

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039833.D
 Acq On : 8 Mar 2019 22:50
 Operator : JU/SJ
 Sample : K1783-06MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 23:41:32 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	43494	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	195639	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	138235	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	330597	20.00	ng	0.00
76) Chrysene-d12	21.82	240	319547	20.00	ng	-0.01
87) Perylene-d12	25.18	264	335485	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	177429	69.59	ng	-0.01
7) Phenol-d6	7.30	99	166919	43.91	ng	-0.01
23) Nitrobenzene-d5	9.33	82	351401	97.14	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	237887	147.64	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	876000	90.23	ng	-0.01
79) Terphenyl-d14	20.12	244	1346670	92.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	17937	15.239	ng	98
3) Pyridine	3.99	79	39785	12.626	ng	92
4) n-Nitrosodimethylamine	3.91	42	26219	17.540	ng	89
6) Aniline	7.48	93	49487	9.936	ng	95
8) 2-Chlorophenol	7.71	128	118020	38.157	ng	97
9) Benzaldehyde	7.29	77	85880	35.023	ng	97
10) Phenol	7.32	94	61223	14.867	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	144780	45.092	ng	97
12) 1,3-Dichlorobenzene	8.04	146	147974	42.302	ng	98
13) 1,4-Dichlorobenzene	8.19	146	150582	42.261	ng	99
14) 1,2-Dichlorobenzene	8.51	146	146099	42.438	ng	98
15) Benzyl Alcohol	8.39	79	85787	28.449	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	277169	43.162	ng	98
17) 2-Methylphenol	8.59	107	85984	32.745	ng	97
18) Hexachloroethane	9.24	117	52988	41.446	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	122710	44.848	ng	92
20) 3+4-Methylphenols	8.92	107	108209	29.663	ng	97
22) Acetophenone	8.99	105	230149	43.830	ng	# 95
24) Nitrobenzene	9.37	77	179952	47.420	ng	98
25) Isophorone	9.89	82	352119	46.457	ng	97
26) 2-Nitrophenol	10.08	139	83495	45.570	ng	97
27) 2,4-Dimethylphenol	10.13	122	134986	47.370	ng	96
28) bis(2-Chloroethoxy)methane	10.37	93	212847	46.210	ng	98
29) 2,4-Dichlorophenol	10.61	162	157718	49.159	ng	93
30) 1,2,4-Trichlorobenzene	10.83	180	168010	46.537	ng	99
31) Naphthalene	11.03	128	479358	46.278	ng	99
32) Benzoic acid	10.23	122	18996	14.973	ng	88
33) 4-Chloroaniline	11.14	127	40798	9.288	ng	96
34) Hexachlorobutadiene	11.29	225	107863	43.722	ng	94
35) Caprolactam	11.93	113	7701	6.284	ng	# 77
36) 4-Chloro-3-methylphenol	12.23	107	160998	43.776	ng	96
37) 2-Methylnaphthalene	12.62	142	377667	48.768	ng	98
38) 1-Methylnaphthalene	12.84	142	356250	47.337	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	209944	44.831	ng	99

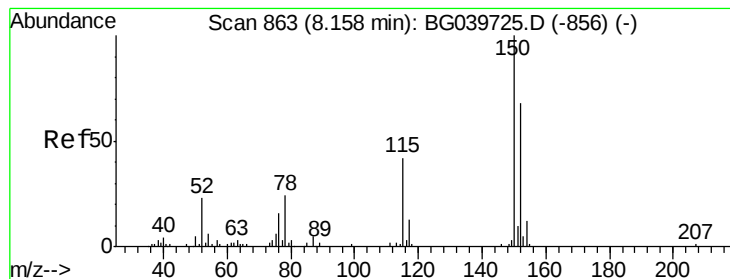
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039833.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	244640	97.479	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	139126	50.744	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	148304	47.989	ng	95
46) 1,1'-Biphenyl	13.61	154	512280	45.057	ng	98
47) 2-Chloronaphthalene	13.67	162	400592	46.835	ng	99
48) 2-Nitroaniline	13.87	65	138489	50.382	ng	96
49) Acenaphthylene	14.51	152	641941	45.719	ng	99
50) Dimethylphthalate	14.23	163	541203	46.821	ng	98
51) 2,6-Dinitrotoluene	14.36	165	122497	49.989	ng	93
52) Acenaphthene	14.85	154	398919	47.204	ng	98
53) 3-Nitroaniline	14.69	138	25086	10.184	ng	# 88
54) 2,4-Dinitrophenol	14.90	184	120534	78.129	ng	98
55) Dibenzofuran	15.18	168	642943	46.370	ng	99
56) 4-Nitrophenol	14.98	139	70916	32.183	ng	89
57) 2,4-Dinitrotoluene	15.14	165	172581	50.122	ng	87
58) Fluorene	15.82	166	507705	46.578	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	149931	49.676	ng	98
60) Diethylphthalate	15.58	149	536565	46.892	ng	97
61) 4-Chlorophenyl-phenylether	15.81	204	274057	47.117	ng	96
62) 4-Nitroaniline	15.86	138	112061	41.964	ng	94
63) Azobenzene	16.11	77	487358	46.986	ng	96
65) 4,6-Dinitro-2-methylphenol	15.90	198	92010	47.071	ng	96
66) n-Nitrosodiphenylamine	16.03	169	469116	49.015	ng	98
67) 4-Bromophenyl-phenylether	16.70	248	177674	48.014	ng	97
68) Hexachlorobenzene	16.82	284	186686	48.669	ng	97
69) Atrazine	16.97	200	183258	48.652	ng	97
70) Pentachlorophenol	17.17	266	216720	89.461	ng	98
71) Phenanthrene	17.57	178	841038	46.186	ng	98
72) Anthracene	17.66	178	856351	48.258	ng	99
73) Carbazole	17.93	167	742878	46.437	ng	99
74) Di-n-butylphthalate	18.46	149	905943	48.132	ng	99
75) Fluoranthene	19.57	202	981537	45.609	ng	99
77) Benzidine	19.75	184	159747	15.754	ng	100
78) Pyrene	19.93	202	984653	47.420	ng	98
80) Butylbenzylphthalate	20.80	149	414968	51.583	ng	95
81) Benzo(a)anthracene	21.79	228	922163	46.046	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	149912	20.503	ng	98
83) Chrysene	21.87	228	898235	46.264	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	574647	50.833	ng	100
85) Di-n-octyl phthalate	22.91	149	981731	52.449	ng	96
86) Indeno(1,2,3-cd)pyrene	29.06	276	1084571	49.241	ng	# 94
88) Benzo(b)fluoranthene	24.11	252	952795	47.626	ng	97
89) Benzo(k)fluoranthene	24.18	252	899562	48.306	ng	99
90) Benzo(a)pyrene	25.03	252	915240	49.509	ng	98
91) Dibenzo(a,h)anthracene	29.14	278	881194	48.622	ng	99
92) Benzo(g,h,i)perylene	30.29	276	880130	48.355	ng	97

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

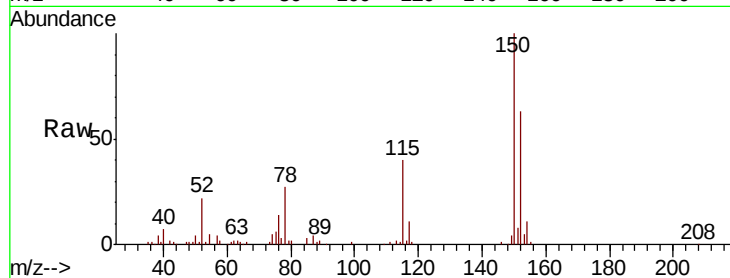


#1

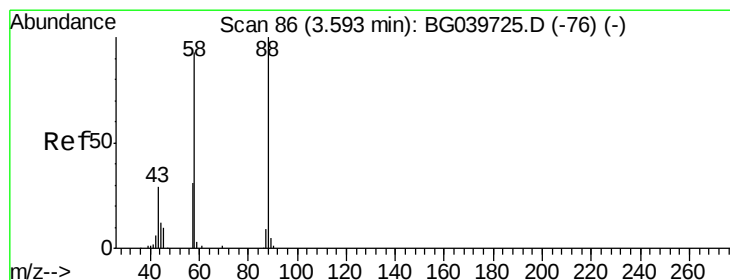
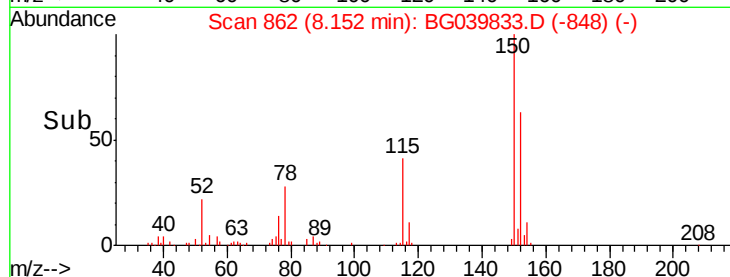
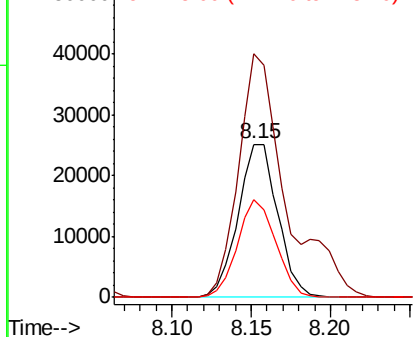
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43494
Ion Ratio Lower Upper
152 100
150 159.3 123.7 185.5
115 64.3 45.9 68.9



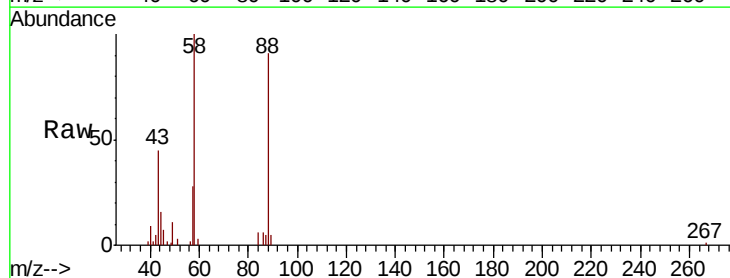
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



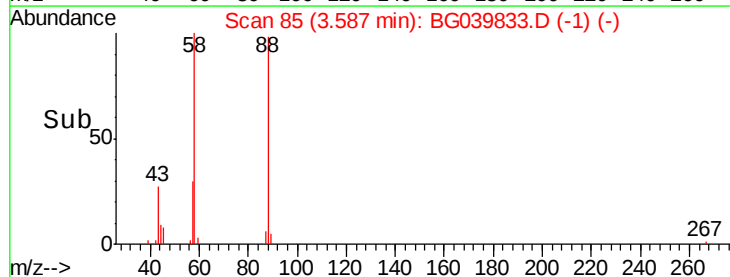
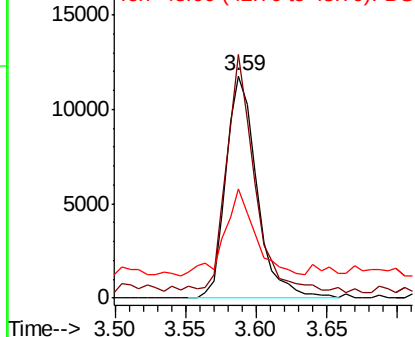
#2

1,4-Dioxane
Concen: 15.239 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion: 88 Resp: 17937
Ion Ratio Lower Upper
88 100
58 99.7 81.1 121.7
43 38.6 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: 12.626 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampleId :

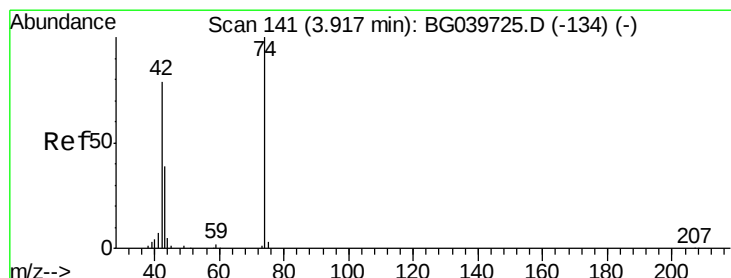
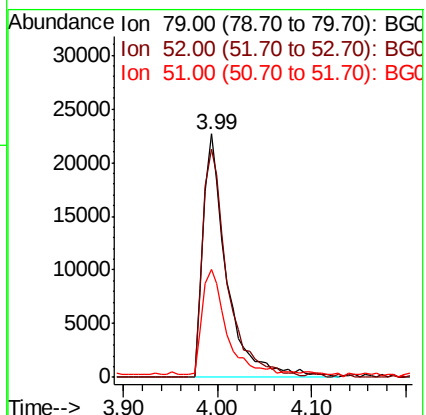
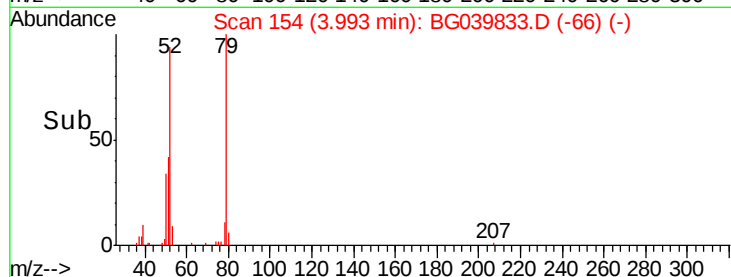
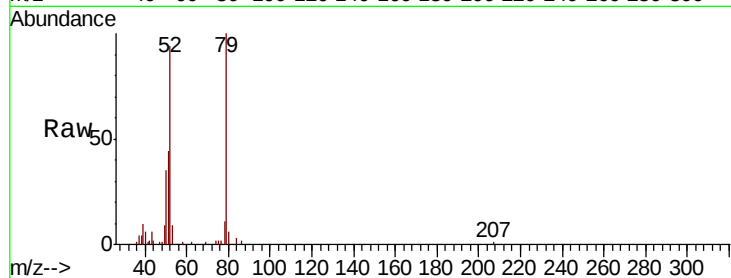
Tot Ion: 79 Resp: 39785

Ion Ratio Lower Upper

79 100

52 93.8 82.6 124.0

51 44.4 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 17.540 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

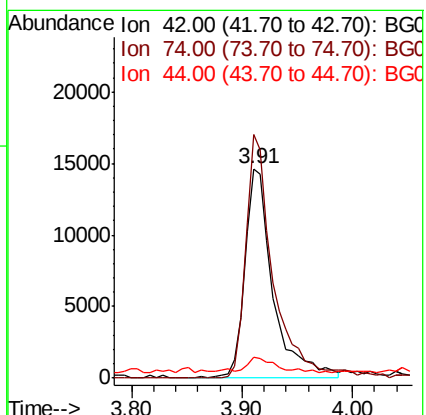
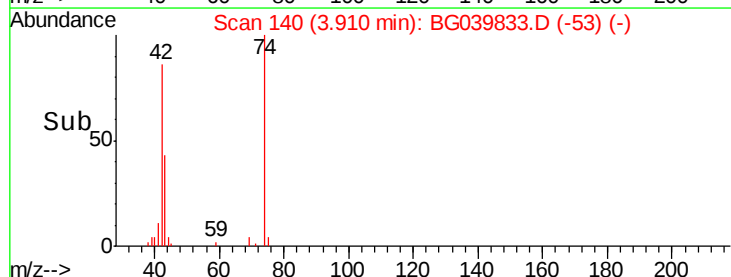
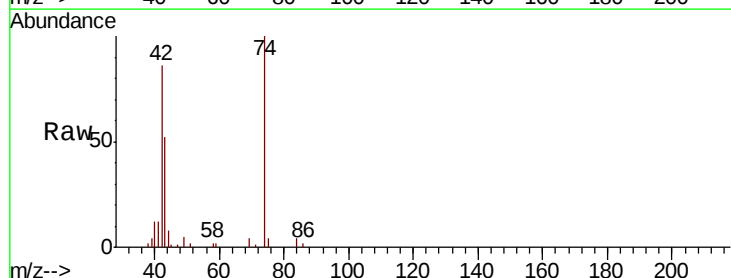
Tgt Ion: 42 Resp: 26219

Ion Ratio Lower Upper

42 100

74 116.2 83.6 125.4

44 9.7 6.9 10.3





#5

2-Fluorophenol

Concen: 69.595 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampled :

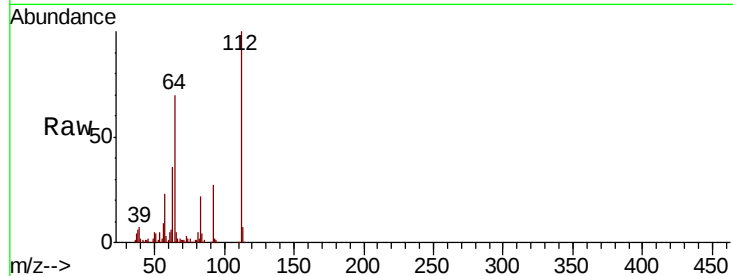
Tot Ion:112 Resp: 177429

Ion Ratio Lower Upper

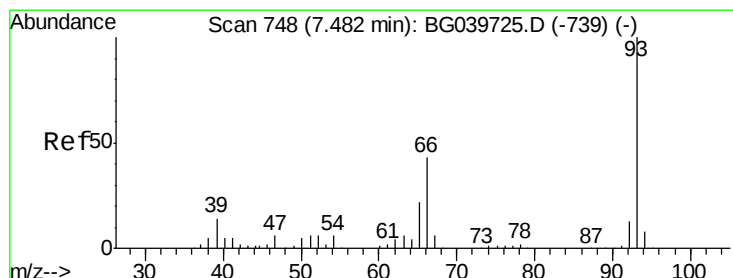
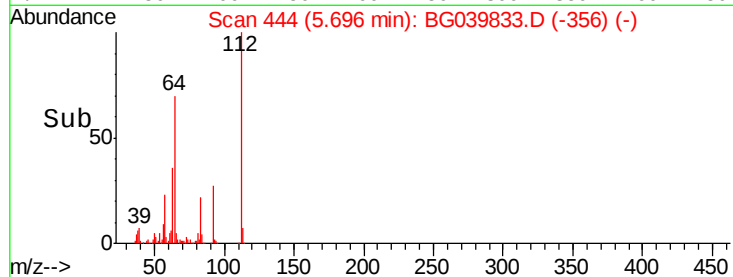
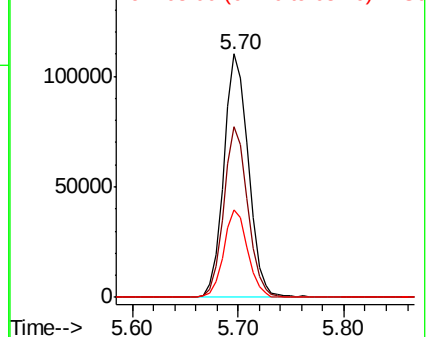
112 100

64 70.0 57.8 86.8

63 36.1 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: 9.936 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

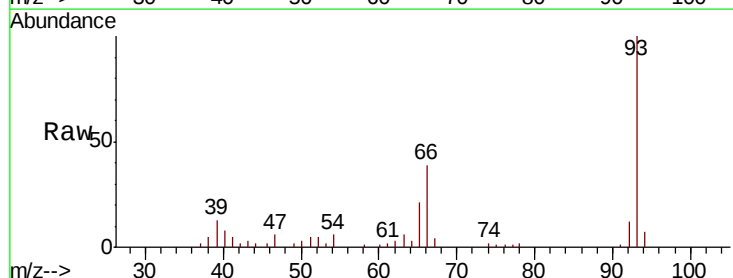
Tgt Ion: 93 Resp: 49487

Ion Ratio Lower Upper

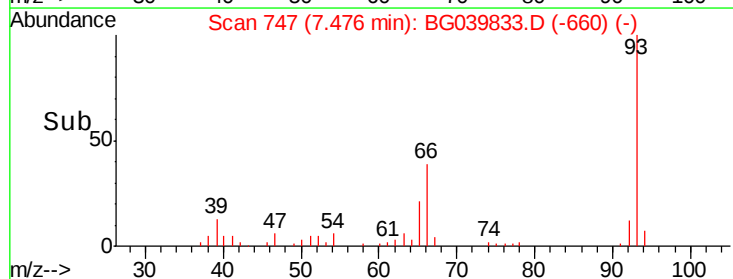
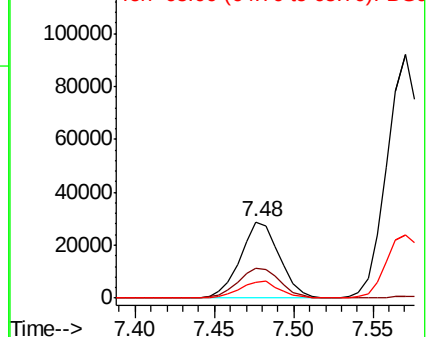
93 100

66 39.0 34.2 51.4

65 20.5 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: 43.910 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampled :

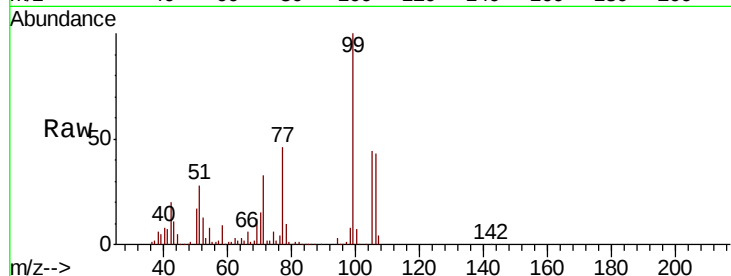
Tot Ion: 99 Resp: 166919

Ion Ratio Lower Upper

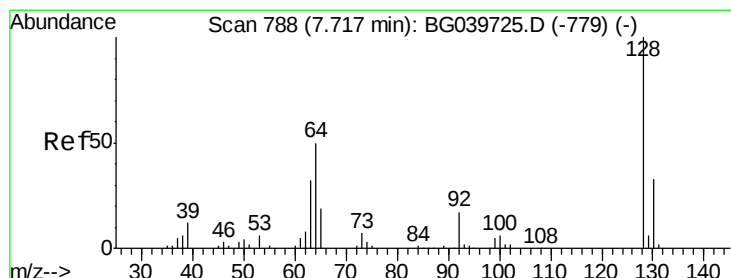
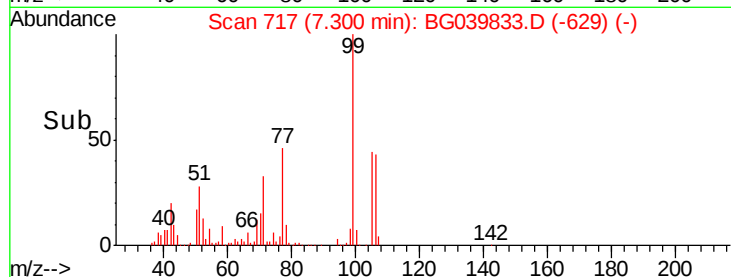
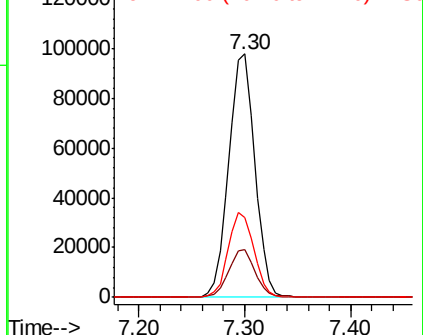
99 100

42 19.6 18.2 27.2

71 32.9 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: 38.157 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

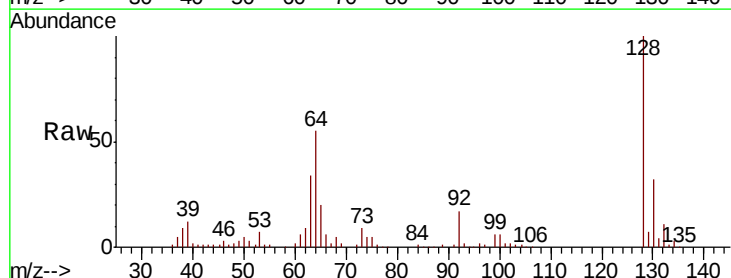
Tgt Ion: 128 Resp: 118020

Ion Ratio Lower Upper

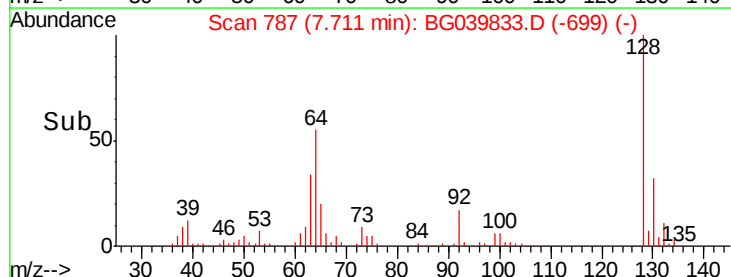
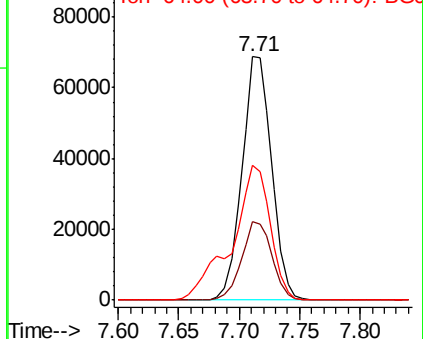
128 100

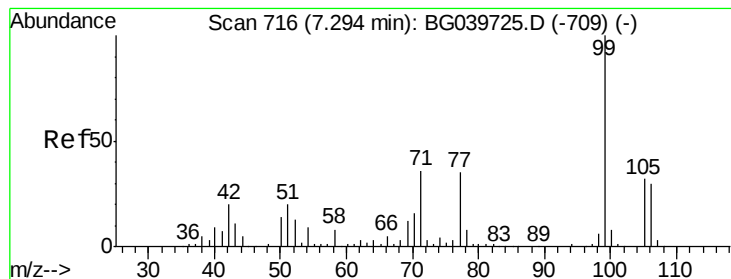
130 32.4 12.9 52.9

64 55.5 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: 35.023 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampled :

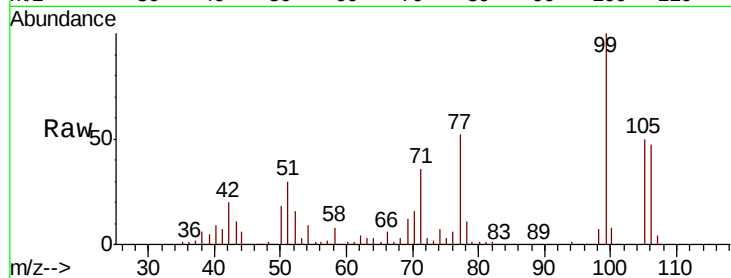
Tot Ion: 77 Resp: 85880

Ion Ratio Lower Upper

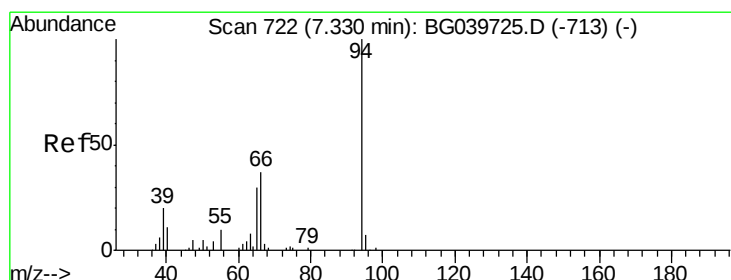
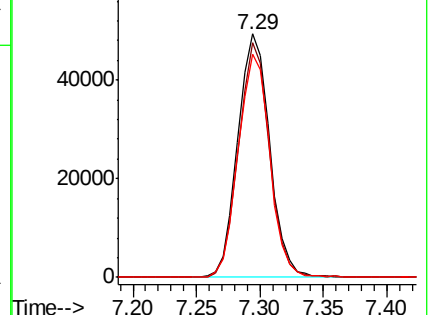
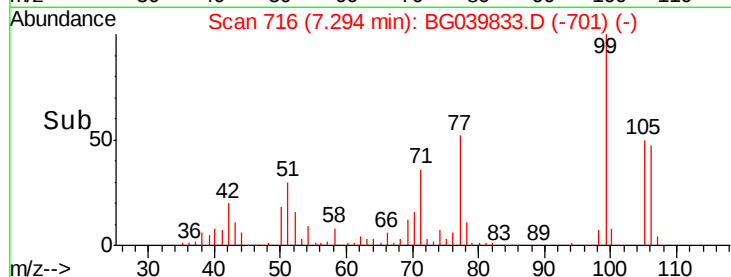
77 100

105 96.6 74.5 114.5

106 91.7 68.0 108.0



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



#10

Phenol

Concen: 14.867 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

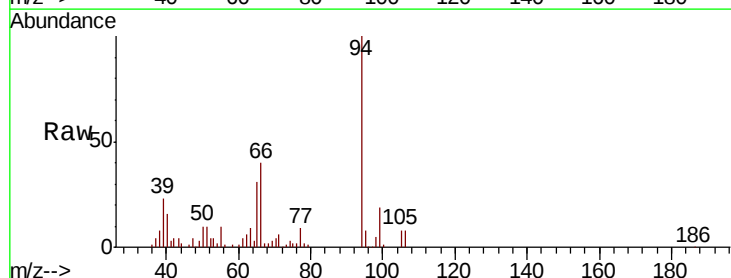
Tgt Ion: 94 Resp: 61223

Ion Ratio Lower Upper

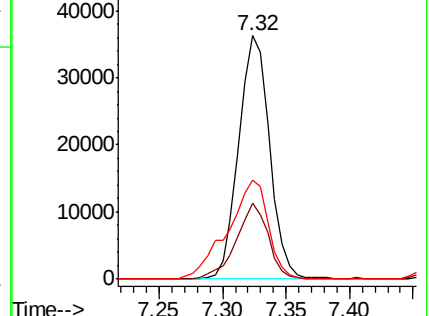
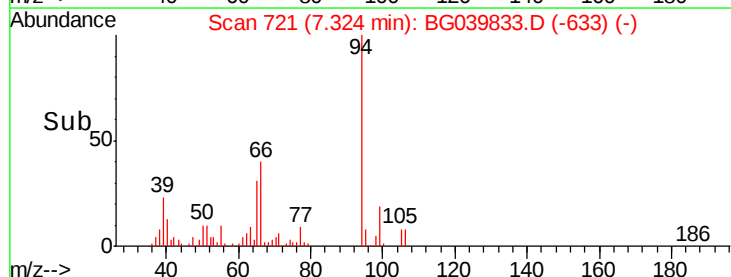
94 100

65 31.1 11.7 51.7

66 40.5 23.7 63.7



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

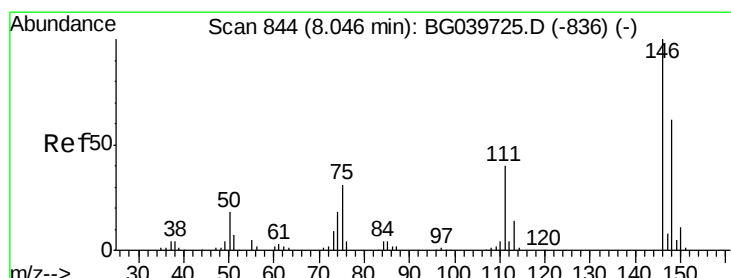
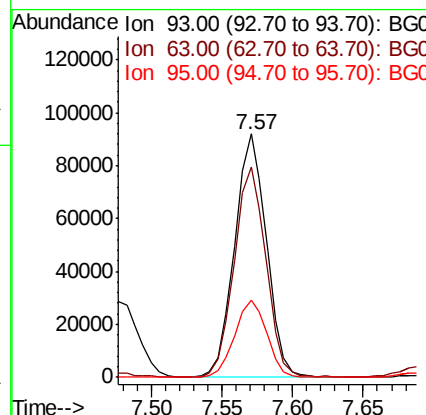
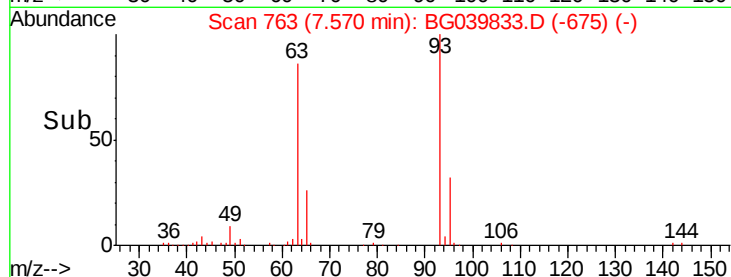
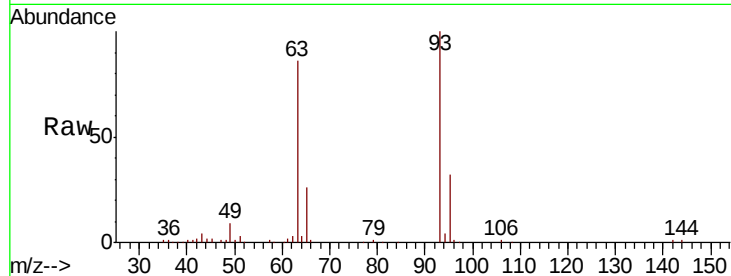




#11
bis(2-Chloroethyl)ether
Concen: 45.092 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

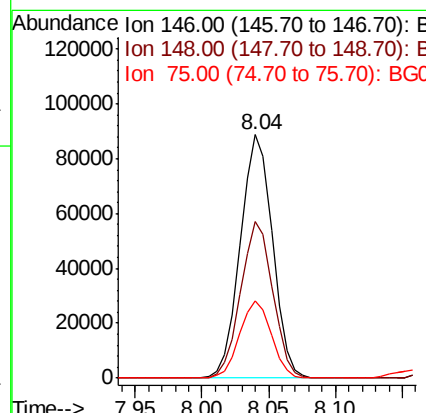
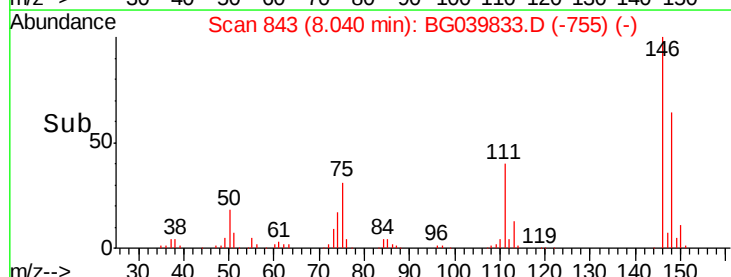
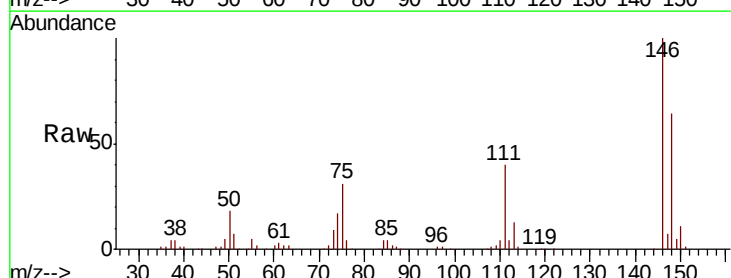
Instrument :
BNA_G
ClientSampleId :

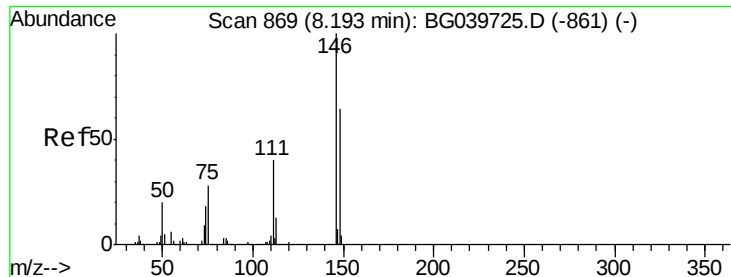
Tot Ion: 93 Resp: 144780
Ion Ratio Lower Upper
93 100
63 86.4 69.5 109.5
95 31.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.302 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion: 146 Resp: 147974
Ion Ratio Lower Upper
146 100
148 64.2 52.6 79.0
75 31.5 25.8 38.6

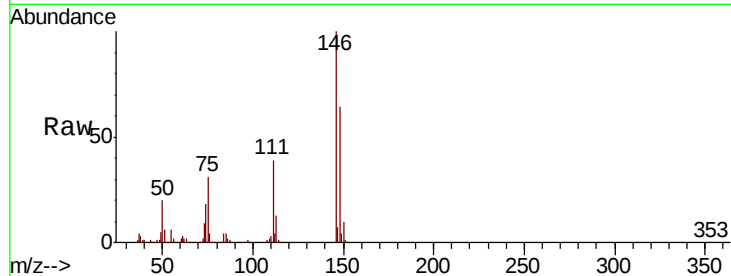




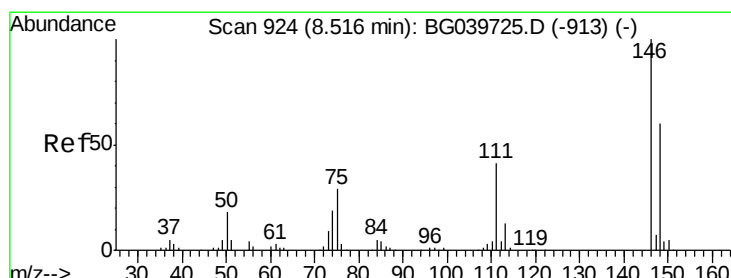
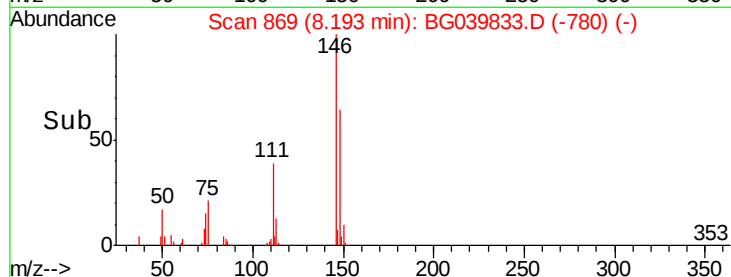
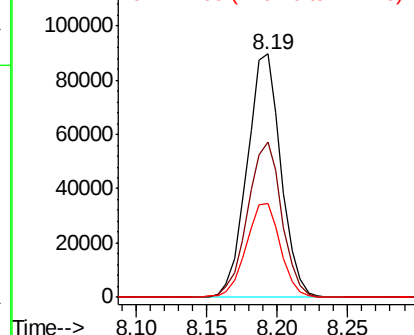
#13
 1,4-Dichlorobenzene
 Concen: 42.261 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 150582
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 38.7 32.6 48.8

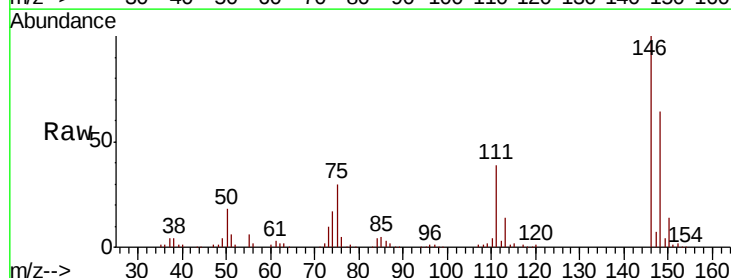


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

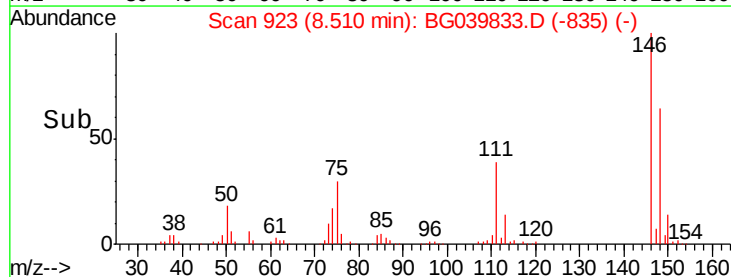
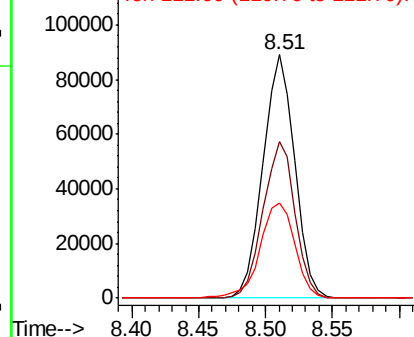


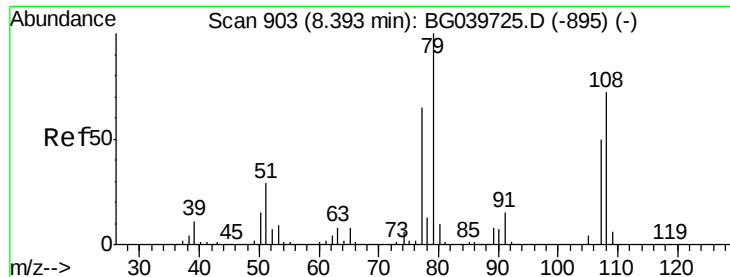
#14
 1,2-Dichlorobenzene
 Concen: 42.438 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Tgt Ion:146 Resp: 146099
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 38.9 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: 28.449 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampleId :

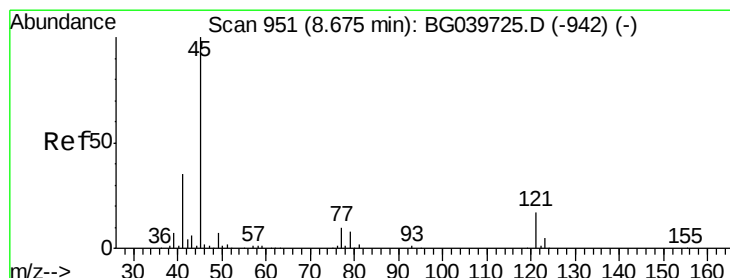
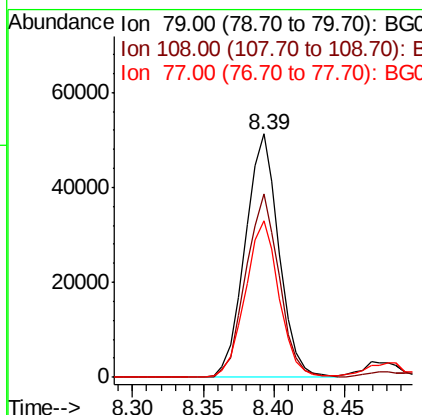
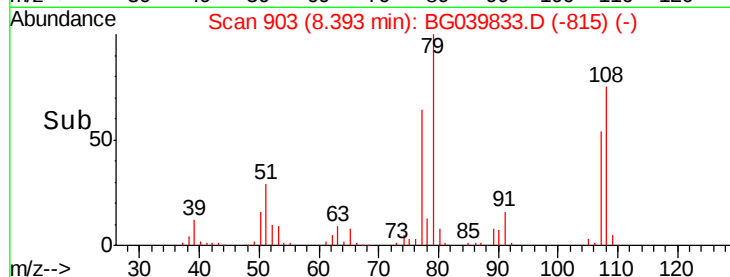
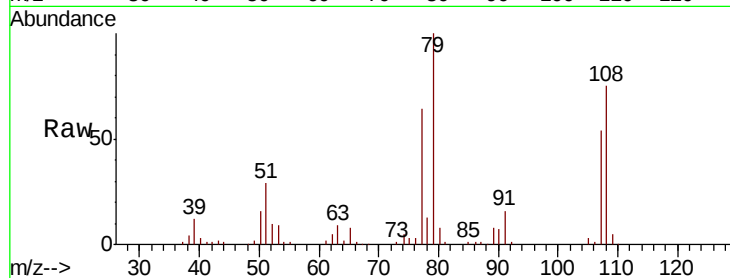
Tot Ion: 79 Resp: 85787

Ion Ratio Lower Upper

79 100

108 75.2 57.8 86.6

77 64.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.162 ng

RT: 8.67 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

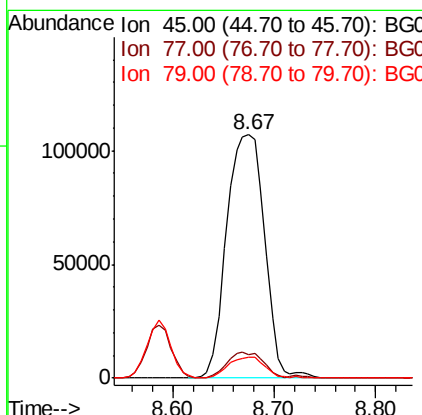
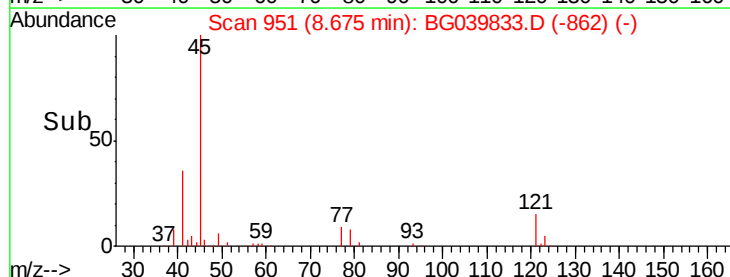
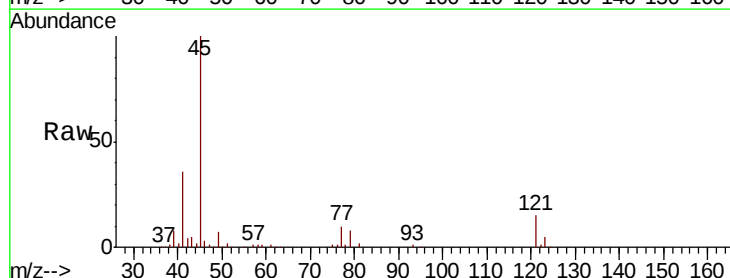
Tgt Ion: 45 Resp: 277169

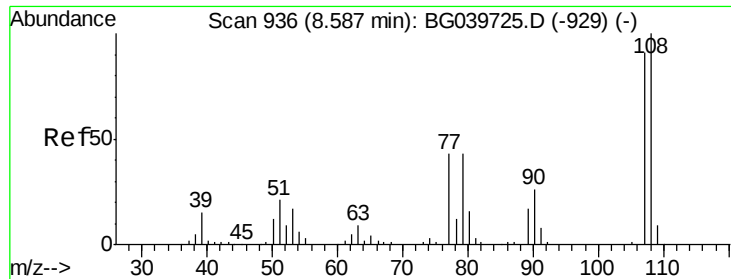
Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.0

79 8.4 0.0 27.5

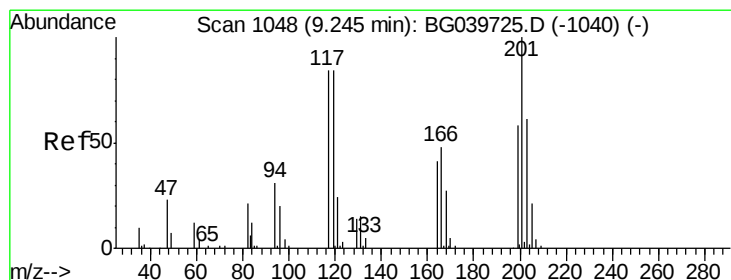
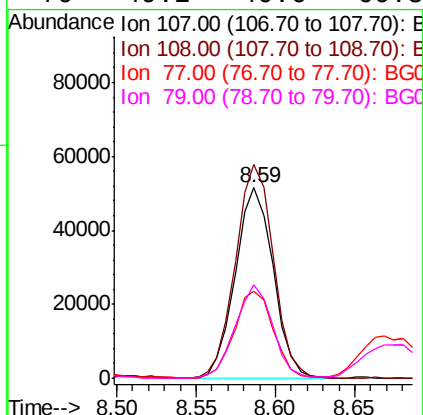
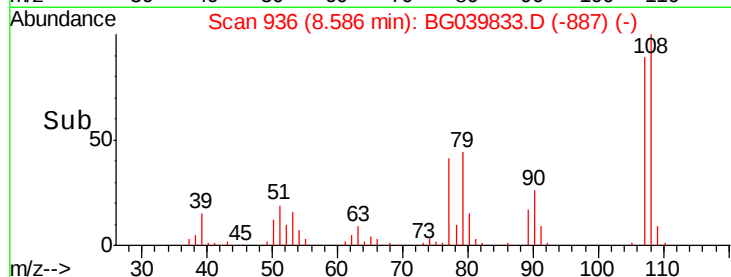
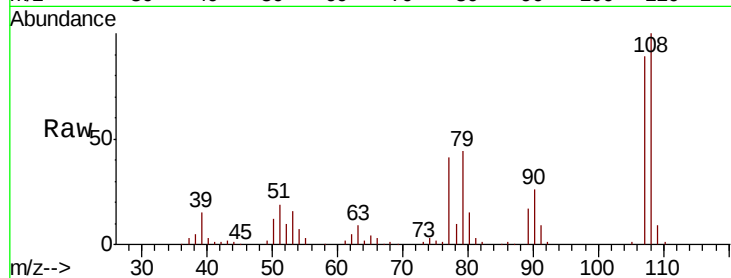




#17
2-Methylphenol
Concen: 32.745 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

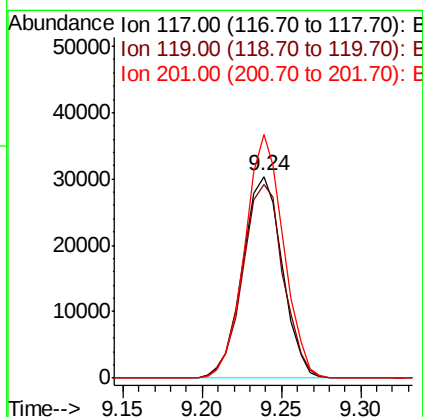
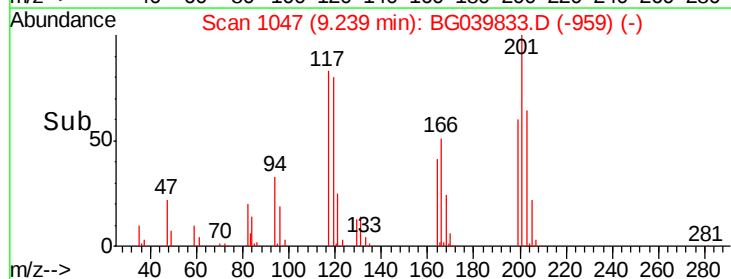
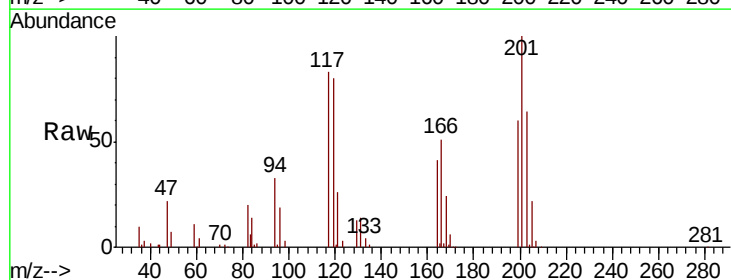
Instrument :
BNA_G
ClientSampleId :

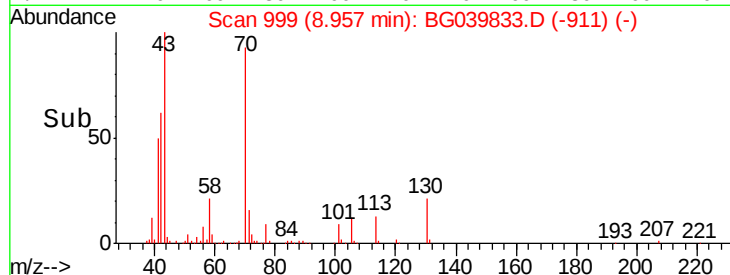
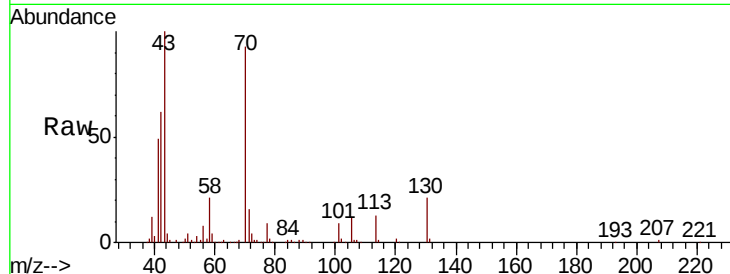
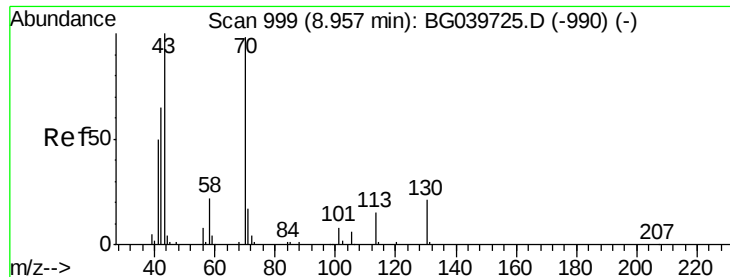
Tot Ion:	107	Resp:	85984
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.8	136.2
77	45.7	40.7	61.1
79	49.2	40.6	60.8



#18
Hexachloroethane
Concen: 41.446 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion:	117	Resp:	52988
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.3	114.5
201	120.6	91.1	136.7

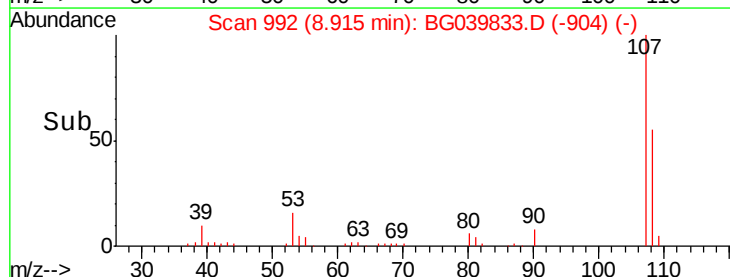
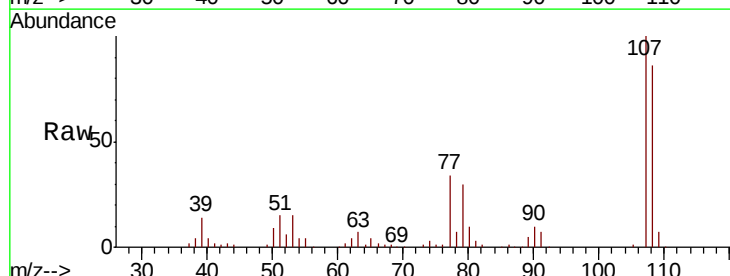
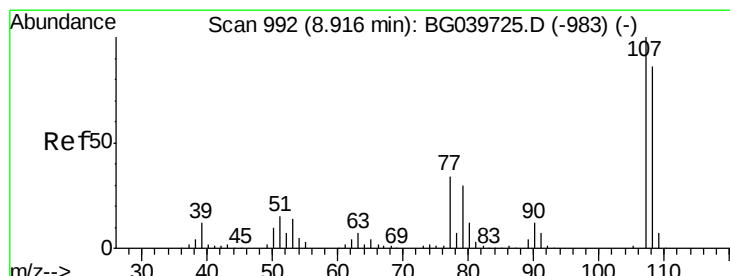
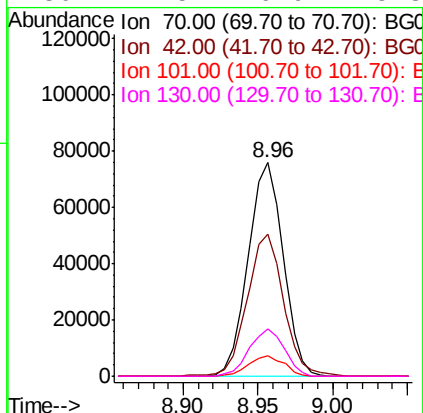




#19
n-Nitroso-di-n-propylamine
Concen: 44.848 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

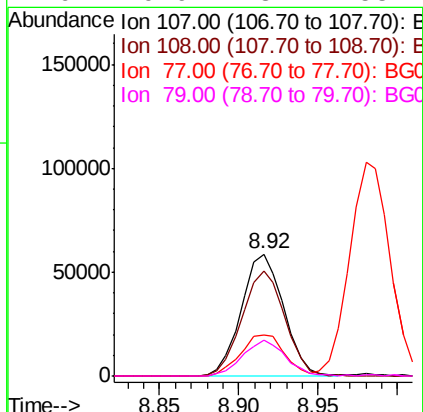
Instrument :
BNA_G
ClientSampled :

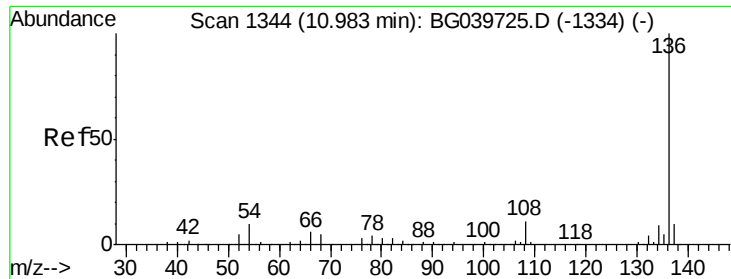
Tot Ion:	70	Resp:	122710
Ion	Ratio	Lower	Upper
70	100		
42	66.4	60.4	90.6
101	9.9	7.5	11.3
130	22.5	16.9	25.3



#20
3+4-Methylphenols
Concen: 29.663 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion:	107	Resp:	108209
Ion	Ratio	Lower	Upper
107	100		
108	86.4	67.9	107.9
77	33.5	15.4	55.4
79	29.9	13.7	53.7

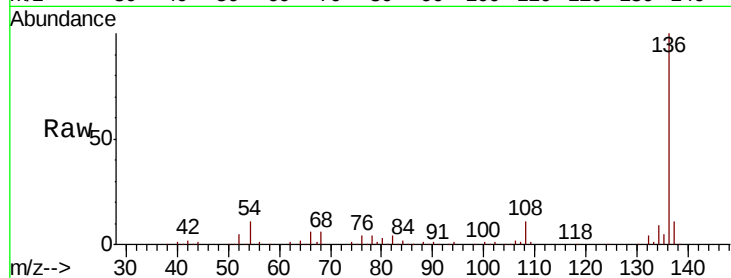




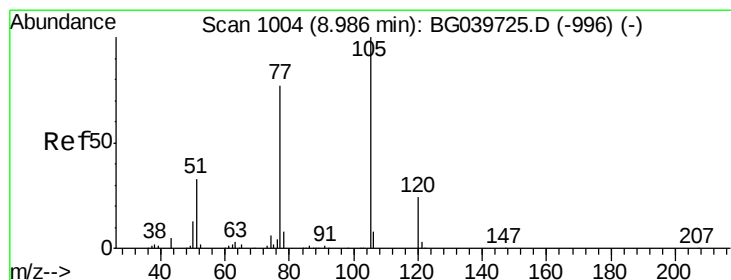
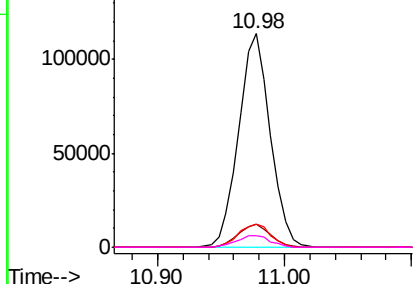
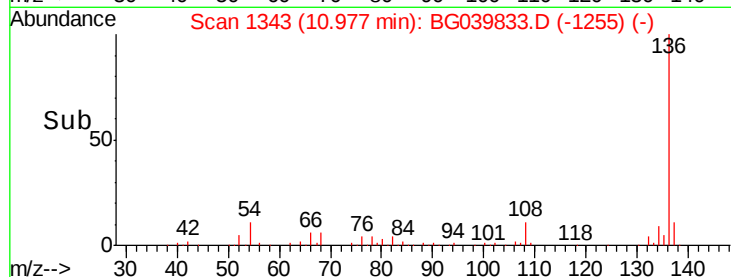
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	195639
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.1 13.7
54	10.5	9.4 14.2
68	5.6	4.2 6.4

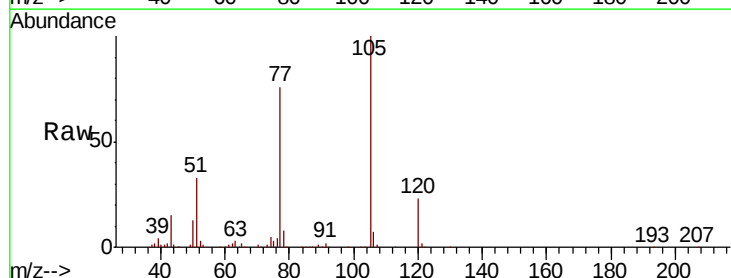


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

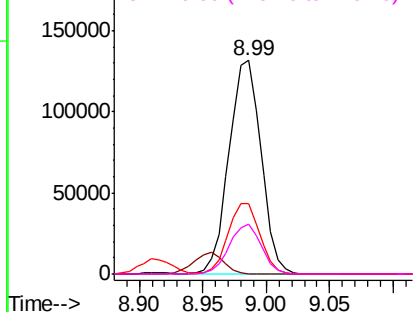
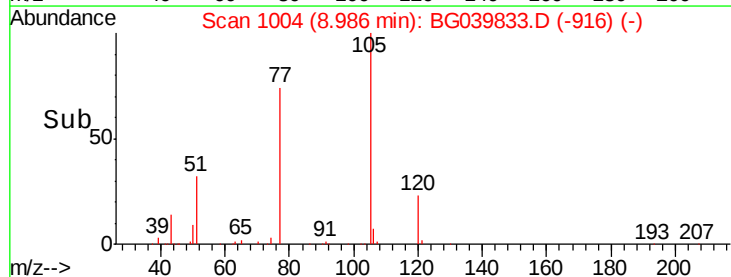


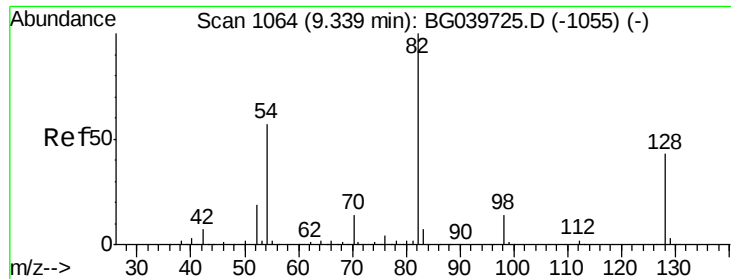
#22
Acetophenone
Concen: 43.830 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion:105	Resp:	230149
Ion	Ratio	Lower Upper
105	100	
71	0.2	0.8 1.2#
51	33.1	30.2 45.2
120	23.3	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

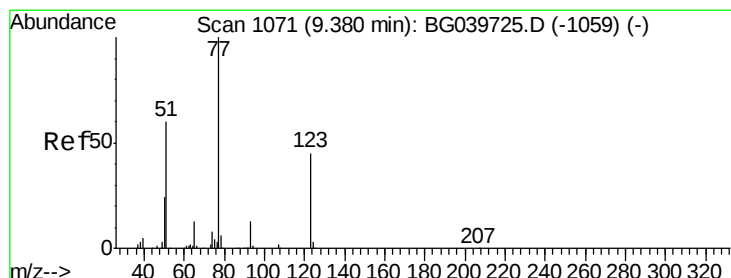
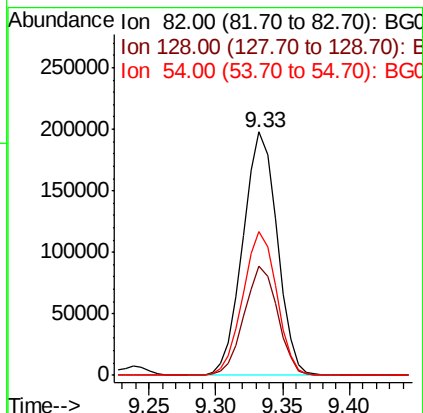
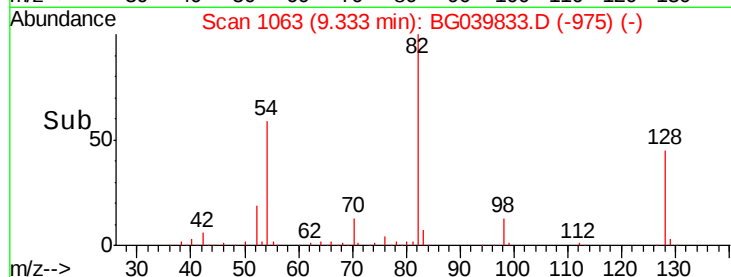
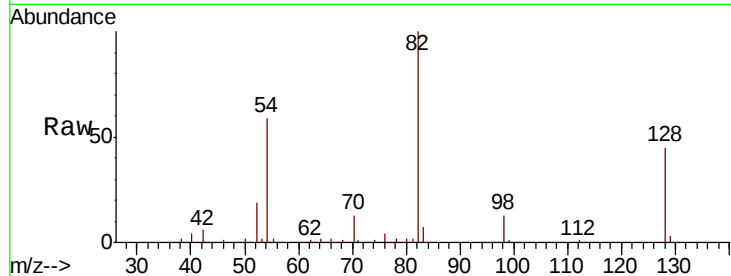




#23
 Nitrobenzene-d5
 Concen: 97.144 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

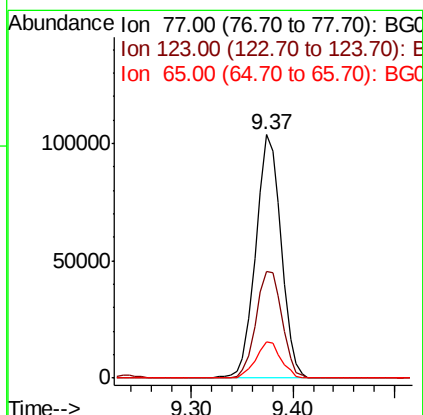
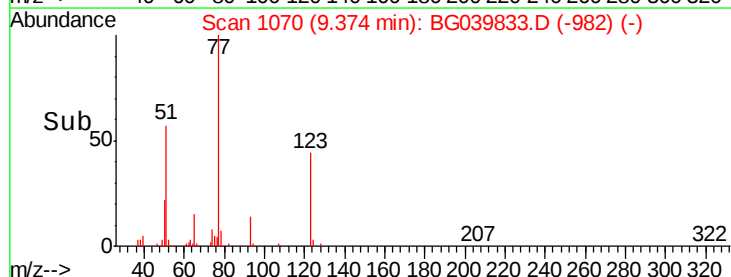
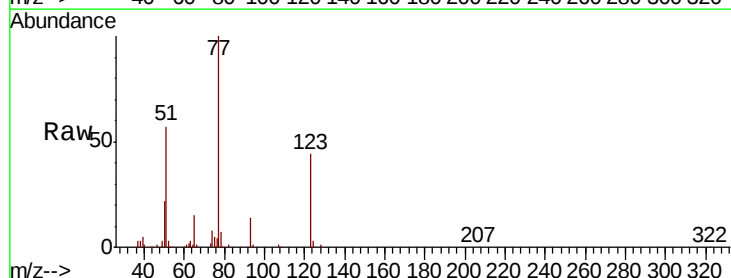
Instrument :
 BNA_G
 ClientSampled :

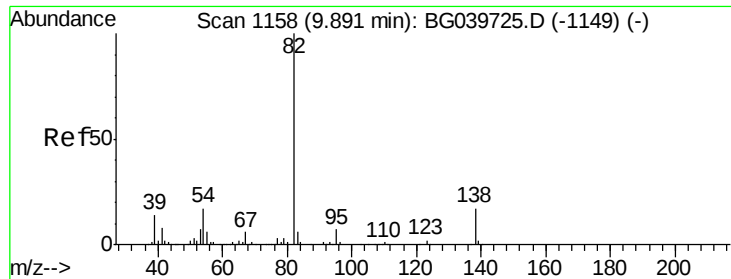
Tot Ion: 82 Resp: 351401
 Ion Ratio Lower Upper
 82 100
 128 44.6 31.3 46.9
 54 59.0 50.9 76.3



#24
 Nitrobenzene
 Concen: 47.420 ng
 RT: 9.37 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Tgt Ion: 77 Resp: 179952
 Ion Ratio Lower Upper
 77 100
 123 43.9 34.1 51.1
 65 15.1 12.3 18.5





#25

Isophorone

Concen: 46.457 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampleId :

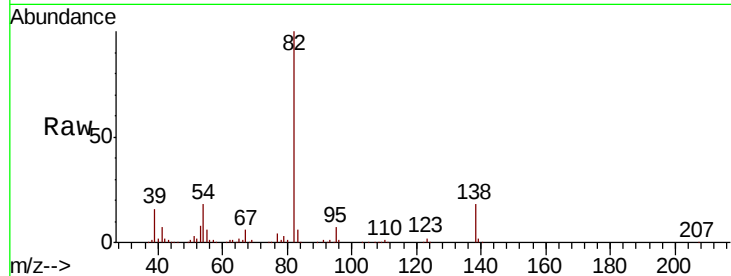
Tot Ion: 82 Resp: 352119

Ion Ratio Lower Upper

82 100

95 7.5 6.2 9.2

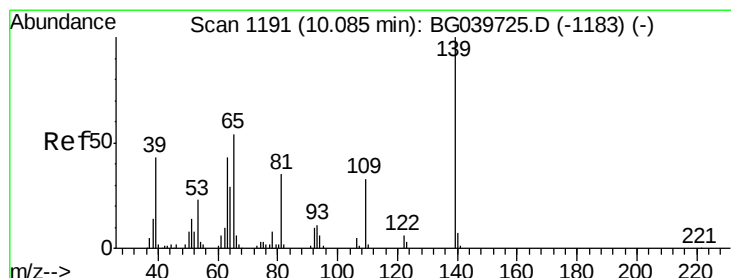
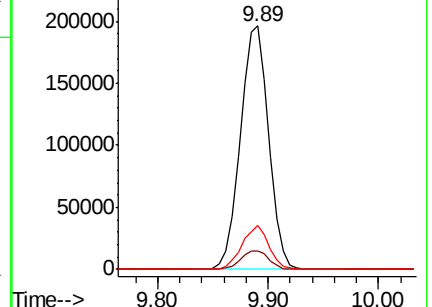
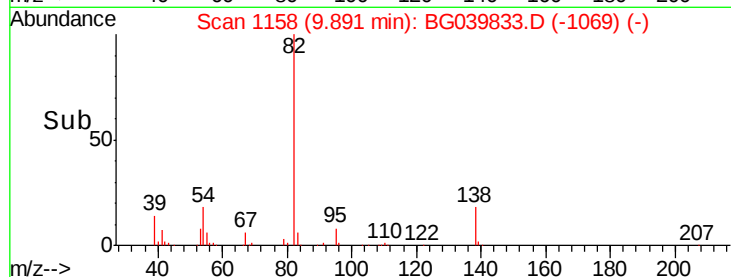
138 17.8 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG039833.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BG039833.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BG039833.D (-1069) (-)



#26

2-Nitrophenol

Concen: 45.570 ng

RT: 10.08 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

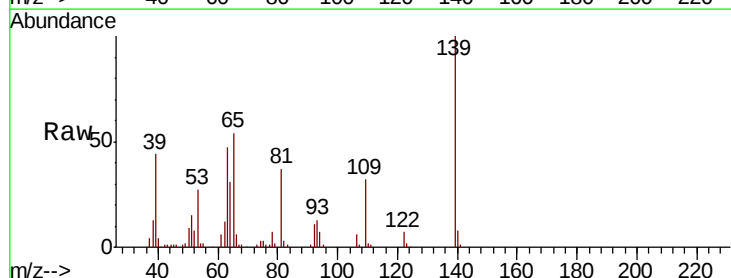
Tgt Ion: 139 Resp: 83495

Ion Ratio Lower Upper

139 100

109 32.4 23.4 35.0

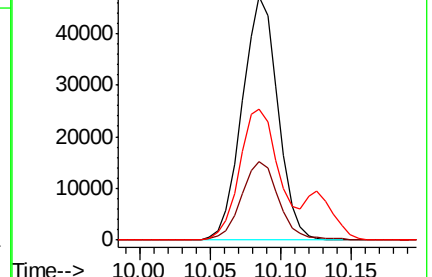
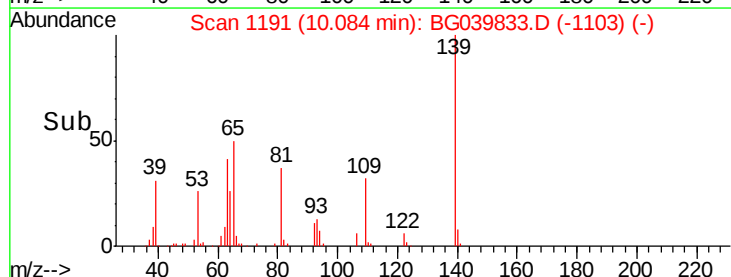
65 53.9 44.3 66.5



Abundance Ion 139.00 (138.70 to 139.70): BG039833.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BG039833.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BG039833.D (-1103) (-)

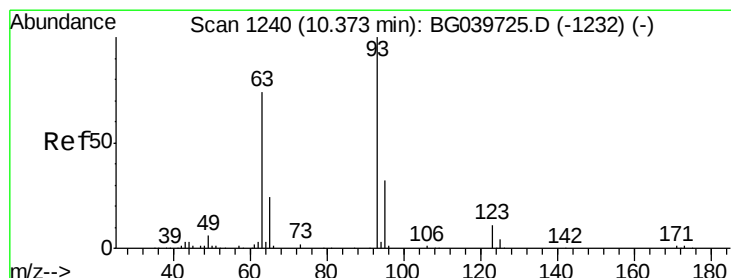
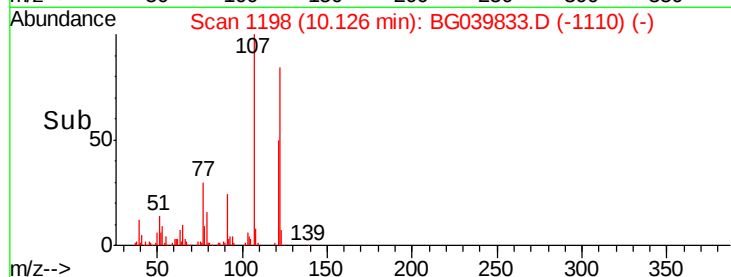
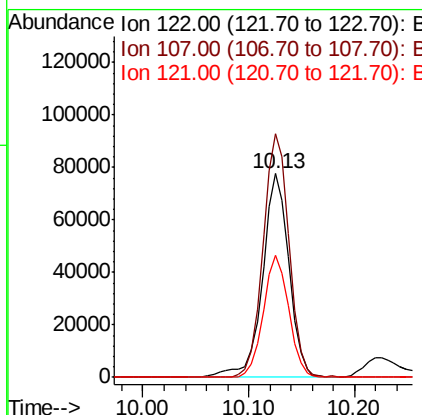
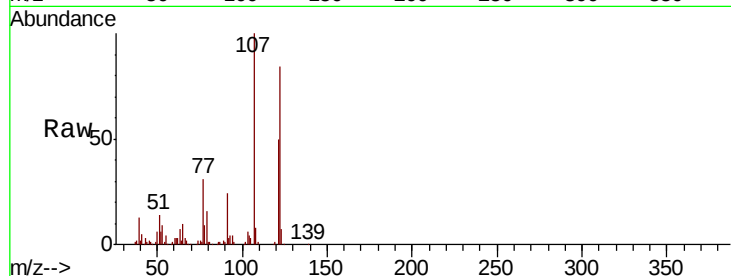




#27
2,4-Dimethylphenol
Concen: 47.370 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

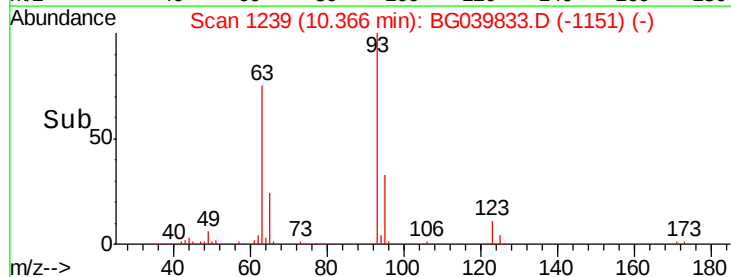
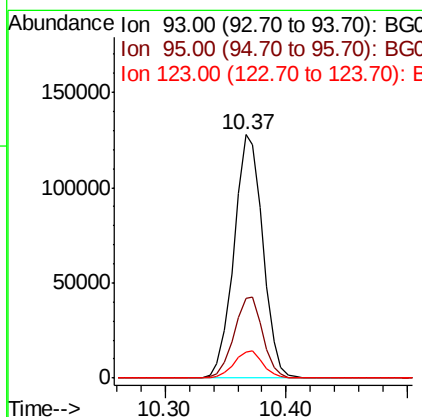
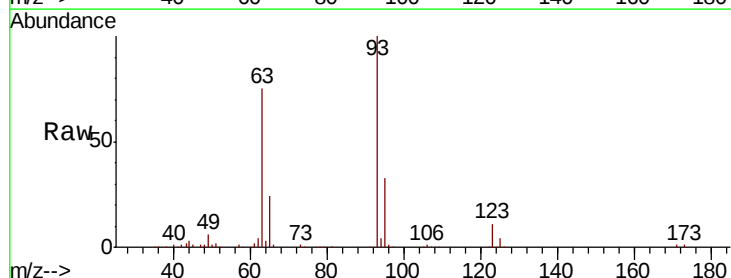
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.7	91.7	137.5
121	60.3	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.210 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.0	37.4
123	10.8	8.6	12.8

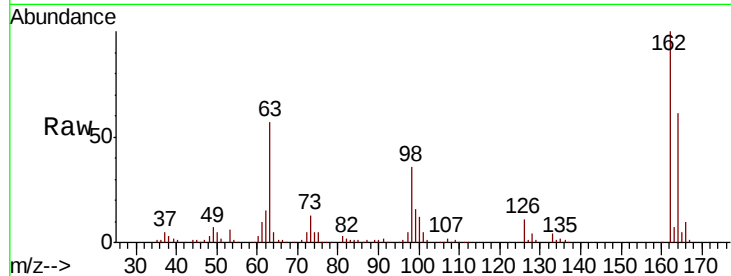




#29
 2,4-Dichlorophenol
 Concen: 49.159 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	157718
Ion Ratio	Lower	Upper	
162	100		
164	60.8	48.1	88.1
98	35.5	18.1	58.1

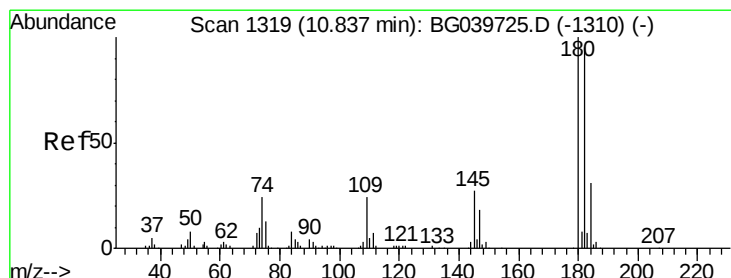
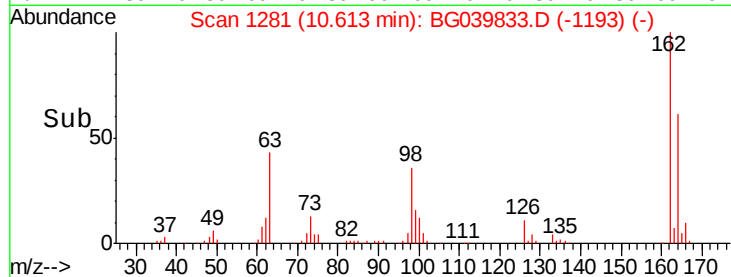
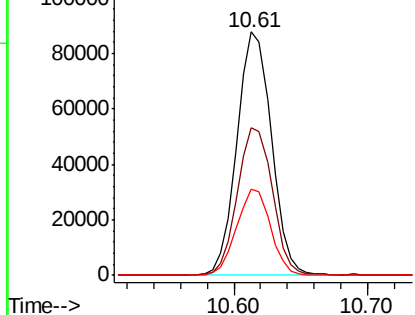


Abundance

Ion 162.00 (161.70 to 162.70): E

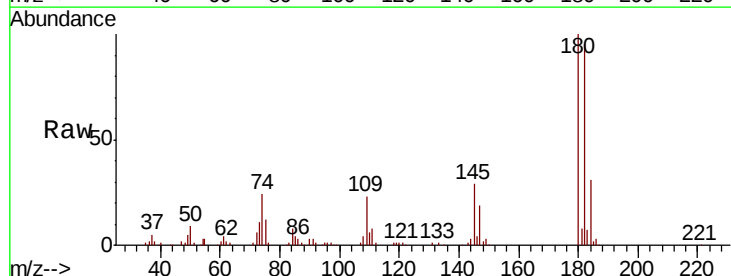
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 46.537 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Tgt Ion	180	Resp	168010
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.0	114.0
145	28.7	22.7	34.1

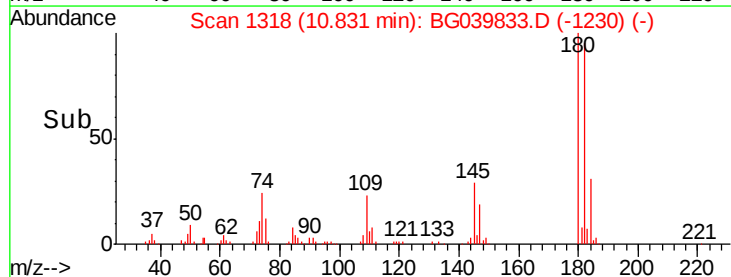
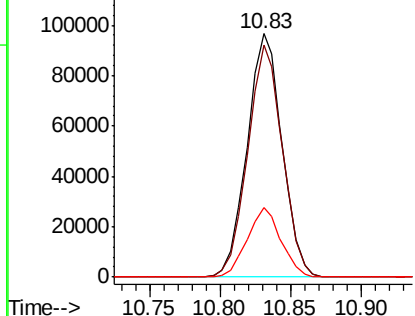


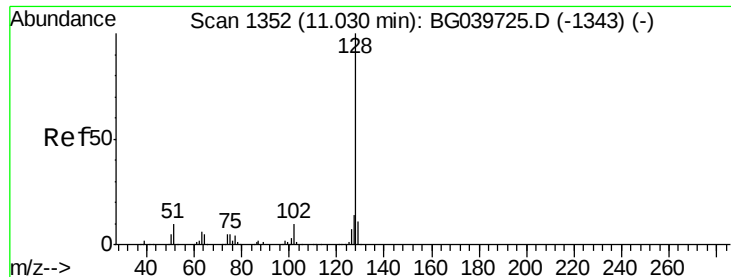
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

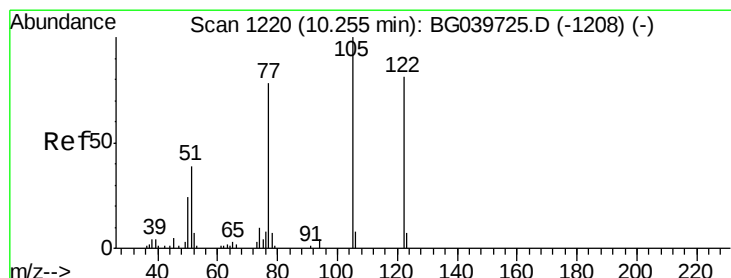
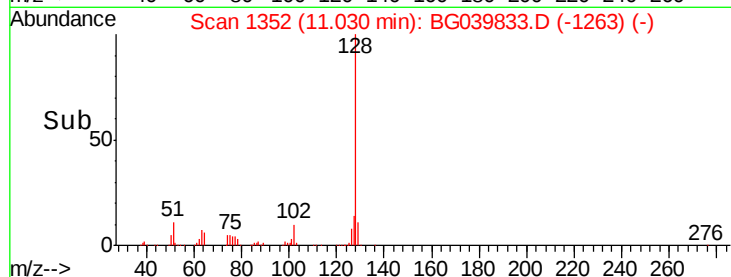
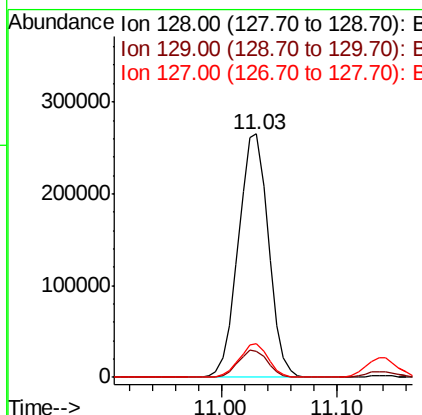
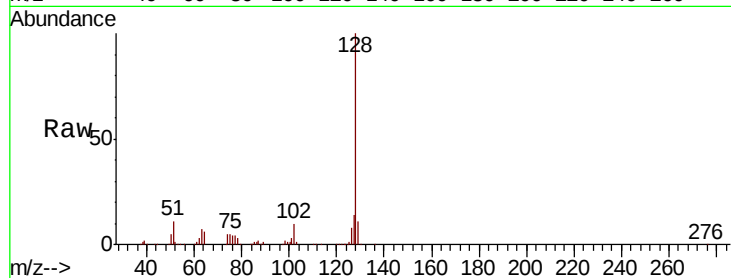




#31
Naphthalene
Concen: 46.278 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

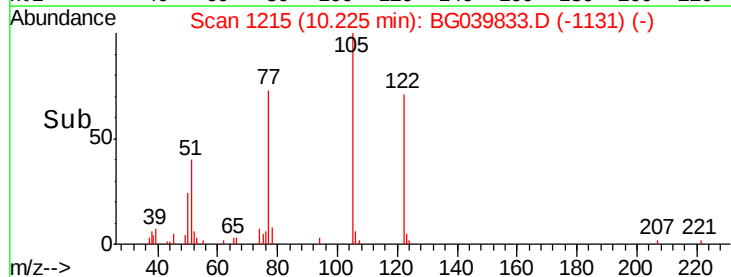
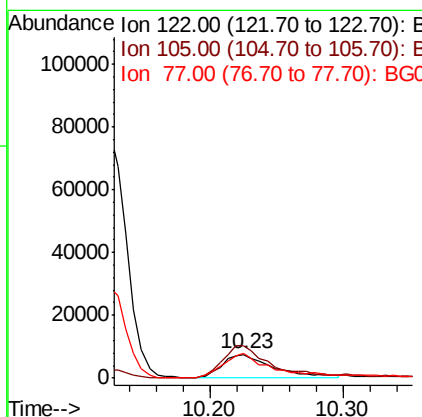
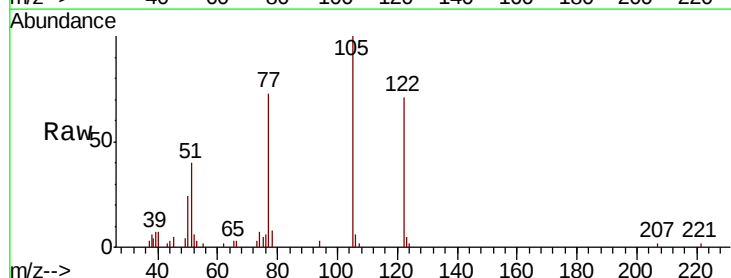
Instrument :
BNA_G
ClientSampleId :

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



#32
Benzoic acid
Concen: 14.973 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.04 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.9	101.8	141.8
77	102.7	76.3	116.3

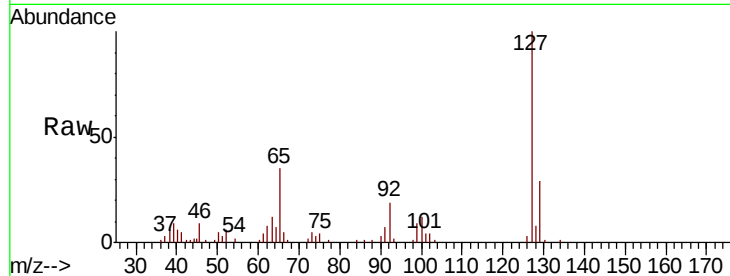




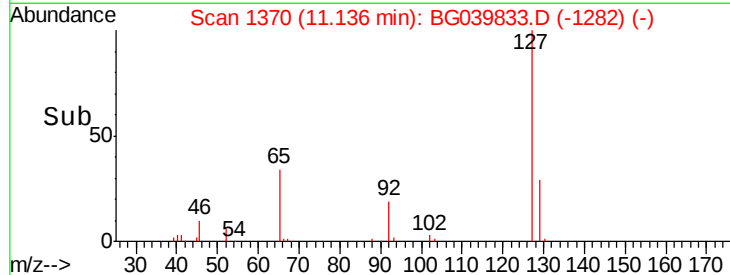
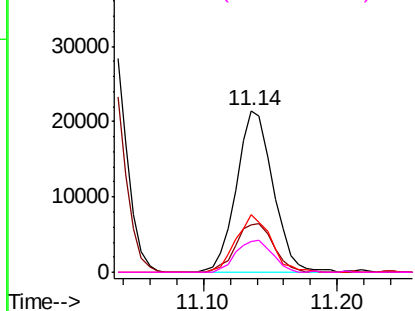
#33
4-Chloroaniline
Concen: 9.288 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	40798
Ion	Ratio	Lower	Upper
127	100		
129	29.0	27.0	40.4
65	35.3	28.8	43.2
92	18.8	16.6	25.0

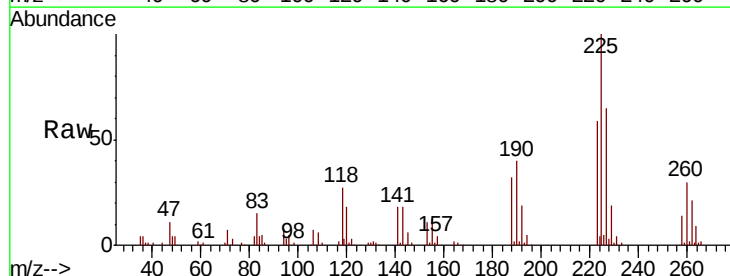


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

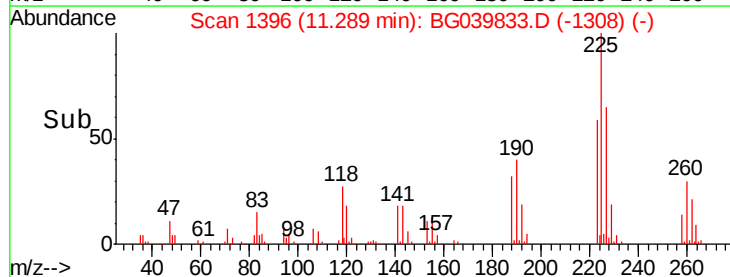
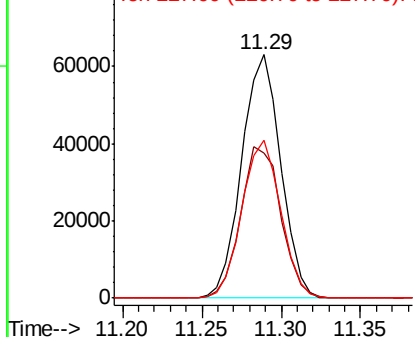


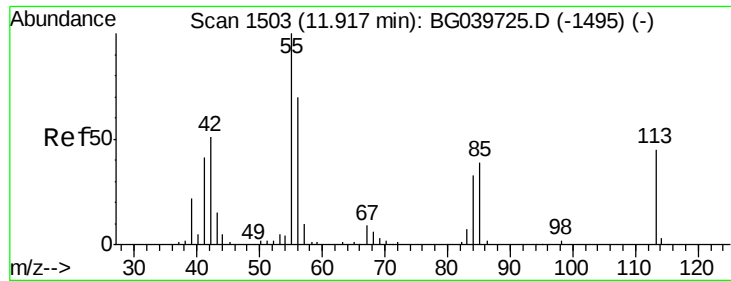
#34
Hexachlorobutadiene
Concen: 43.722 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion:	225	Resp:	107863
Ion	Ratio	Lower	Upper
225	100		
223	59.5	49.0	73.6
227	65.0	46.3	69.5



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

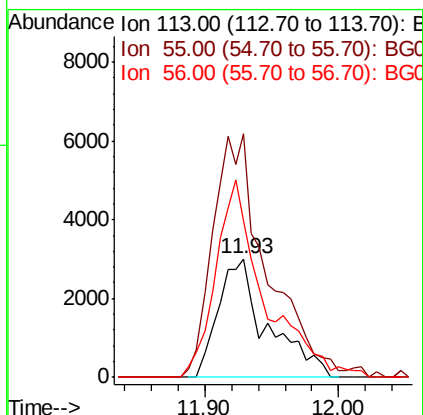
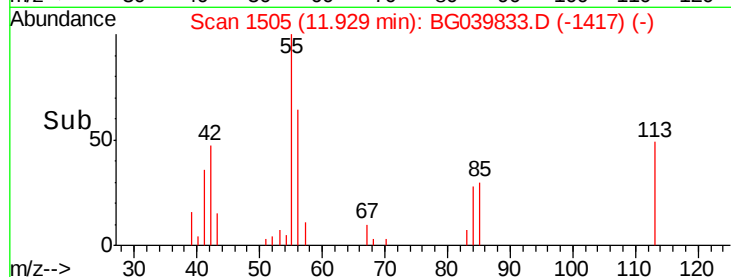
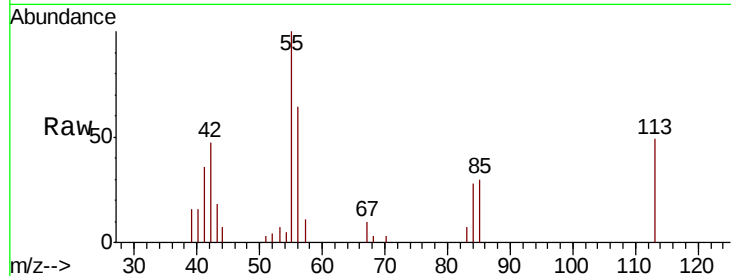




#35
 Caprolactam
 Concen: 6.284 ng
 RT: 11.93 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

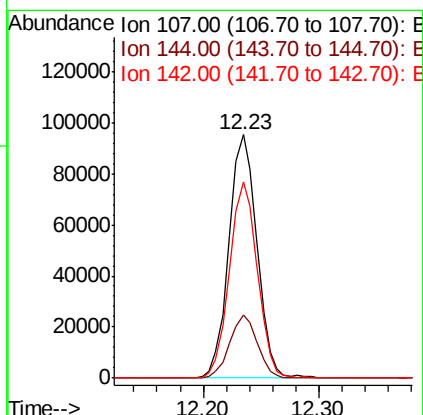
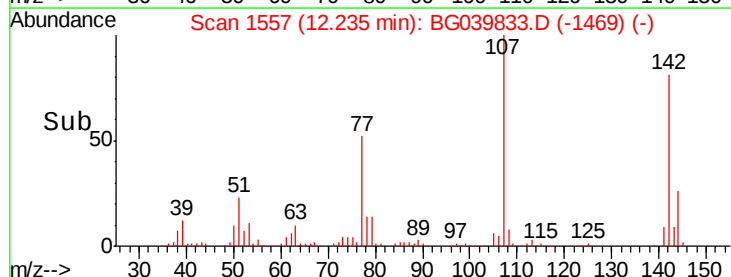
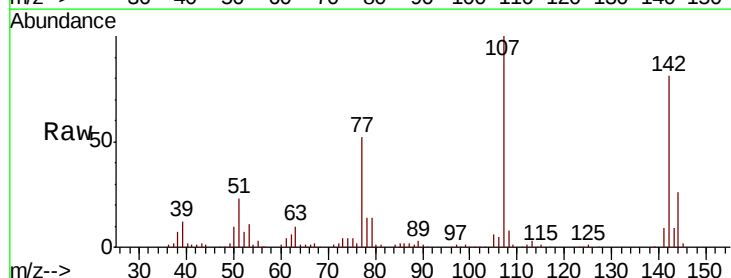
Instrument :
 BNA_G
 ClientSampled :

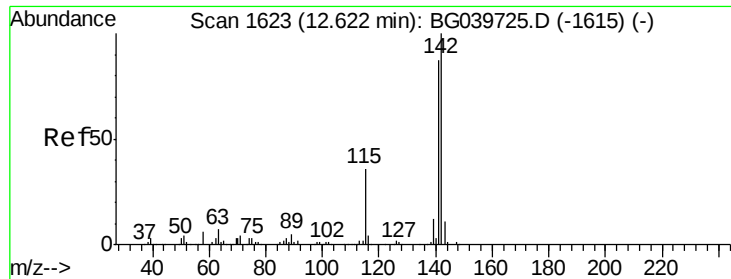
Tot Ion:113 Resp: 7701
 Ion Ratio Lower Upper
 113 100
 55 205.9 216.9 256.9#
 56 132.3 152.6 192.6#



#36
 4-Chloro-3-methylphenol
 Concen: 43.776 ng
 RT: 12.23 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Tgt Ion:107 Resp: 160998
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.2 30.2
 142 80.6 61.4 92.2

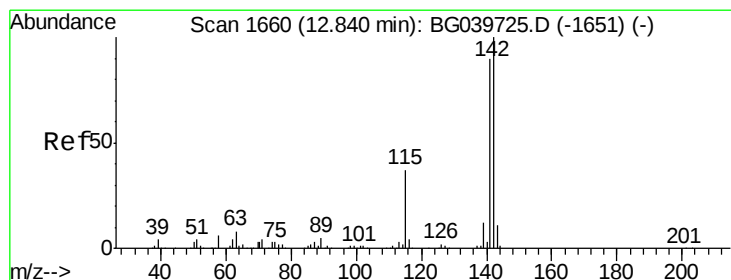
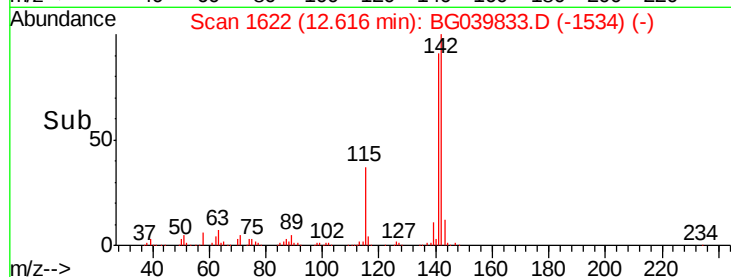
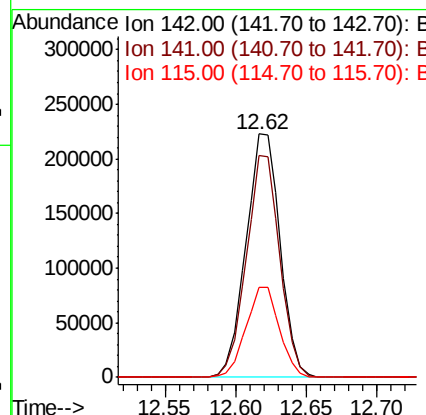
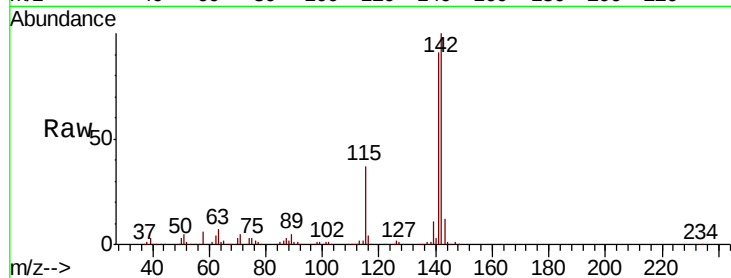




#37
 2-Methylnaphthalene
 Concen: 48.768 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

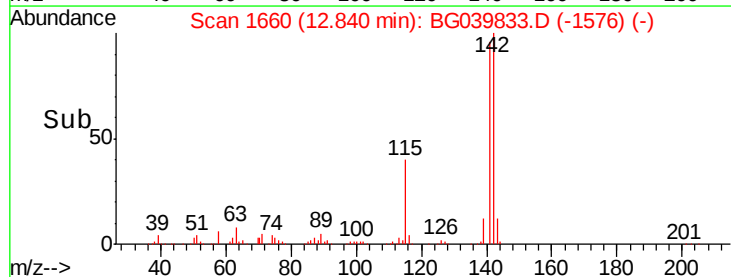
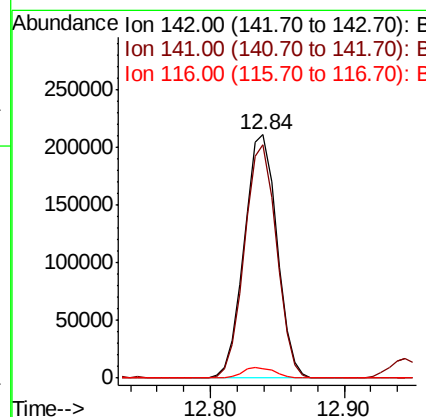
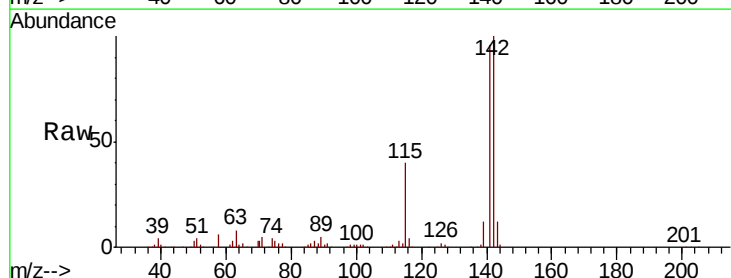
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.5	110.3
115	36.9	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 47.337 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	74.2	111.4
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampleId :

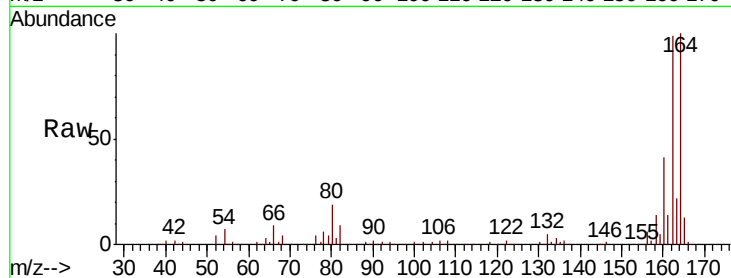
Tot Ion:164 Resp: 138235

Ion Ratio Lower Upper

164 100

162 98.8 81.6 122.4

160 41.4 34.2 51.2

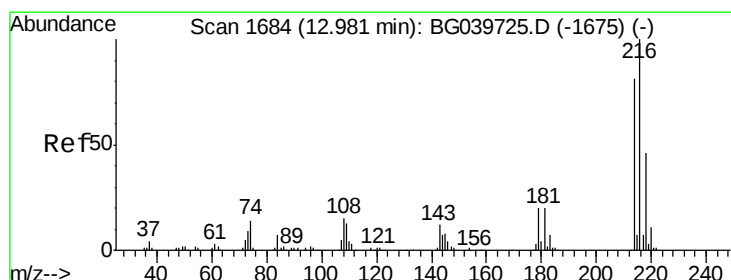
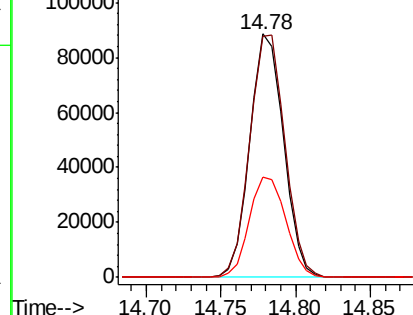
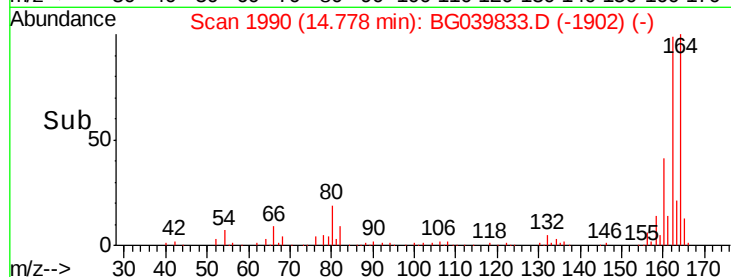


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.831 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Tgt Ion:216 Resp: 209944

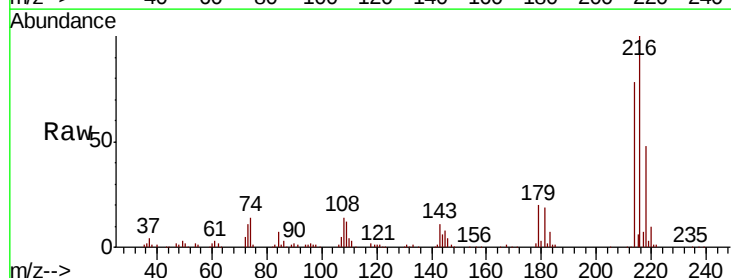
Ion Ratio Lower Upper

216 100

214 78.8 62.6 94.0

179 20.8 16.6 25.0

108 18.2 14.0 21.0



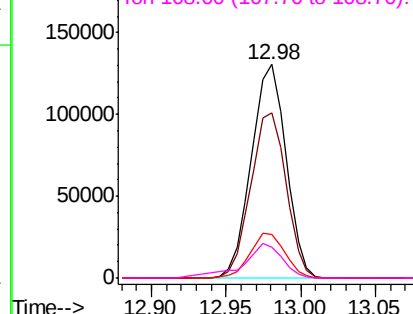
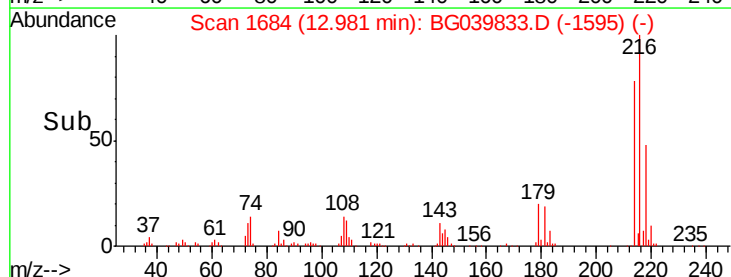
Abundance

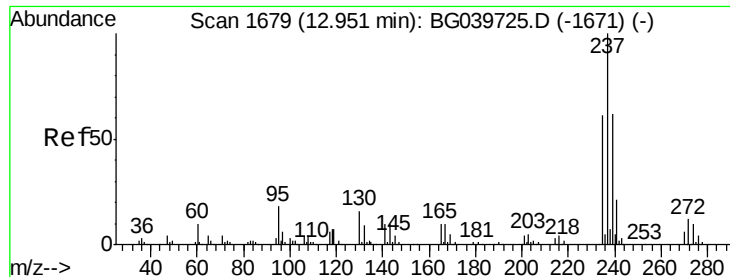
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 97.479 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampleId :

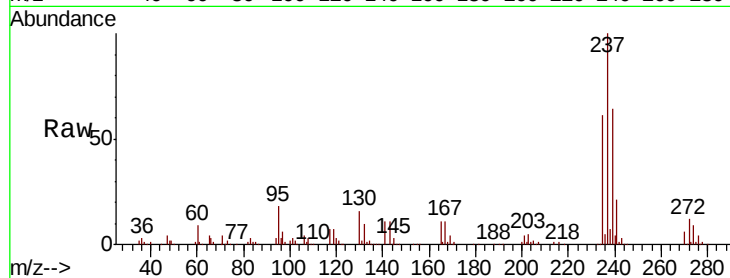
Tot Ion:237 Resp: 244640

Ion Ratio Lower Upper

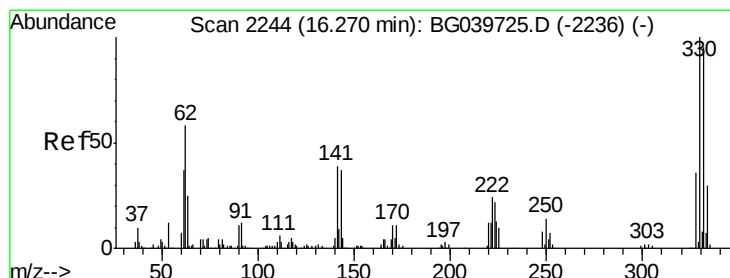
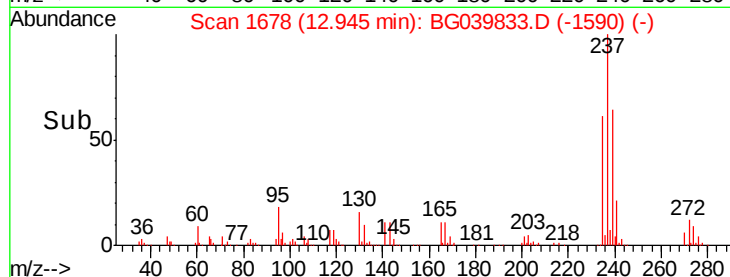
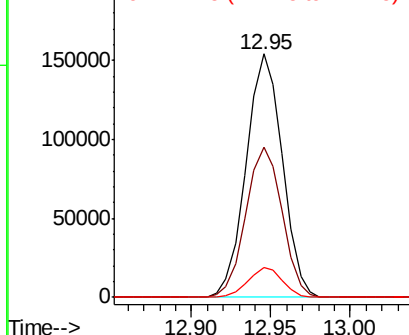
237 100

235 61.5 43.3 83.3

272 12.1 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 147.643 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

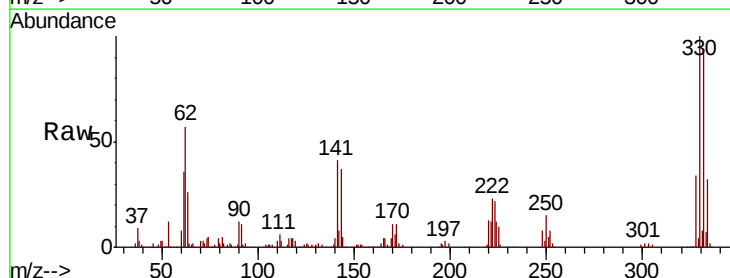
Tgt Ion:330 Resp: 237887

Ion Ratio Lower Upper

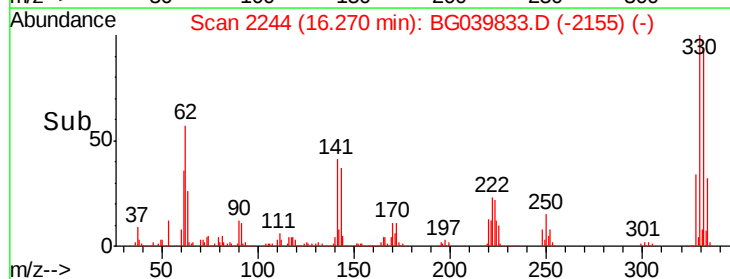
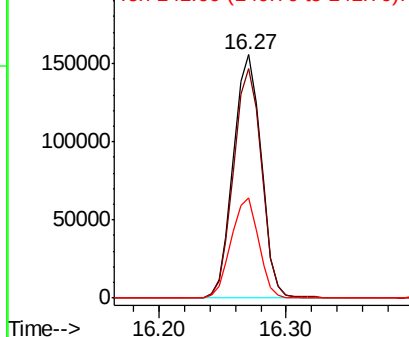
330 100

332 94.6 75.7 113.5

141 40.6 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

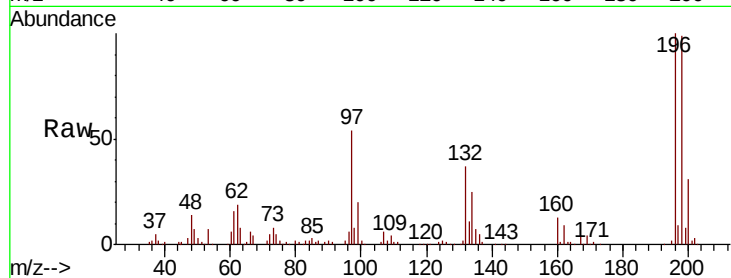




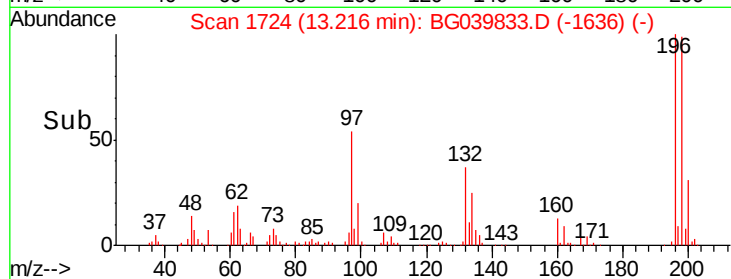
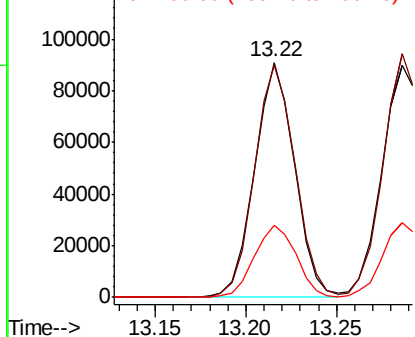
#43
 2,4,6-Trichlorophenol
 Concen: 50.744 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 139126
 Ion Ratio Lower Upper
 196 100
 198 98.9 80.6 121.0
 200 30.7 26.1 39.1

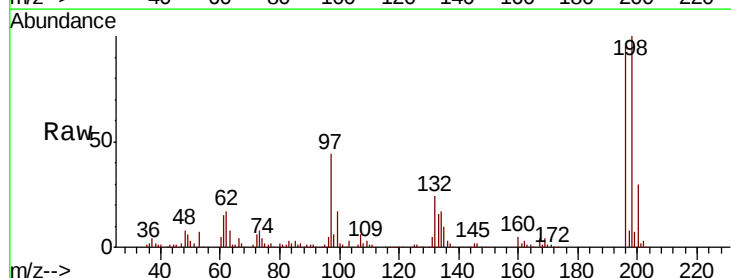


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

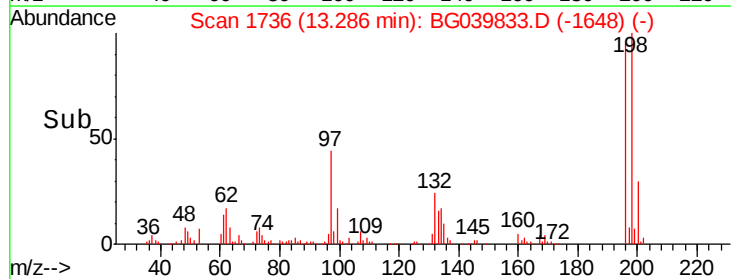
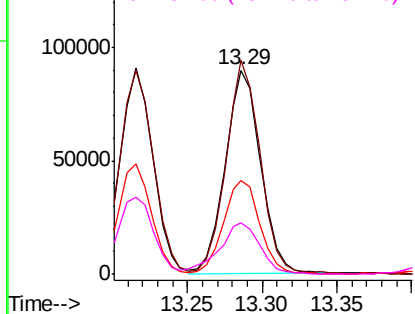


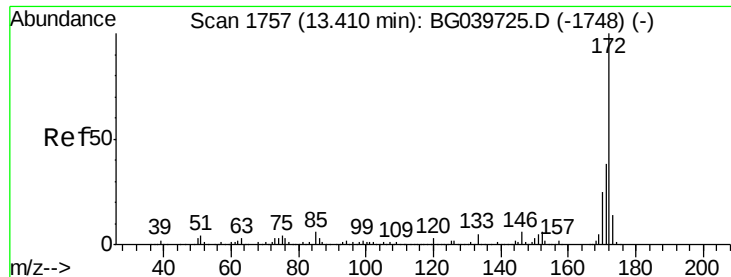
#44
 2,4,5-Trichlorophenol
 Concen: 47.989 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Tgt Ion:196 Resp: 148304
 Ion Ratio Lower Upper
 196 100
 198 104.8 78.5 117.7
 97 45.8 38.4 57.6
 132 25.3 19.2 28.8



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

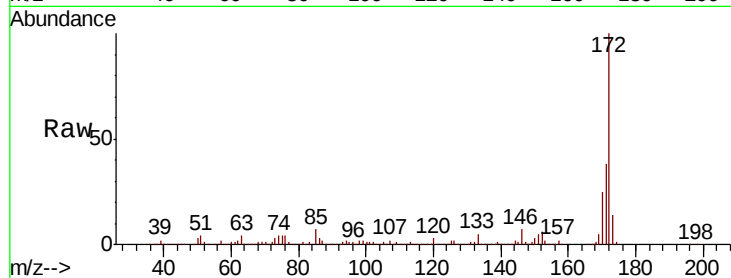




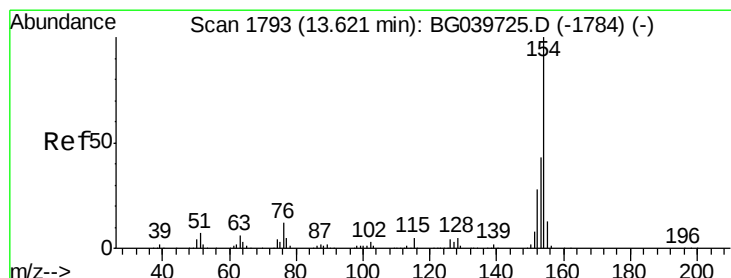
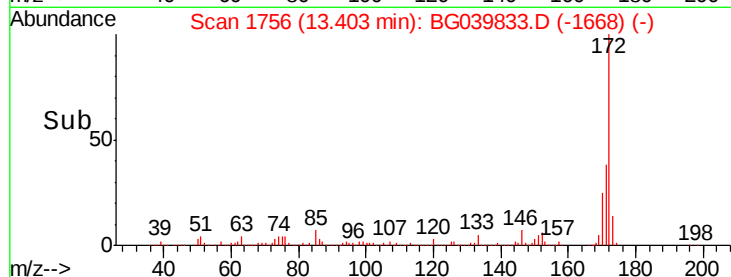
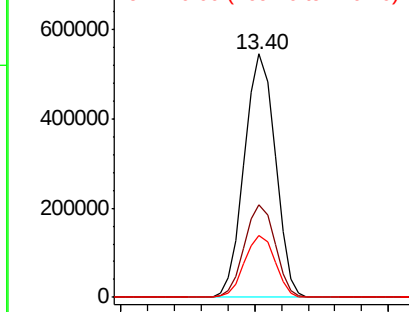
#45
2-Fluorobiphenyl
Concen: 90.229 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 876000
Ion Ratio Lower Upper
172 100
171 38.3 30.8 46.2
170 25.2 20.2 30.4

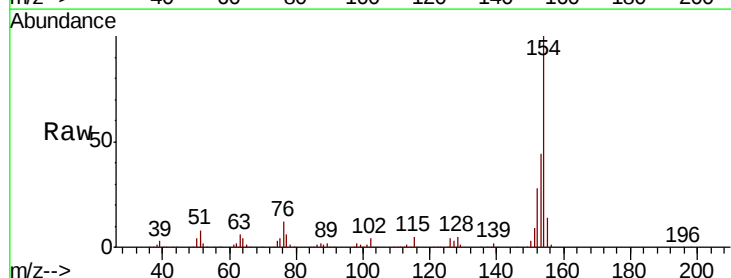


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

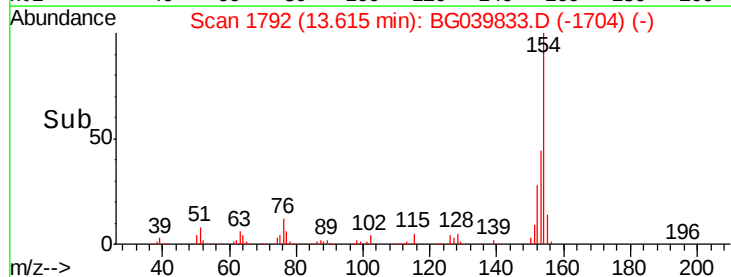
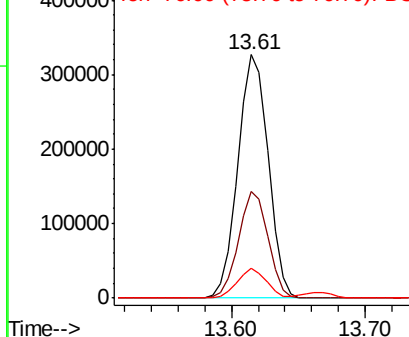


#46
1,1'-Biphenyl
Concen: 45.057 ng
RT: 13.61 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion:154 Resp: 512280
Ion Ratio Lower Upper
154 100
153 43.7 22.1 62.1
76 12.4 0.0 32.4



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

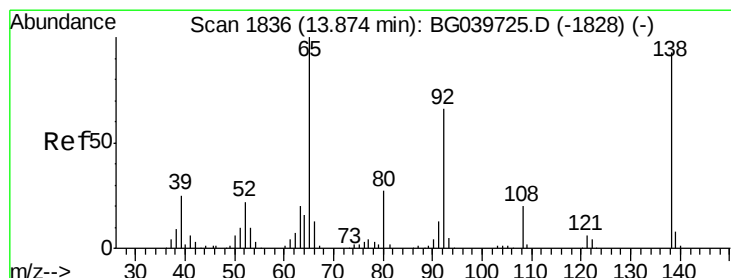
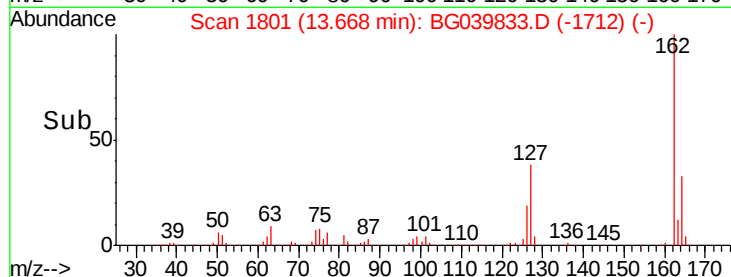
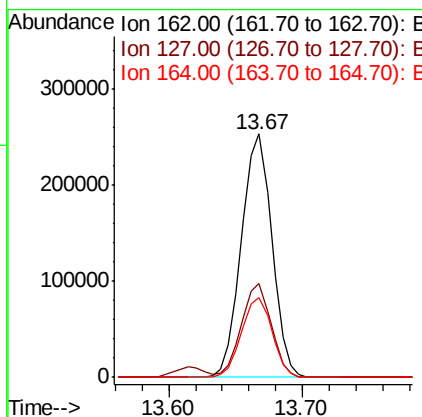
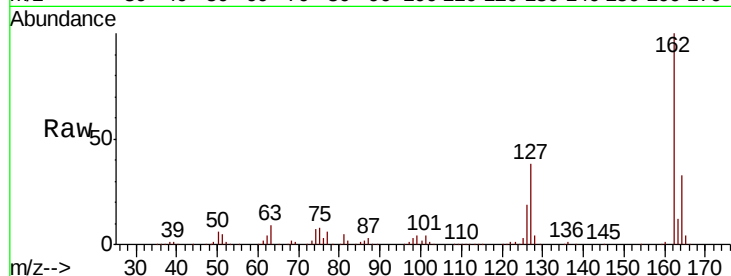




#47
 2-Chloronaphthalene
 Concen: 46.835 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

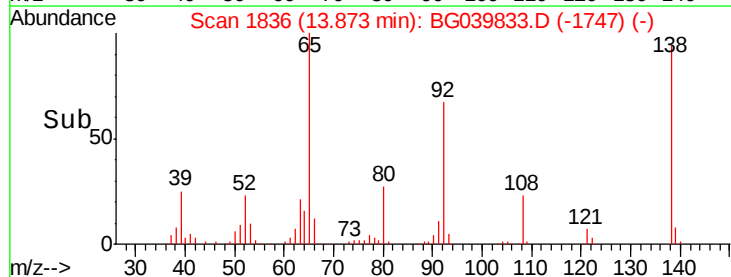
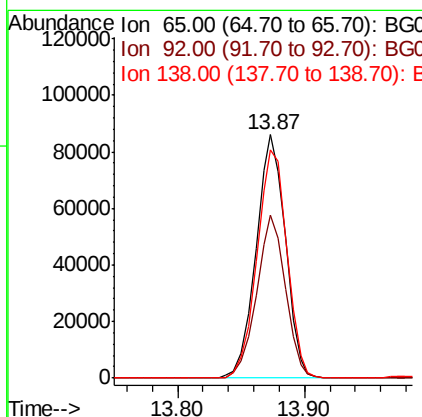
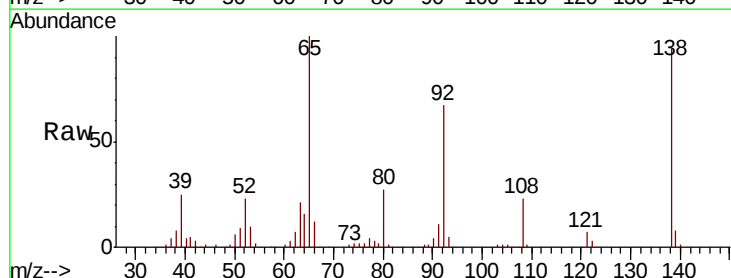
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 400592
 Ion Ratio Lower Upper
 162 100
 127 38.4 31.0 46.6
 164 32.9 25.7 38.5



#48
 2-Nitroaniline
 Concen: 50.382 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Tgt Ion: 65 Resp: 138489
 Ion Ratio Lower Upper
 65 100
 92 66.9 51.4 77.2
 138 93.8 71.4 107.2





#49

Acenaphthylene

Concen: 45.719 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampled :

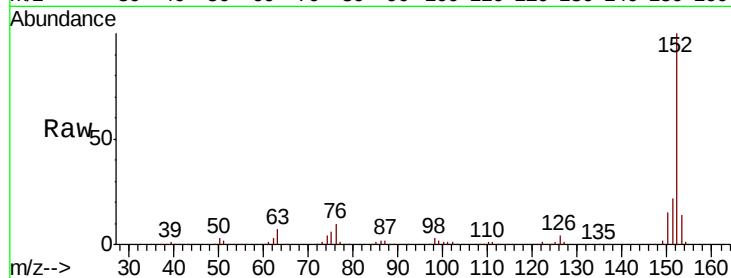
Tot Ion:152 Resp: 641941

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

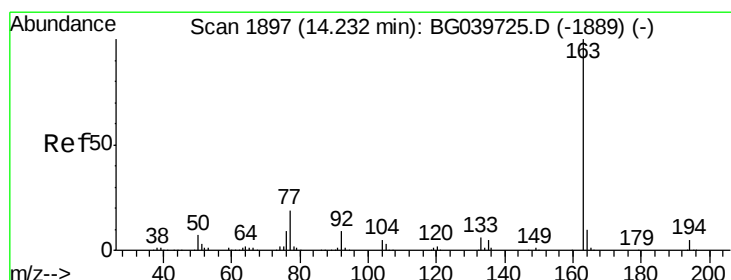
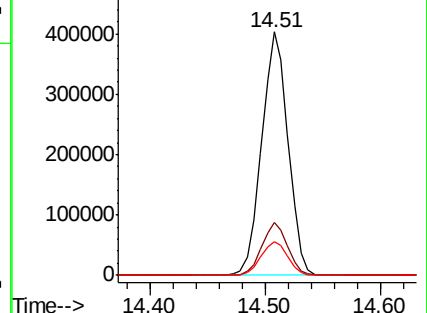
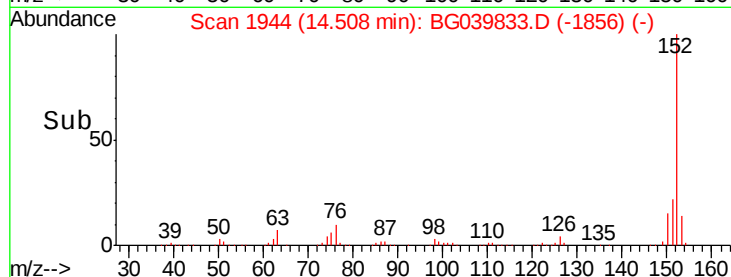
153 14.0 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.821 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

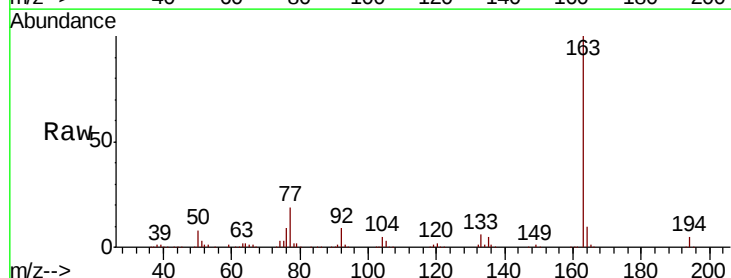
Tgt Ion:163 Resp: 541203

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

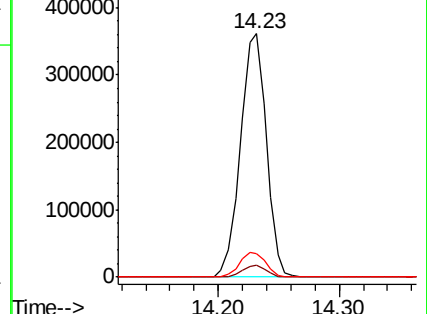
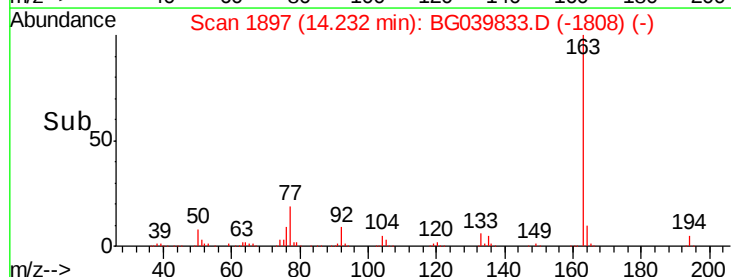
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

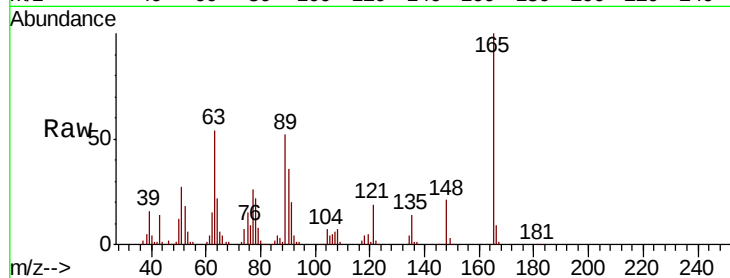




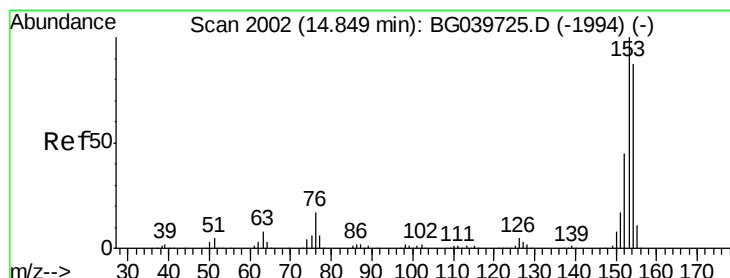
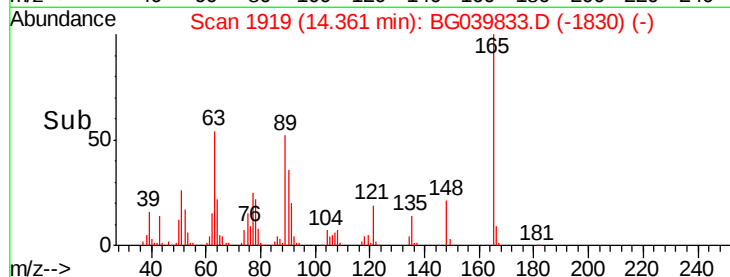
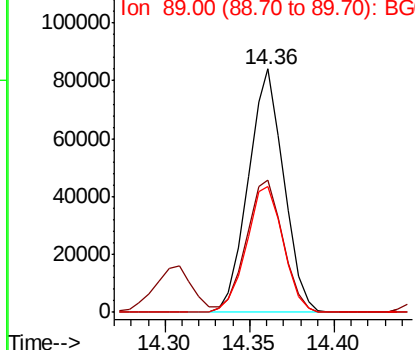
#51
 2,6-Dinitrotoluene
 Concen: 49.989 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 122497
 Ion Ratio Lower Upper
 165 100
 63 54.4 47.0 70.6
 89 51.8 45.8 68.8

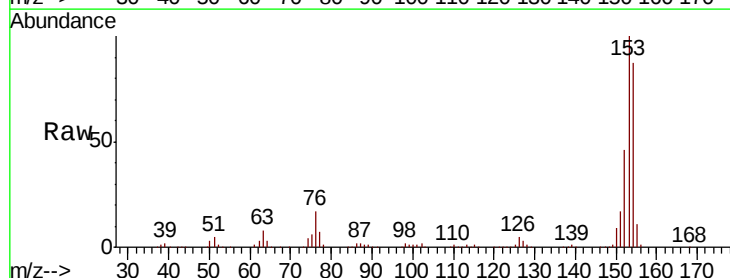


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

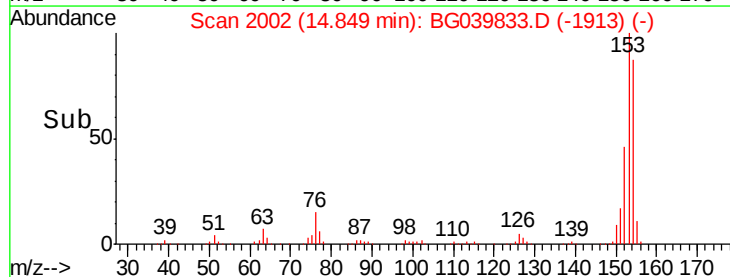
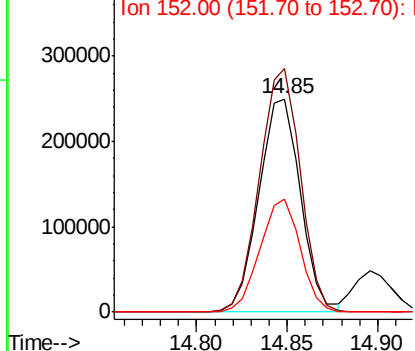


#52
 Acenaphthene
 Concen: 47.204 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Tgt Ion:154 Resp: 398919
 Ion Ratio Lower Upper
 154 100
 153 114.3 90.1 135.1
 152 53.0 40.9 61.3



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





#53

3-Nitroaniline

Concen: 10.184 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampled :

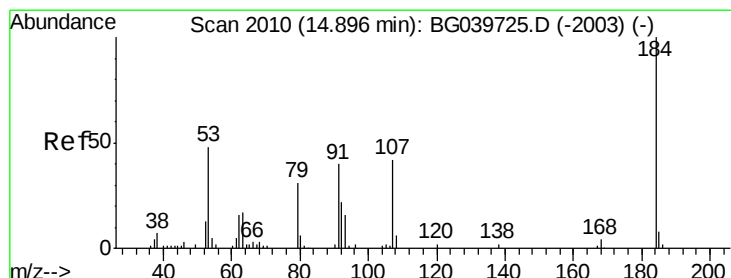
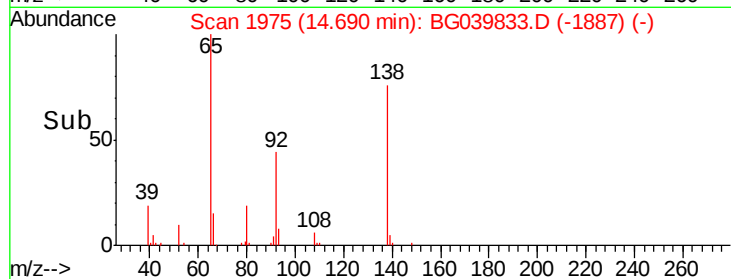
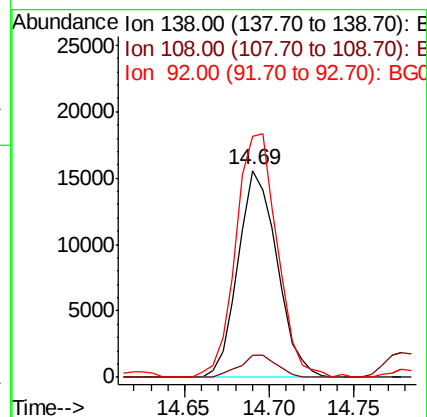
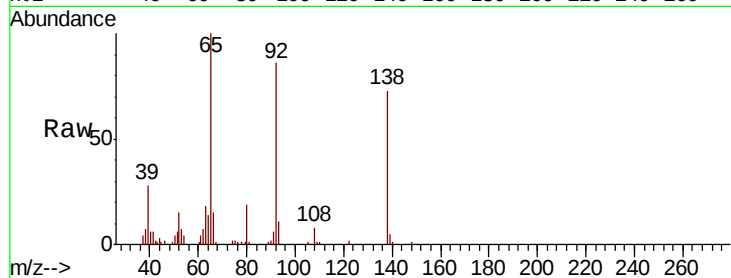
Tot Ion:138 Resp: 25086

Ion Ratio Lower Upper

138 100

108 10.5 13.8 20.8#

92 116.6 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 78.129 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

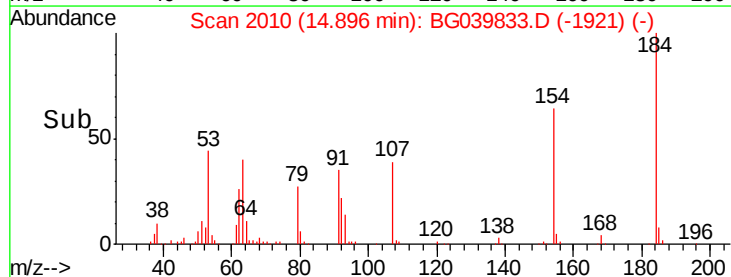
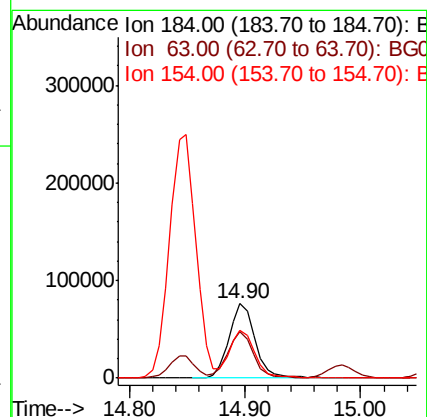
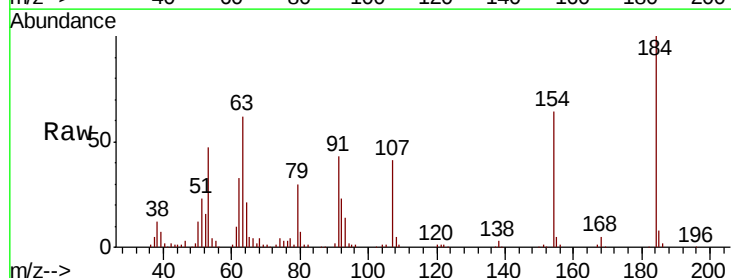
Tgt Ion:184 Resp: 120534

Ion Ratio Lower Upper

184 100

63 62.4 50.9 76.3

154 64.4 53.0 79.6

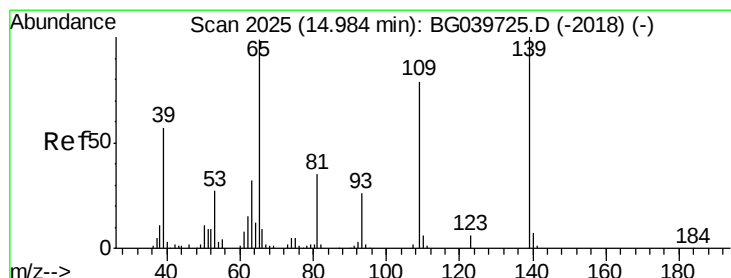
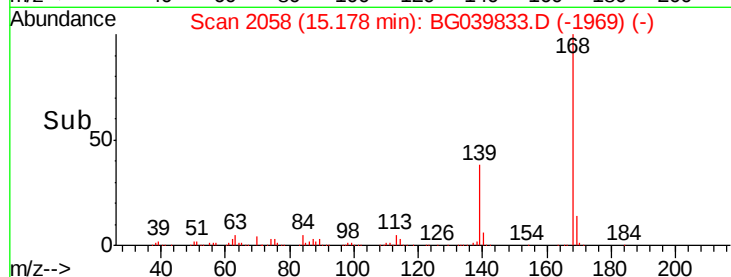
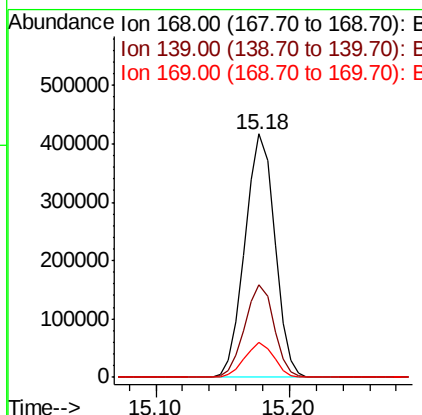
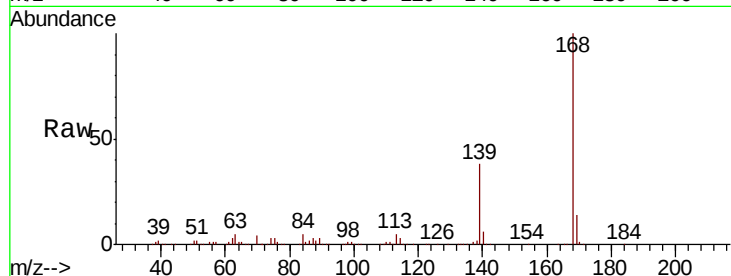




#55
Dibenzenofuran
Concen: 46.370 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

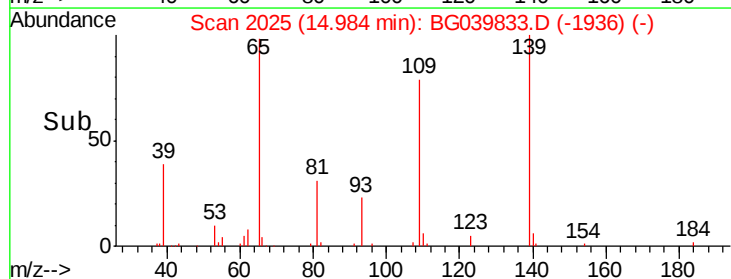
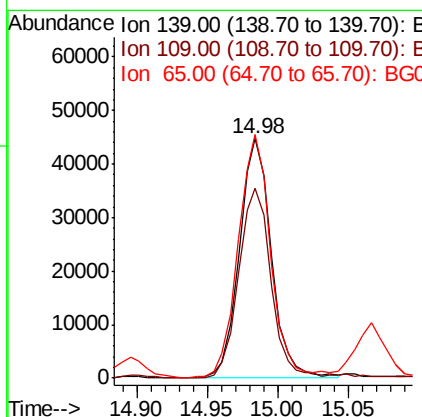
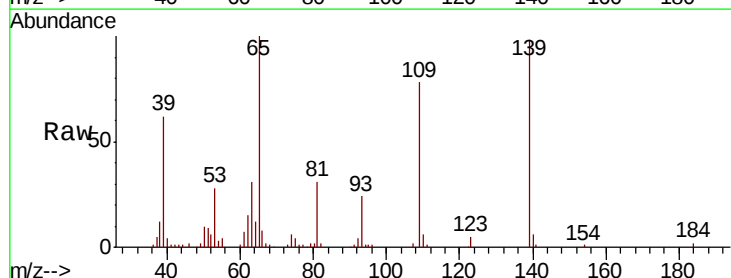
Instrument :
BNA_G
ClientSampleId :

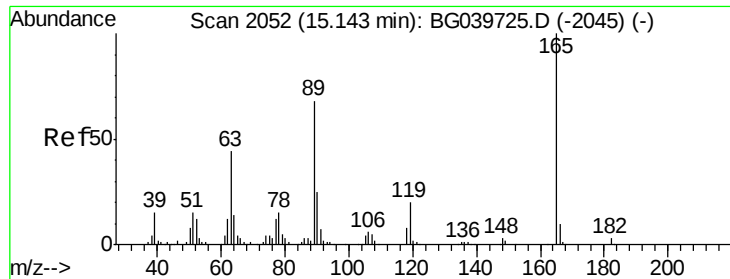
Tot Ion:168 Resp: 642943
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 14.3 10.6 16.0



#56
4-Nitrophenol
Concen: 32.183 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion:139 Resp: 70916
Ion Ratio Lower Upper
139 100
109 79.1 61.9 101.9
65 101.6 99.1 139.1

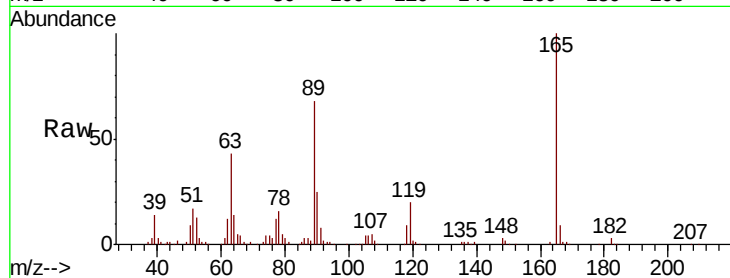




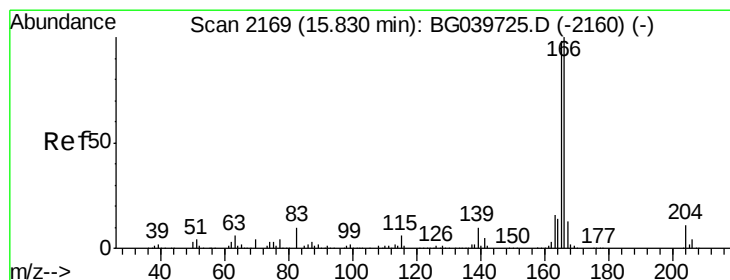
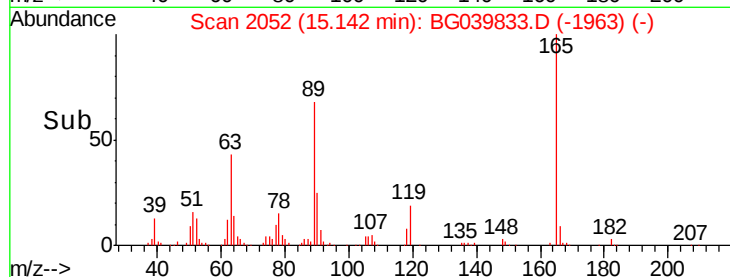
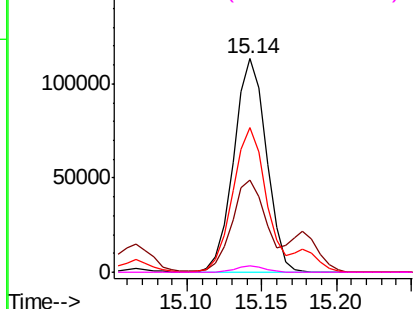
#57
2,4-Dinitrotoluene
Concen: 50.122 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 172581
Ion Ratio Lower Upper
165 100
63 43.1 41.0 61.6
89 67.7 64.6 96.8
182 2.8 2.0 3.0

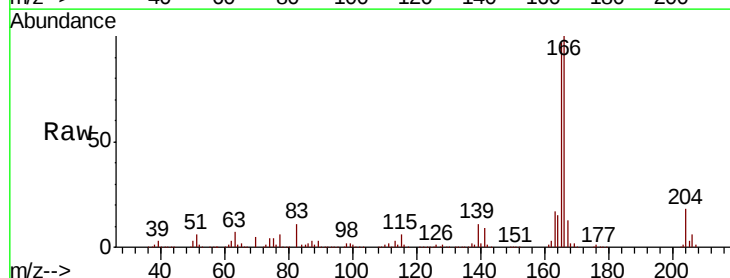


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

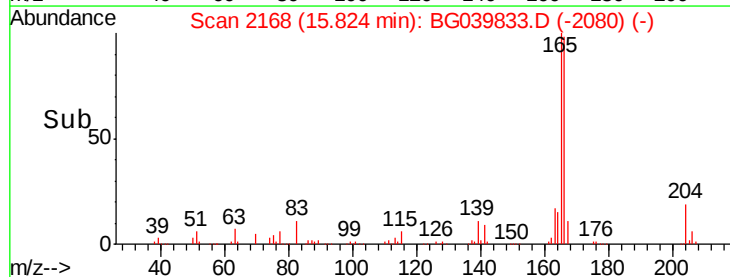
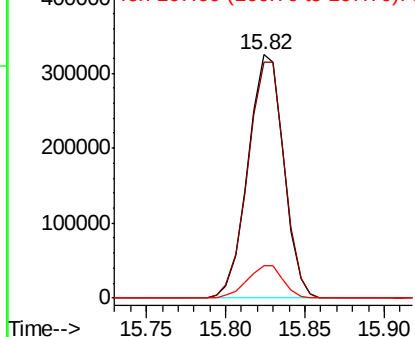


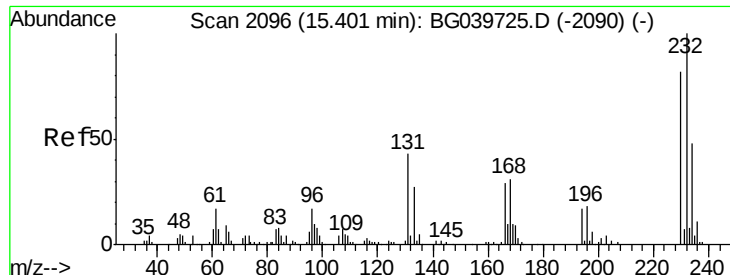
#58
Fluorene
Concen: 46.578 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion:166 Resp: 507705
Ion Ratio Lower Upper
166 100
165 96.7 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

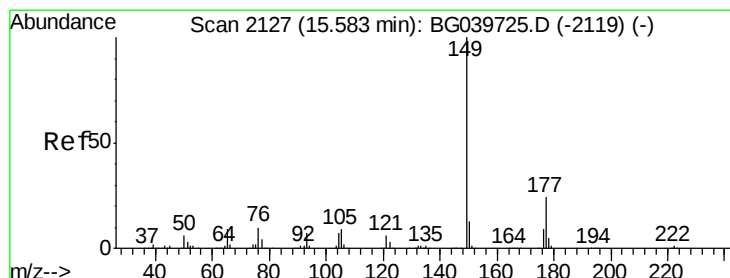
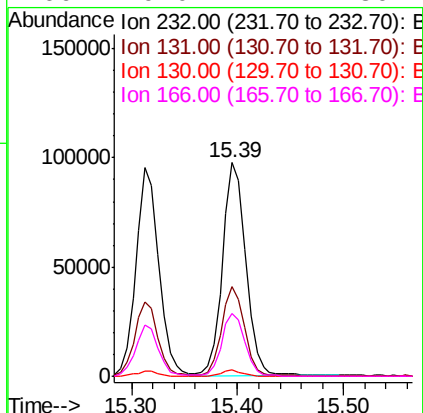
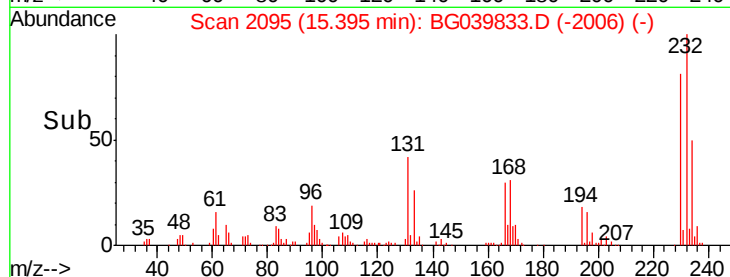
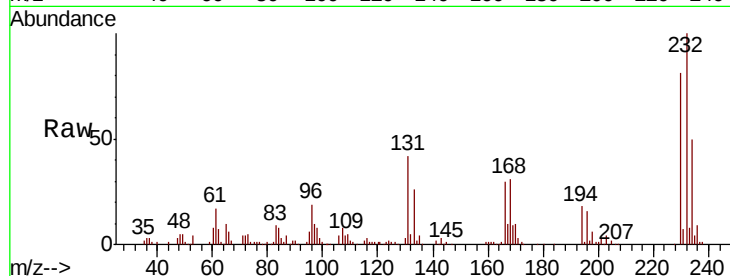




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.676 ng
 RT: 15.39 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

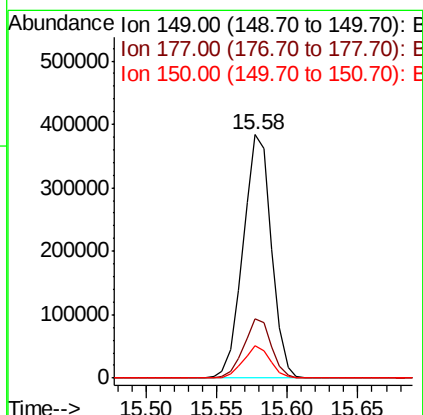
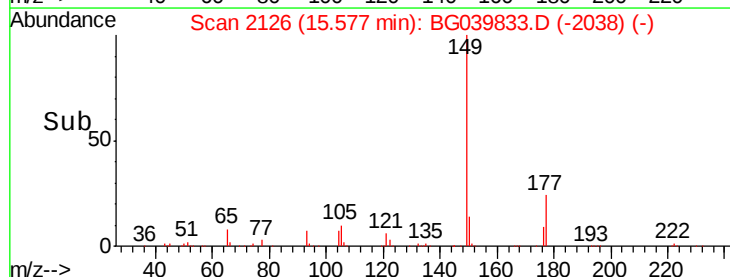
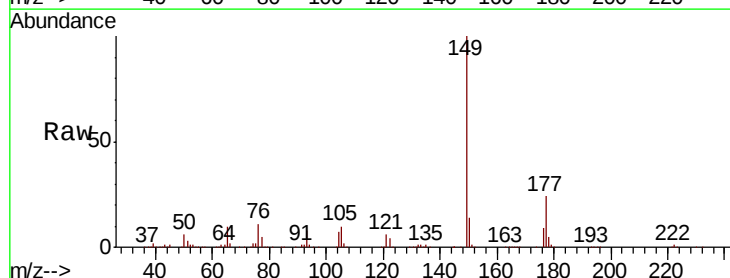
Instrument :
 BNA_G
 ClientSampled :

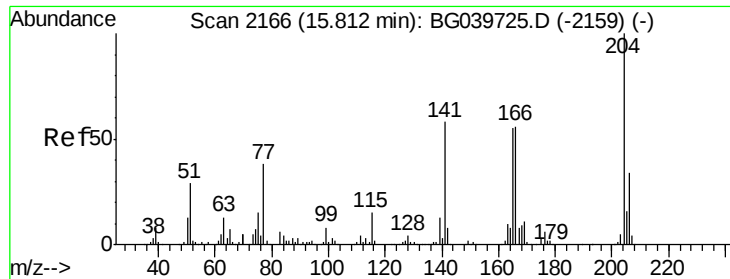
Tot Ion:232	Resp:	149931
Ion Ratio	Lower	Upper
232	100	
131	41.9	34.9 52.3
130	2.5	2.0 3.0
166	29.0	24.1 36.1



#60
 Diethylphthalate
 Concen: 46.892 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Tgt Ion:149	Resp:	536565
Ion Ratio	Lower	Upper
149	100	
177	24.3	18.3 27.5
150	13.5	10.2 15.2

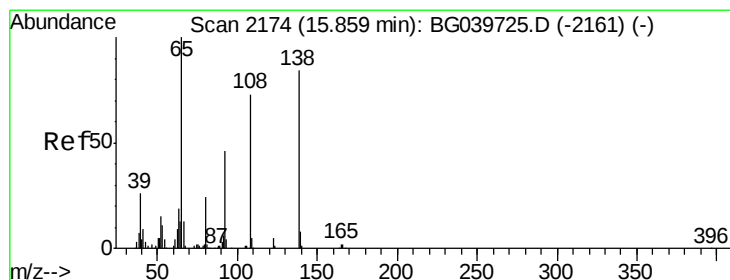
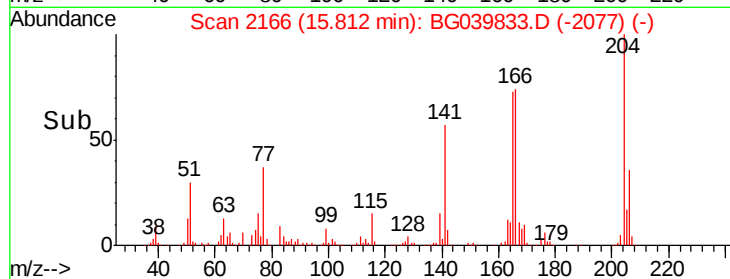
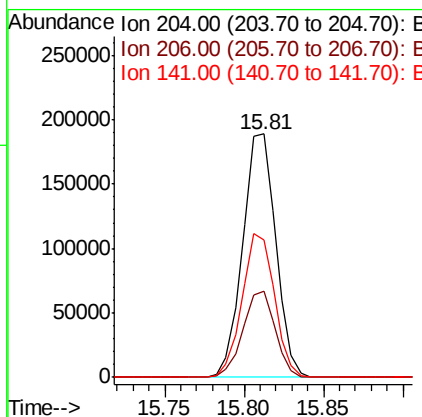
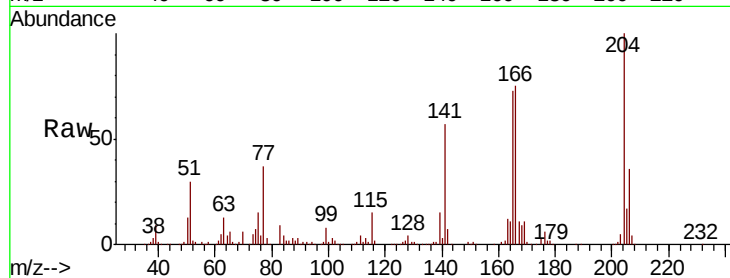




#61
4-Chlorophenyl-phenylether
Concen: 47.117 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

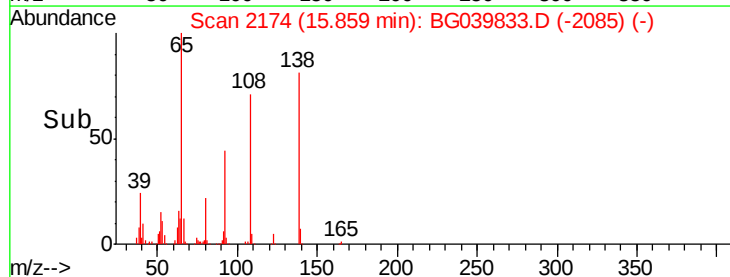
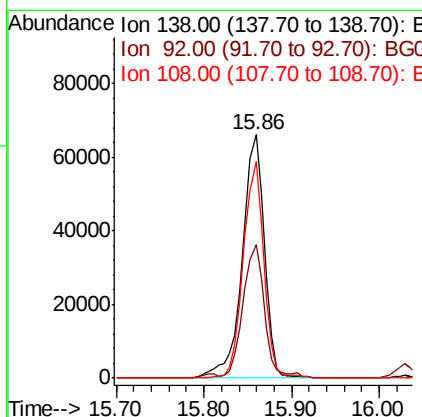
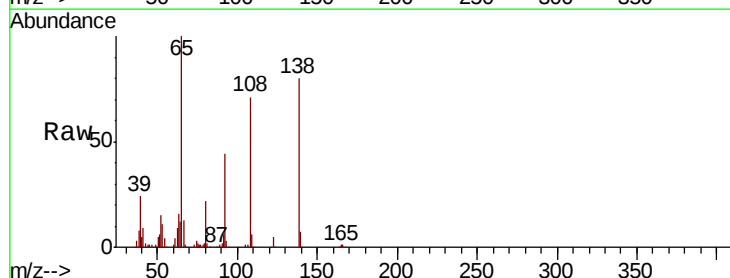
Instrument :
BNA_G
ClientSampled :

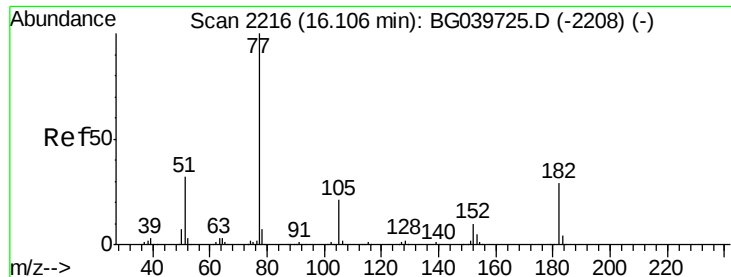
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	29.2	43.8
141	56.7	49.0	73.4



#62
4-Nitroaniline
Concen: 41.964 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	38.7	78.7
108	89.0	74.6	114.6





#63

Azobenzene

Concen: 46.986 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 487358

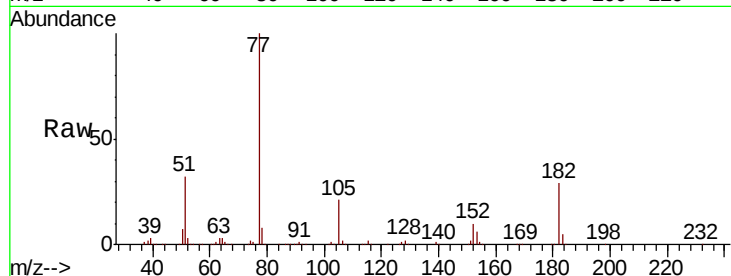
Ion Ratio Lower Upper

77 100

182 29.5 6.4 46.4

105 20.9 0.0 39.8

51 31.9 14.1 54.1

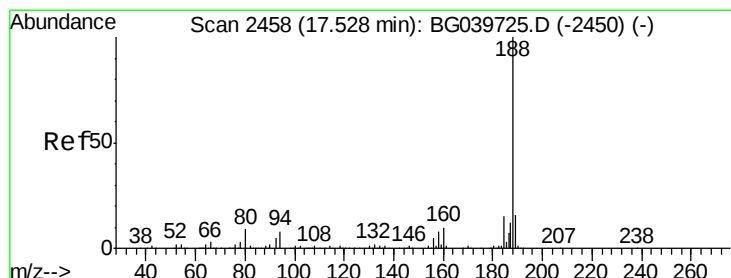
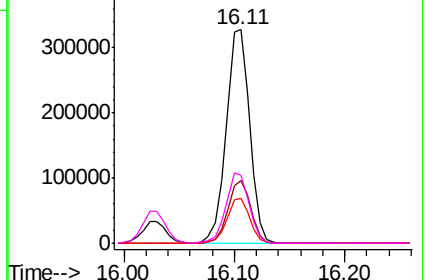
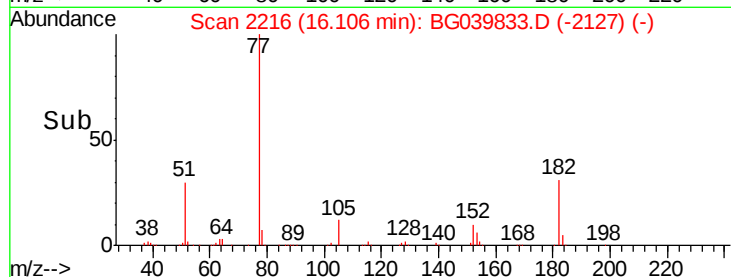


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

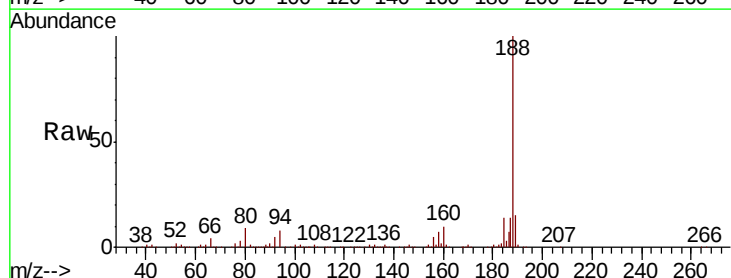
Tgt Ion: 188 Resp: 330597

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

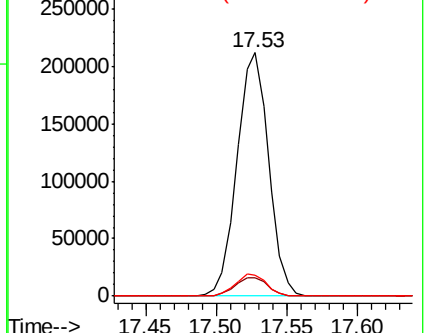
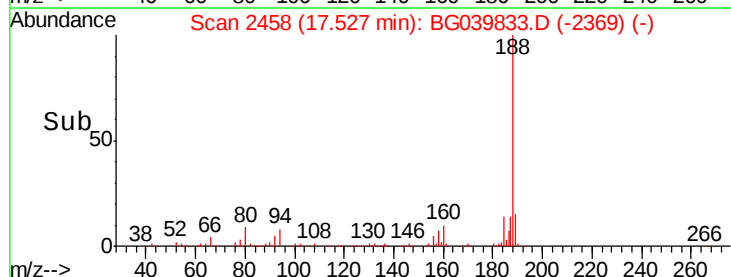
80 8.7 8.1 12.1



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: 47.071 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

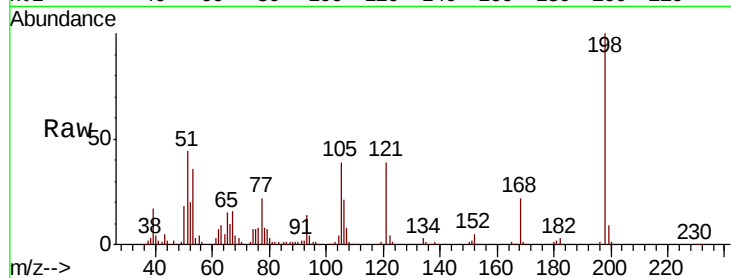
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 92010

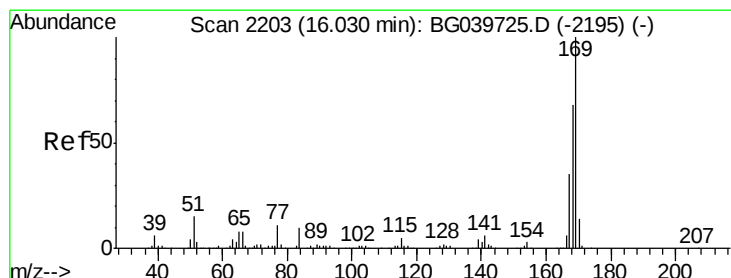
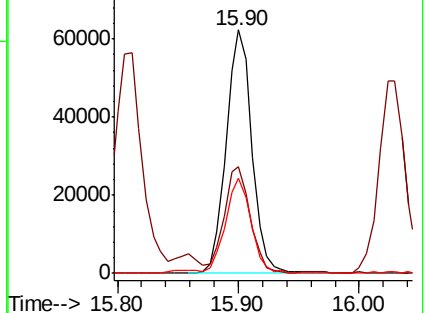
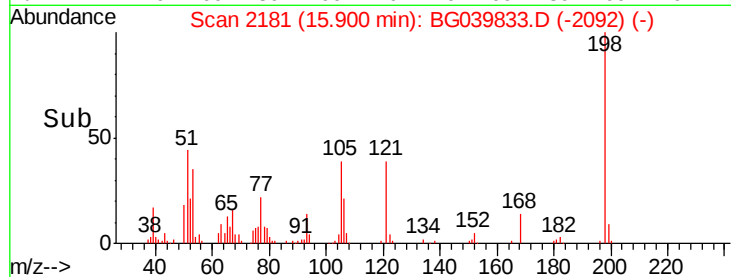
Ion	Ratio	Lower	Upper
198	100		
51	43.7	27.4	67.4
105	38.9	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039833.D (-2092) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.015 ng

RT: 16.03 min Scan# 2203

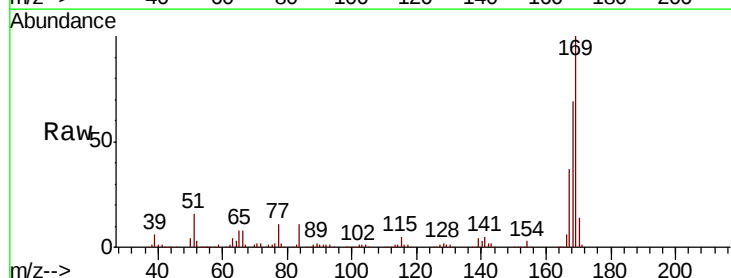
Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Tgt Ion:169 Resp: 469116

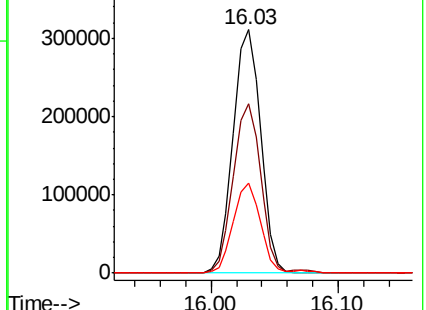
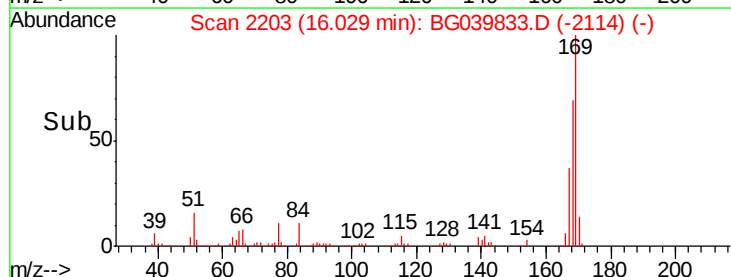
Ion	Ratio	Lower	Upper
169	100		
168	69.5	56.6	85.0
167	37.0	28.8	43.2



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

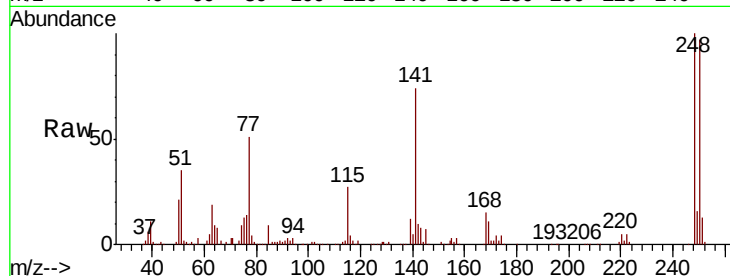




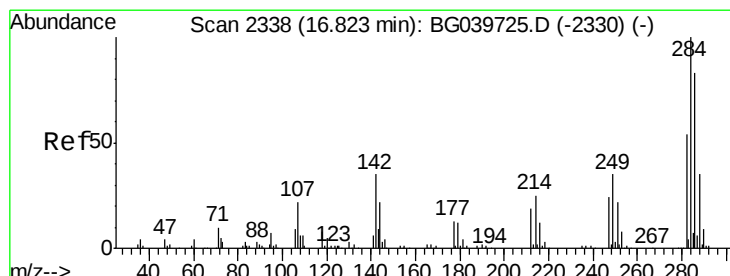
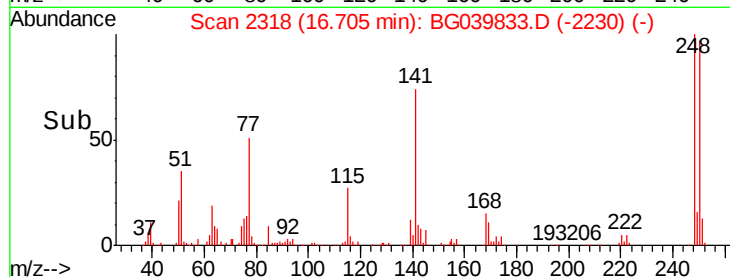
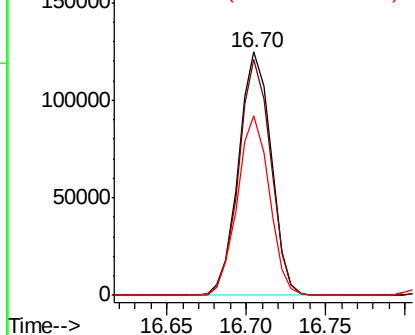
#67
4-Bromophenyl-phenylether
Concen: 48.014 ng
RT: 16.70 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 177674
Ion Ratio Lower Upper
248 100
250 96.8 77.6 116.4
141 74.0 63.9 95.9

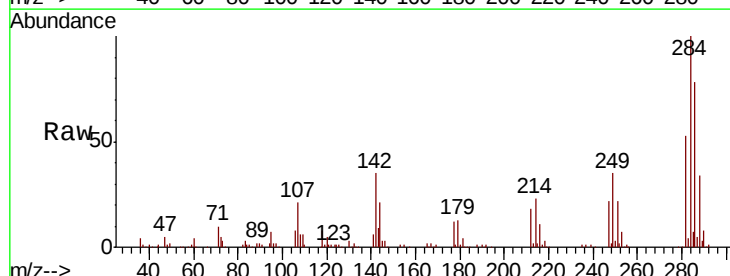


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

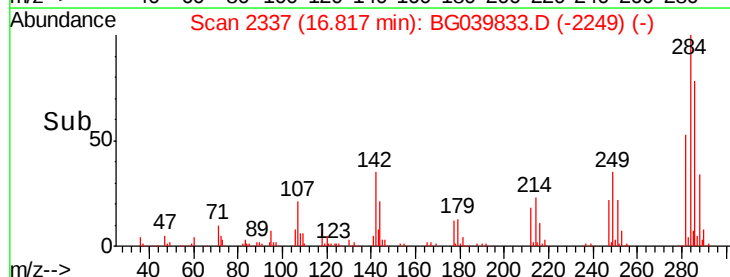
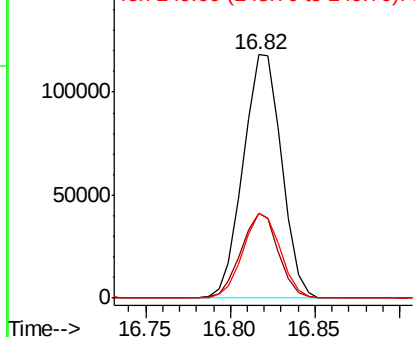


#68
Hexachlorobenzene
Concen: 48.669 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion:284 Resp: 186686
Ion Ratio Lower Upper
284 100
142 35.1 30.6 45.8
249 35.1 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.652 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampleId :

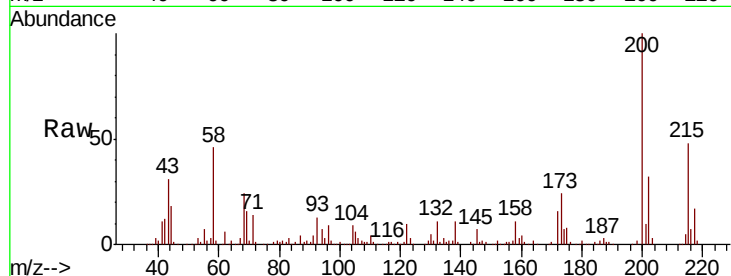
Tot Ion:200 Resp: 183258

Ion Ratio Lower Upper

200 100

173 24.0 3.9 43.9

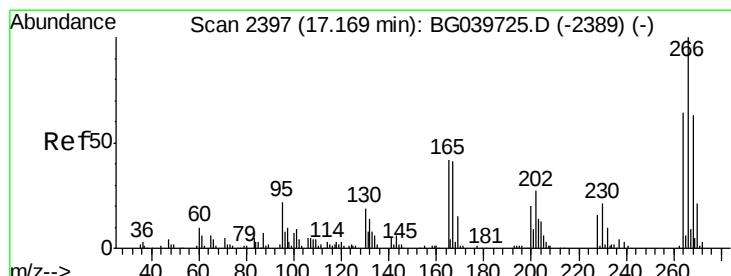
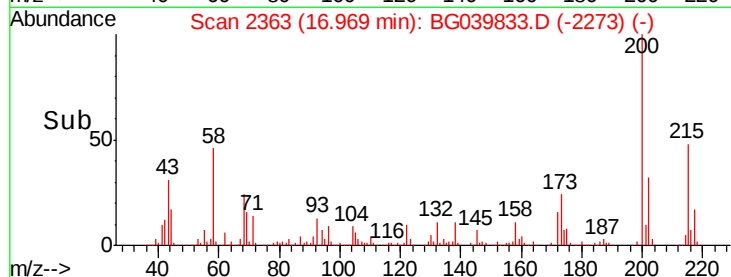
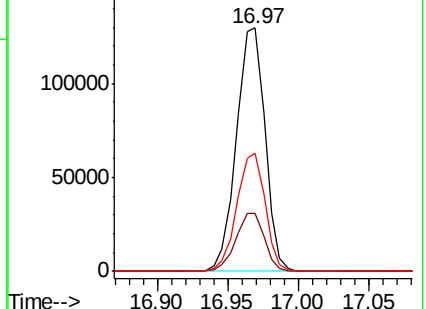
215 48.3 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 89.461 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

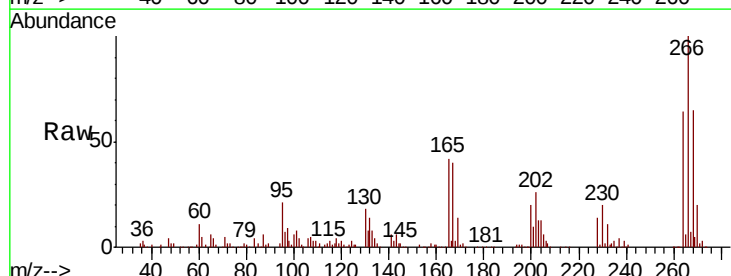
Tgt Ion:266 Resp: 216720

Ion Ratio Lower Upper

266 100

268 65.3 51.1 76.7

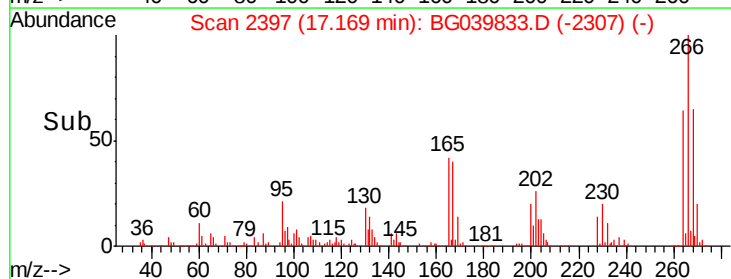
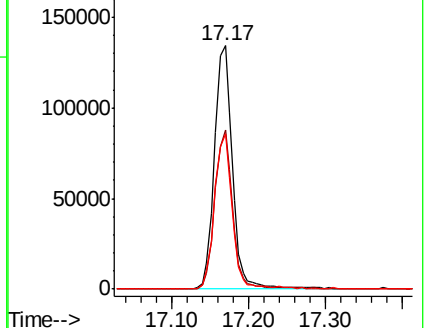
264 63.6 52.1 78.1

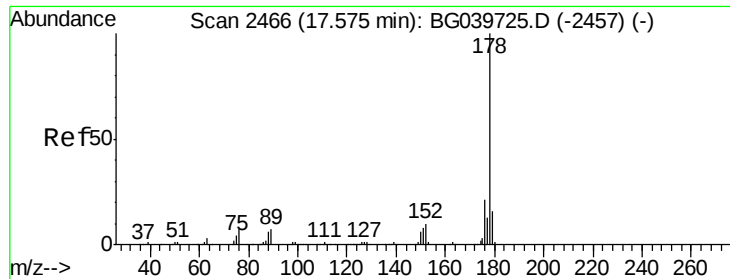


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

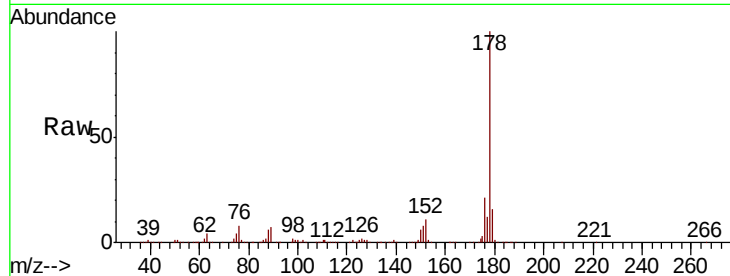




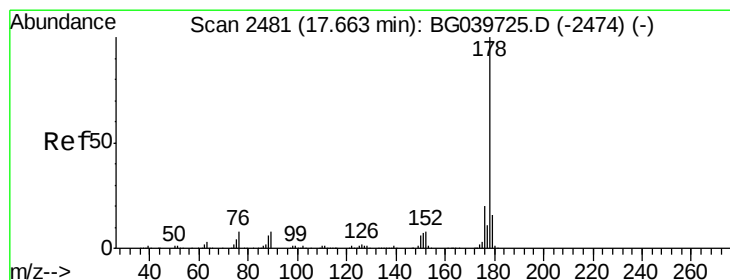
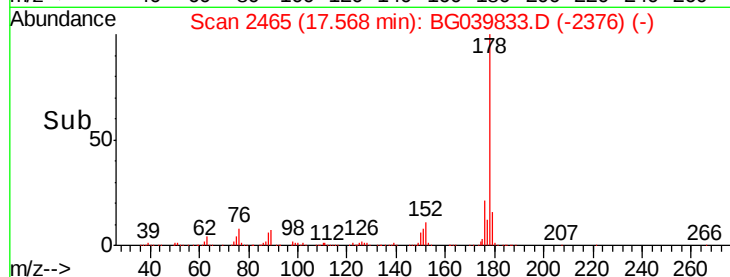
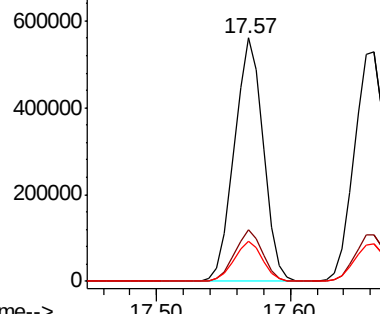
#71
 Phenanthrene
 Concen: 46.186 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 841038
 Ion Ratio Lower Upper
 178 100
 176 21.2 16.2 24.4
 179 16.2 12.6 19.0

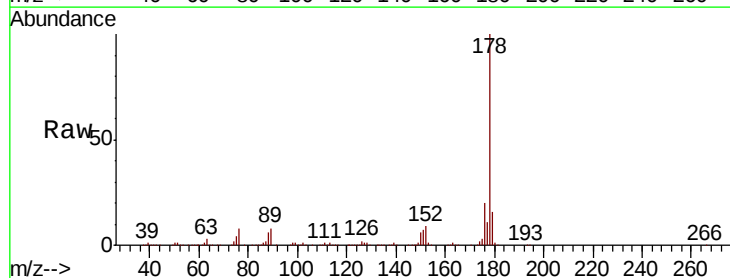


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

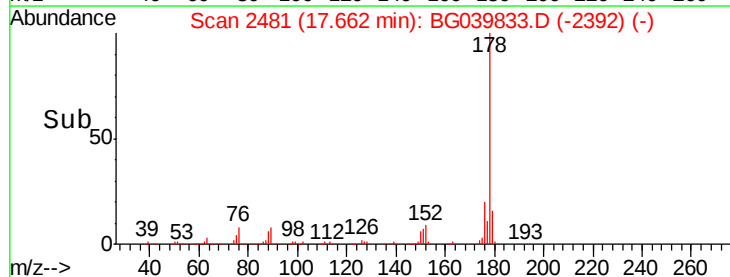
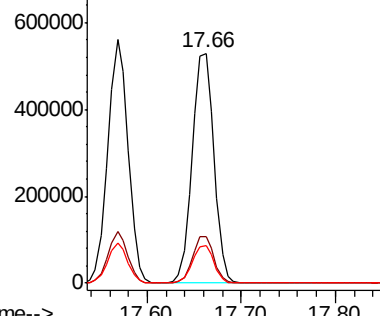


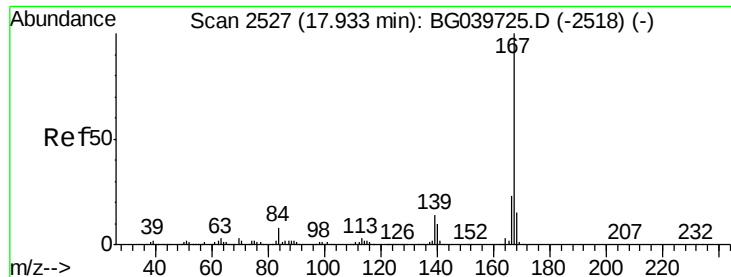
#72
 Anthracene
 Concen: 48.258 ng
 RT: 17.66 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Tgt Ion:178 Resp: 856351
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.6
 179 16.3 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

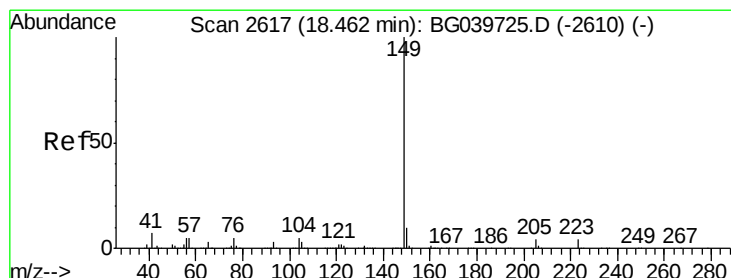
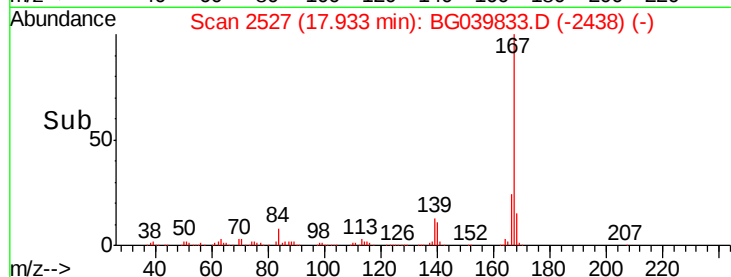
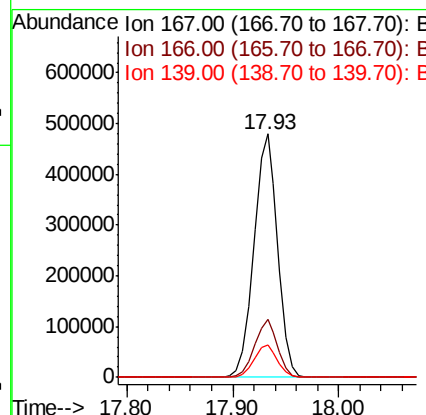
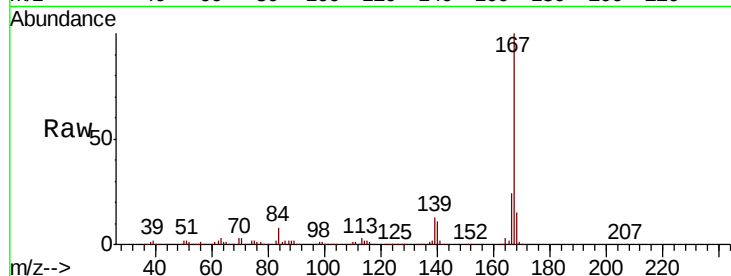




#73
 Carbazole
 Concen: 46.437 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

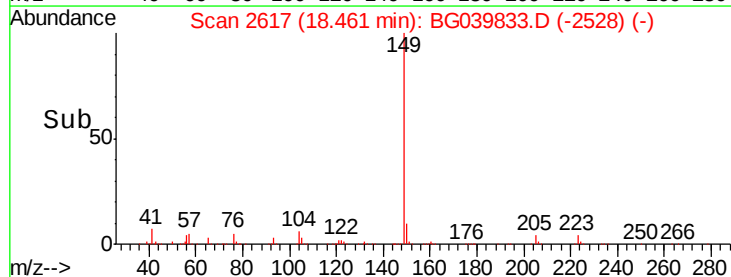
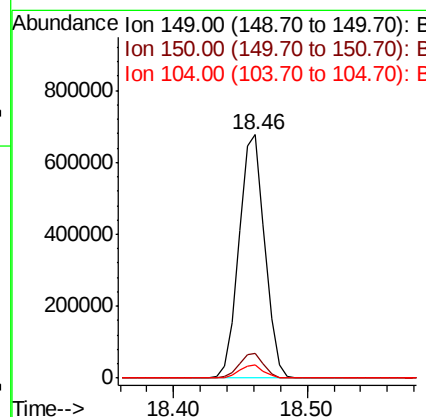
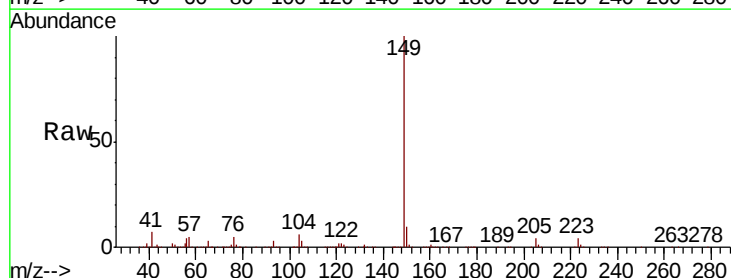
Instrument :
 BNA_G
 ClientSampleId :

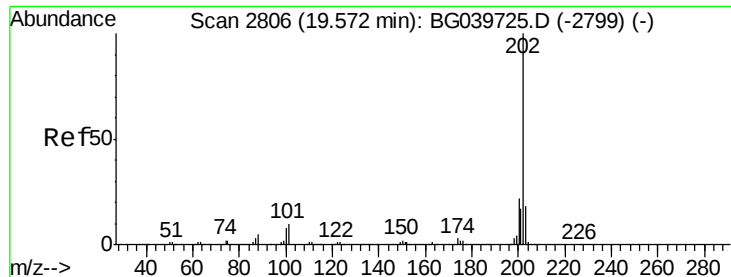
Tot Ion:167 Resp: 742878
 Ion Ratio Lower Upper
 167 100
 166 23.9 19.4 29.2
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 48.132 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039833.D
 Acq: 8 Mar 2019 22:50

Tgt Ion:149 Resp: 905943
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.7 11.5
 104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 45.609 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampleId :

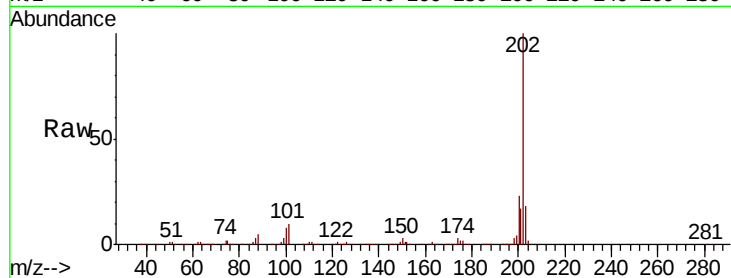
Tot Ion:202 Resp: 981537

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.0

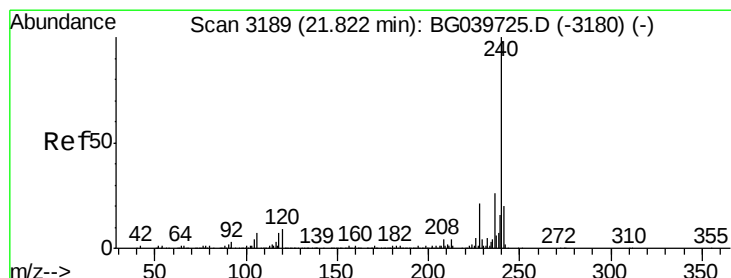
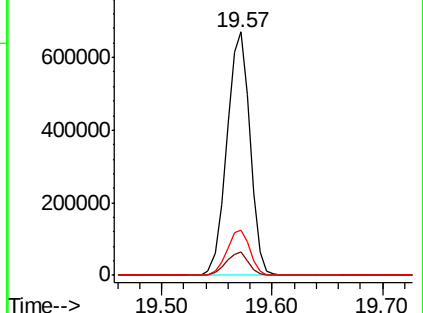
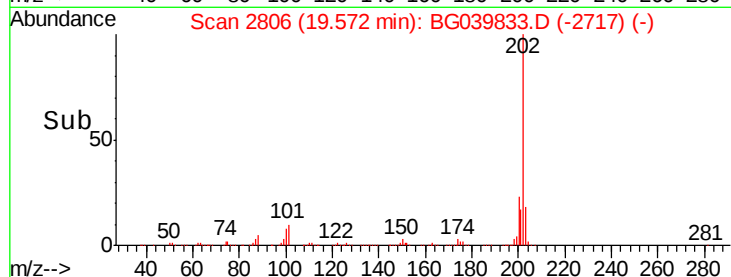
203 18.4 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

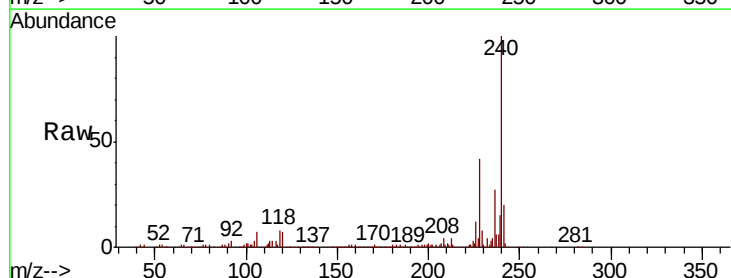
Tgt Ion:240 Resp: 319547

Ion Ratio Lower Upper

240 100

120 7.4 7.0 10.6

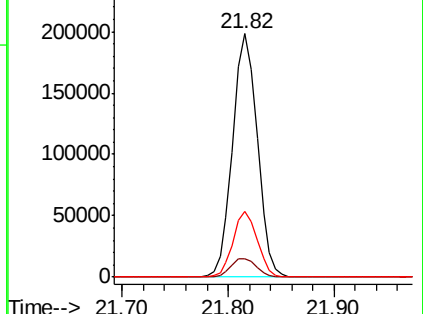
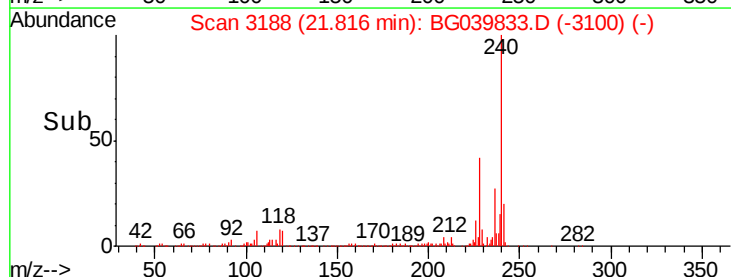
236 26.9 21.0 31.4

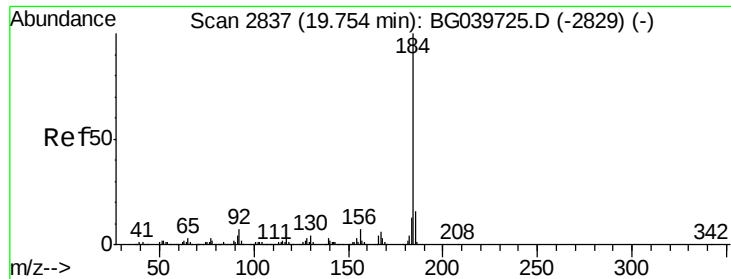


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.754 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

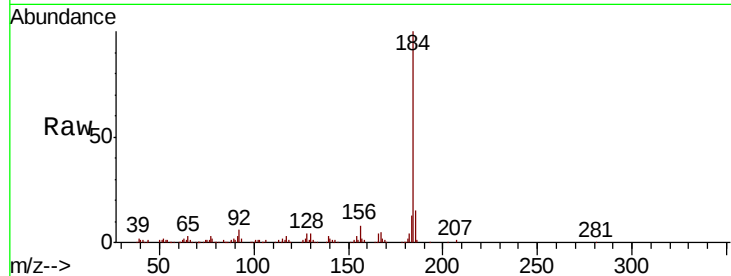
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 159747

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	13.0	10.6	15.8

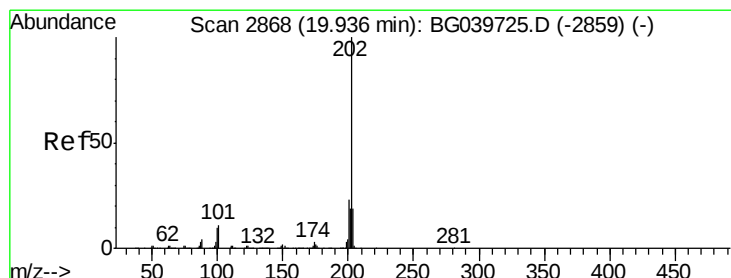
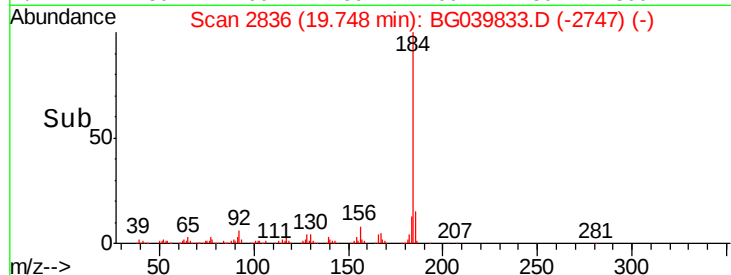
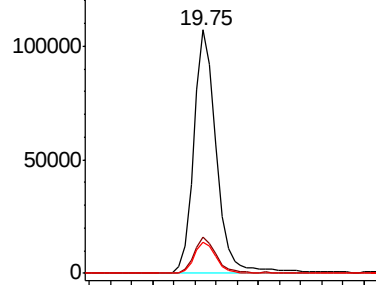


Abundance

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: 47.420 ng

RT: 19.93 min Scan# 2867

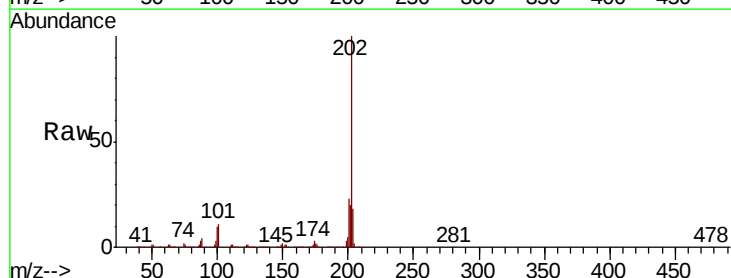
Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Tgt Ion:202 Resp: 984653

Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.8	26.8
203	18.4	15.3	22.9

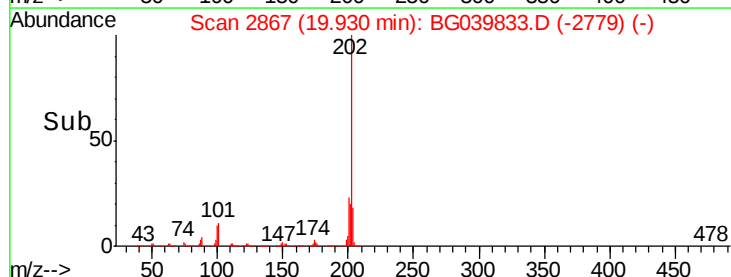
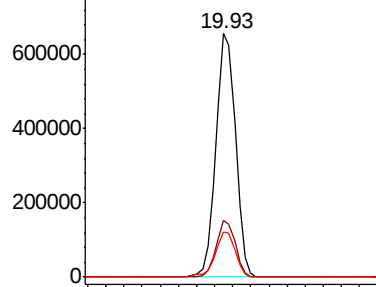


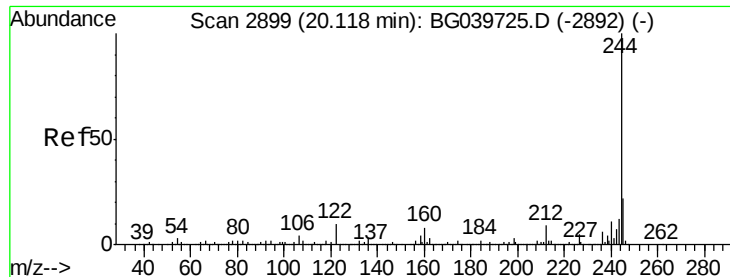
Abundance

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: 92.791 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampled :

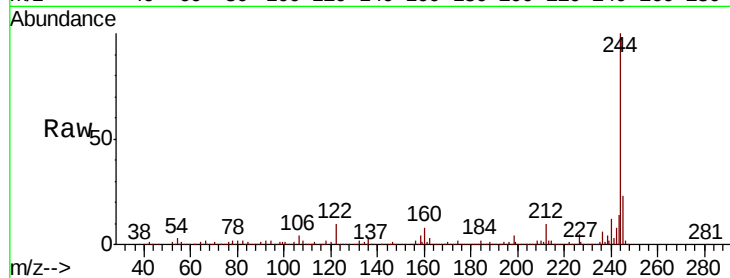
Tot Ion:244 Resp: 1346670

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

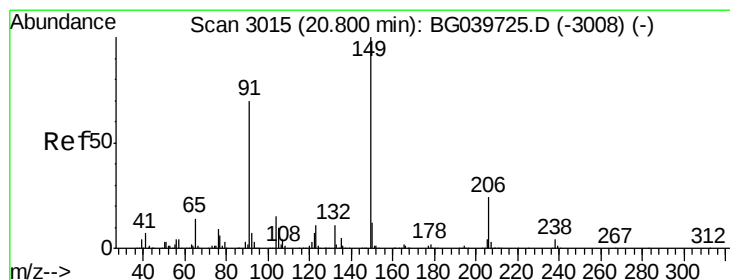
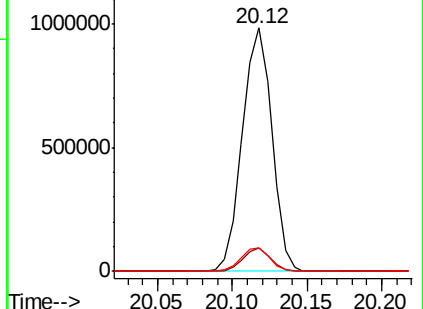
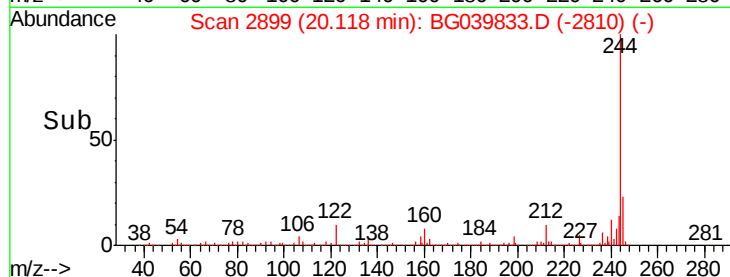
122 9.5 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.583 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

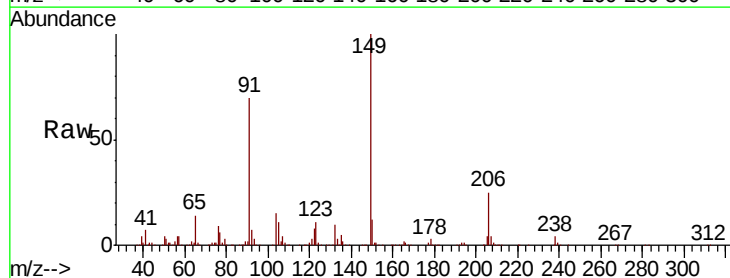
Tgt Ion:149 Resp: 414968

Ion Ratio Lower Upper

149 100

91 70.2 59.5 89.3

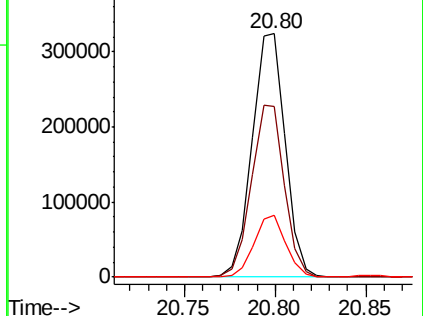
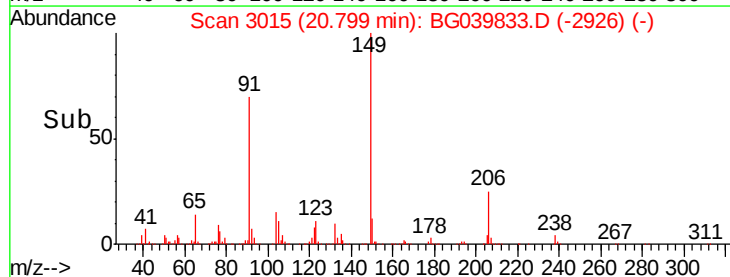
206 25.3 18.6 27.8



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: 46.046 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampleId :

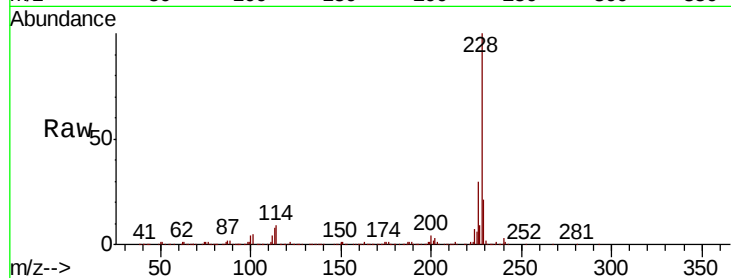
Tot Ion:228 Resp: 922163

Ion Ratio Lower Upper

228 100

226 30.0 23.0 34.6

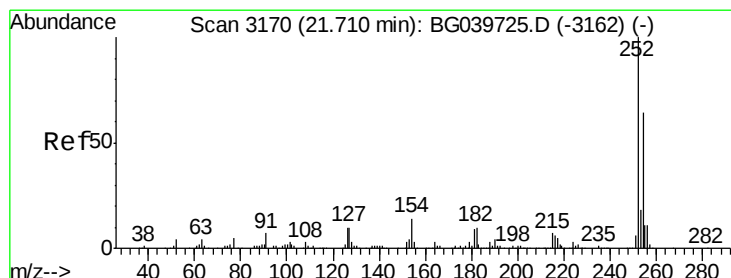
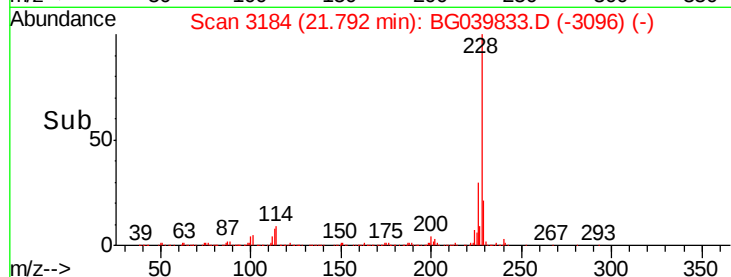
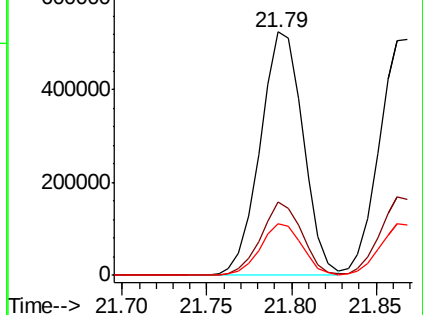
229 21.1 16.9 25.3



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: 20.503 ng

RT: 21.70 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

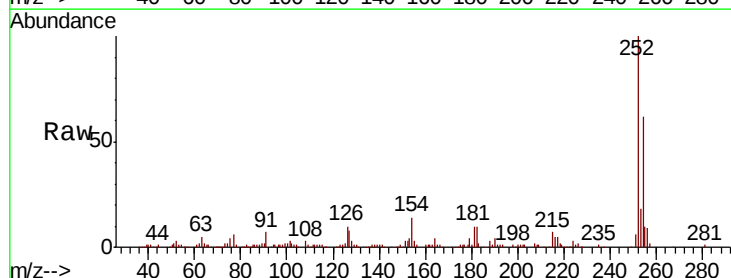
Tgt Ion:252 Resp: 149912

Ion Ratio Lower Upper

252 100

254 62.2 51.3 76.9

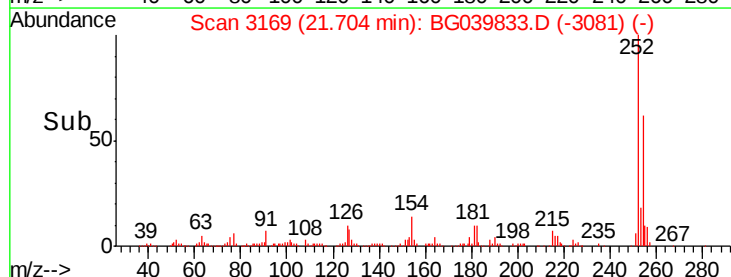
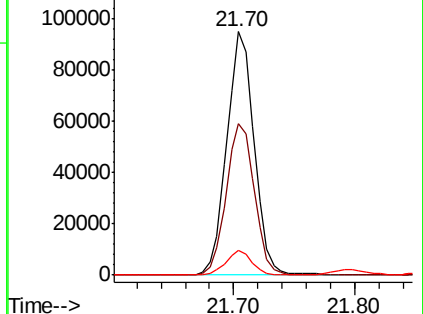
126 10.2 8.0 12.0



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: 46.264 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampleId :

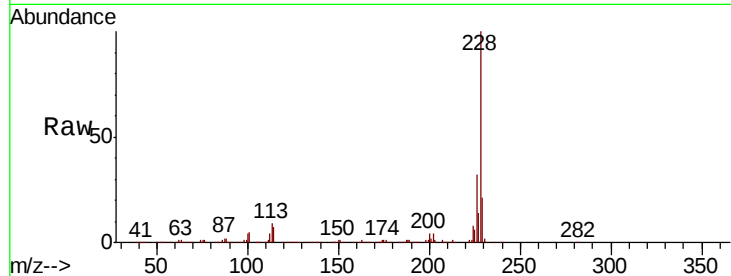
Tot Ion:228 Resp: 898235

Ion Ratio Lower Upper

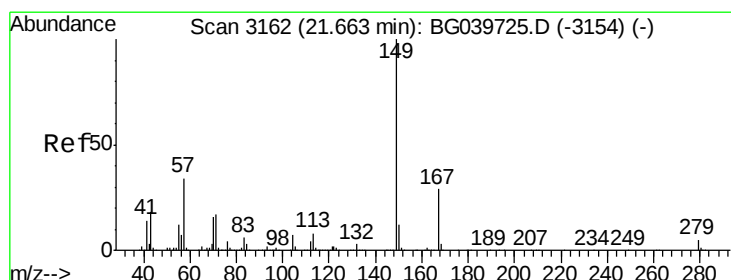
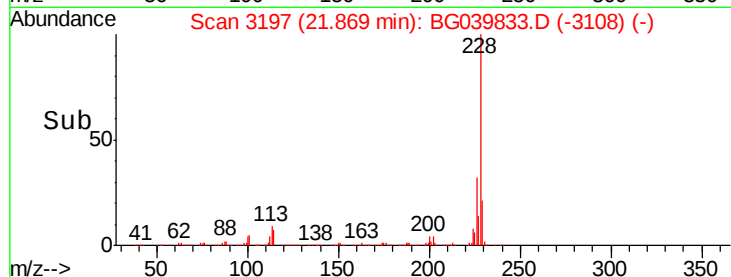
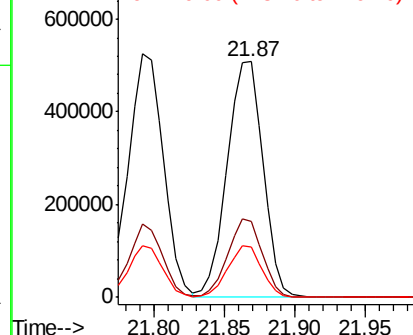
228 100

226 32.2 25.8 38.6

229 21.2 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: 50.833 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

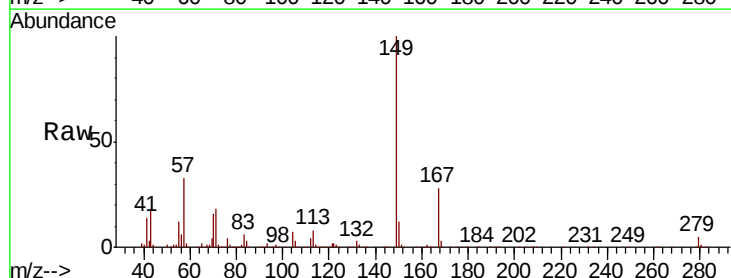
Tgt Ion:149 Resp: 574647

Ion Ratio Lower Upper

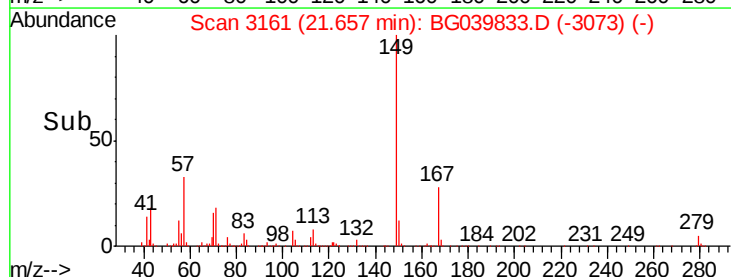
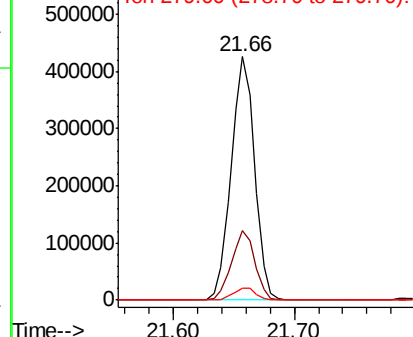
149 100

167 28.4 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

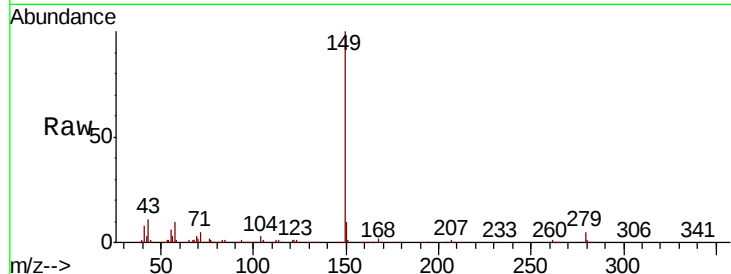




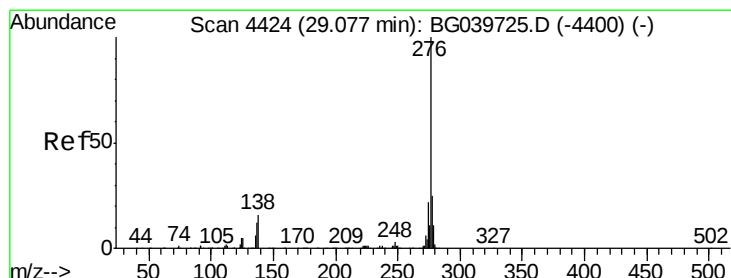
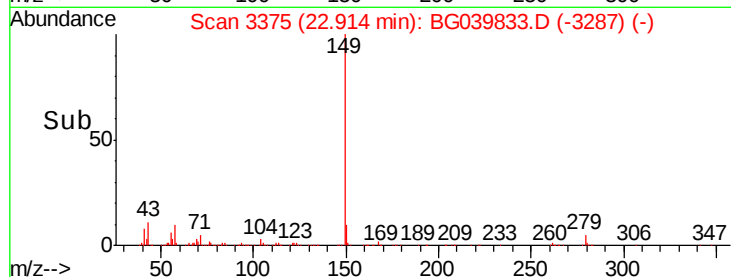
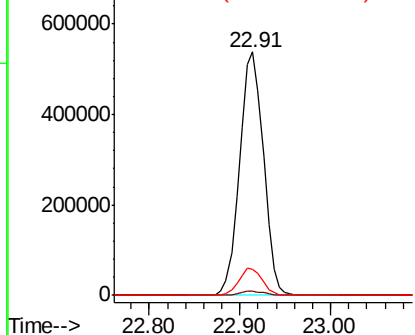
#85
Di-n-octyl phthalate
Concen: 52.449 ng
RT: 22.91 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 981731
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.9 10.2 15.4

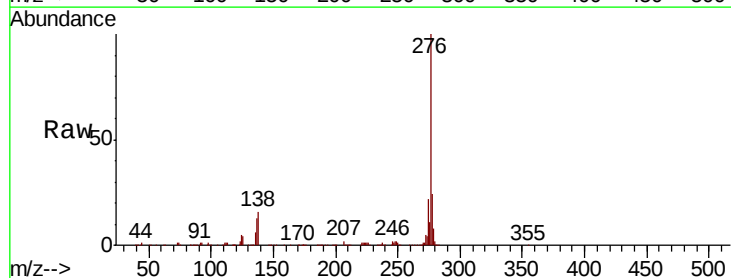


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

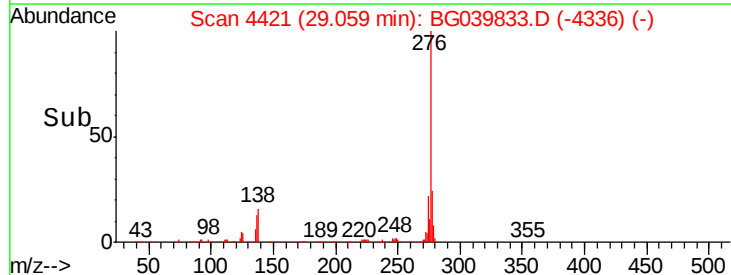
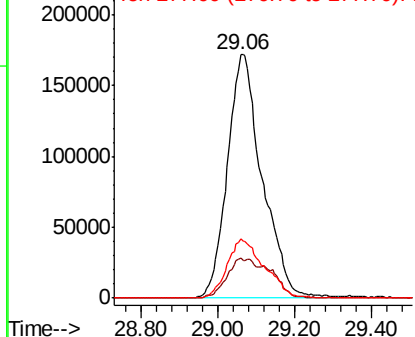


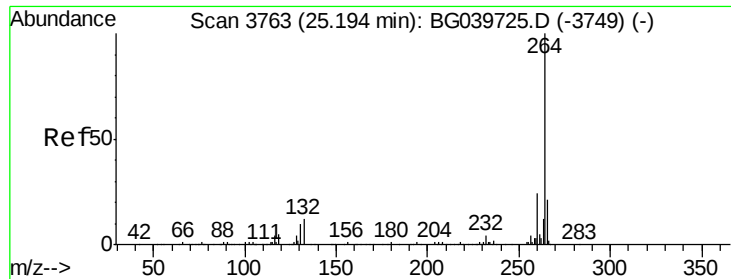
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.241 ng
RT: 29.06 min Scan# 4421
Delta R.T. -0.03 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion:276 Resp: 1084571
Ion Ratio Lower Upper
276 100
138 8.7 12.6 19.0#
277 25.8 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: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

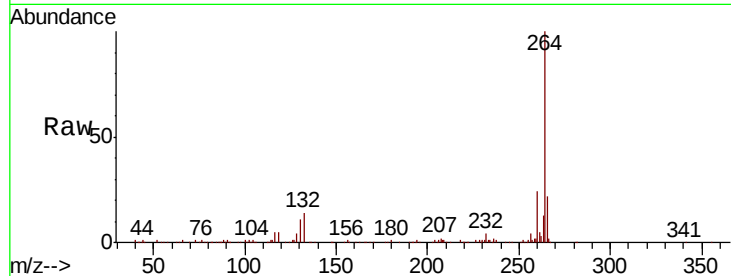
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 335485

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.3	18.5	27.7

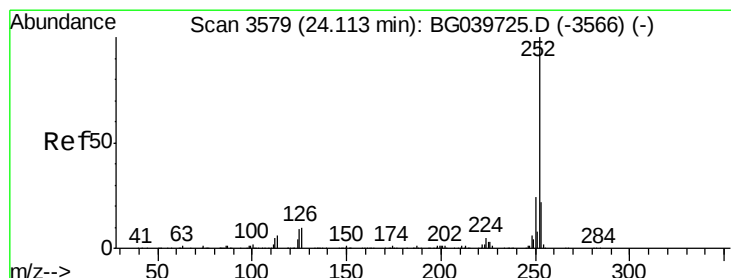
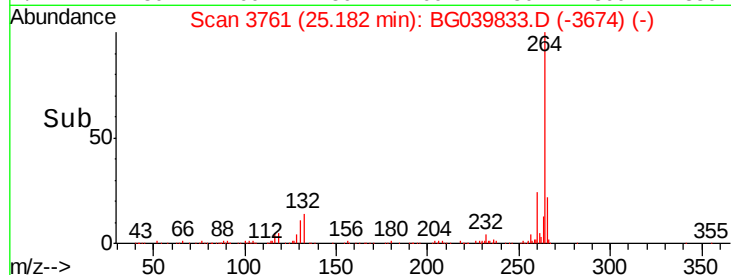
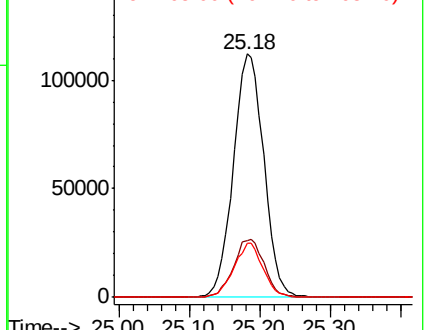


Abundance

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: 47.626 ng

RT: 24.11 min Scan# 3578

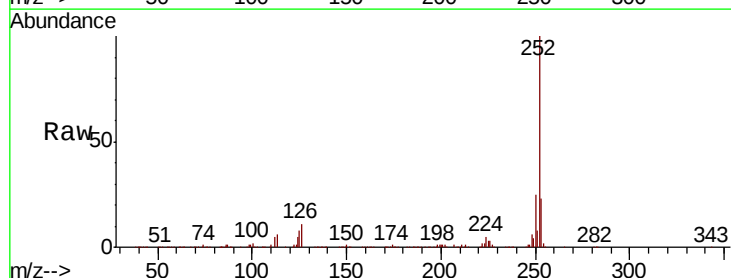
Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Tgt Ion:252 Resp: 952795

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	8.2	7.8	11.6

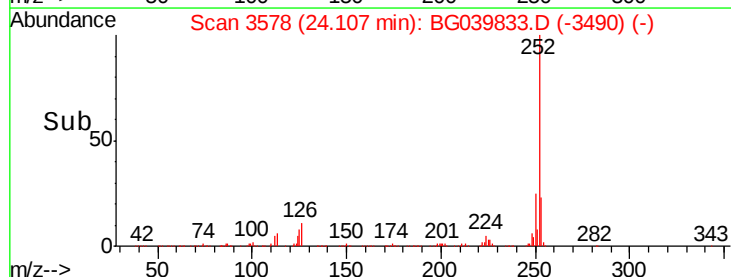
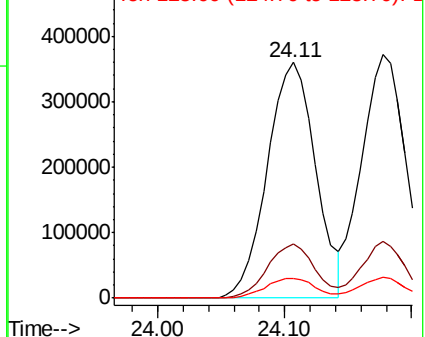


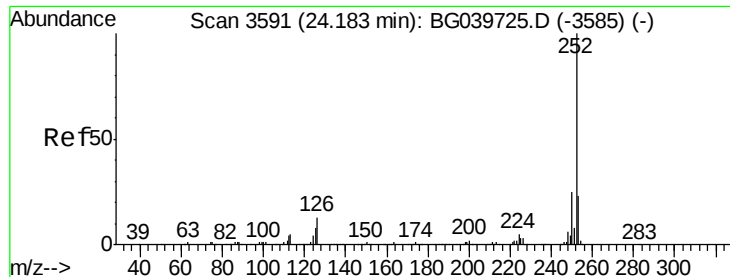
Abundance

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: 48.306 ng

RT: 24.18 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

Instrument :

BNA_G

ClientSampleId :

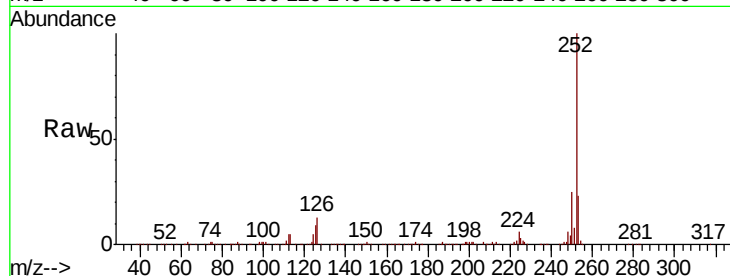
Tot Ion:252 Resp: 899562

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

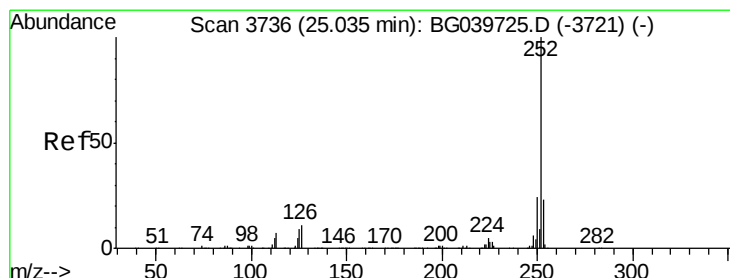
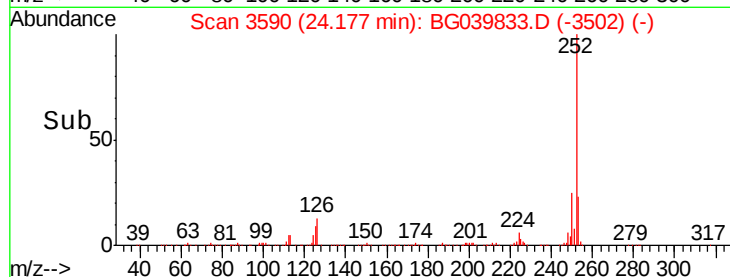
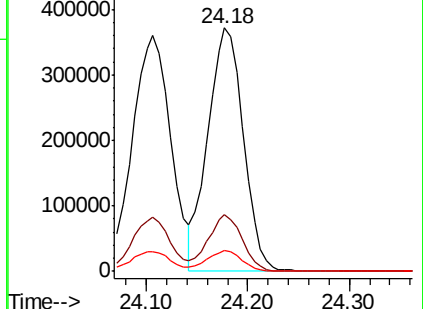
125 8.5 7.4 11.2



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: 49.509 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG039833.D

Acq: 8 Mar 2019 22:50

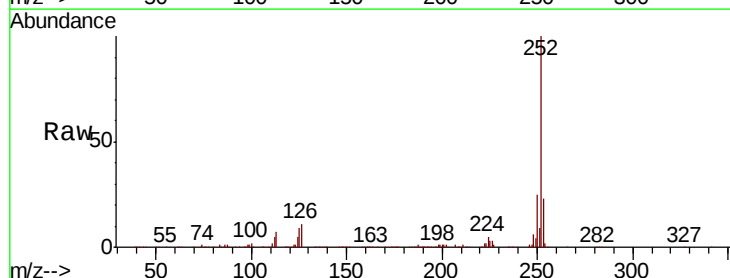
Tgt Ion:252 Resp: 915240

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

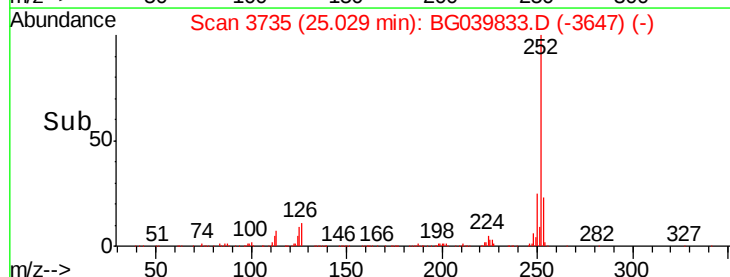
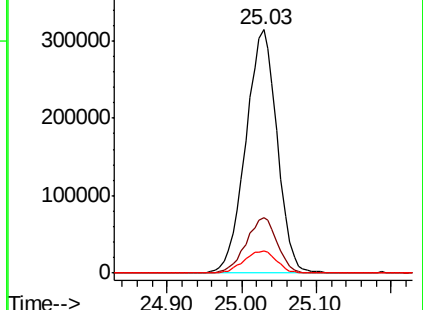
125 8.9 8.3 12.5

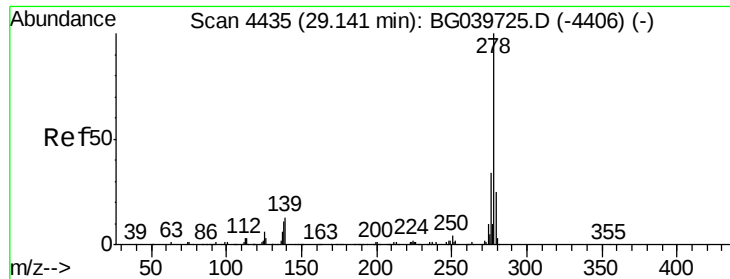


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

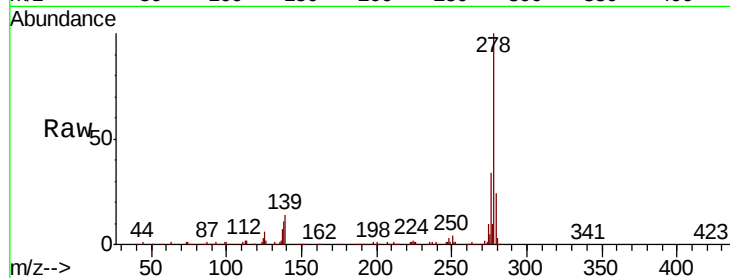




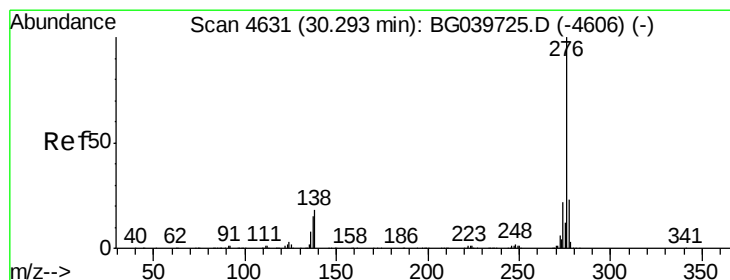
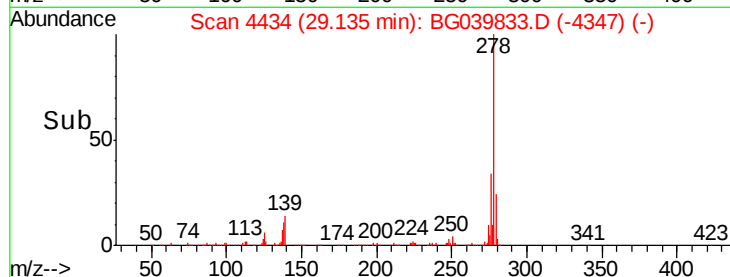
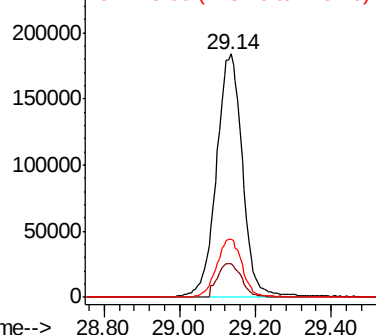
#91
Dibenzo(a,h)anthracene
Concen: 48.622 ng
RT: 29.14 min Scan# 4434
Delta R.T. -0.02 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 881194
Ion Ratio Lower Upper
278 100
139 13.9 11.7 17.5
279 23.9 19.1 28.7

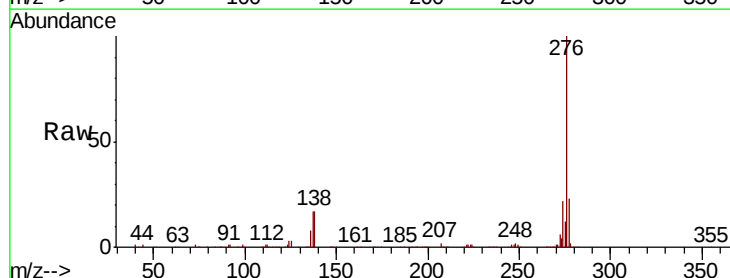


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.355 ng
RT: 30.29 min Scan# 4631
Delta R.T. -0.02 min
Lab File: BG039833.D
Acq: 8 Mar 2019 22:50

Tgt Ion:276 Resp: 880130
Ion Ratio Lower Upper
276 100
277 23.3 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

