upper

77 100

105 90.9 74.5 114.5

106 89.3 68.0 108.0



#10

Phenol

Concen: 41.627 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

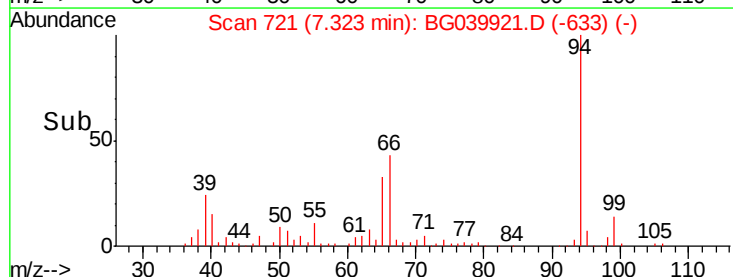
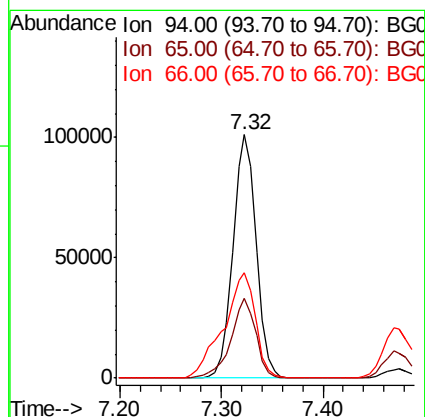
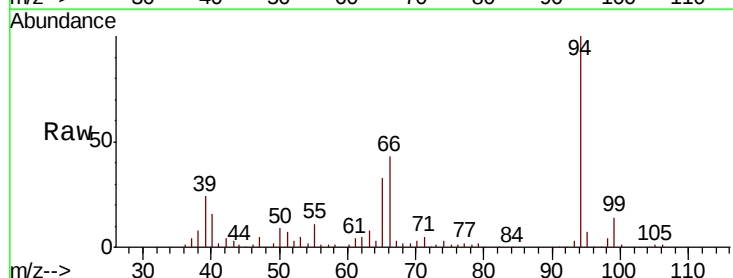
Tgt Ion: 94 Resp: 160311

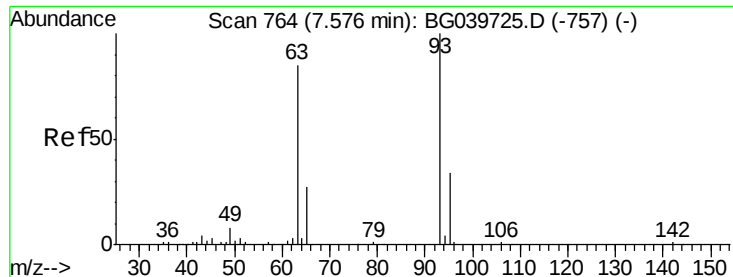
Ion Ratio Lower Upper

94 100

65 32.5 11.7 51.7

66 43.5 23.7 63.7

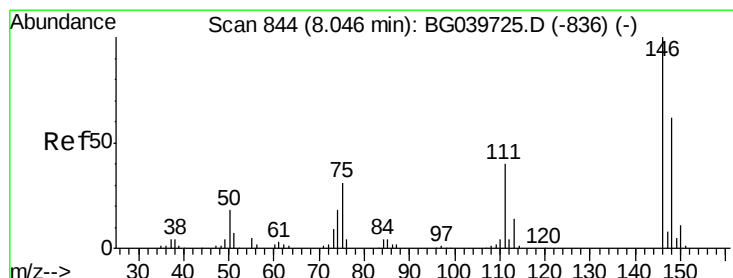
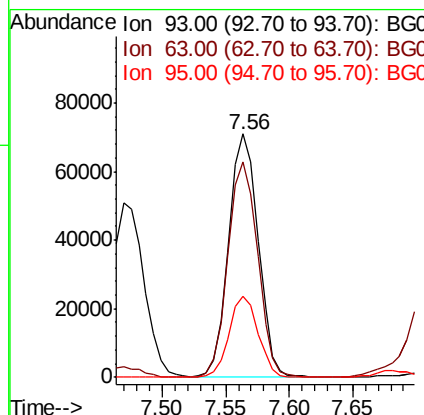
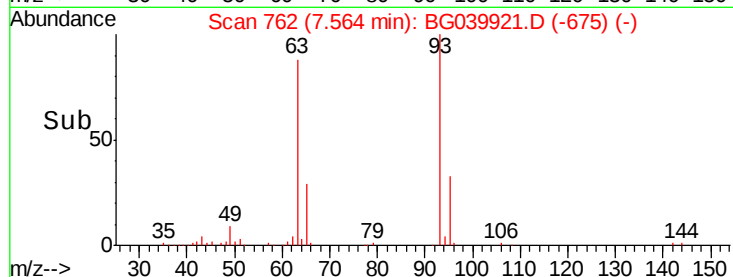
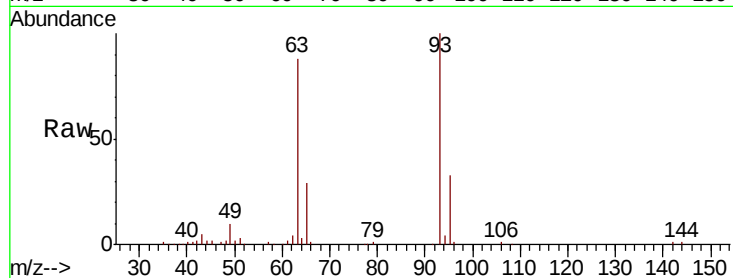




#11
bis(2-Chloroethyl)ether
Concen: 38.167 ng
RT: 7.56 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

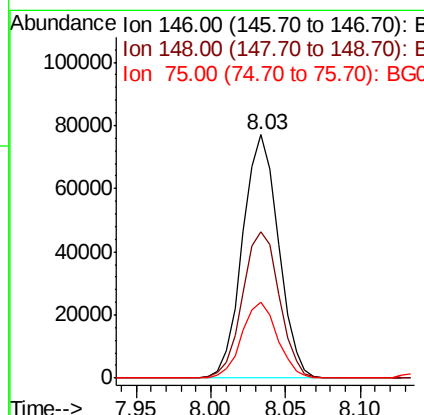
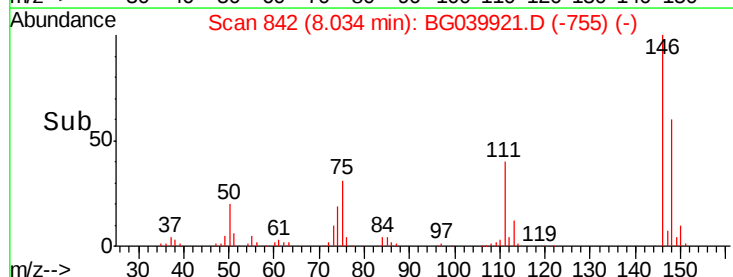
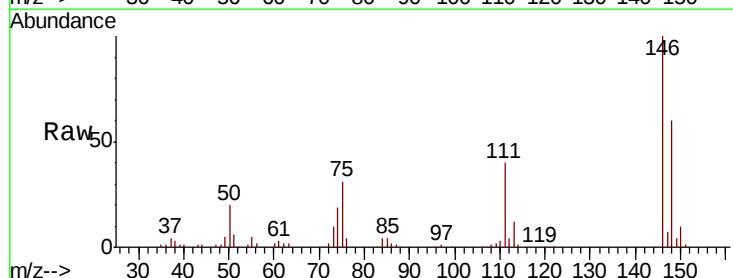
Instrument :
BNA_G
ClientSampleId :
PB117850BS

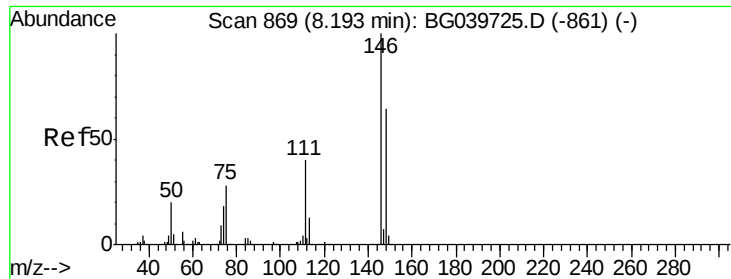
Tot Ion: 93 Resp: 114600
Ion Ratio Lower Upper
93 100
63 88.4 69.5 109.5
95 33.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.242 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Tgt Ion: 146 Resp: 128372
Ion Ratio Lower Upper
146 100
148 60.2 52.6 79.0
75 31.3 25.8 38.6

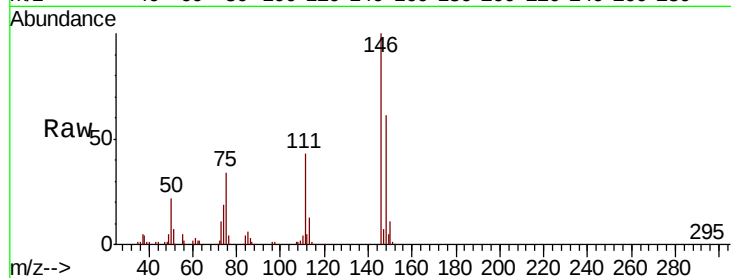




#13
 1,4-Dichlorobenzene
 Concen: 38.884 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

Instrument :
 BNA_G
 ClientSampleID :
 PB117850BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.0	51.1	76.7
111	42.5	32.6	48.8

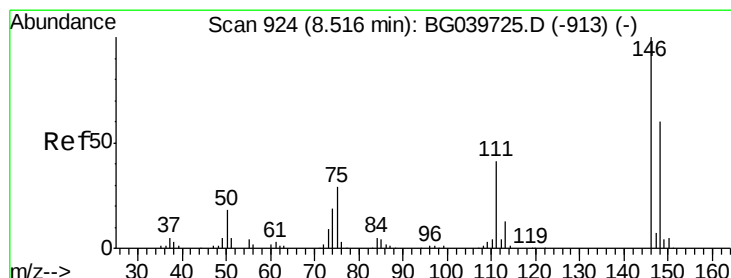
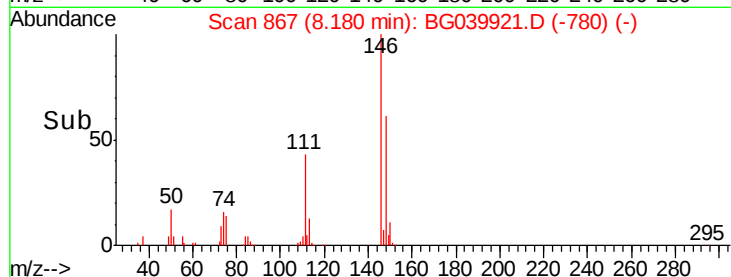
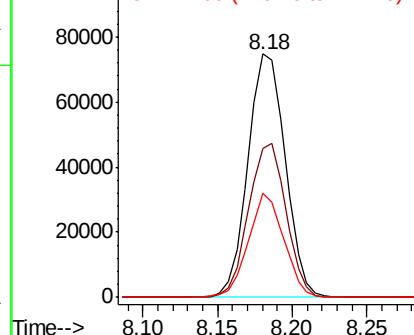


Abundance

Ion 146.00 (145.70 to 146.70): E

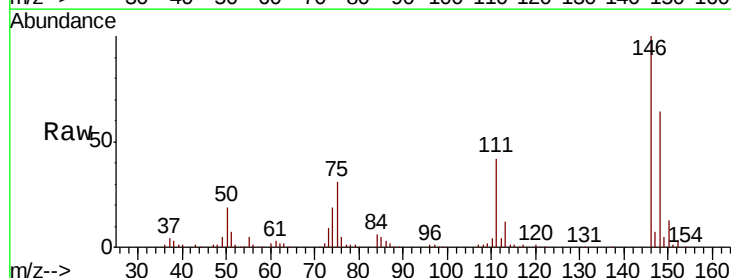
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 37.944 ng
 RT: 8.50 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	41.9	33.8	50.6

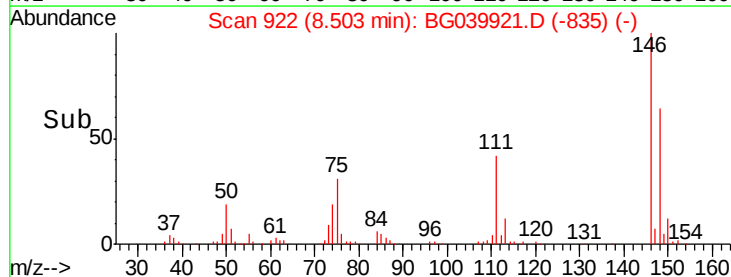
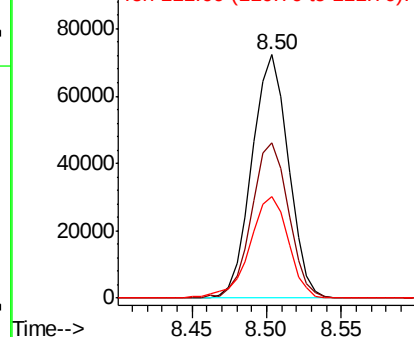


Abundance

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: 40.096 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

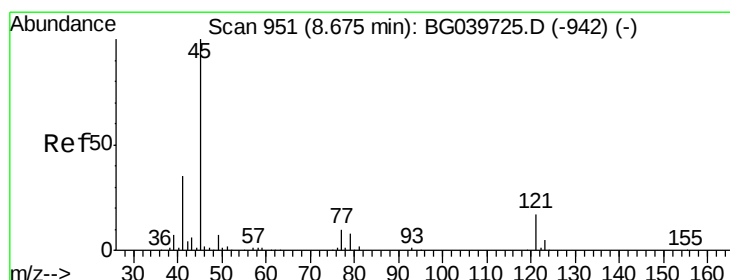
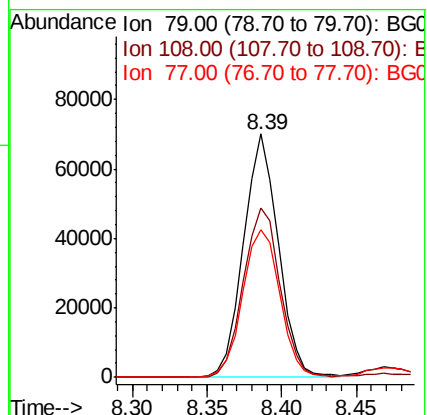
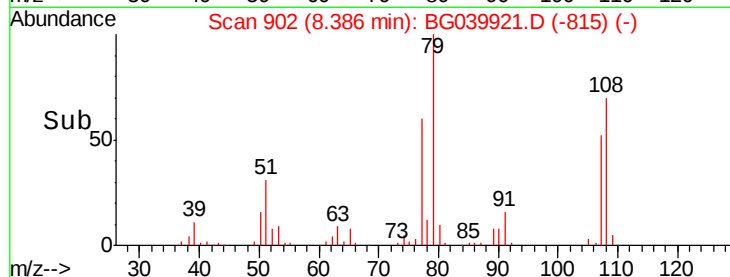
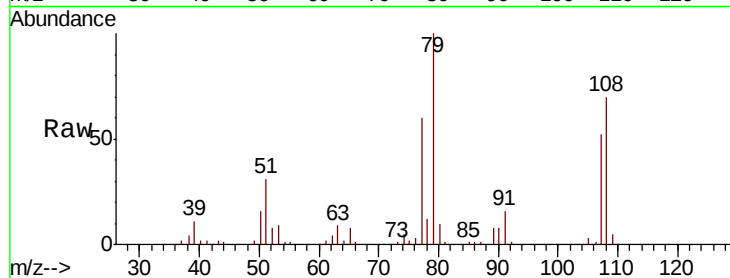
Tot Ion: 79 Resp: 113069

Ion Ratio Lower Upper

79 100

108 69.6 57.8 86.6

77 60.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.773 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

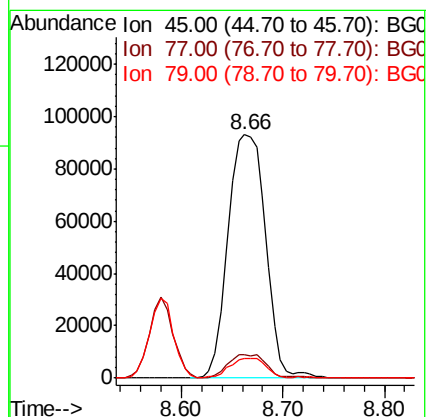
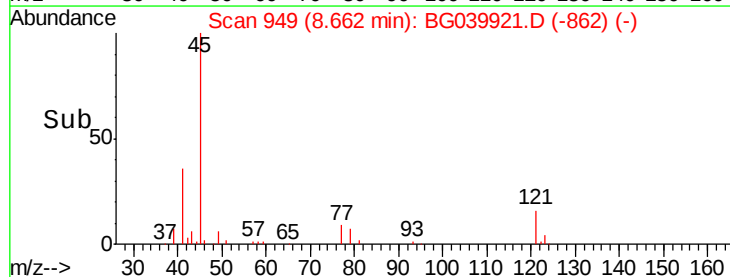
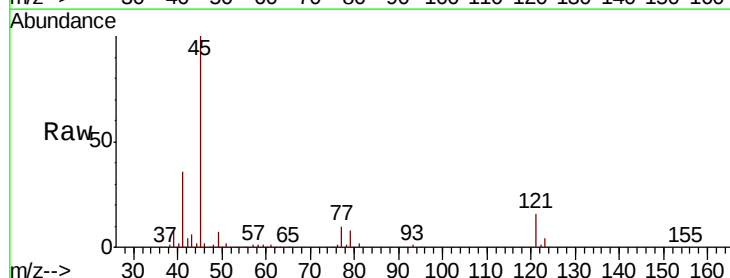
Tgt Ion: 45 Resp: 238847

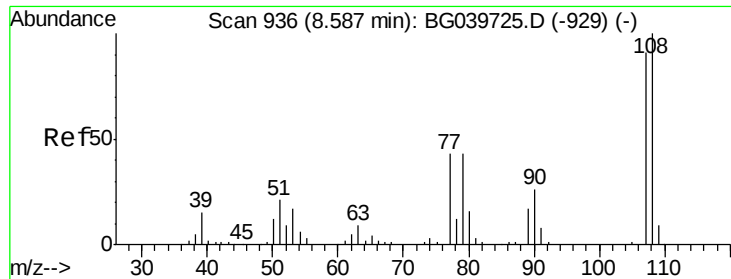
Ion Ratio Lower Upper

45 100

77 9.6 0.0 30.0

79 8.1 0.0 27.5

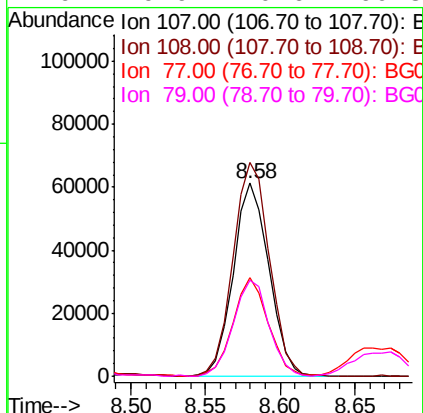
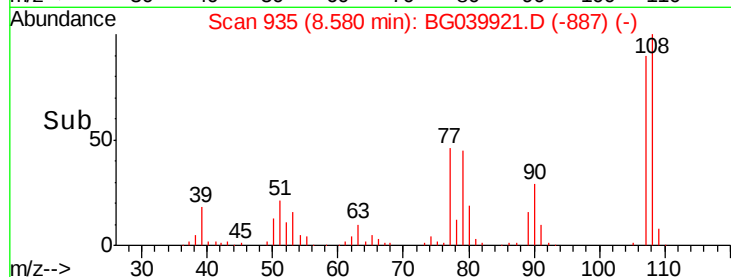
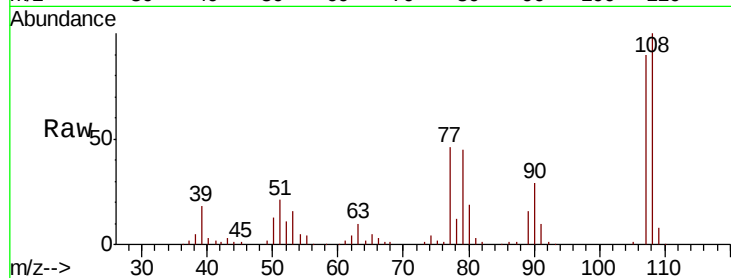




#17
2-Methylphenol
Concen: 41.521 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

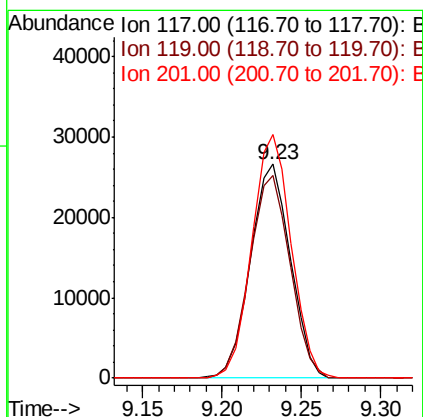
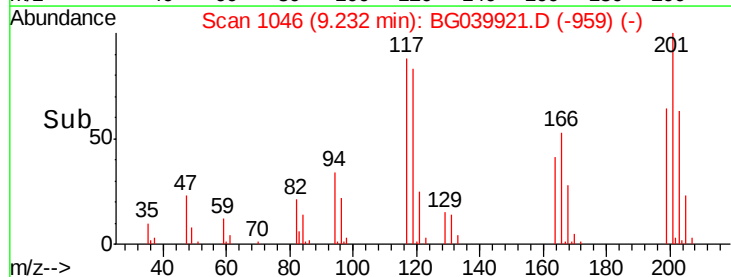
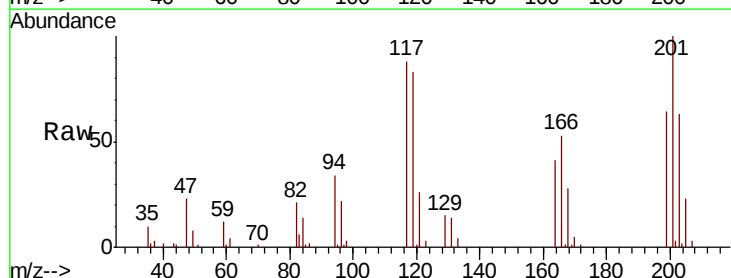
Instrument :
BNA_G
ClientSampleId :
PB117850BS

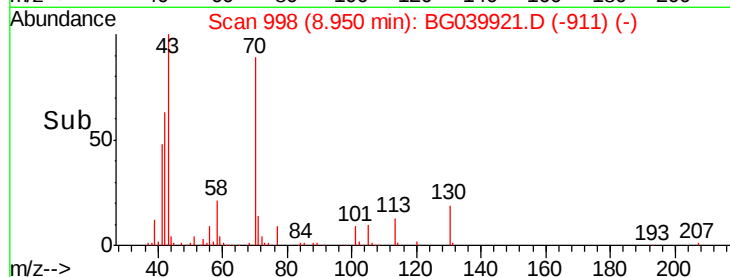
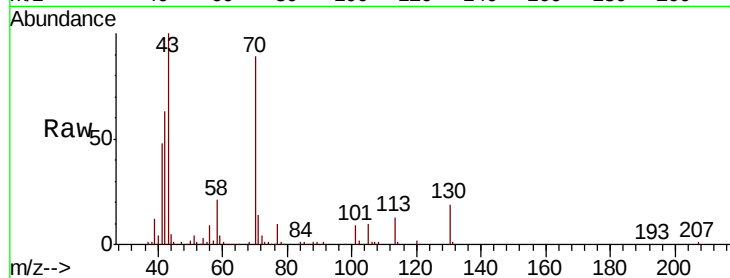
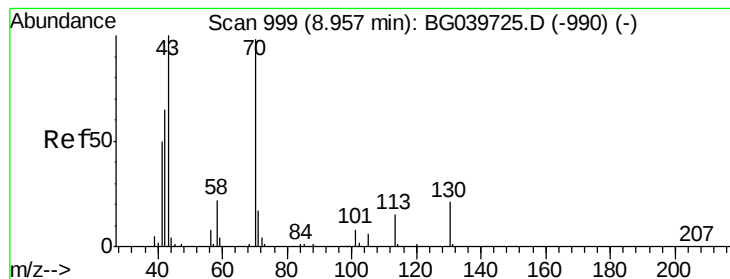
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.8	136.2
77	50.8	40.7	61.1
79	49.9	40.6	60.8



#18
Hexachloroethane
Concen: 39.088 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.3	114.5
201	113.8	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.445 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

Tot Ion: 70 Resp: 95812

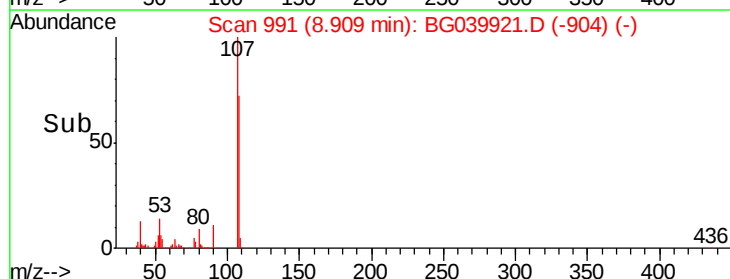
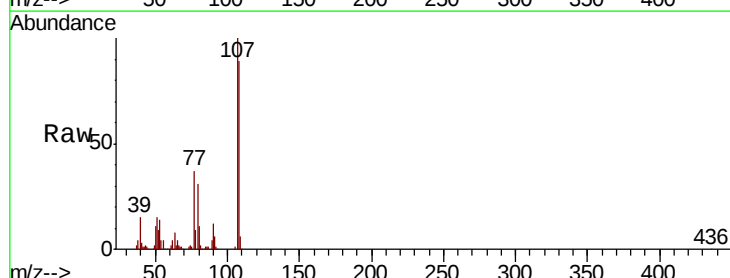
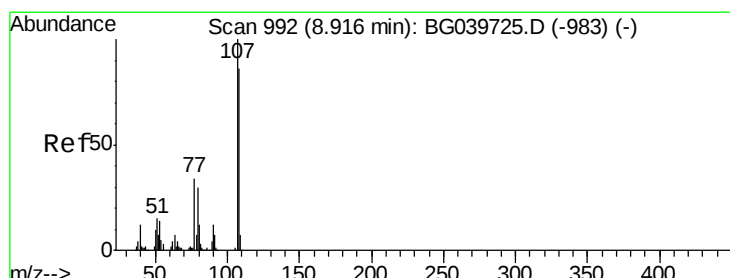
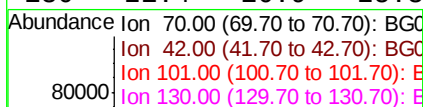
Ion Ratio Lower Upper

70 100

42 70.6 60.4 90.6

101 10.1 7.5 11.3

130 21.4 16.9 25.3



#20

3+4-Methylphenols

Concen: 42.126 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Tgt Ion:107 Resp: 143710

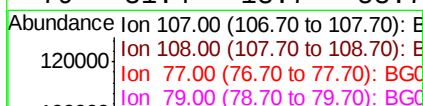
Ion Ratio Lower Upper

107 100

108 88.8 67.9 107.9

77 37.2 15.4 55.4

79 31.4 13.7 53.7

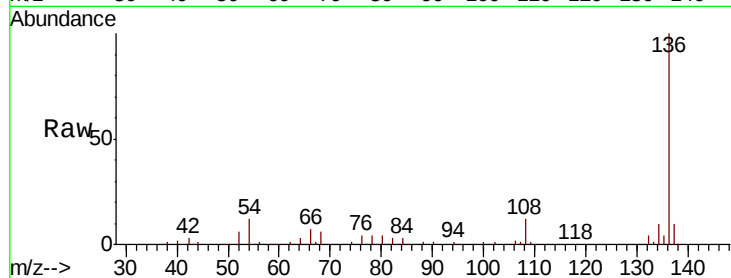




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Instrument :
BNA_G
ClientSampleId :
PB117850BS

Tot Ion:136	Resp:	174651
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.1 13.7
54	11.8	9.4 14.2
68	5.5	4.2 6.4



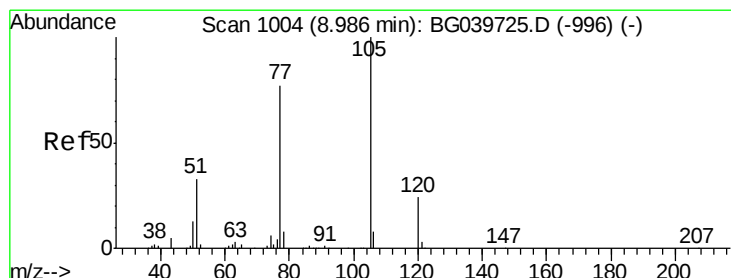
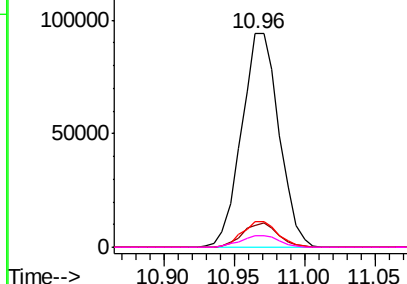
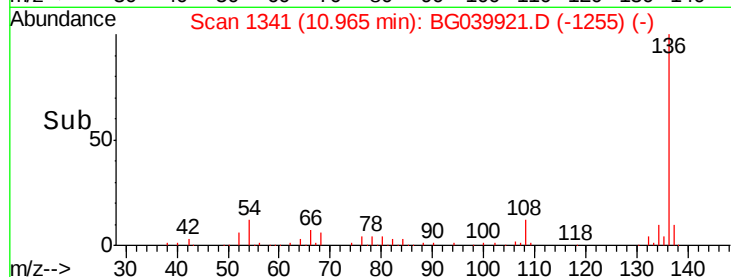
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

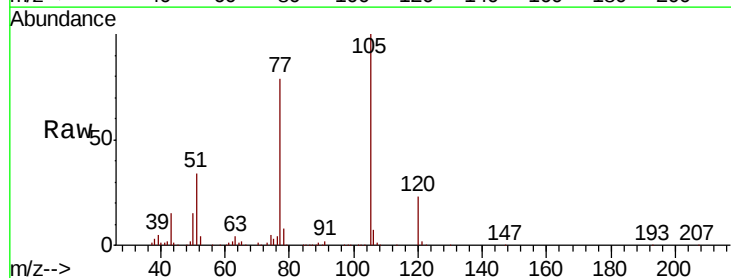
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.783 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Tgt Ion:105	Resp:	181798
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.8 1.2#
51	34.0	30.2 45.2
120	23.0	18.0 27.0



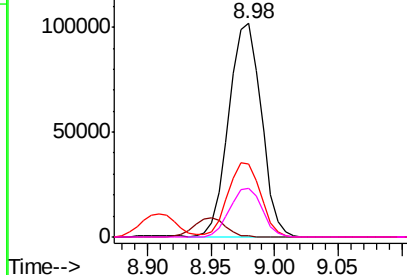
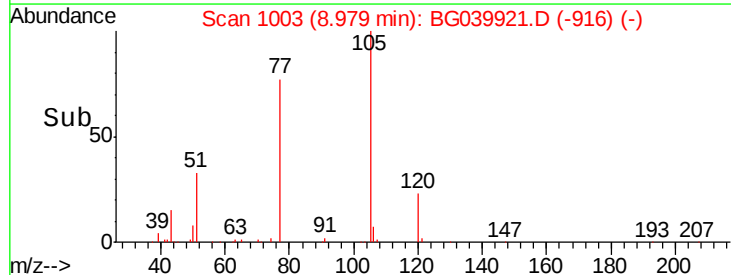
Abundance

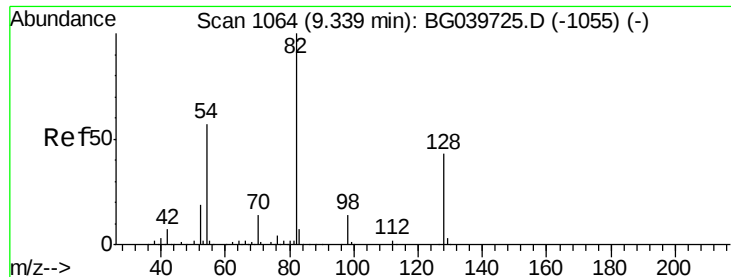
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

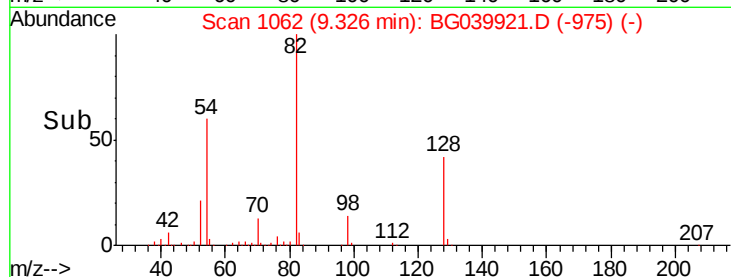
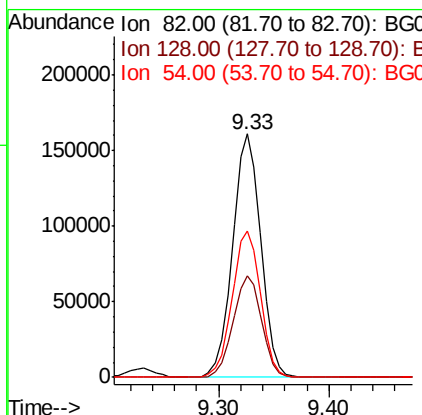
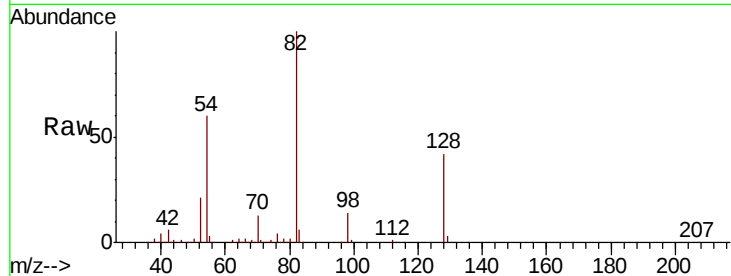




#23
 Nitrobenzene-d5
 Concen: 89.098 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

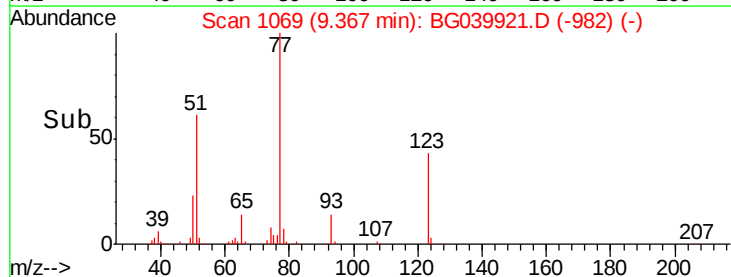
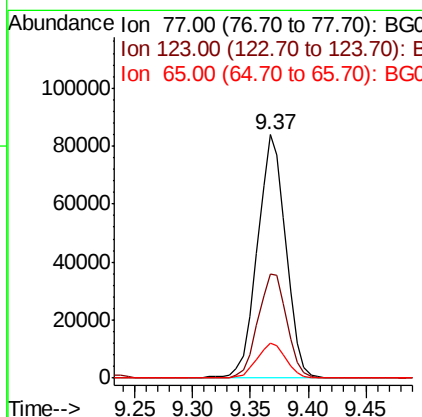
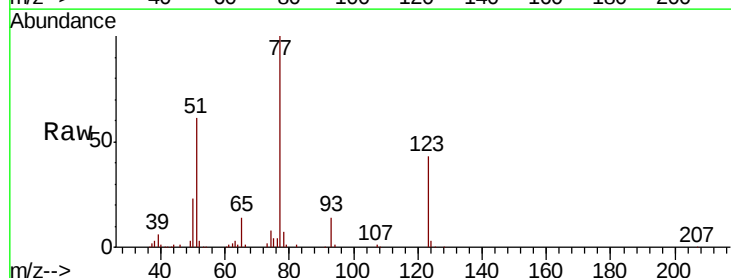
Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

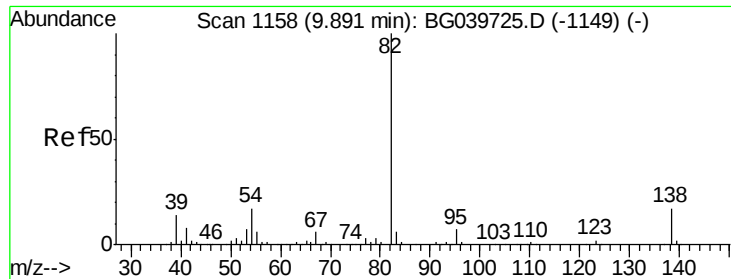
Tot Ion	82	Resp	287719
Ion Ratio	Lower	Upper	
82	100		
128	41.8	31.3	46.9
54	60.3	50.9	76.3



#24
 Nitrobenzene
 Concen: 42.494 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

Tgt Ion	77	Resp	143958
Ion Ratio	Lower	Upper	
77	100		
123	42.7	34.1	51.1
65	14.5	12.3	18.5

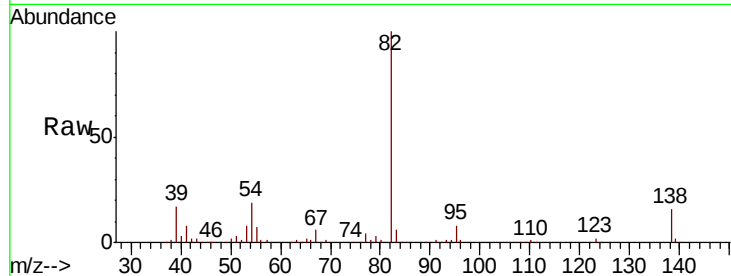




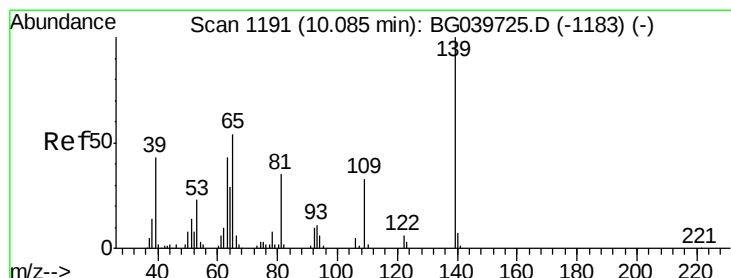
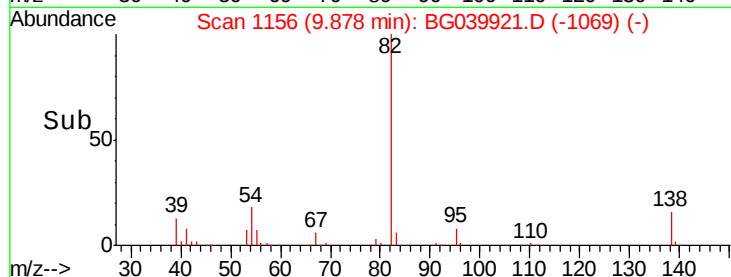
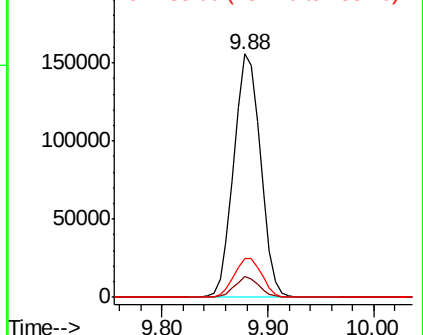
#25
Isophorone
Concen: 40.264 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Instrument :
BNA_G
ClientSampleId :
PB117850BS

Tot Ion: 82 Resp: 272442
Ion Ratio Lower Upper
82 100
95 8.4 6.2 9.2
138 16.0 13.0 19.4

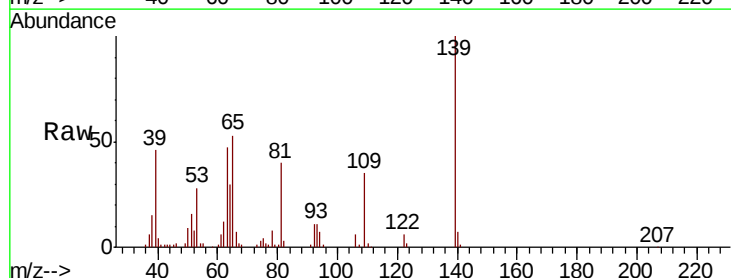


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

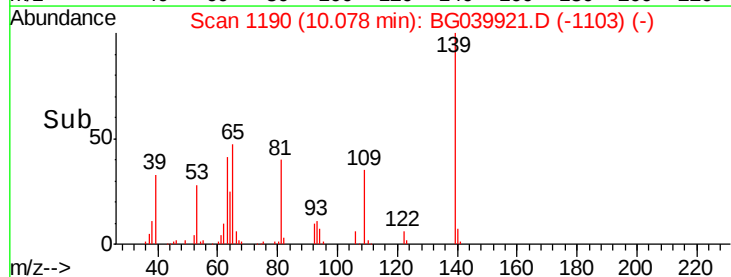
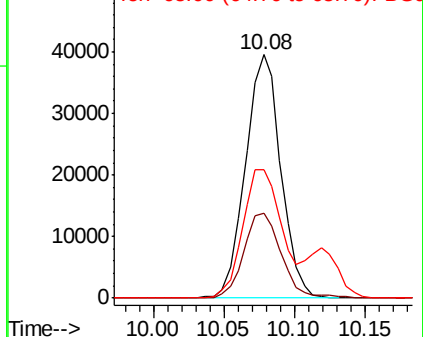


#26
2-Nitrophenol
Concen: 42.359 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Tgt Ion: 139 Resp: 69285
Ion Ratio Lower Upper
139 100
109 34.8 23.4 35.0
65 52.8 44.3 66.5



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

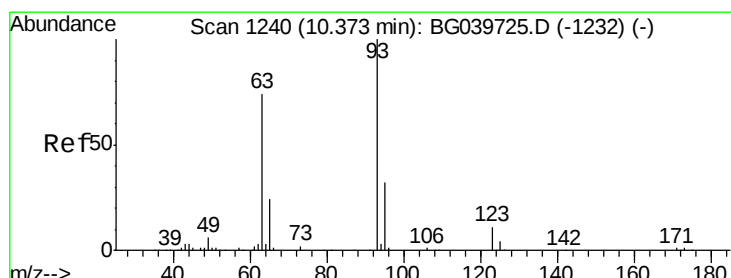
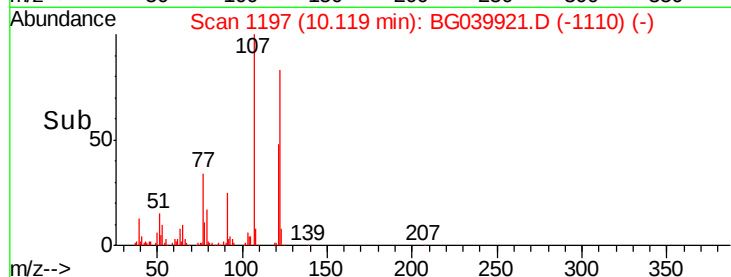
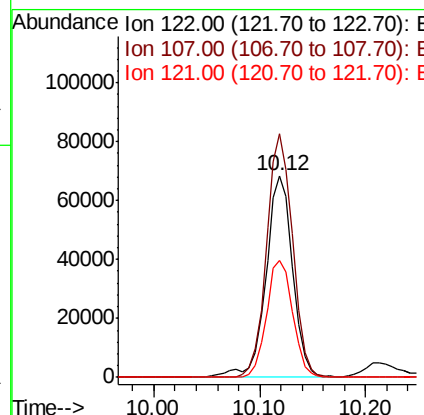
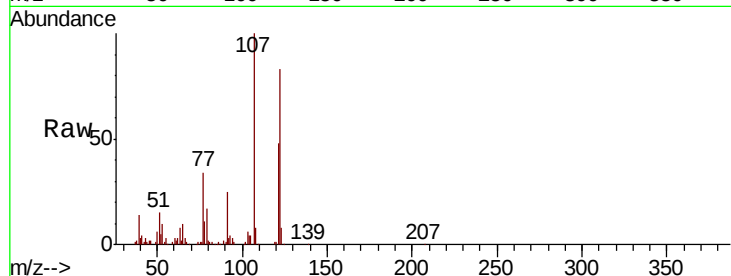




#27
2,4-Dimethylphenol
Concen: 47.184 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

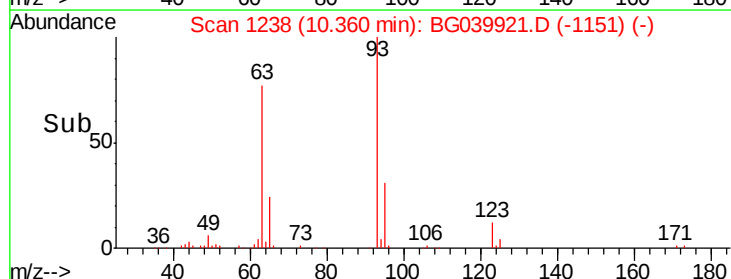
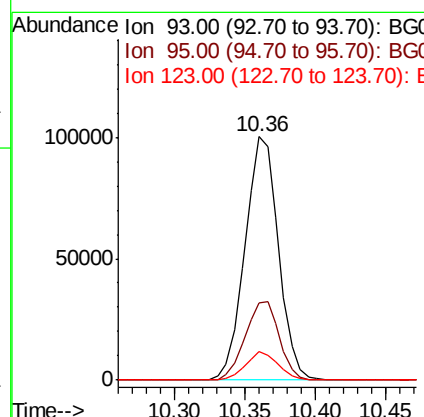
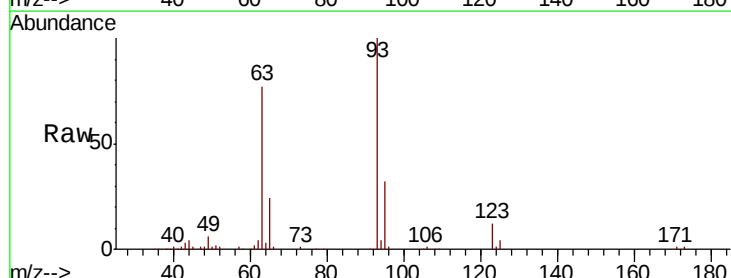
Instrument :
BNA_G
ClientSampleId :
PB117850BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.8	91.7	137.5
121	58.0	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.370 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.0	37.4
123	11.8	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 45.556 ng

RT: 10.61 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

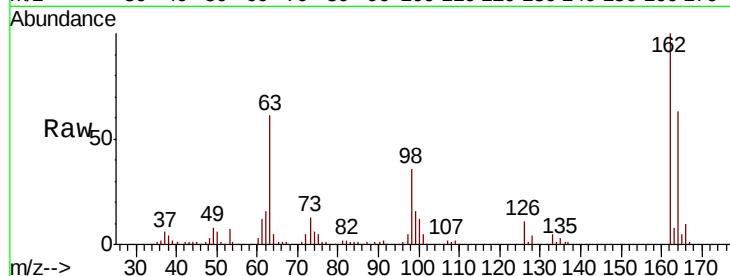
Tot Ion:162 Resp: 130480

Ion Ratio Lower Upper

162 100

164 62.6 48.1 88.1

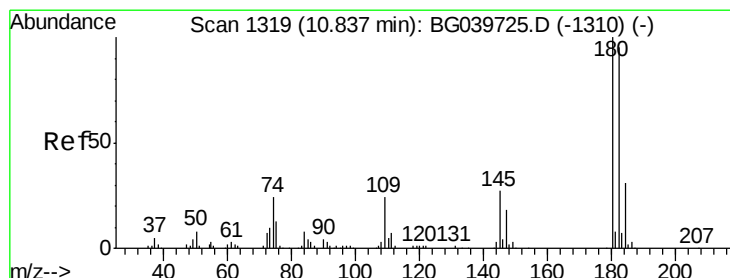
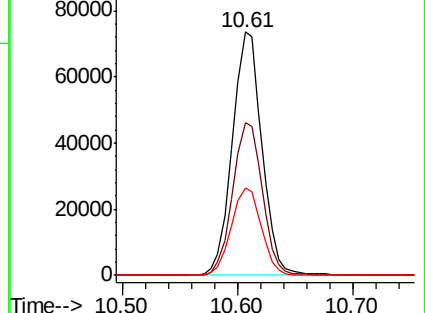
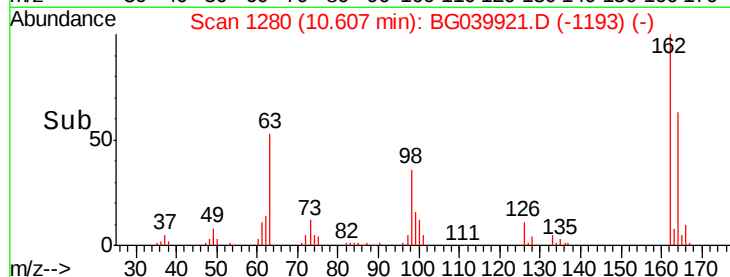
98 36.1 18.1 58.1



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): B



#30

1,2,4-Trichlorobenzene

Concen: 41.058 ng

RT: 10.82 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

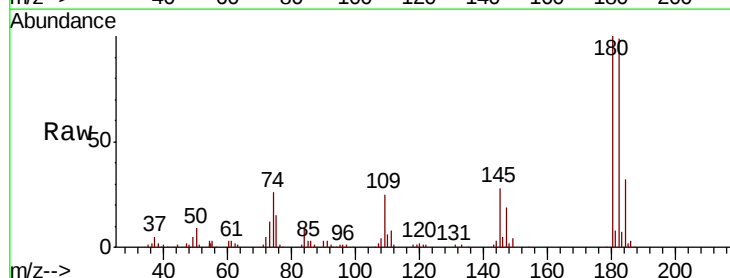
Tgt Ion:180 Resp: 132325

Ion Ratio Lower Upper

180 100

182 98.6 76.0 114.0

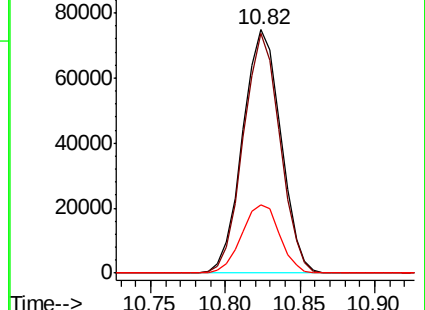
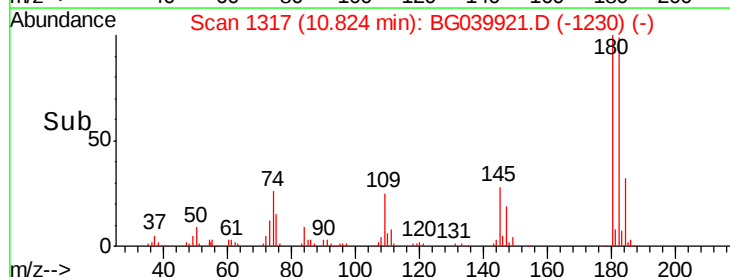
145 27.8 22.7 34.1



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

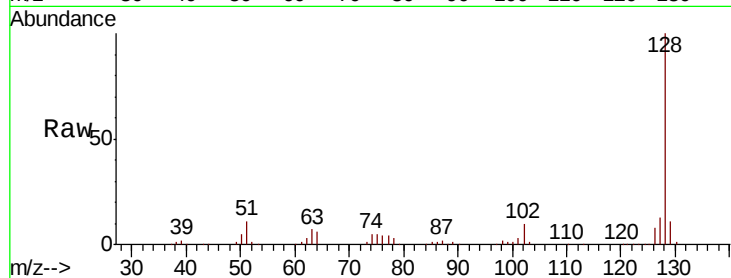




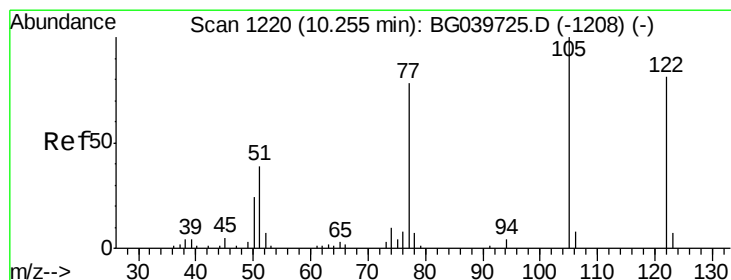
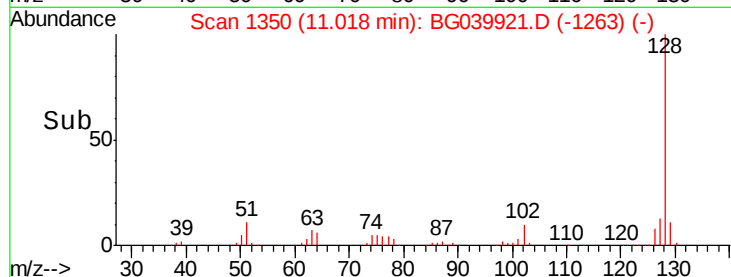
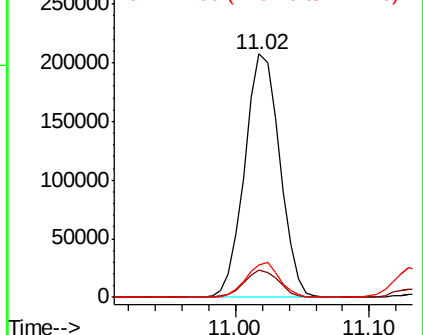
#31
Naphthalene
Concen: 40.770 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Instrument :
BNA_G
ClientSampled :
PB117850BS

Tot Ion:128 Resp: 377001
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.8 16.2

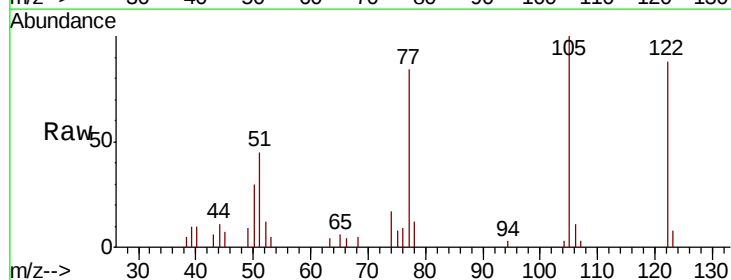


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

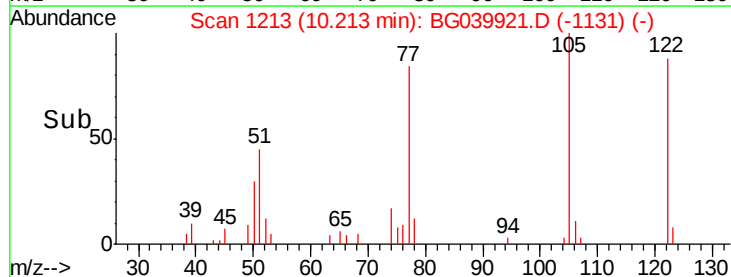
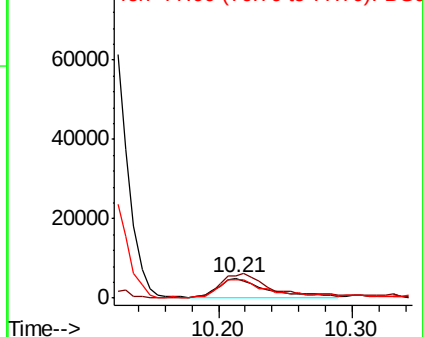


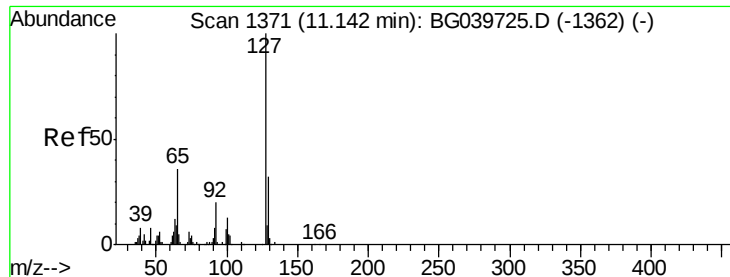
#32
Benzoic acid
Concen: 12.627 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Tgt Ion:122 Resp: 12209
Ion Ratio Lower Upper
122 100
105 113.4 101.8 141.8
77 95.7 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

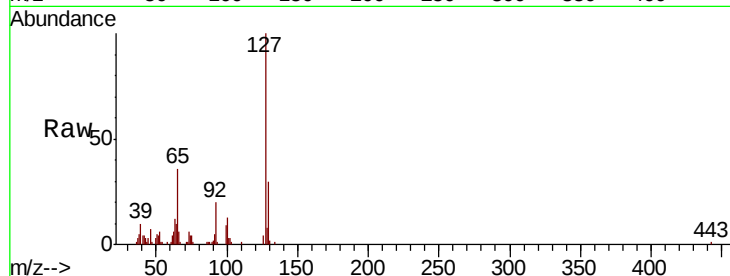




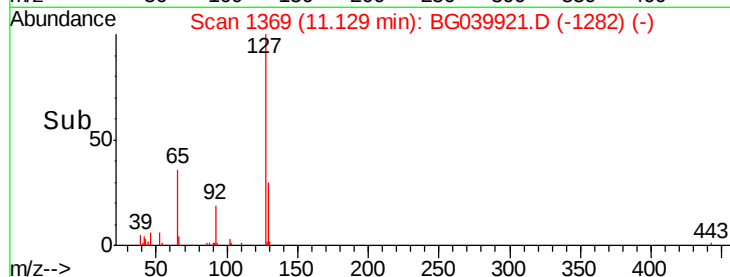
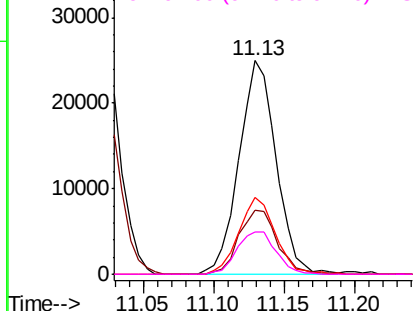
#33
4-Chloroaniline
Concen: 11.731 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Instrument :
BNA_G
ClientSampleId :
PB117850BS

Tot Ion:	127	Resp:	45999
Ion	Ratio	Lower	Upper
127	100		
129	29.7	27.0	40.4
65	36.1	28.8	43.2
92	19.6	16.6	25.0

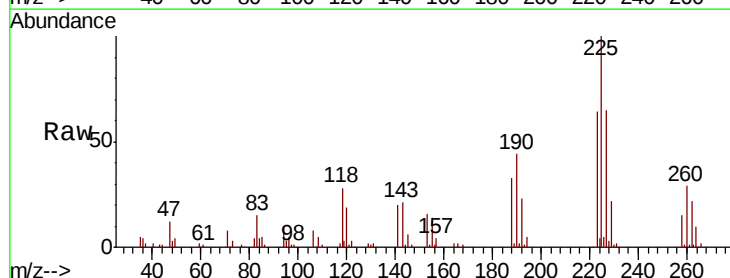


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

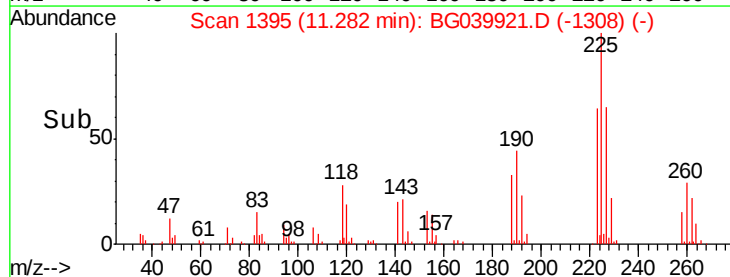
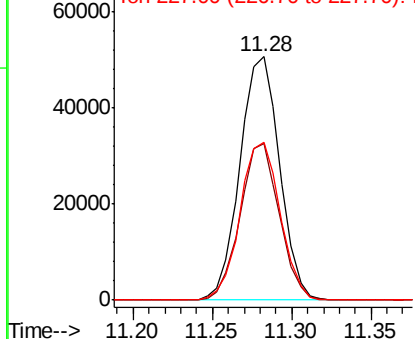


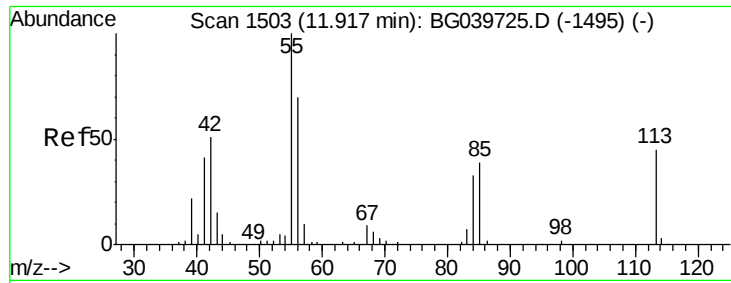
#34
Hexachlorobutadiene
Concen: 39.968 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Tgt Ion:	225	Resp:	88024
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.0	73.6
227	64.6	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

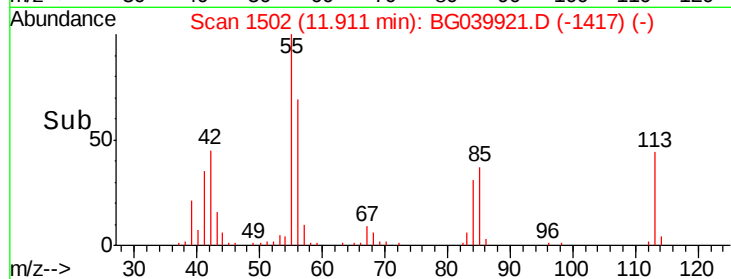
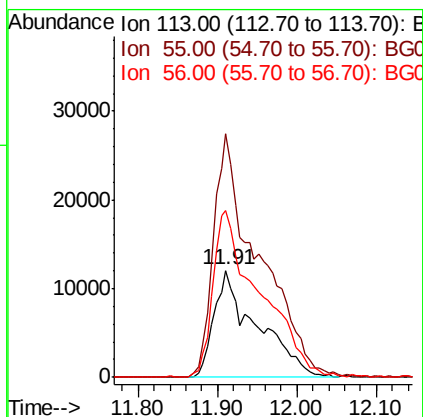
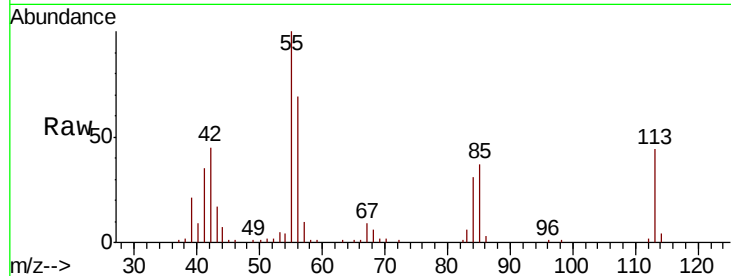




#35
 Caprolactam
 Concen: 41.277 ng
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.03 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

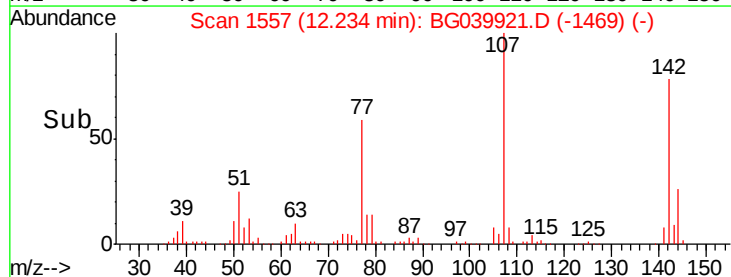
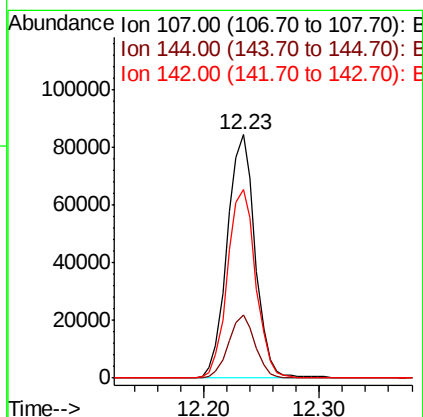
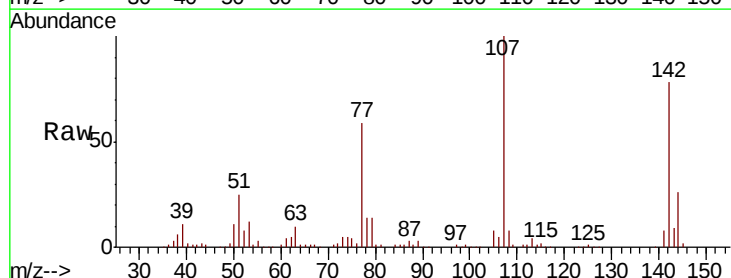
Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

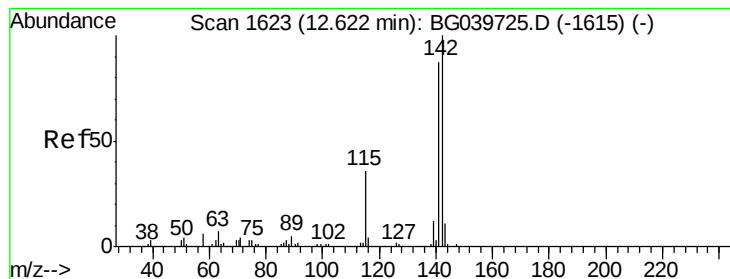
Tot Ion:113 Resp: 45161
 Ion Ratio Lower Upper
 113 100
 55 227.2 216.9 256.9
 56 156.0 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.047 ng
 RT: 12.23 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

Tgt Ion:107 Resp: 141333
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.2 30.2
 142 77.6 61.4 92.2





#37

2-Methylnaphthalene

Concen: 41.139 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

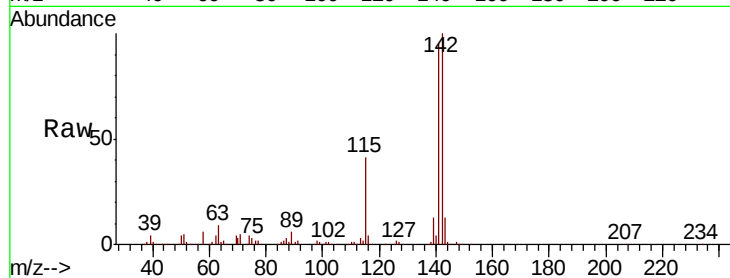
Tot Ion:142 Resp: 284406

Ion Ratio Lower Upper

142 100

141 95.2 73.5 110.3

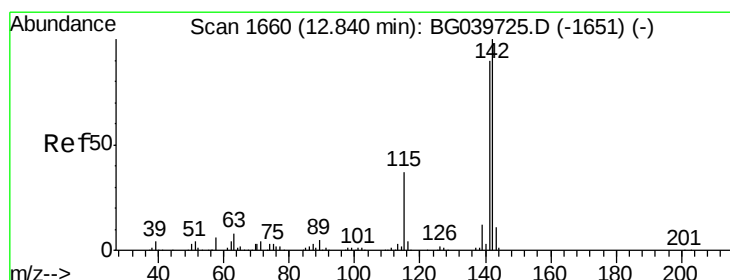
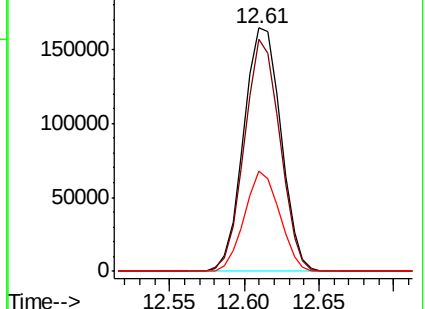
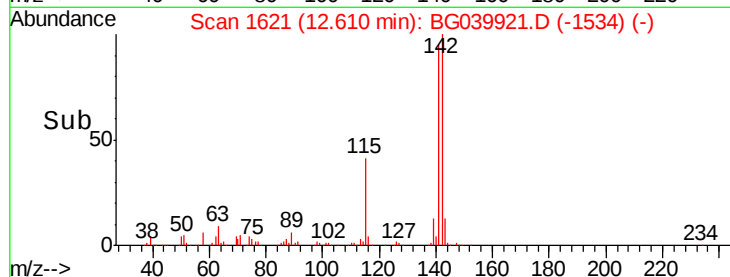
115 41.1 30.8 46.2



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: 39.994 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

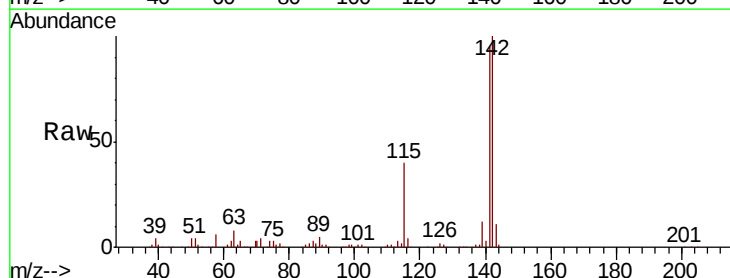
Tgt Ion:142 Resp: 268695

Ion Ratio Lower Upper

142 100

141 94.7 74.2 111.4

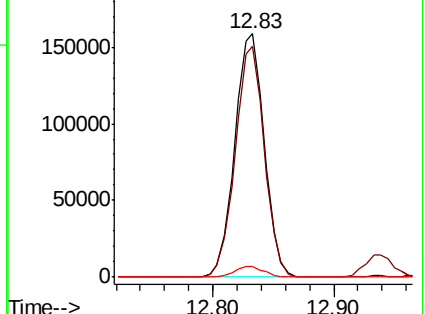
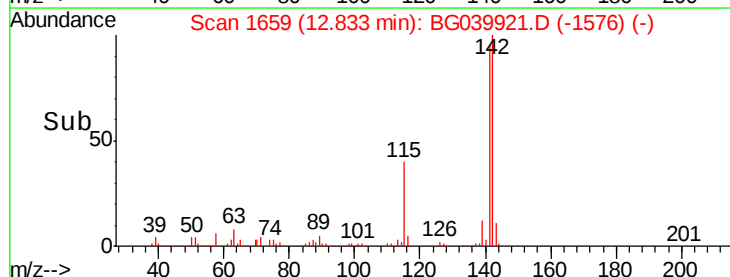
116 4.5 3.0 4.6



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: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

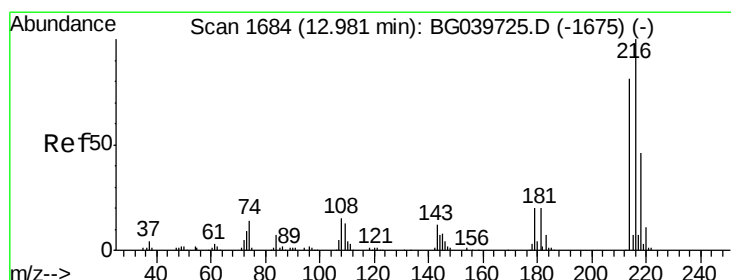
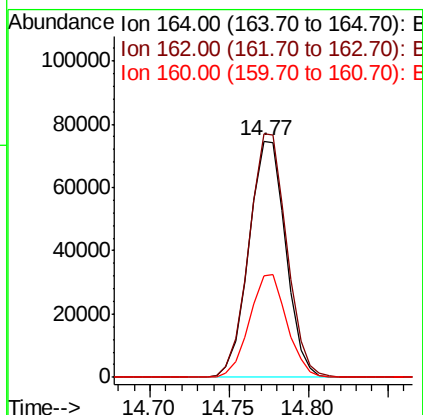
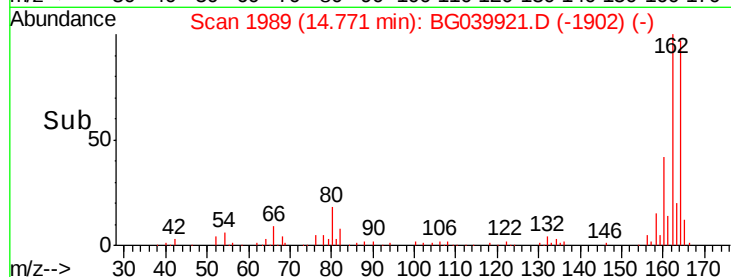
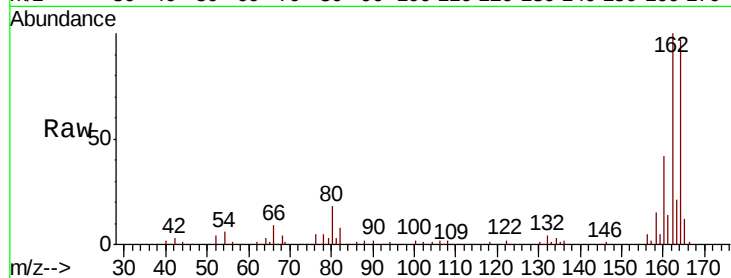
Tot Ion:164 Resp: 120982

Ion Ratio Lower Upper

164 100

162 103.1 81.6 122.4

160 42.8 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.061 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Tgt Ion:216 Resp: 160095

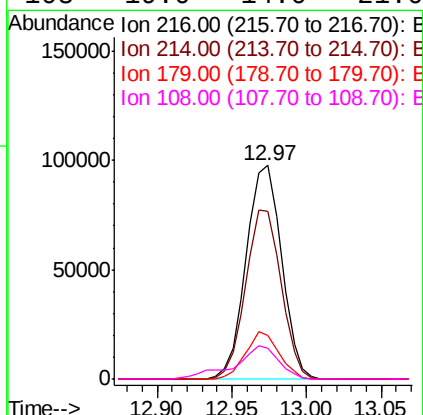
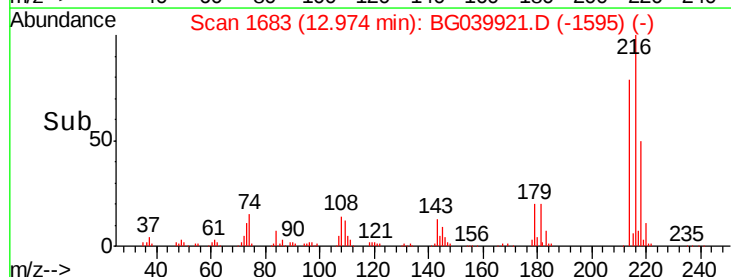
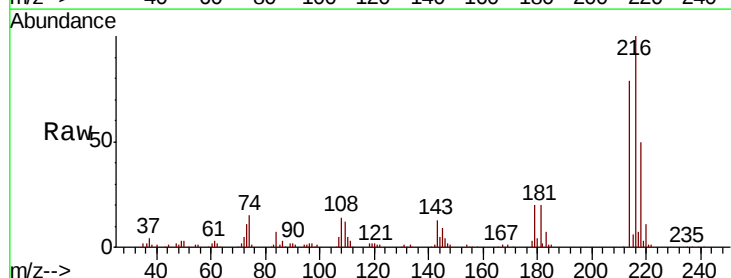
Ion Ratio Lower Upper

216 100

214 79.4 62.6 94.0

179 20.8 16.6 25.0

108 19.0 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 98.085 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

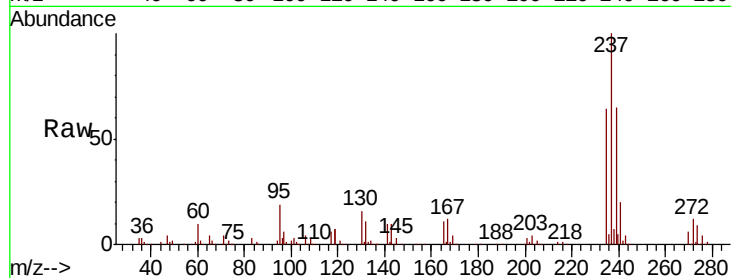
Tot Ion:237 Resp: 215438

Ion Ratio Lower Upper

237 100

235 64.3 43.3 83.3

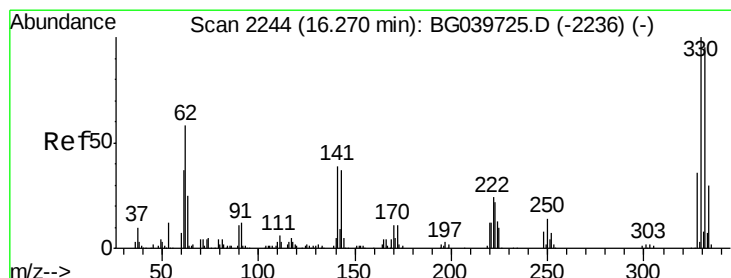
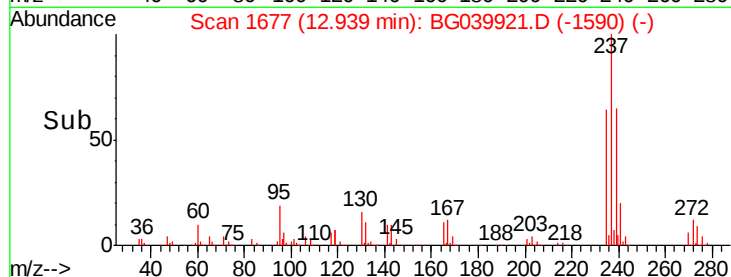
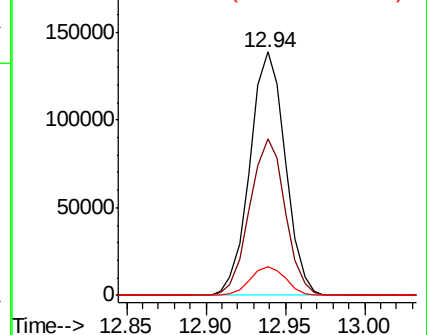
272 11.6 0.0 32.3



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: 132.576 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

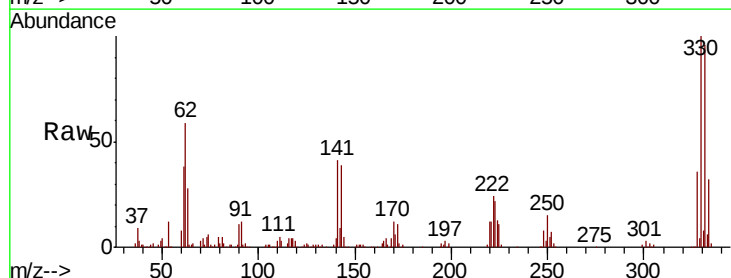
Tgt Ion:330 Resp: 186950

Ion Ratio Lower Upper

330 100

332 97.0 75.7 113.5

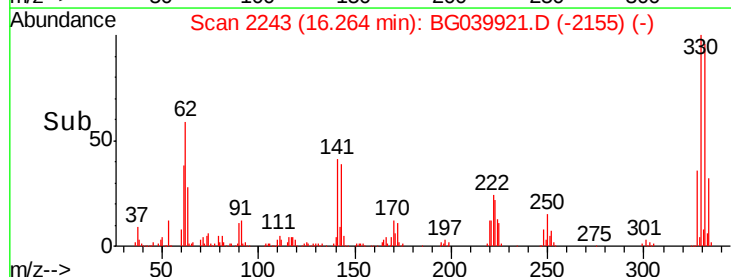
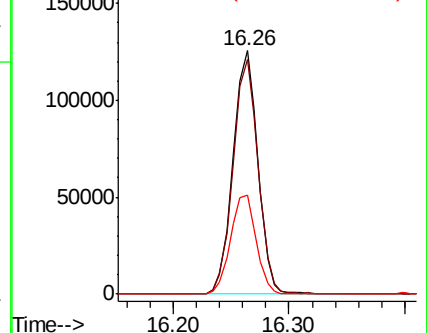
141 42.2 35.6 53.4

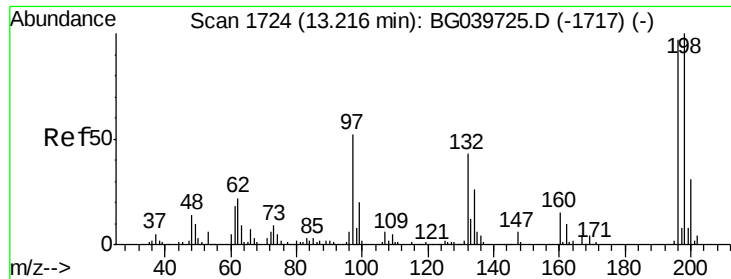


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

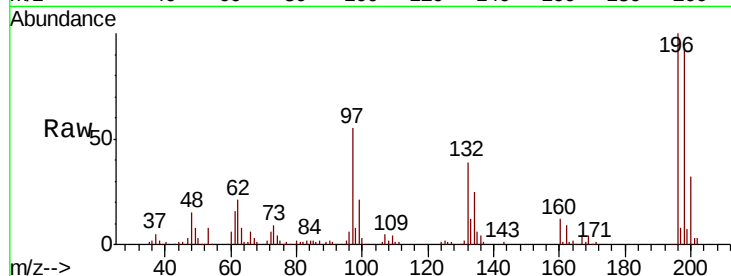




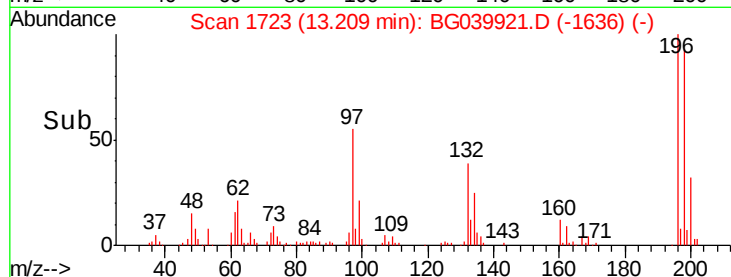
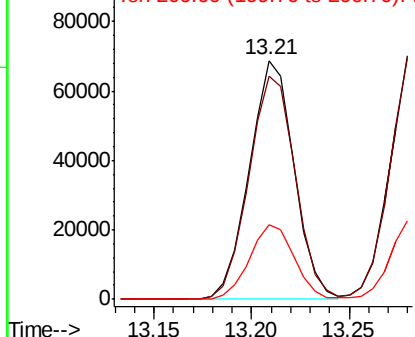
#43
 2,4,6-Trichlorophenol
 Concen: 45.505 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

Tot Ion:196 Resp: 109190
 Ion Ratio Lower Upper
 196 100
 198 93.5 80.6 121.0
 200 31.5 26.1 39.1



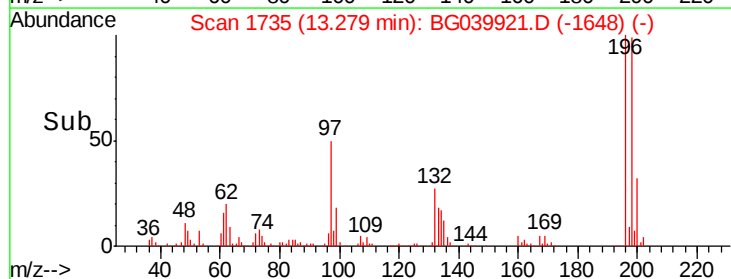
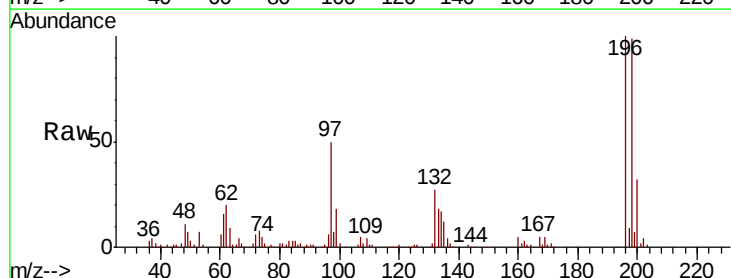
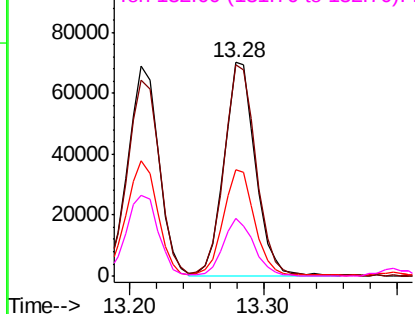
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

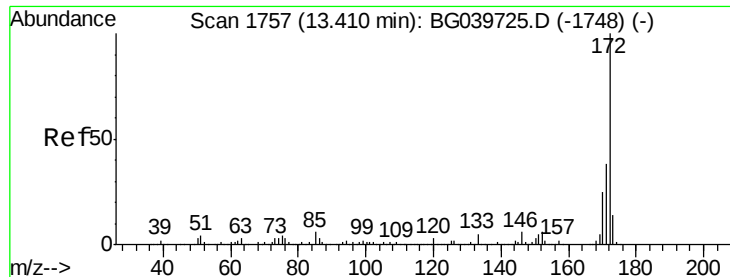


#44
 2,4,5-Trichlorophenol
 Concen: 42.503 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

Tgt Ion:196 Resp: 114958
 Ion Ratio Lower Upper
 196 100
 198 99.1 78.5 117.7
 97 49.7 38.4 57.6
 132 27.1 19.2 28.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

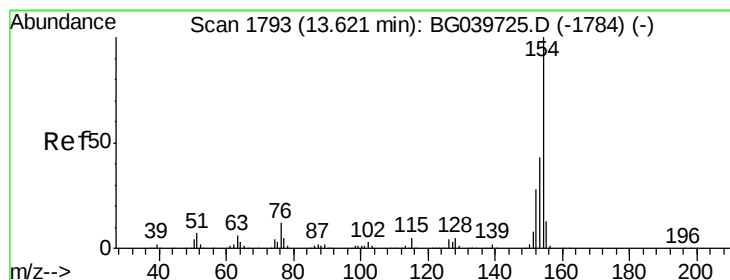
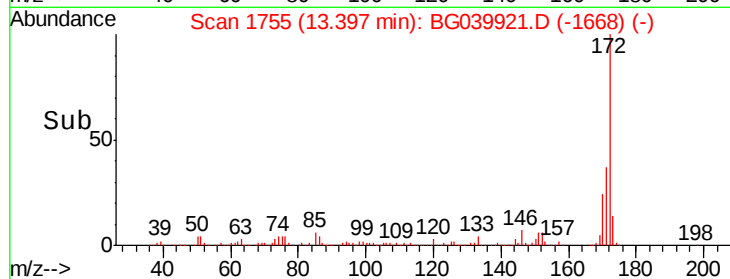
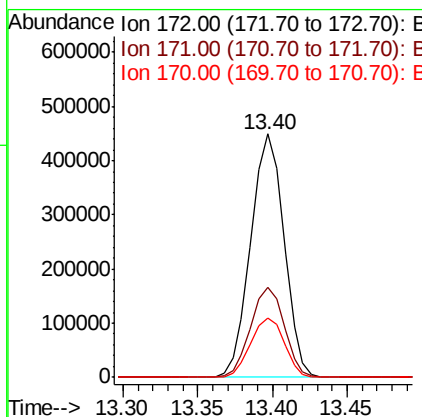
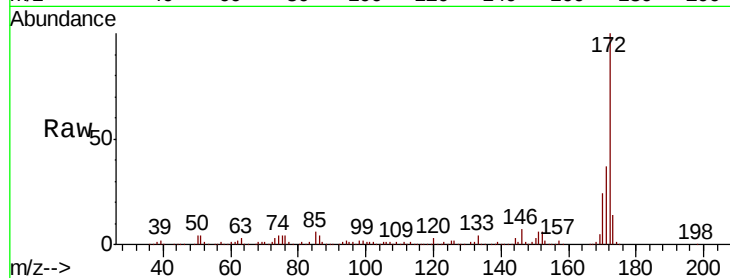




#45
2-Fluorobiphenyl
Concen: 81.519 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

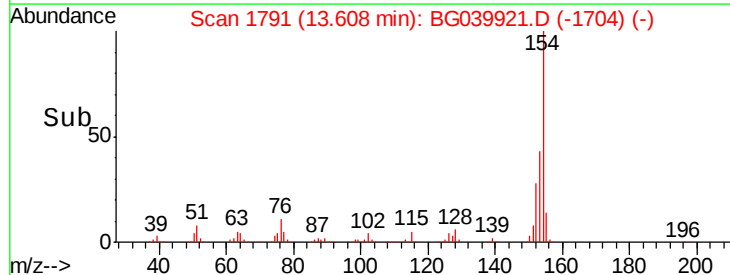
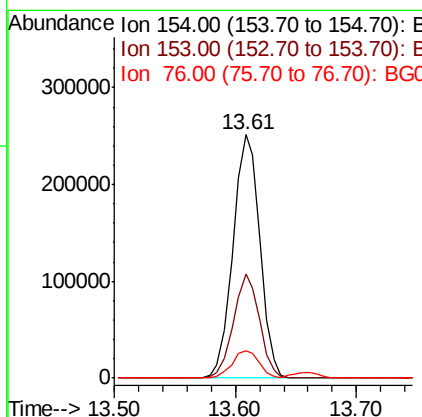
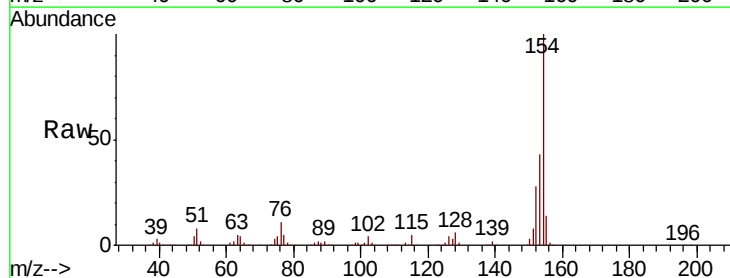
Instrument :
BNA_G
ClientSampleId :
PB117850BS

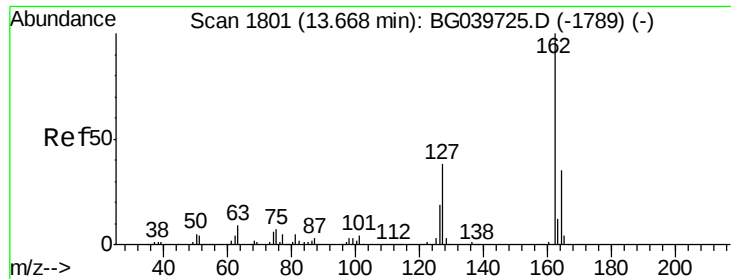
Tot Ion:172 Resp: 692665
Ion Ratio Lower Upper
172 100
171 37.1 30.8 46.2
170 24.4 20.2 30.4



#46
1,1'-Biphenyl
Concen: 39.054 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Tgt Ion:154 Resp: 388613
Ion Ratio Lower Upper
154 100
153 42.5 22.1 62.1
76 11.4 0.0 32.4

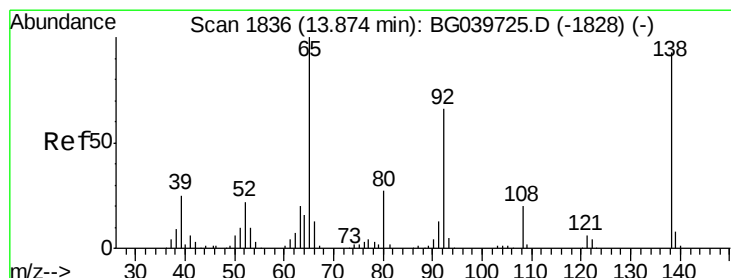
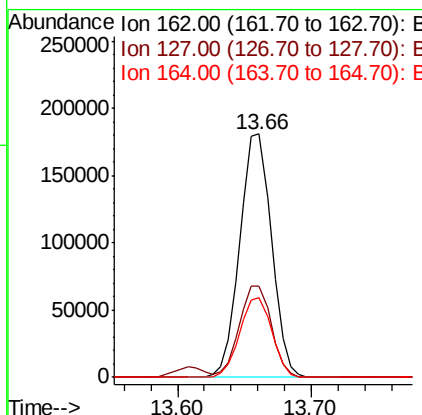
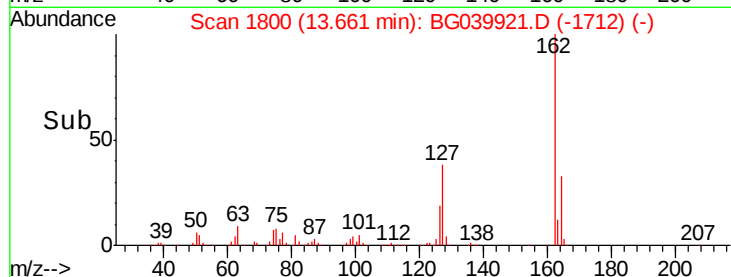
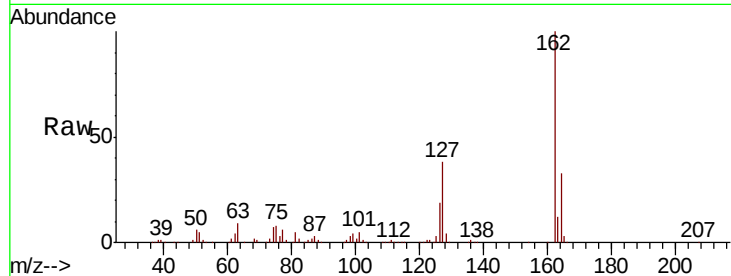




#47
 2-Chloronaphthalene
 Concen: 39.801 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

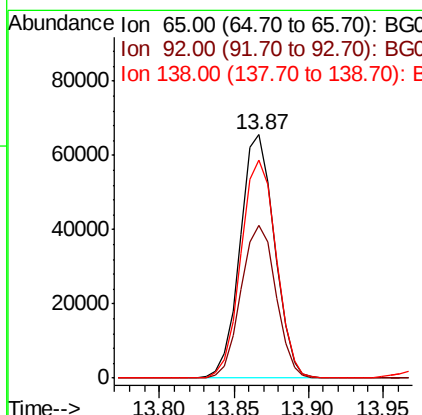
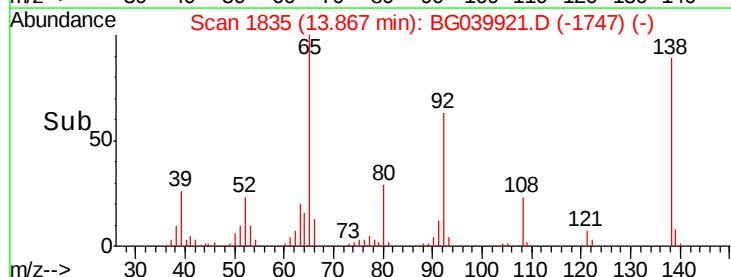
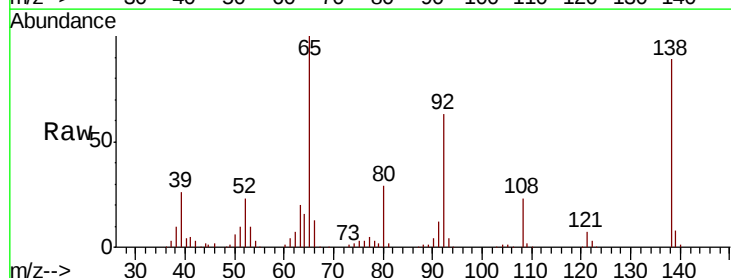
Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	31.0	46.6
164	32.5	25.7	38.5



#48
 2-Nitroaniline
 Concen: 43.580 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	51.4	77.2
138	89.3	71.4	107.2





#49

Acenaphthylene

Concen: 39.064 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

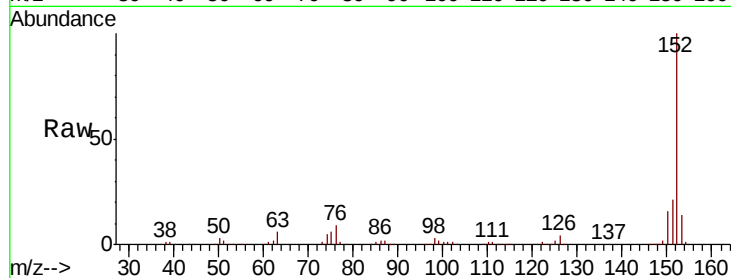
Tot Ion:152 Resp: 480043

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

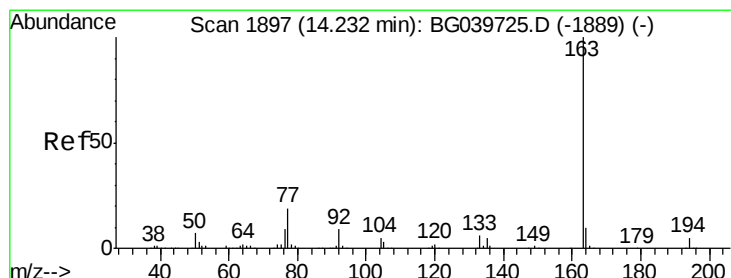
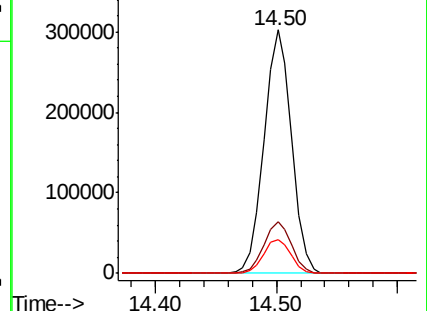
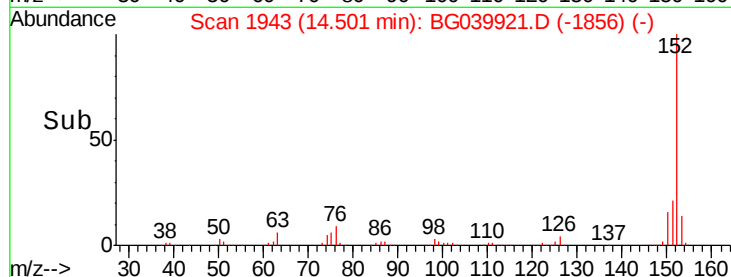
153 13.9 11.7 17.5



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: 39.991 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

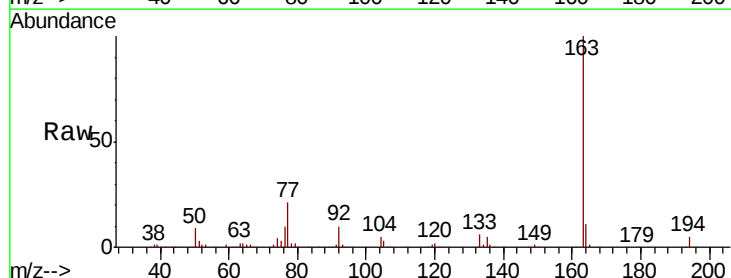
Tgt Ion:163 Resp: 404561

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

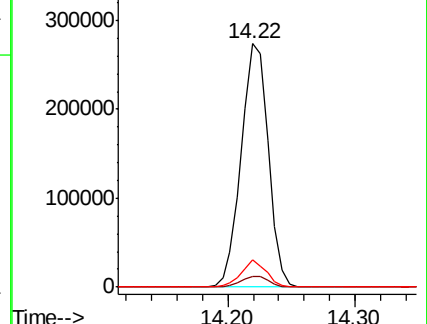
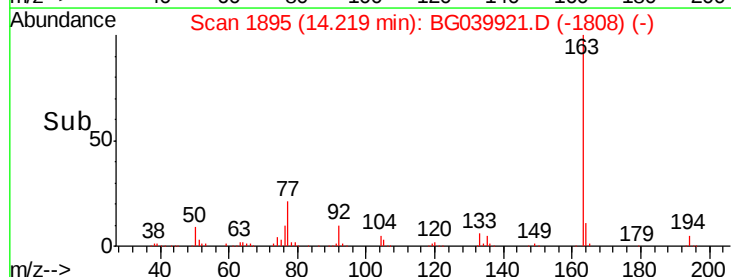
164 11.0 8.4 12.6

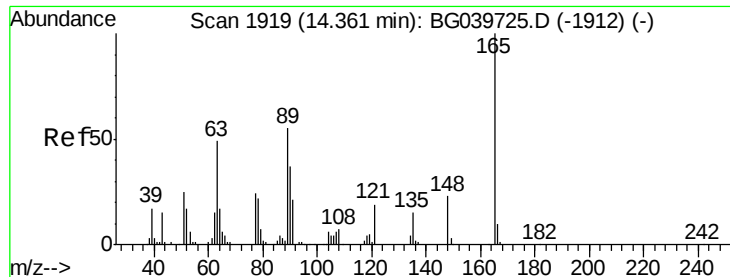


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

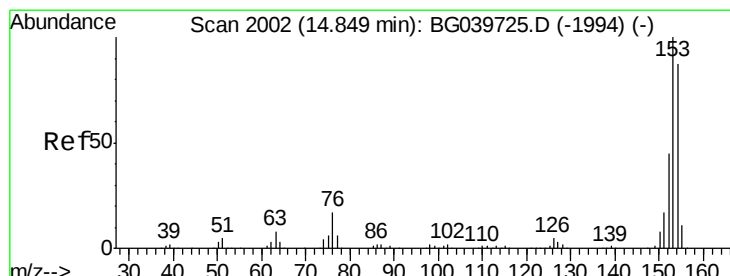
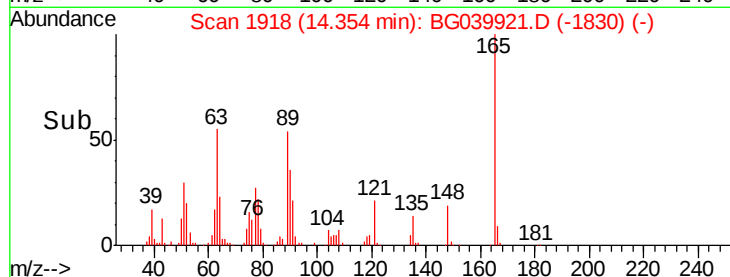
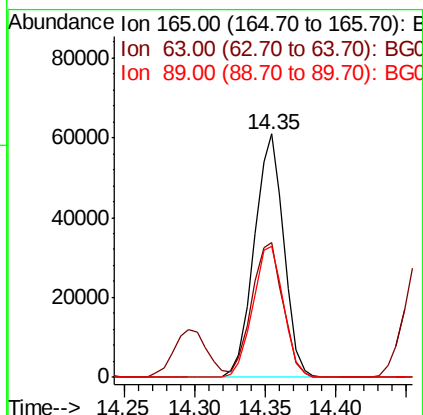
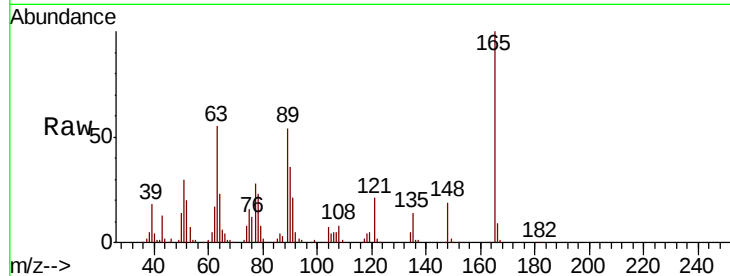




#51
 2,6-Dinitrotoluene
 Concen: 41.663 ng
 RT: 14.35 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

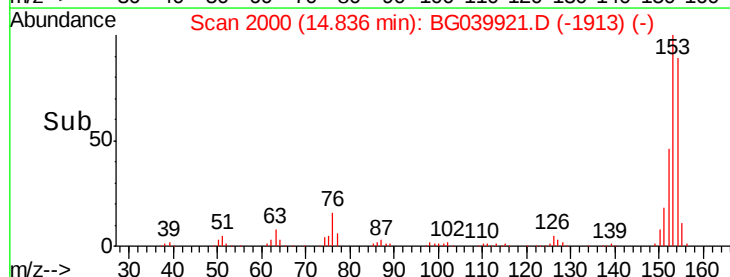
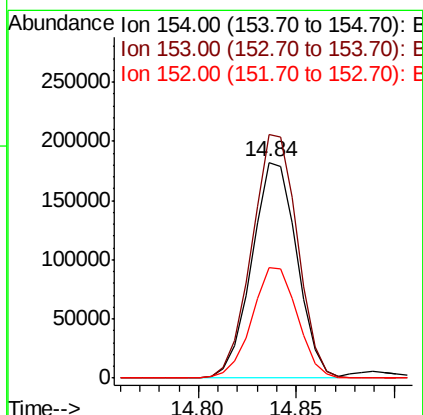
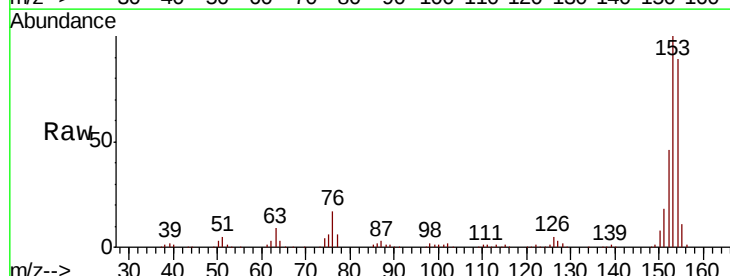
Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

Tot Ion:165 Resp: 89352
 Ion Ratio Lower Upper
 165 100
 63 55.3 47.0 70.6
 89 53.9 45.8 68.8



#52
 Acenaphthene
 Concen: 39.539 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

Tgt Ion:154 Resp: 292443
 Ion Ratio Lower Upper
 154 100
 153 113.0 90.1 135.1
 152 51.4 40.9 61.3





#53

3-Nitroaniline

Concen: 17.364 ng

RT: 14.68 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

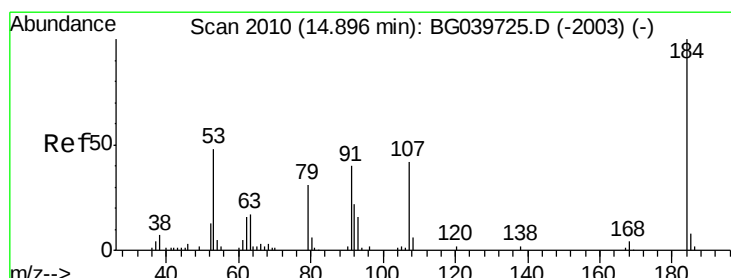
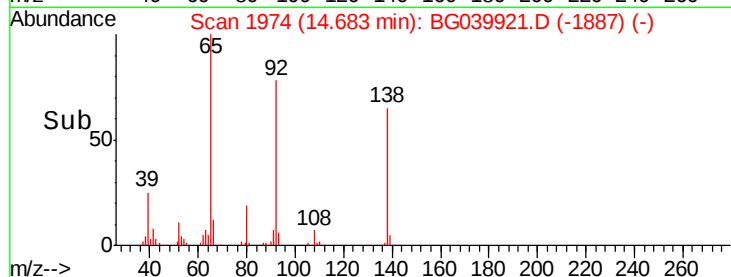
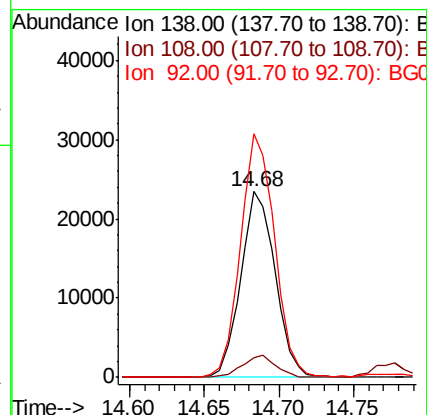
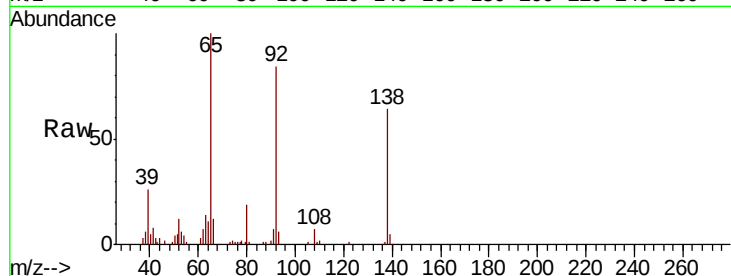
Tot Ion:138 Resp: 37434

Ion Ratio Lower Upper

138 100

108 10.7 13.8 20.8#

92 131.3 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 15.948 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

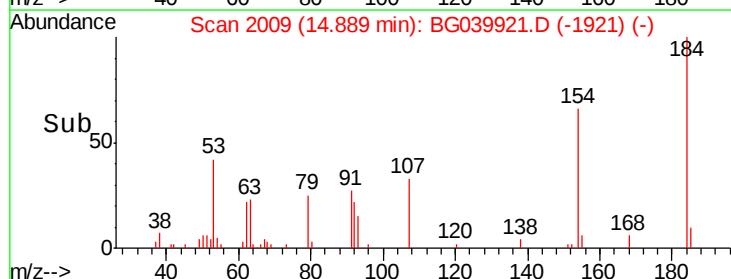
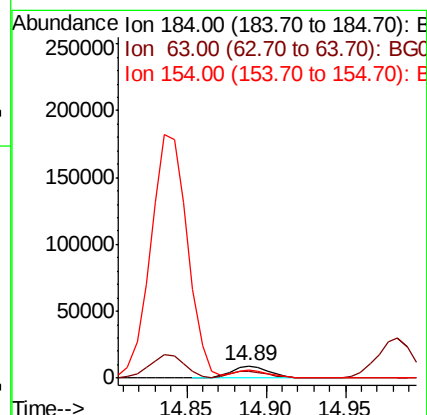
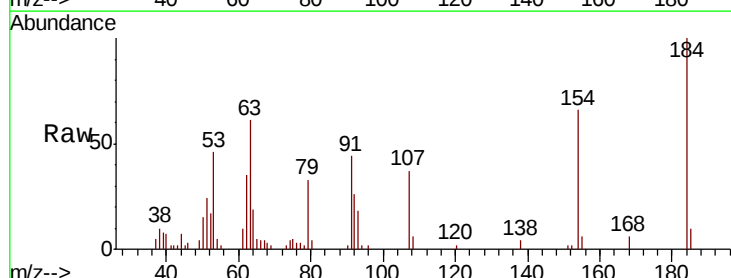
Tgt Ion:184 Resp: 15478

Ion Ratio Lower Upper

184 100

63 60.9 50.9 76.3

154 66.4 53.0 79.6





#55

Dibenzofuran

Concen: 39.484 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

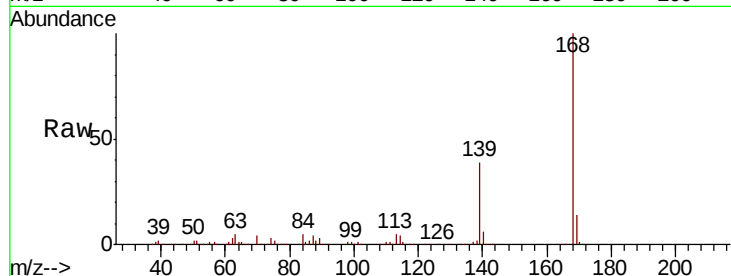
Tot Ion:168 Resp: 479138

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

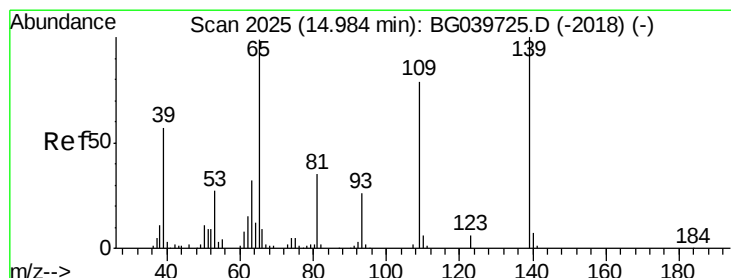
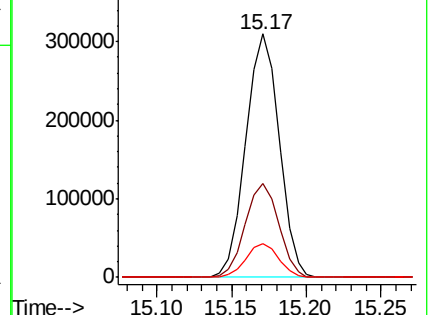
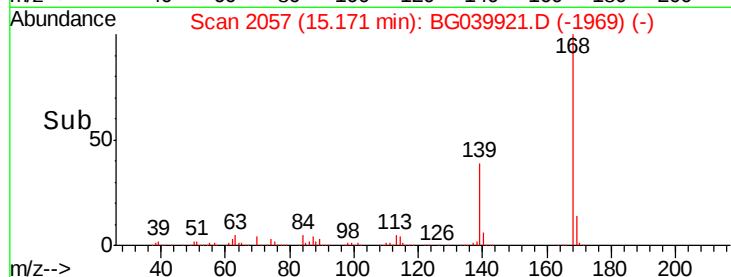
169 14.1 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.568 ng

RT: 14.98 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

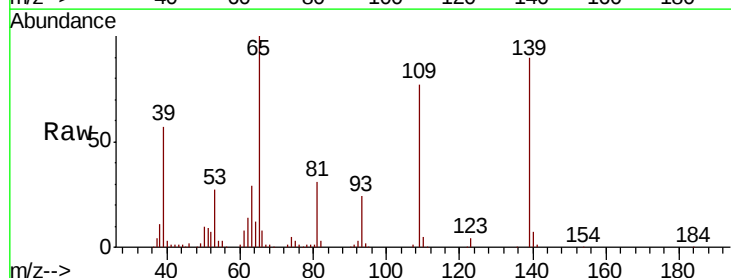
Tgt Ion:139 Resp: 145735

Ion Ratio Lower Upper

139 100

109 85.8 61.9 101.9

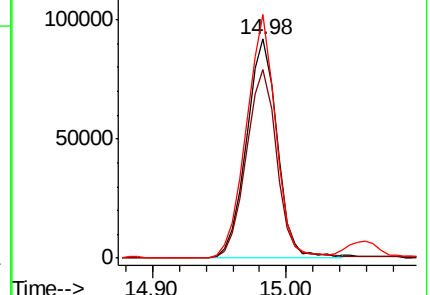
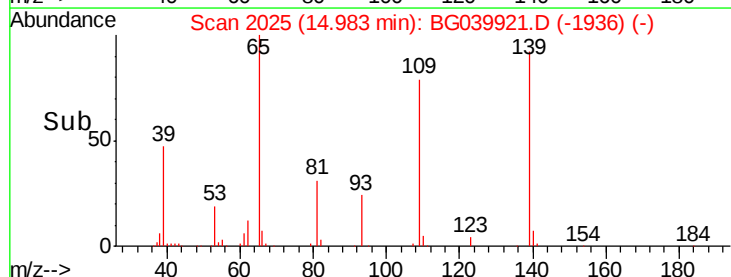
65 111.1 99.1 139.1

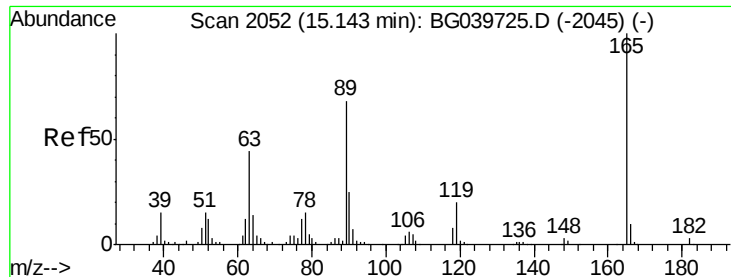


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

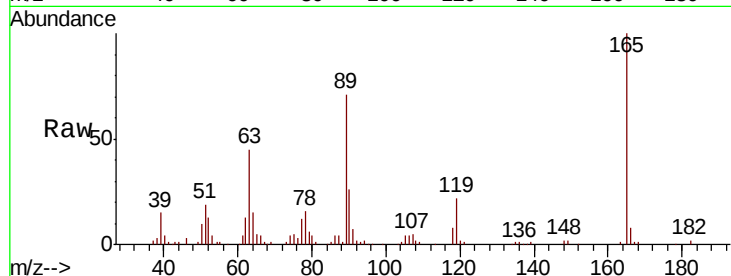




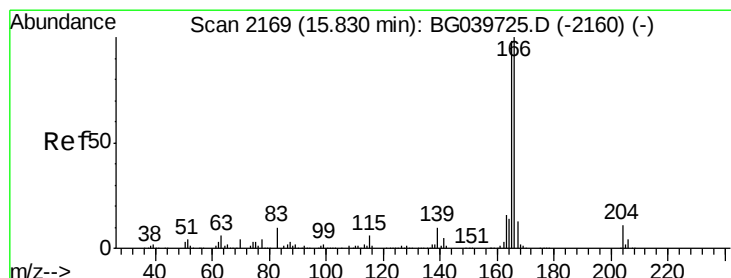
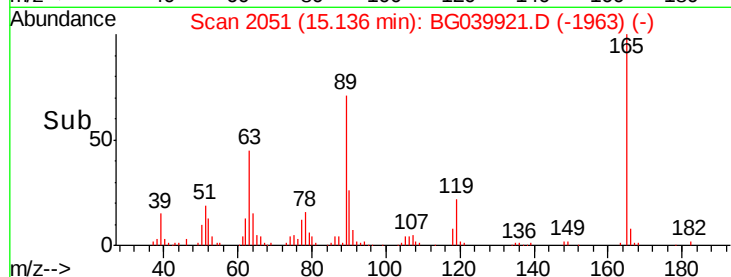
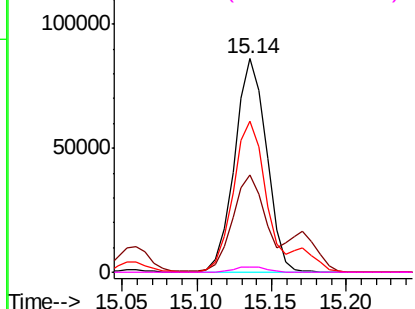
#57
2,4-Dinitrotoluene
Concen: 42.332 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Instrument :
BNA_G
ClientSampleId :
PB117850BS

Tot Ion:	165	Resp:	127565
Ion	Ratio	Lower	Upper
165	100		
63	45.4	41.0	61.6
89	71.0	64.6	96.8
182	2.5	2.0	3.0

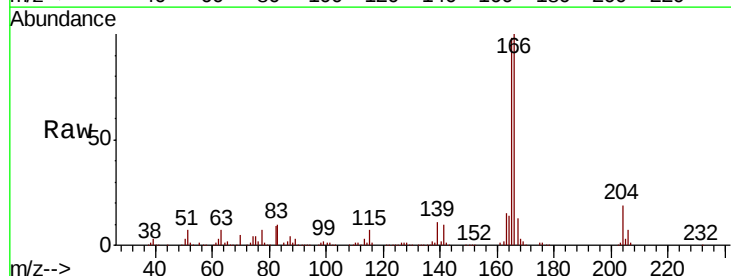


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

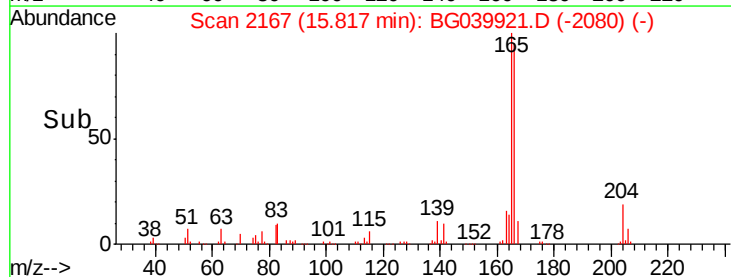
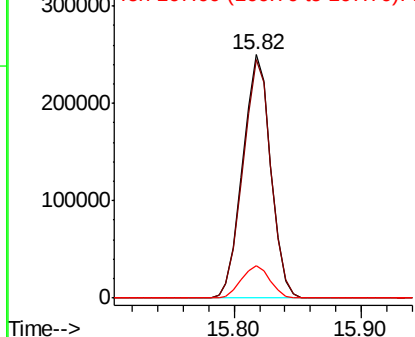


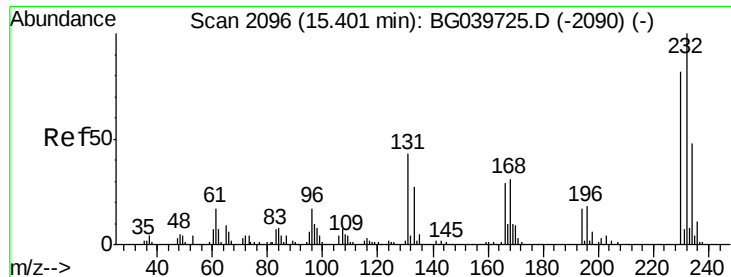
#58
Fluorene
Concen: 39.988 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Tgt Ion:	166	Resp:	381470
Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.9	116.9
167	13.1	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

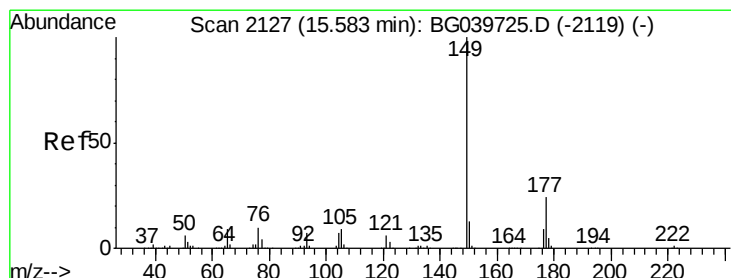
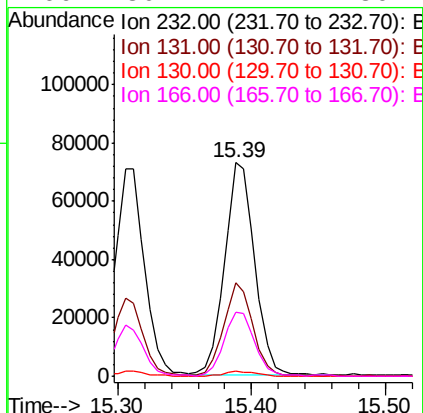
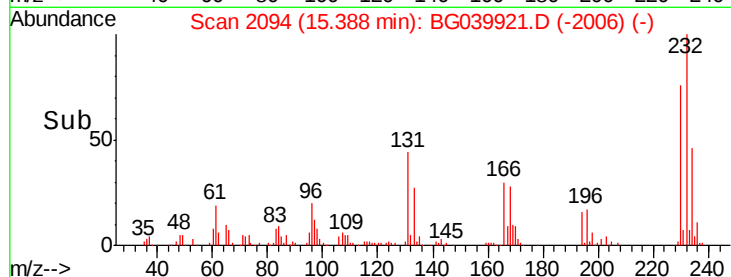
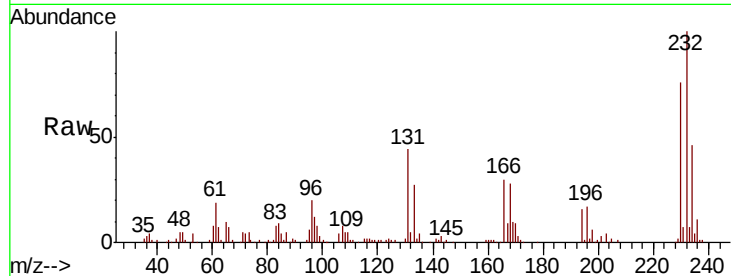




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.382 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

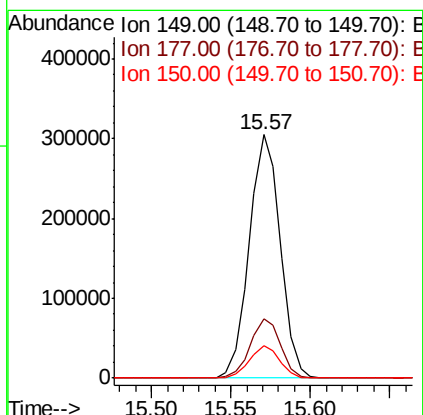
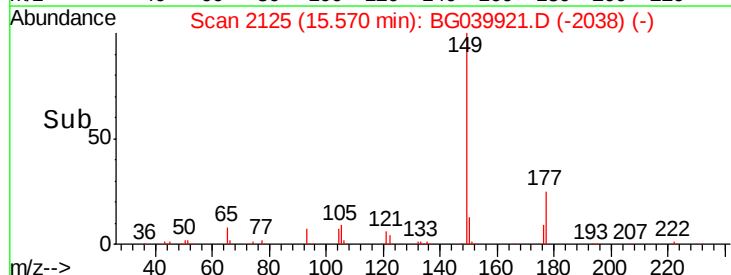
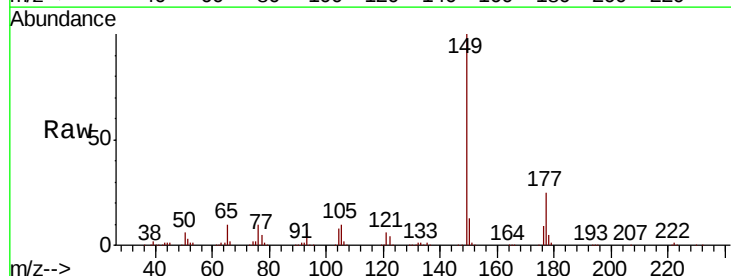
Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

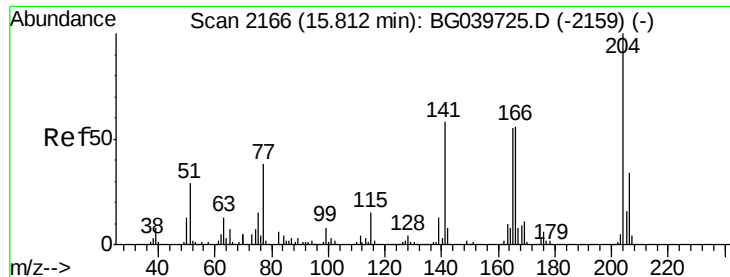
Tot Ion:232	Resp:	114592
Ion Ratio	Lower	Upper
232	100	
131	42.5	34.9 52.3
130	2.4	2.0 3.0
166	30.2	24.1 36.1



#60
 Diethylphthalate
 Concen: 41.306 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

Tgt Ion:149	Resp:	413662
Ion Ratio	Lower	Upper
149	100	
177	24.5	18.3 27.5
150	13.2	10.2 15.2

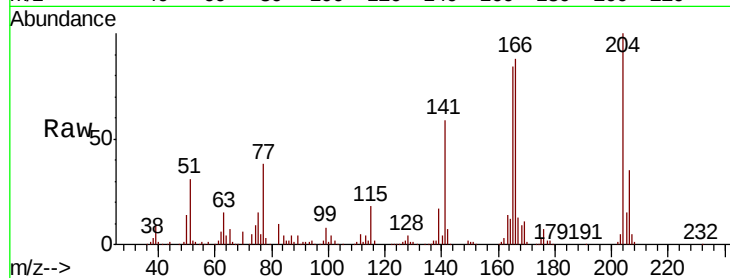




#61
4-Chlorophenyl-phenylether
Concen: 39.990 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Instrument :
BNA_G
ClientSampleId :
PB117850BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	29.2	43.8
141	58.8	49.0	73.4

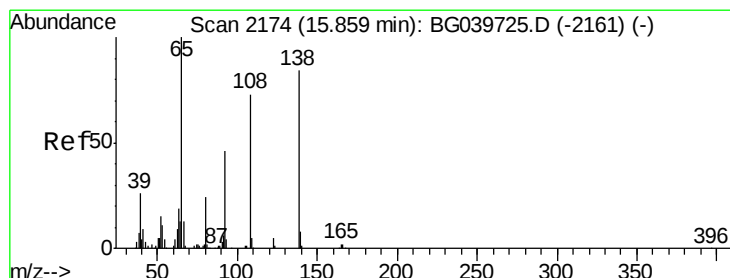
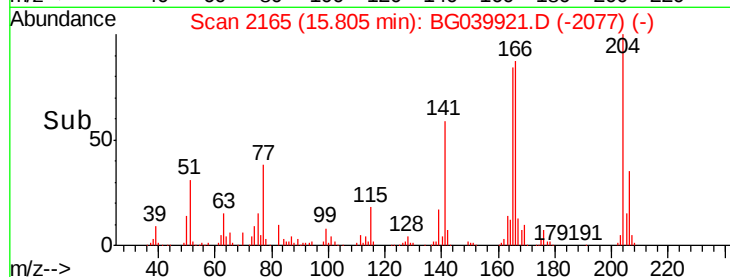
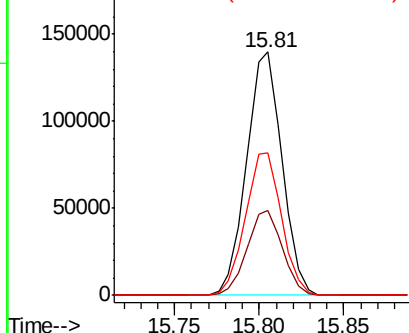


Abundance

Ion 204.00 (203.70 to 204.70): E

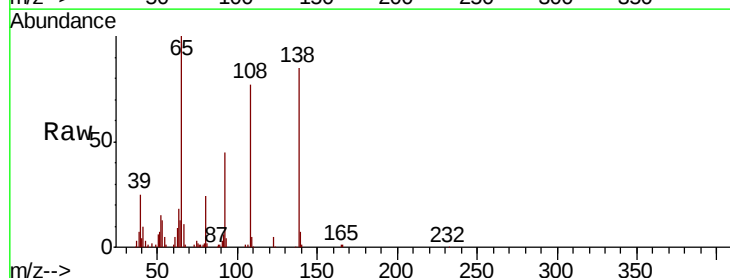
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.798 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.6	38.7	78.7
108	89.8	74.6	114.6

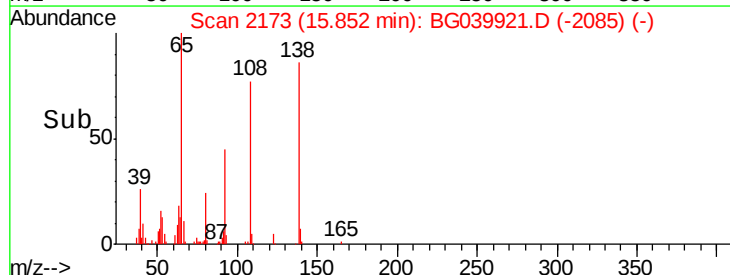
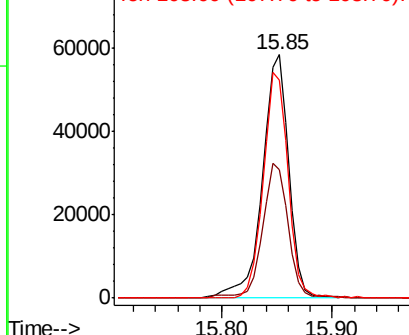


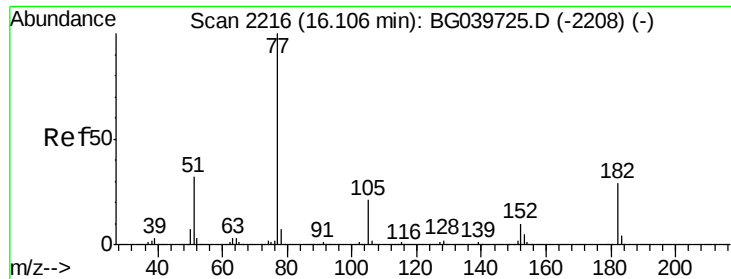
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.156 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

Tot Ion: 77 Resp: 373609

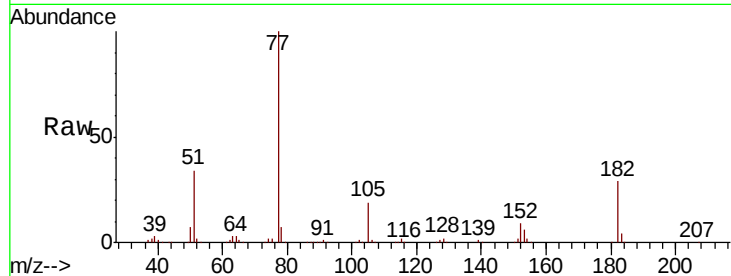
Ion Ratio Lower Upper

77 100

182 28.8 6.4 46.4

105 19.1 0.0 39.8

51 34.4 14.1 54.1

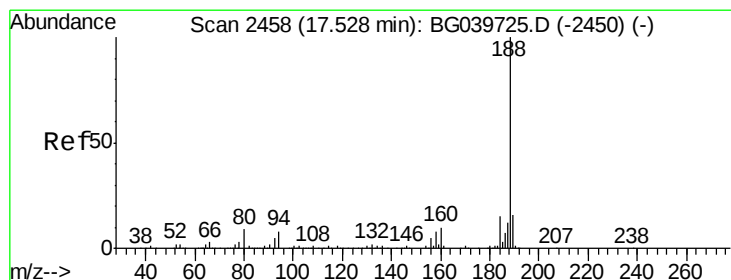
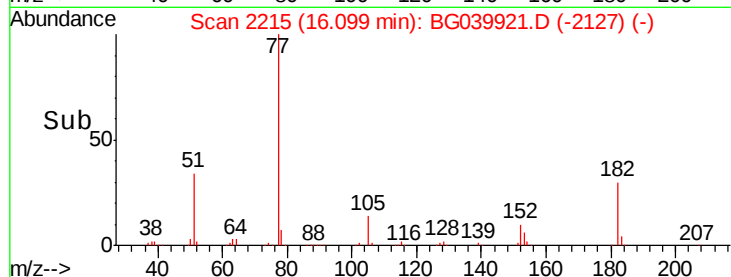
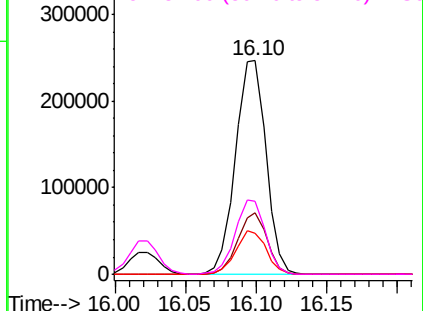


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039921.D

Acq: 14 Mar 2019 3:21

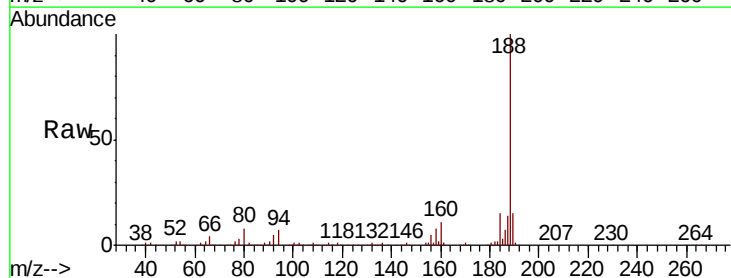
Tgt Ion: 188 Resp: 299740

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

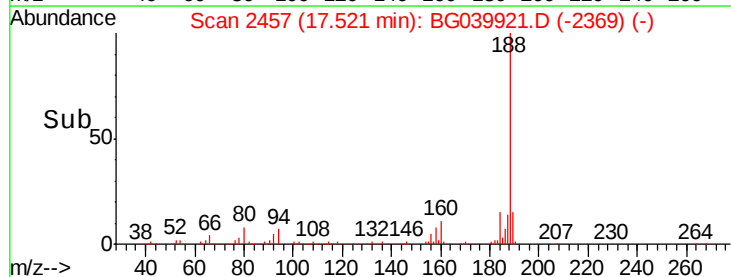
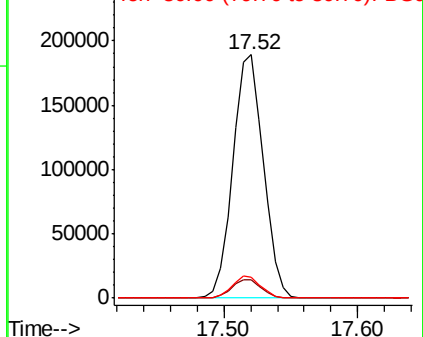
80 8.3 8.1 12.1



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

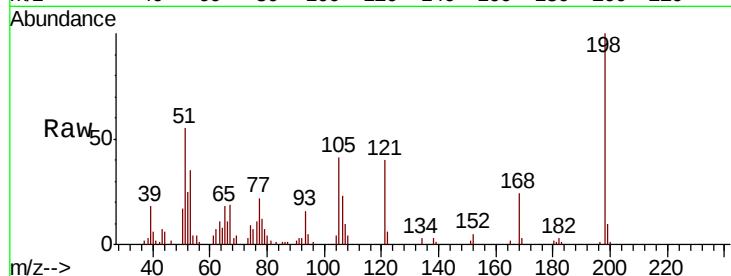




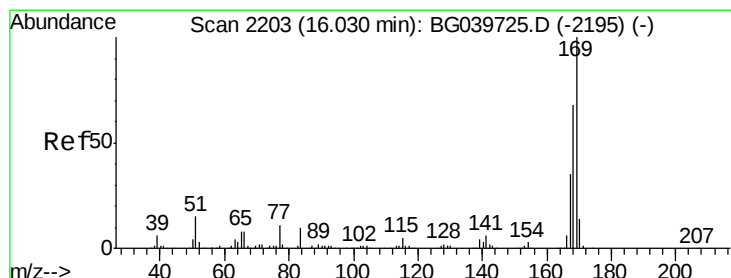
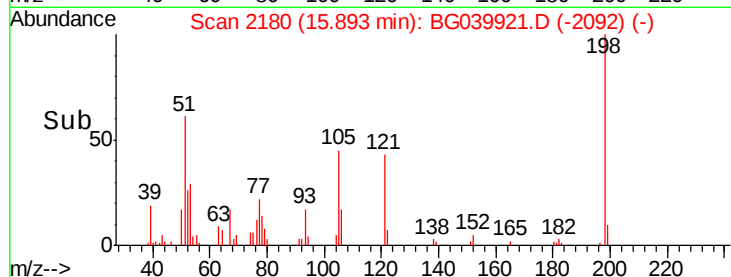
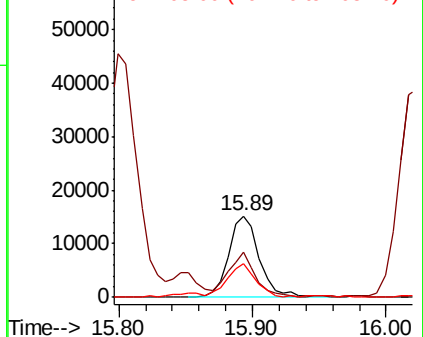
#65
4,6-Dinitro-2-methylphenol
Concen: 13.771 ng
RT: 15.89 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Instrument :
BNA_G
ClientSampleId :
PB117850BS

Tot Ion:198 Resp: 24406
Ion Ratio Lower Upper
198 100
51 55.0 27.4 67.4
105 40.7 19.7 59.7

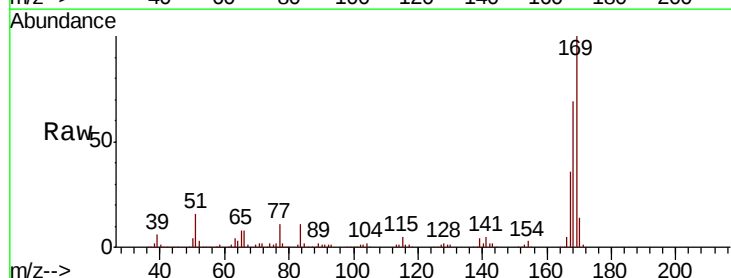


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

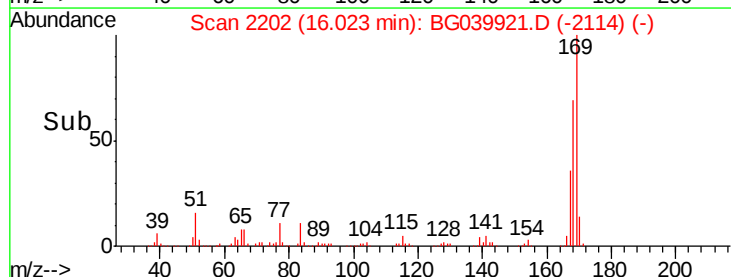
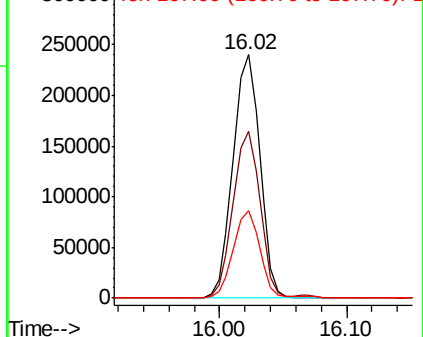


#66
n-Nitrosodiphenylamine
Concen: 40.686 ng
RT: 16.02 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Tgt Ion:169 Resp: 353056
Ion Ratio Lower Upper
169 100
168 68.5 56.6 85.0
167 36.0 28.8 43.2



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

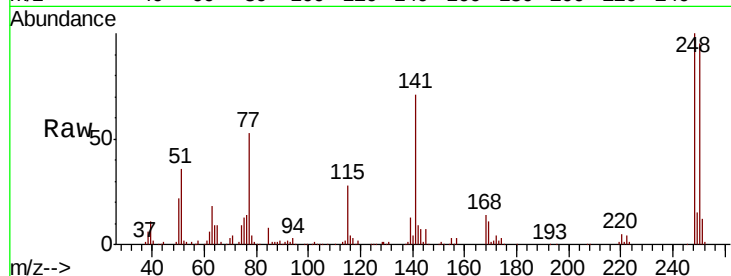




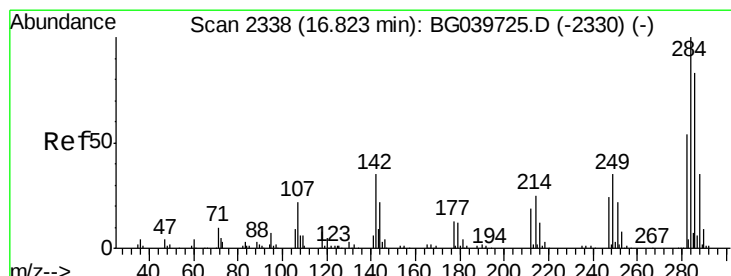
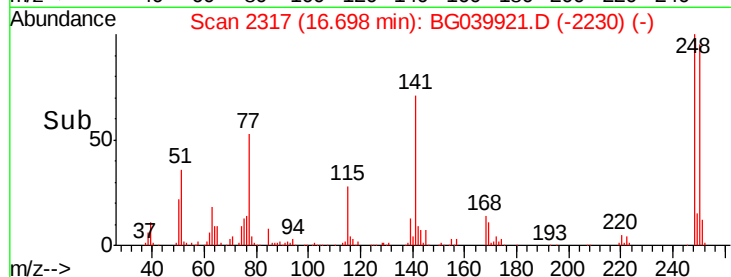
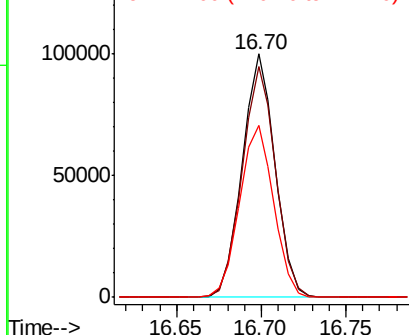
#67
4-Bromophenyl-phenylether
Concen: 40.073 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Instrument :
BNA_G
ClientSampled :
PB117850BS

Tot Ion:248 Resp: 134450
Ion Ratio Lower Upper
248 100
250 94.9 77.6 116.4
141 70.7 63.9 95.9

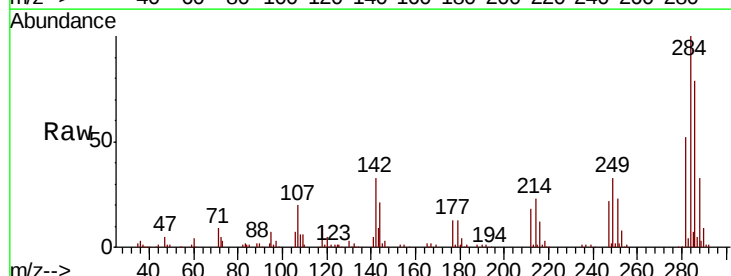


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

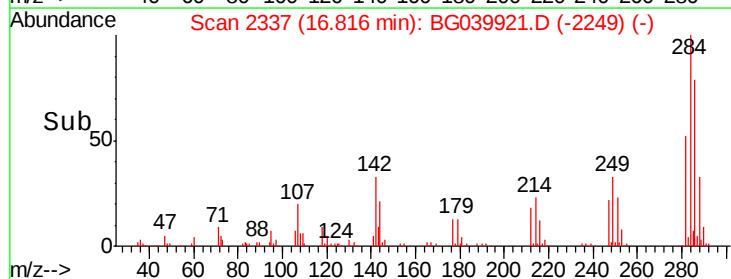
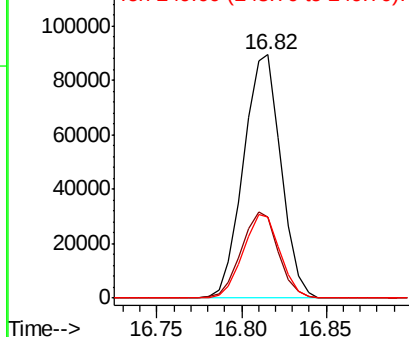


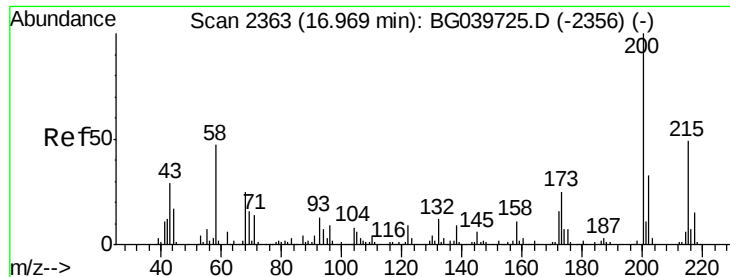
#68
Hexachlorobenzene
Concen: 39.685 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Tgt Ion:284 Resp: 138016
Ion Ratio Lower Upper
284 100
142 33.2 30.6 45.8
249 33.2 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: 39.072 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

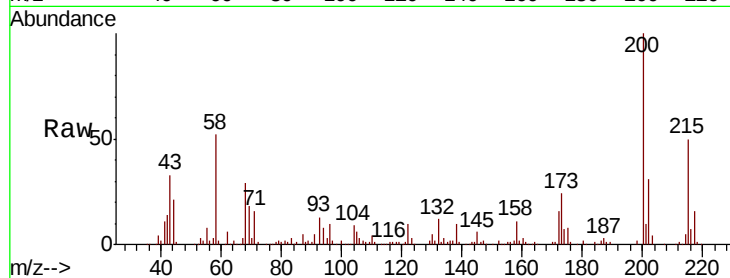
Tot Ion:200 Resp: 133437

Ion Ratio Lower Upper

200 100

173 24.3 3.9 43.9

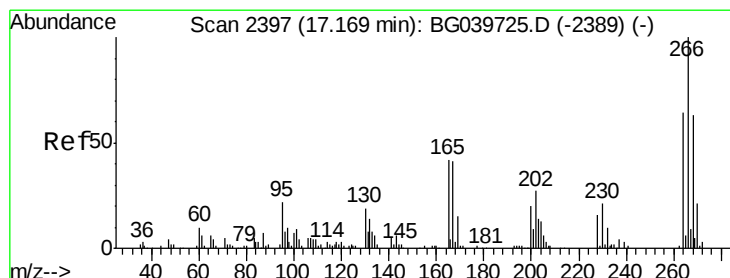
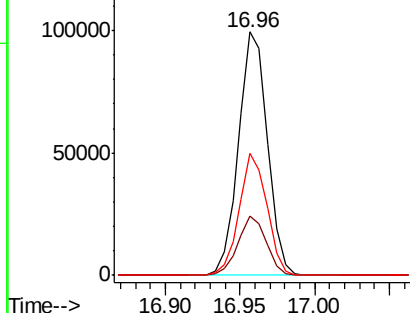
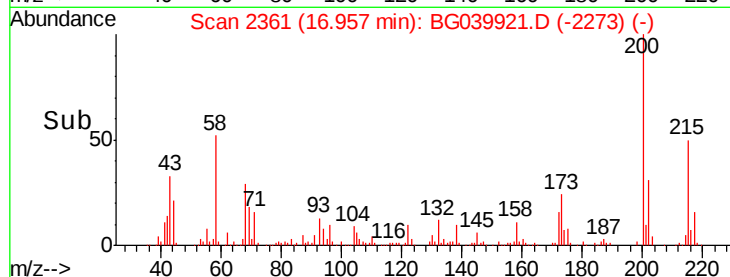
215 49.9 30.9 70.9



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: 56.232 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

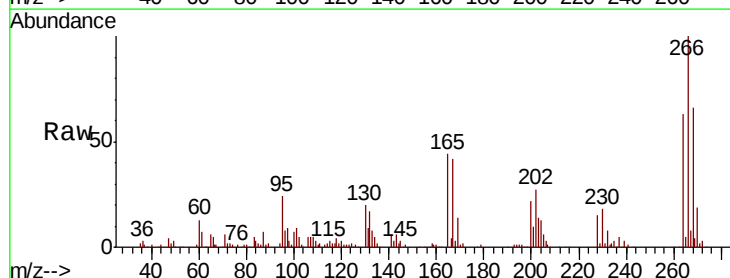
Tgt Ion:266 Resp: 123509

Ion Ratio Lower Upper

266 100

268 65.6 51.1 76.7

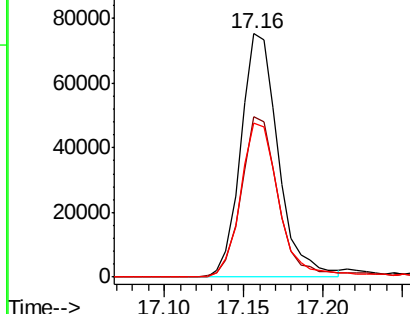
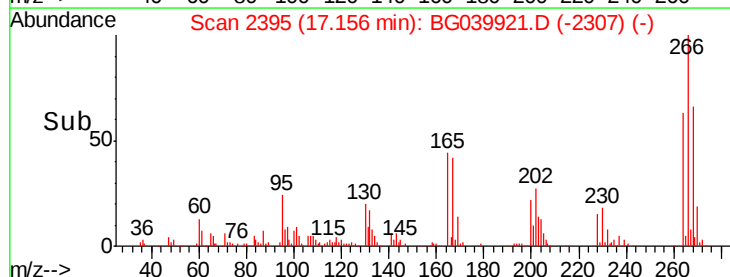
264 63.2 52.1 78.1

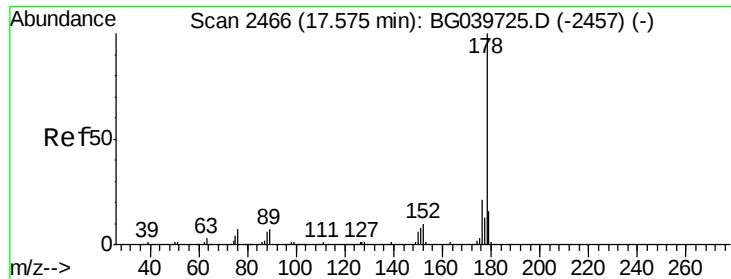


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

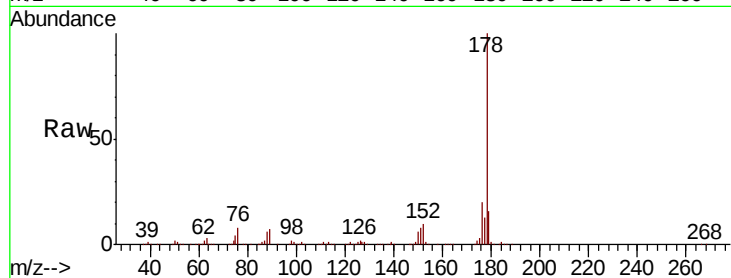




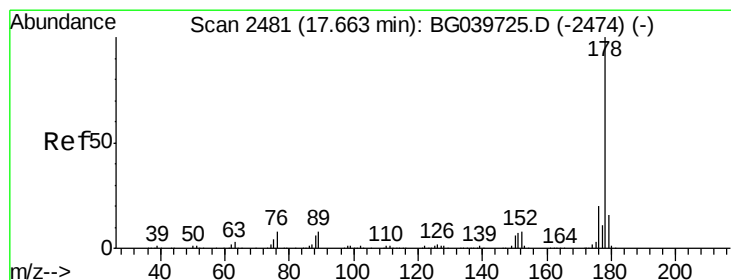
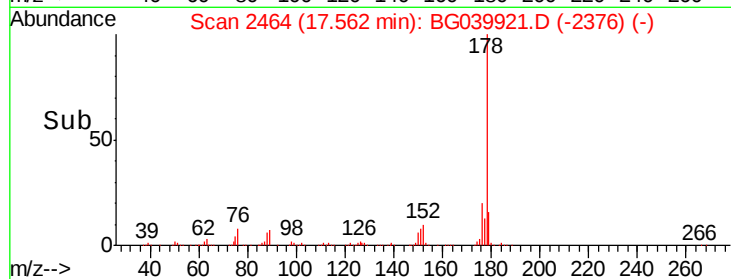
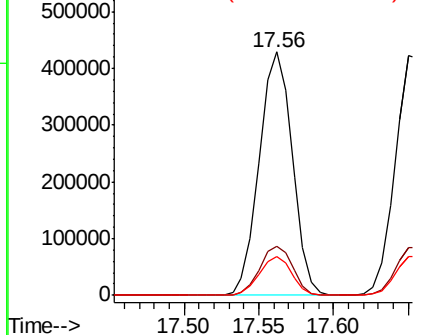
#71
Phenanthrene
Concen: 39.767 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Instrument :
BNA_G
ClientSampleId :
PB117850BS

Tot Ion:178 Resp: 656555
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 15.7 12.6 19.0

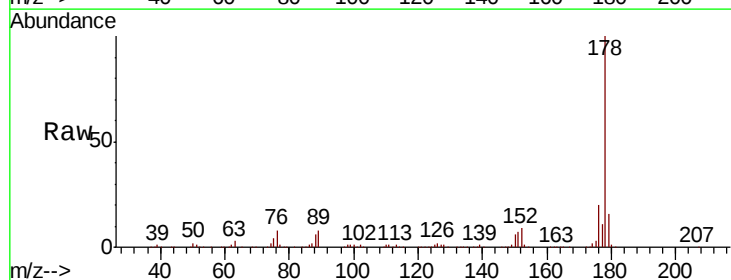


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

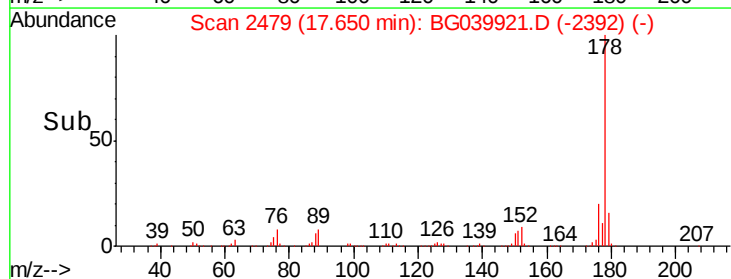
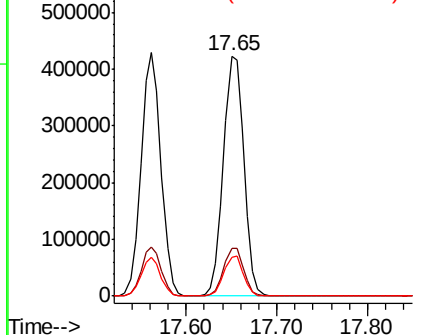


#72
Anthracene
Concen: 41.426 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Tgt Ion:178 Resp: 666496
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.2 12.5 18.7



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

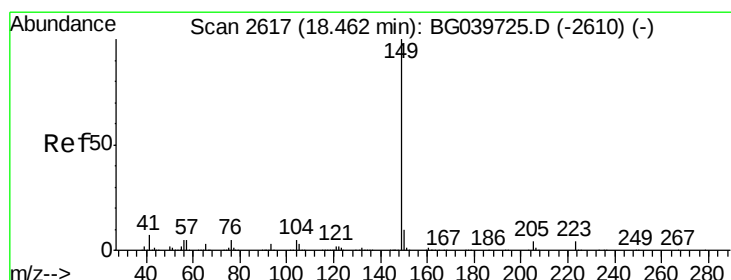
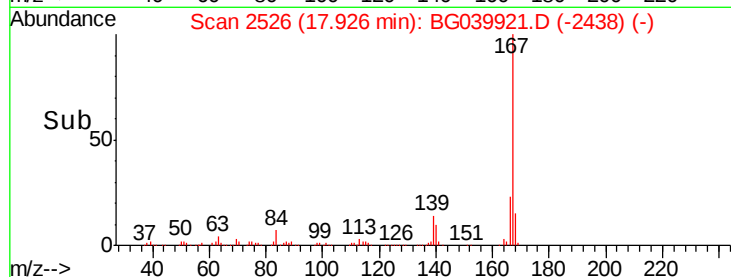
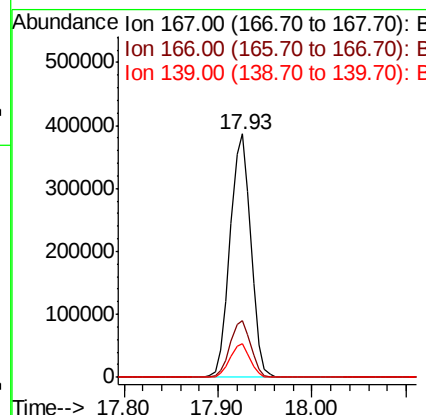
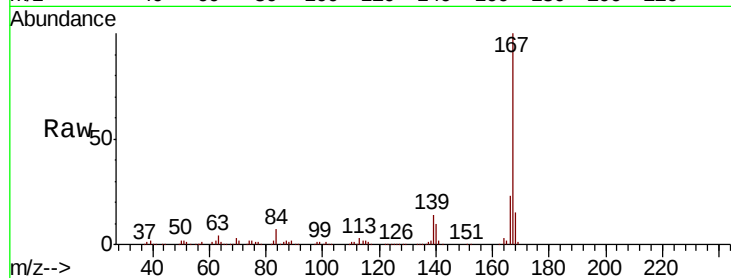




#73
 Carbazole
 Concen: 40.871 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

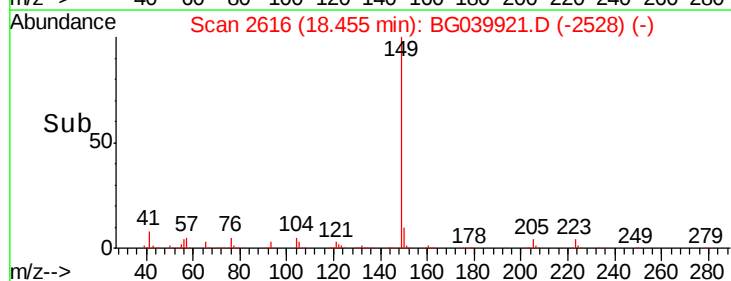
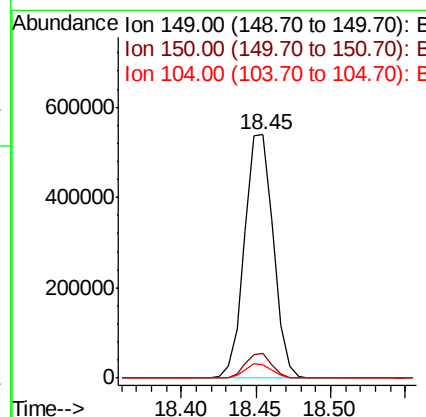
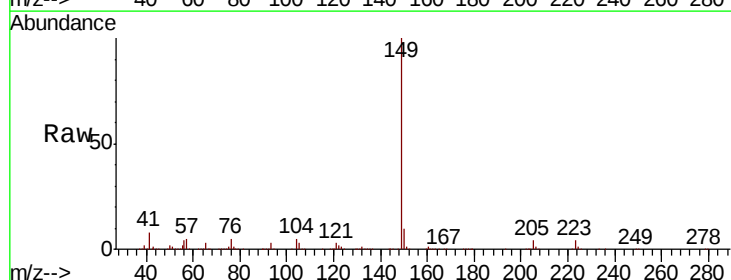
Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

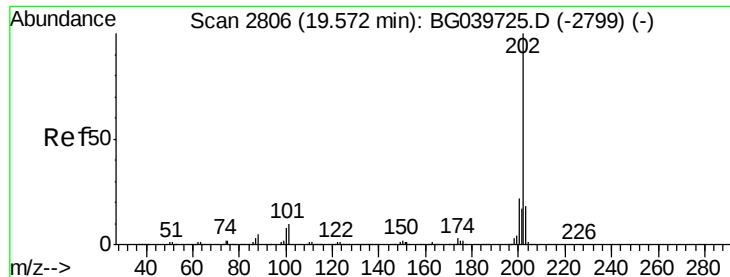
Tot Ion:167 Resp: 592801
 Ion Ratio Lower Upper
 167 100
 166 23.1 19.4 29.2
 139 13.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 42.075 ng
 RT: 18.45 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039921.D
 Acq: 14 Mar 2019 3:21

Tgt Ion:149 Resp: 718015
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.7 11.5
 104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 41.504 ng

RT: 19.56 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

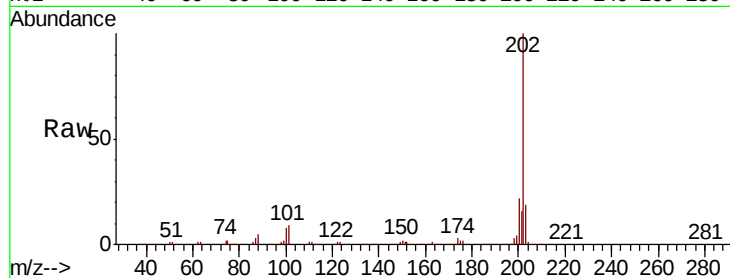
Tot Ion:202 Resp: 809832

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.0

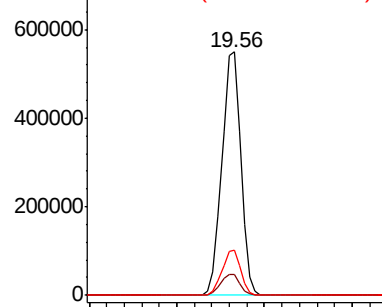
203 18.6 0.0 38.9



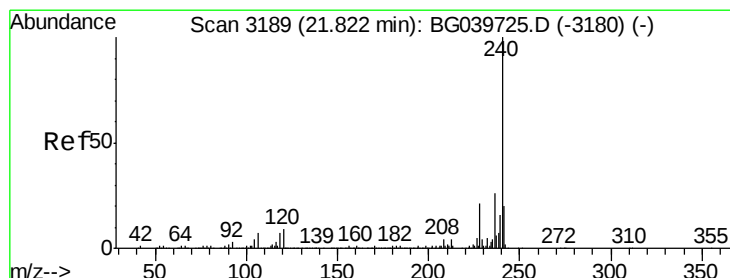
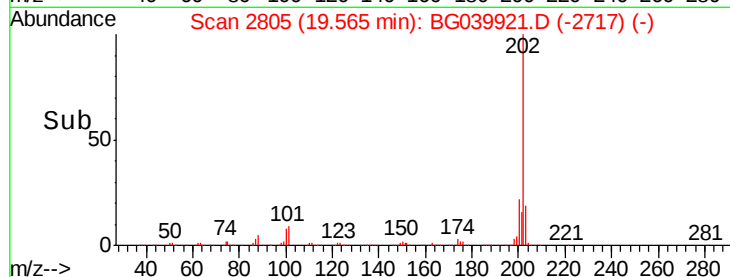
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.50 19.60 19.70



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

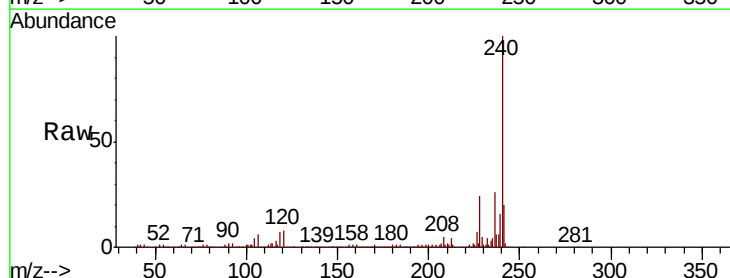
Tgt Ion:240 Resp: 309463

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

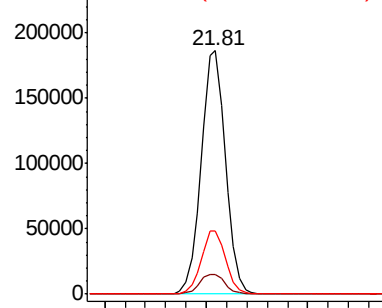
236 25.8 21.0 31.4



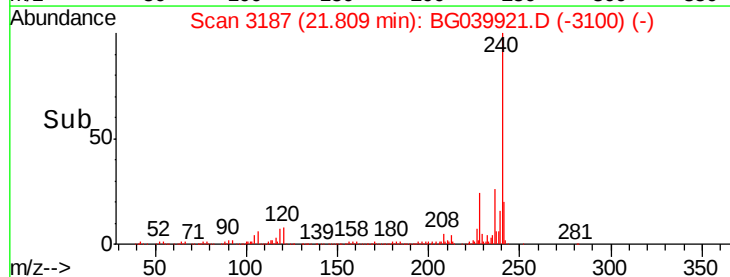
Abundance Ion 240.00 (239.70 to 240.70): E

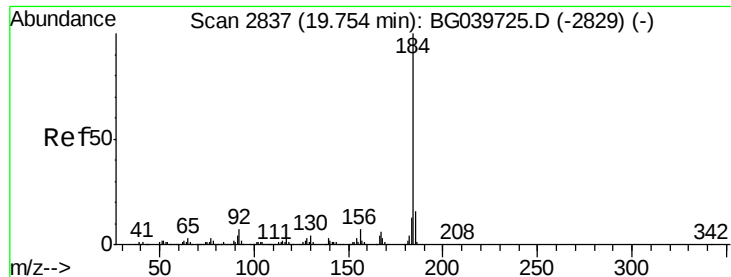
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80 21.90





#77

Benzidine

Concen: 18.633 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

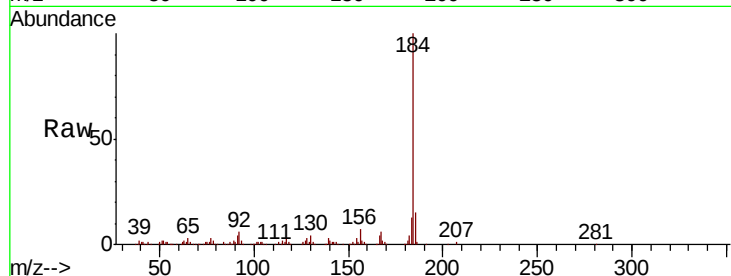
Tot Ion:184 Resp: 182982

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

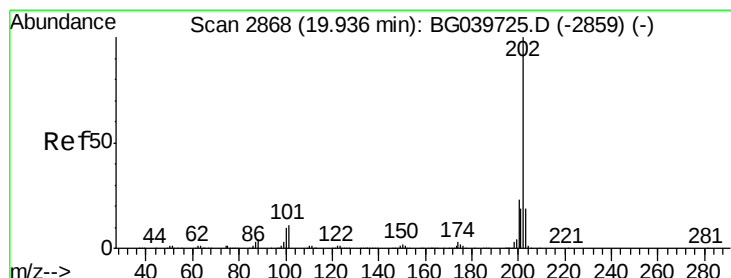
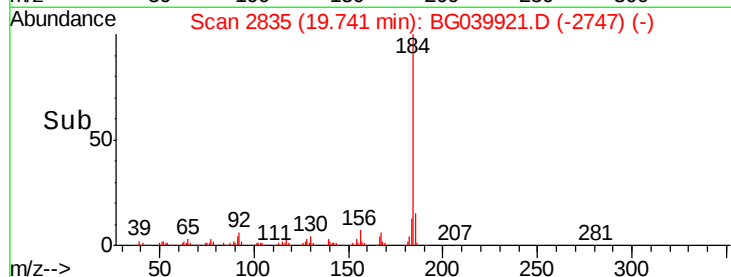
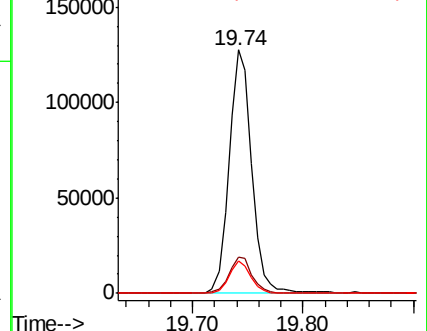
183 13.3 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.337 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

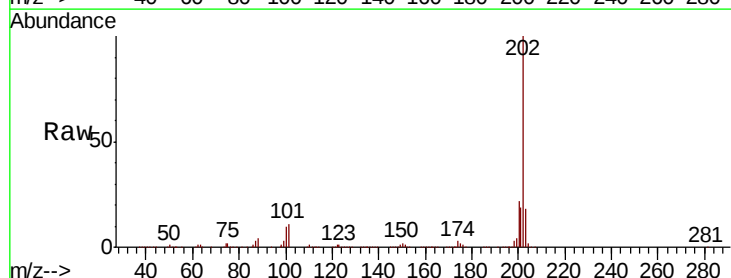
Tgt Ion:202 Resp: 811133

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.8

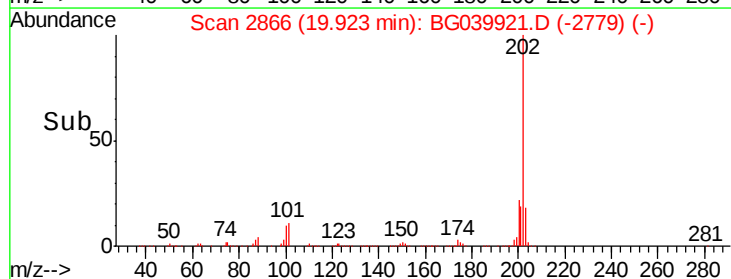
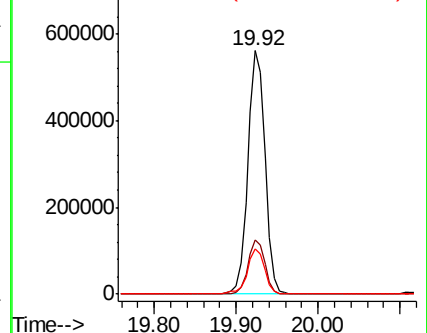
203 18.4 15.3 22.9

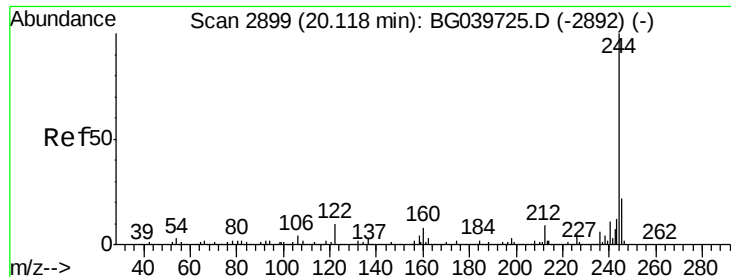


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.855 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampled :

PB117850BS

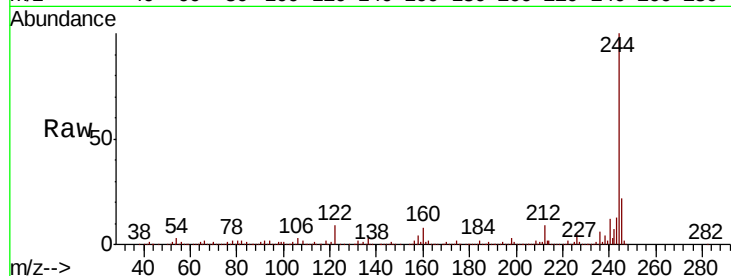
Tot Ion:244 Resp: 1150465

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

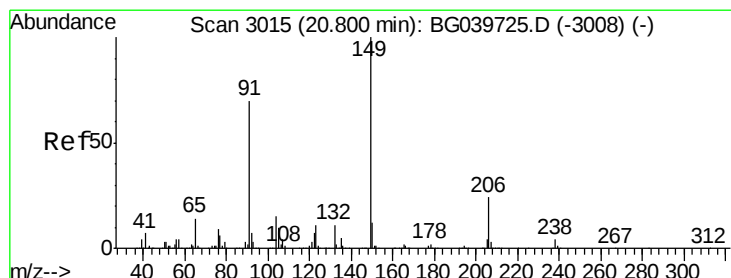
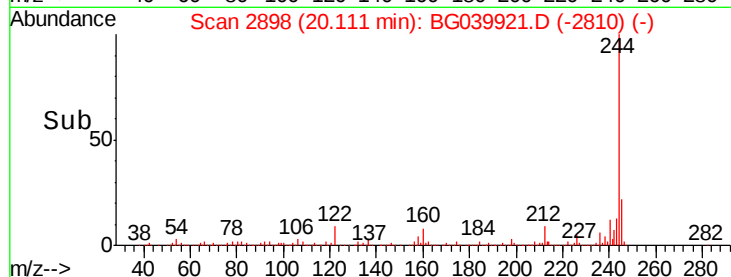
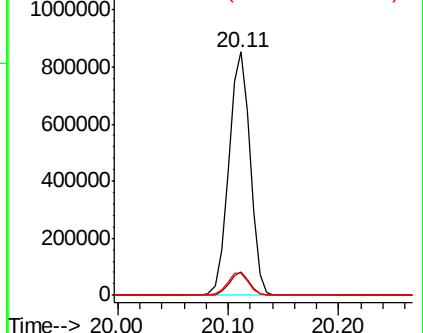
122 9.1 8.4 12.6



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: 43.145 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

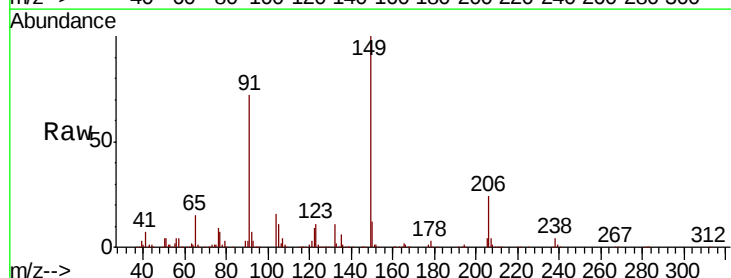
Tgt Ion:149 Resp: 336131

Ion Ratio Lower Upper

149 100

91 71.9 59.5 89.3

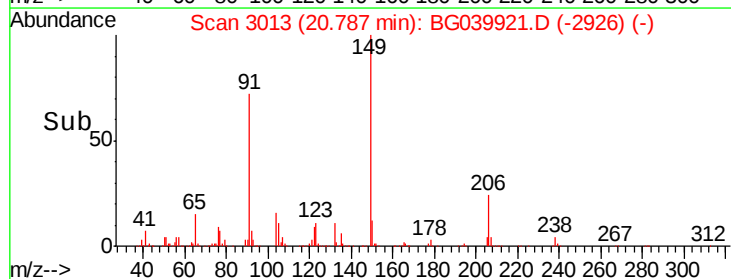
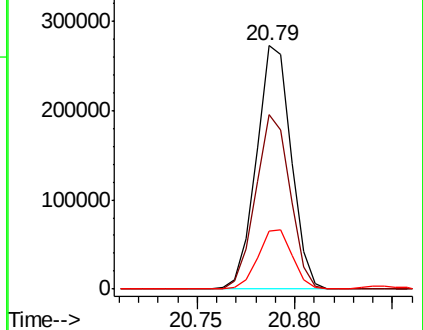
206 23.9 18.6 27.8



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: 41.422 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

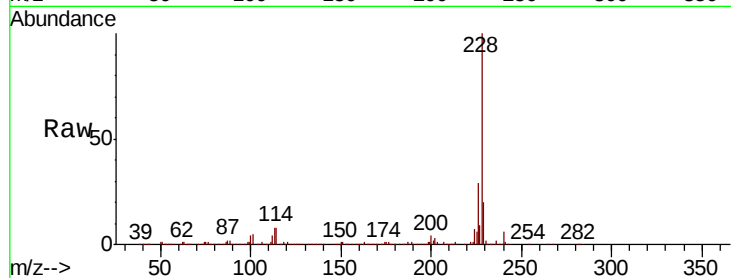
Tot Ion:228 Resp: 803374

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.6

229 20.3 16.9 25.3

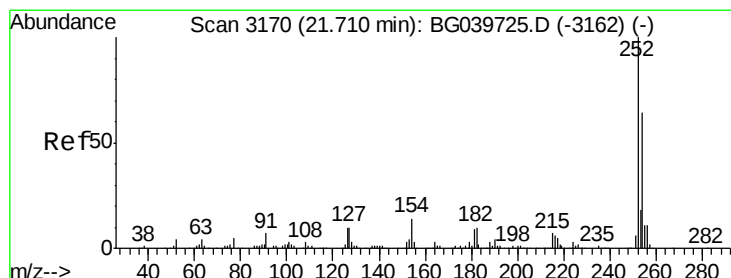
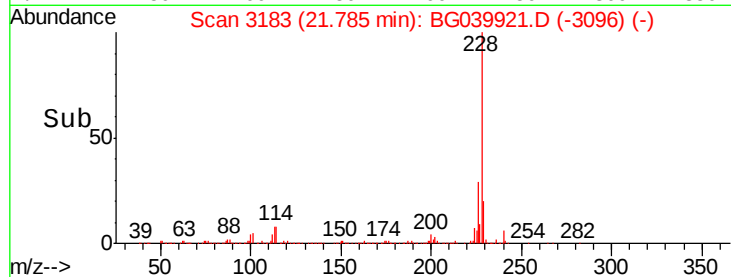
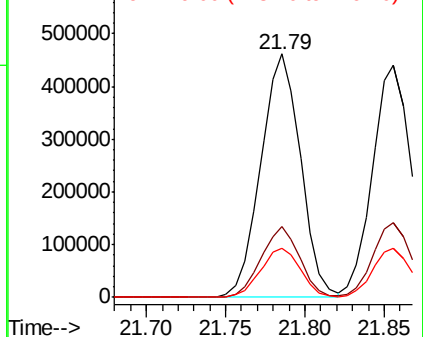


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 16.668 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

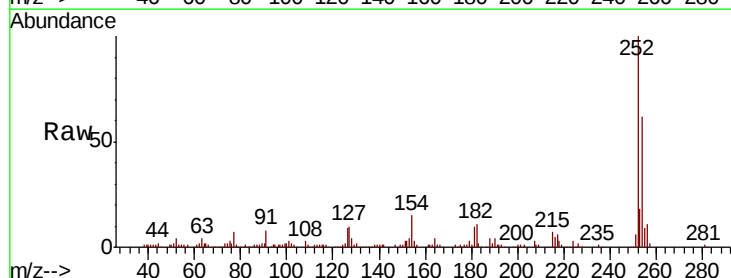
Tgt Ion:252 Resp: 118029

Ion Ratio Lower Upper

252 100

254 62.2 51.3 76.9

126 9.5 8.0 12.0

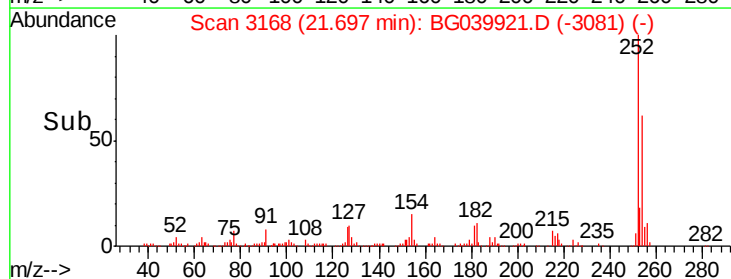
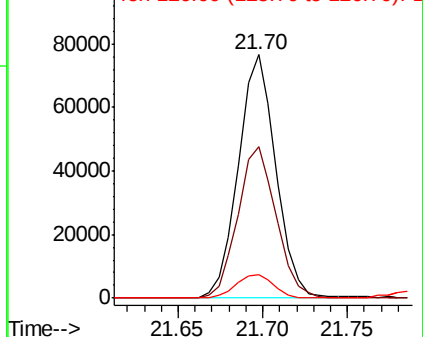


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.566 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

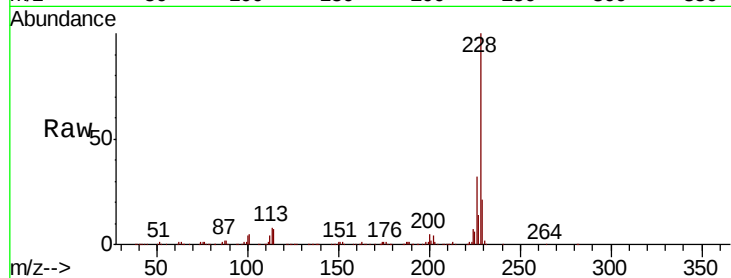
Tot Ion:228 Resp: 743954

Ion Ratio Lower Upper

228 100

226 32.2 25.8 38.6

229 21.1 16.6 25.0

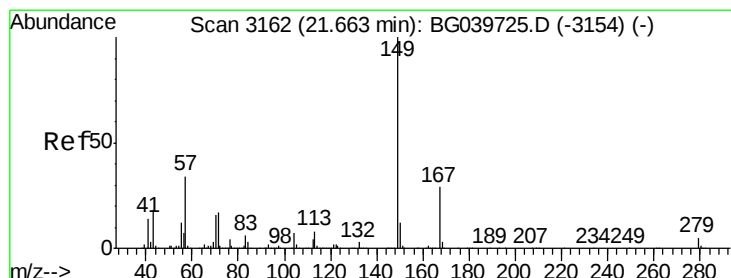
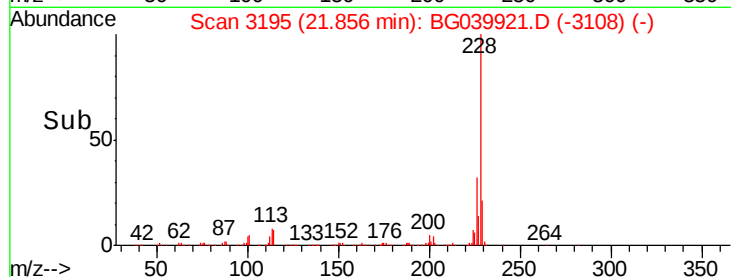
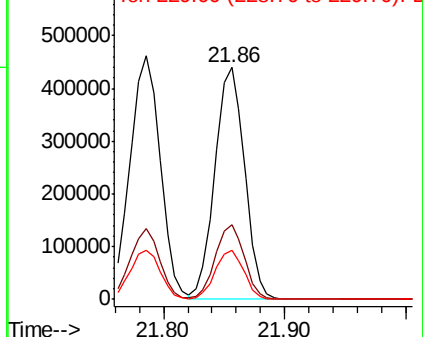


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.955 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.03 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

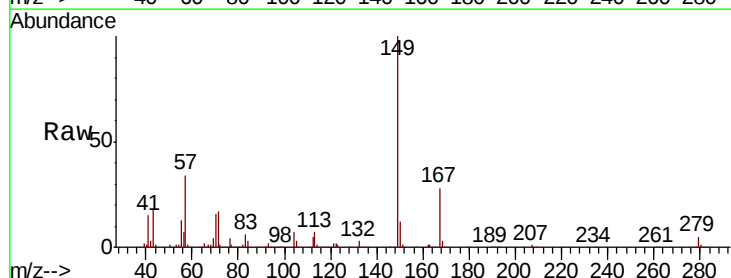
Tgt Ion:149 Resp: 470265

Ion Ratio Lower Upper

149 100

167 27.7 22.6 34.0

279 4.7 3.5 5.3

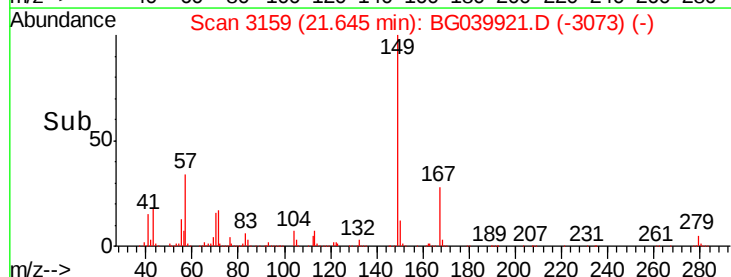
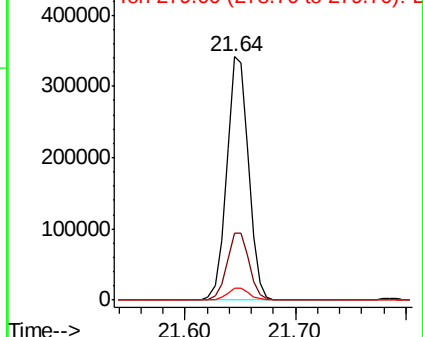


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

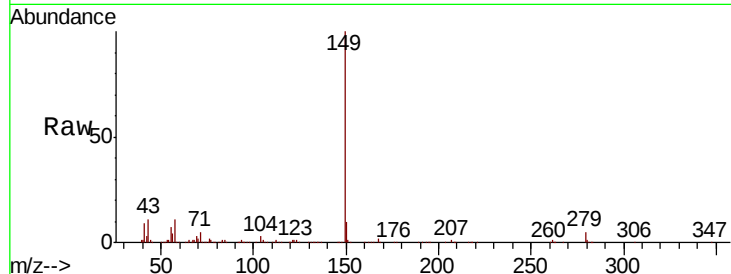




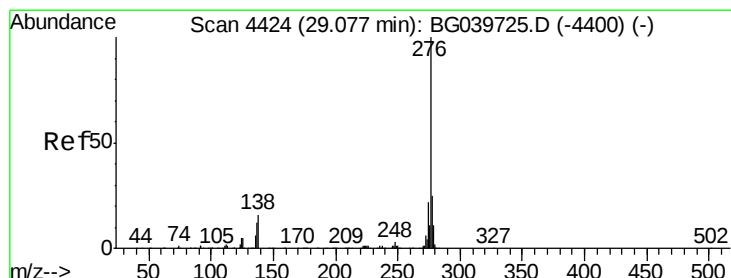
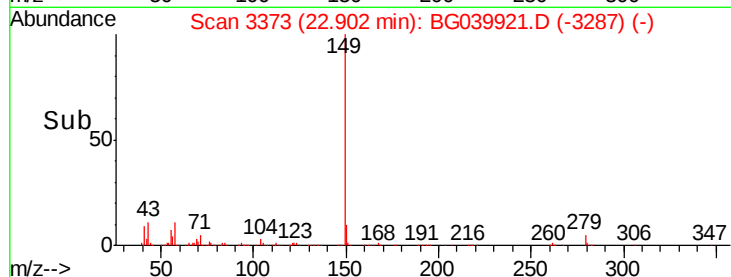
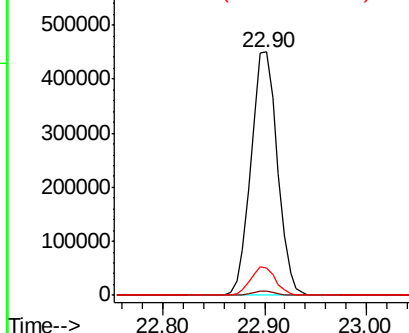
#85
Di-n-octyl phthalate
Concen: 45.045 ng
RT: 22.90 min Scan# 3373
Delta R.T. -0.03 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Instrument :
BNA_G
ClientSampleId :
PB117850BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.3	10.2	15.4

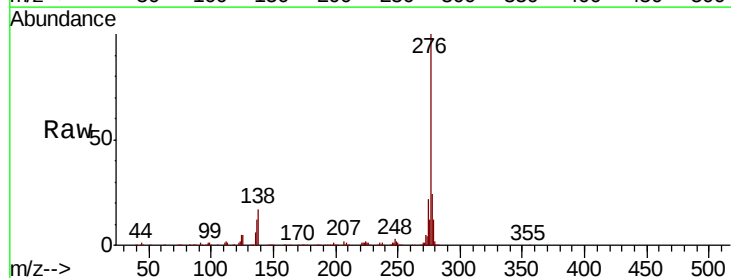


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

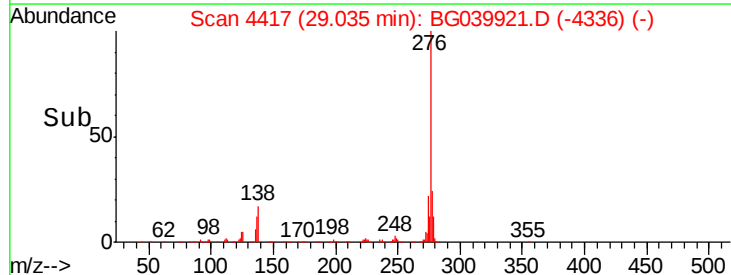
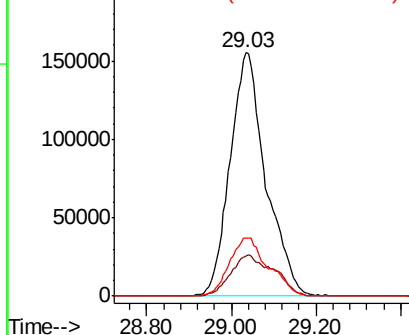


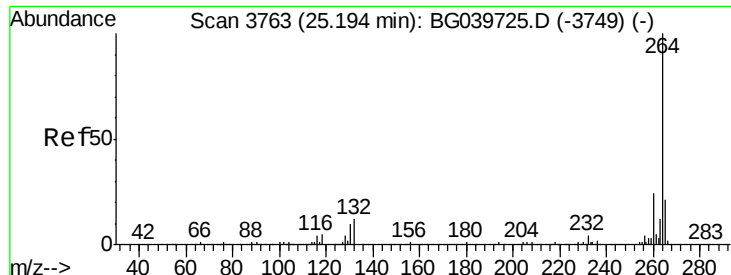
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.537 ng
RT: 29.03 min Scan# 4417
Delta R.T. -0.05 min
Lab File: BG039921.D
Acq: 14 Mar 2019 3:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	12.6	19.0
277	26.0	20.8	31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

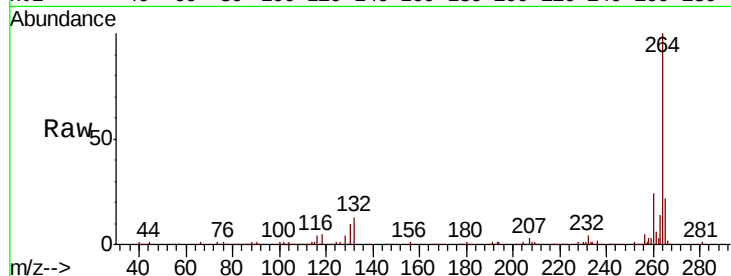
Tot Ion:264 Resp: 319141

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

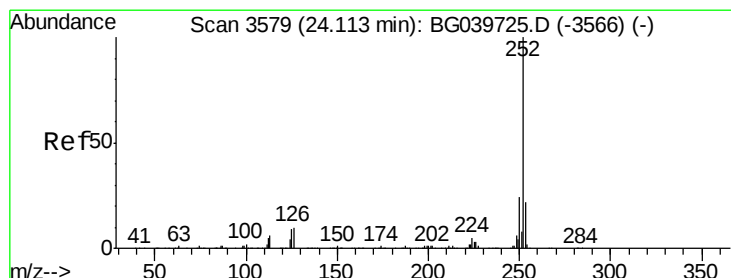
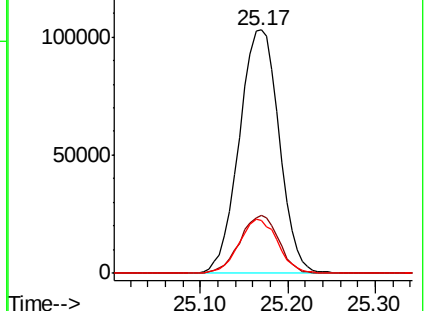
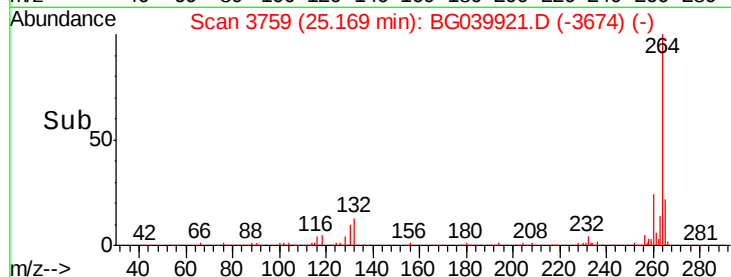
265 21.6 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.235 ng

RT: 24.09 min Scan# 3576

Delta R.T. -0.03 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

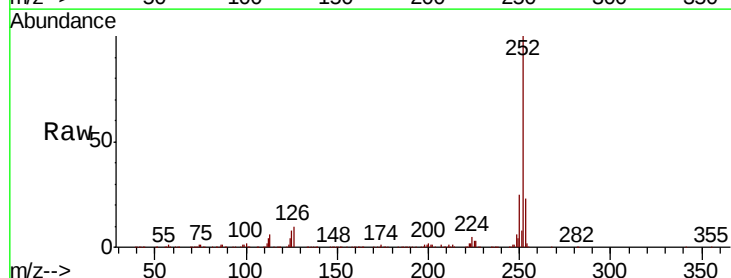
Tgt Ion:252 Resp: 784745

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

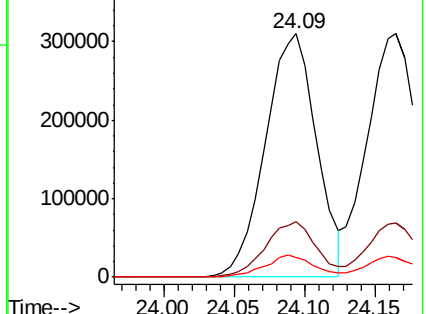
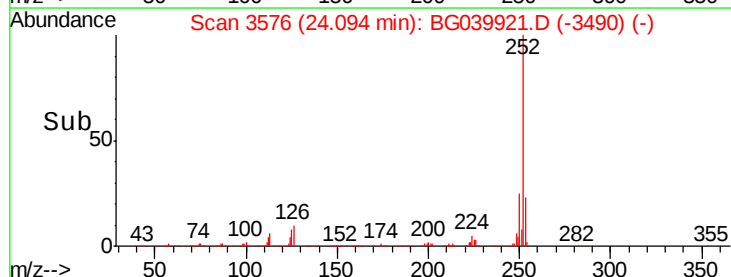
125 8.3 7.8 11.6

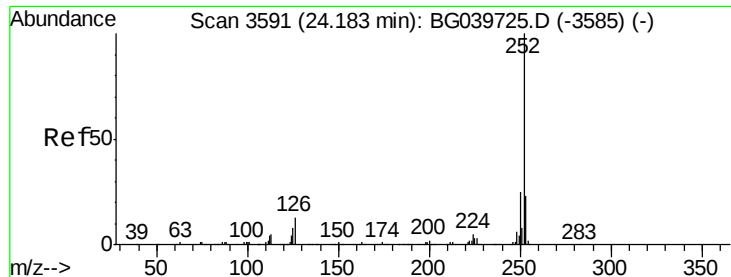


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.676 ng

RT: 24.16 min Scan# 3588

Delta R.T. -0.03 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

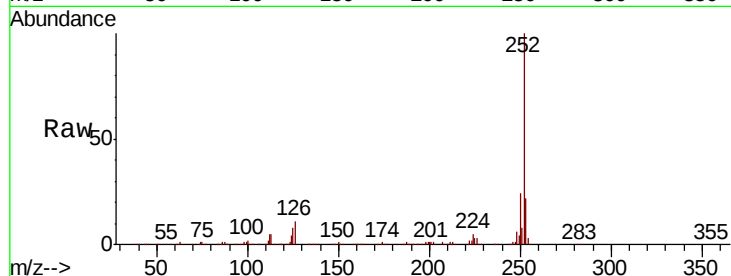
Tot Ion:252 Resp: 773718

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

125 8.3 7.4 11.2

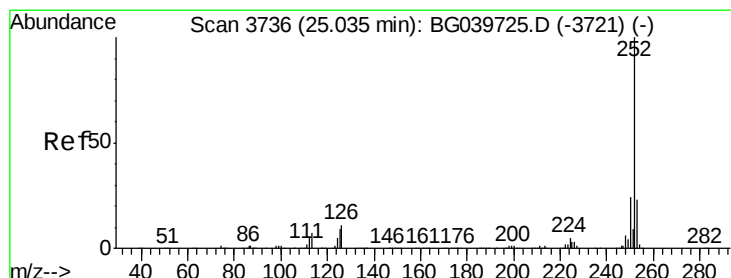
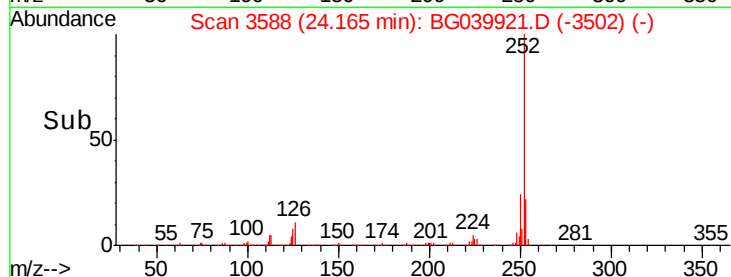
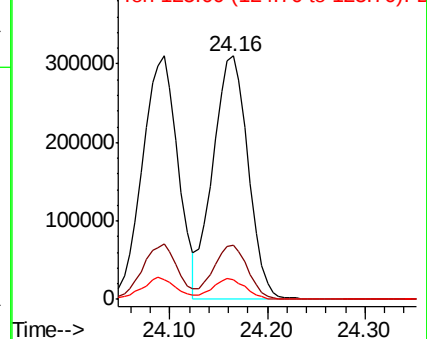


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.901 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

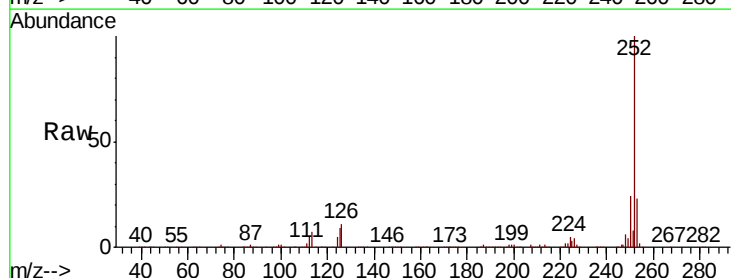
Tgt Ion:252 Resp: 772034

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 9.4 8.3 12.5

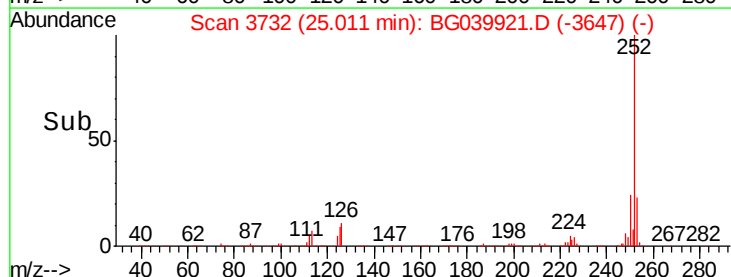
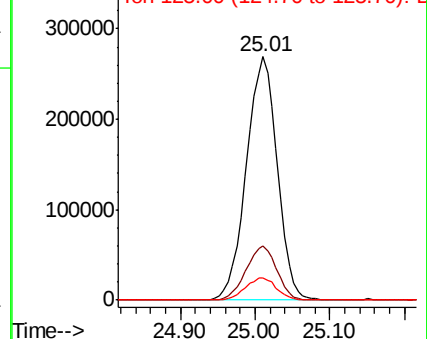


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.943 ng

RT: 29.10 min Scan# 4428

Delta R.T. -0.05 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

Instrument :

BNA_G

ClientSampleId :

PB117850BS

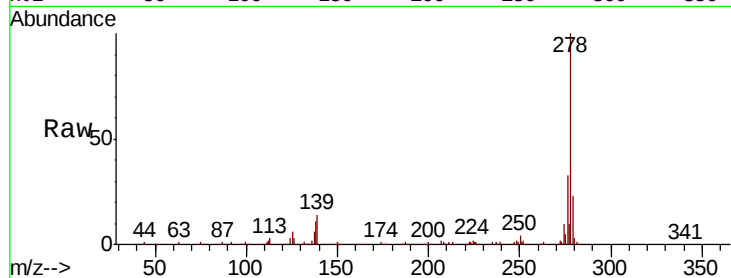
Tot Ion:278 Resp: 740350

Ion Ratio Lower Upper

278 100

139 13.7 11.7 17.5

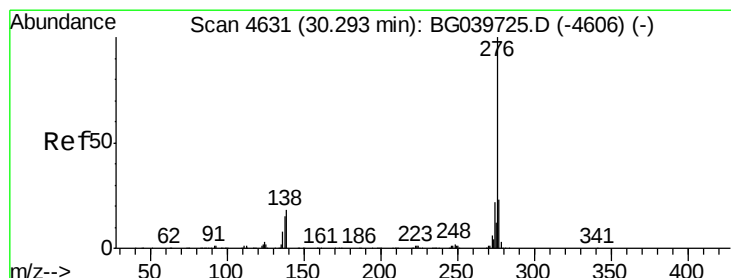
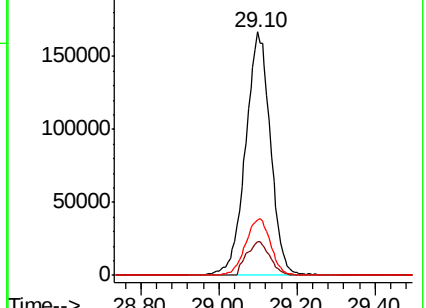
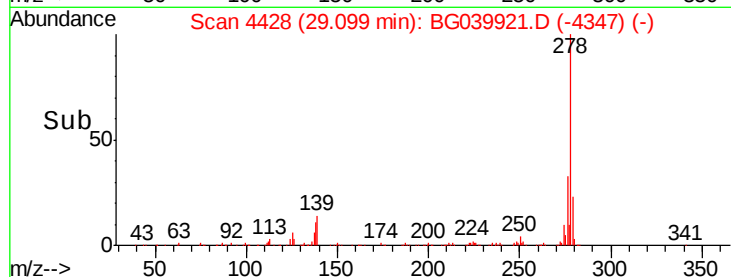
279 22.9 19.1 28.7



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: 43.650 ng

RT: 30.26 min Scan# 4626

Delta R.T. -0.05 min

Lab File: BG039921.D

Acq: 14 Mar 2019 3:21

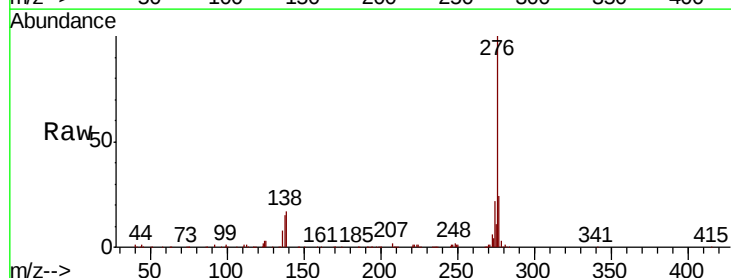
Tgt Ion:276 Resp: 755791

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 16.8 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

