

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030419\
 Data File : BG039760.D
 Acq On : 5 Mar 2019 10:50
 Operator : JU/SJ
 Sample : K1688-02MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 05 12:25:34 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	8.16	152	45608	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	200286	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	142960	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	345632	20.00	ng	0.00
76) Chrysene-d12	21.82	240	345332	20.00	ng	-0.01
87) Perylene-d12	25.18	264	364897	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	398786	149.17	ng	0.00
7) Phenol-d6	7.31	99	542140	136.01	ng	0.00
23) Nitrobenzene-d5	9.34	82	376445	101.65	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	262762	157.69	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	897640	89.40	ng	-0.01
79) Terphenyl-d14	20.12	244	1518230	96.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	42120	34.127	ng	# 15
3) Pyridine	4.01	79	107768	32.615	ng	99
4) n-Nitrosodimethylamine	3.92	42	65675	41.898	ng	# 93
6) Aniline	7.48	93	72719	13.924	ng	95
8) 2-Chlorophenol	7.72	128	141491	43.626	ng	98
9) Benzaldehyde	7.30	77	92425	35.945	ng	97
10) Phenol	7.33	94	173297	40.131	ng	99
11) bis(2-Chloroethyl)ether	7.57	93	142024	42.183	ng	98
12) 1,3-Dichlorobenzene	8.04	146	151030	41.174	ng	97
13) 1,4-Dichlorobenzene	8.20	146	152308	40.764	ng	97
14) 1,2-Dichlorobenzene	8.51	146	146510	40.585	ng	100
15) Benzyl Alcohol	8.40	79	144739	45.774	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	281591	41.818	ng	99
17) 2-Methylphenol	8.59	107	128451	46.650	ng	97
18) Hexachloroethane	9.24	117	54035	40.306	ng	98
19) n-Nitroso-di-n-propylamine	8.96	70	121846	42.468	ng	97
20) 3+4-Methylphenols	8.92	107	176704	46.194	ng	97
22) Acetophenone	8.99	105	225789	42.002	ng	# 95
24) Nitrobenzene	9.38	77	177519	45.694	ng	96
25) Isophorone	9.89	82	355135	45.768	ng	97
26) 2-Nitrophenol	10.09	139	85010	45.321	ng	96
27) 2,4-Dimethylphenol	10.13	122	157252	53.904	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	209663	44.463	ng	100
29) 2,4-Dichlorophenol	10.62	162	168069	51.170	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	160001	43.291	ng	98
31) Naphthalene	11.03	128	470481	44.367	ng	100
32) Benzoic acid	10.21	122	8130	10.099	ng	90
33) 4-Chloroaniline	11.15	127	10500	2.335	ng	96
34) Hexachlorobutadiene	11.29	225	103486	40.975	ng	98
35) Caprolactam	11.93	113	23111	18.420	ng	98
36) 4-Chloro-3-methylphenol	12.24	107	187000	49.666	ng	98
37) 2-Methylnaphthalene	12.62	142	361288	45.571	ng	98
38) 1-Methylnaphthalene	12.84	142	348602	45.246	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	203247	41.966	ng	99

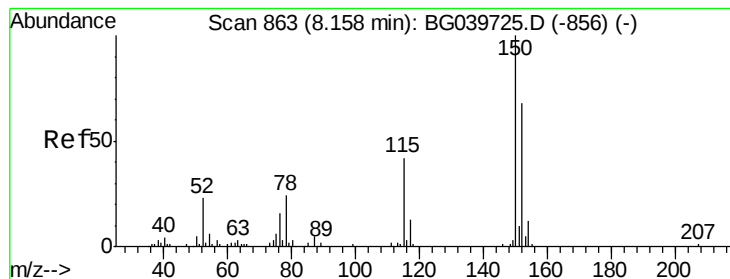
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	230557	88.831	nq	99
43) 2,4,6-Trichlorophenol	13.22	196	140695	49.620	nq	100
44) 2,4,5-Trichlorophenol	13.29	196	153866	48.143	nq	98
46) 1,1'-Biphenyl	13.62	154	498803	42.421	nq	99
47) 2-Chloronaphthalene	13.67	162	382884	43.285	nq	97
48) 2-Nitroaniline	13.88	65	138860	48.848	nq	96
49) Acenaphthylene	14.51	152	623047	42.906	nq	99
50) Dimethylphthalate	14.23	163	535953	44.834	nq	100
51) 2,6-Dinitrotoluene	14.36	165	117121	46.216	nq	100
52) Acenaphthene	14.85	154	383721	43.905	nq	99
53) 3-Nitroaniline	14.69	138	19866	7.798	nq	# 90
54) 2,4-Dinitrophenol	14.90	184	44728	31.404	nq	95
55) Dibenzofuran	15.18	168	626526	43.693	nq	97
56) 4-Nitrophenol	14.99	139	182074	79.897	nq	89
57) 2,4-Dinitrotoluene	15.14	165	166894	46.869	nq	# 91
58) Fluorene	15.83	166	497960	44.174	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	152915	48.990	nq	98
60) Diethylphthalate	15.58	149	541281	45.740	nq	97
61) 4-Chlorophenyl-phenylether	15.81	204	263043	43.728	nq	96
62) 4-Nitroaniline	15.86	138	117228	42.448	nq	95
63) Azobenzene	16.11	77	487648	45.460	nq	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	48798	23.878	nq	96
66) n-Nitrosodiphenylamine	16.03	169	464042	46.376	nq	99
67) 4-Bromophenyl-phenylether	16.71	248	175294	45.310	nq	98
68) Hexachlorobenzene	16.82	284	180975	45.128	nq	94
69) Atrazine	16.97	200	186218	47.287	nq	97
70) Pentachlorophenol	17.17	266	176577	69.719	nq	98
71) Phenanthrene	17.57	178	842509	44.254	nq	98
72) Anthracene	17.66	178	857481	46.220	nq	98
73) Carbazole	17.94	167	757657	45.301	nq	99
74) Di-n-butylphthalate	18.46	149	916078	46.553	nq	99
75) Fluoranthene	19.57	202	1002526	44.558	nq	99
77) Benzidine	19.75	184	108058	9.861	nq	100
78) Pyrene	19.93	202	1016320	45.291	nq	99
80) Butylbenzylphthalate	20.80	149	422428	48.590	nq	94
81) Benzo(a)anthracene	21.79	228	966462	44.655	nq	100
82) 3,3'-Dichlorobenzidine	21.71	252	81447	10.307	nq	96
83) Chrysene	21.87	228	919941	43.844	nq	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	593008	48.540	nq	99
85) Di-n-octyl phthalate	22.92	149	1016373	50.245	nq	96
86) Indeno(1,2,3-cd)pyrene	29.07	276	1143951	48.058	nq	# 95
88) Benzo(b)fluoranthene	24.11	252	988735	45.439	nq	99
89) Benzo(k)fluoranthene	24.19	252	956056	47.201	nq	98
90) Benzo(a)pyrene	25.03	252	959255	47.707	nq	99
91) Dibenzo(a,h)anthracene	29.14	278	921472	46.747	nq	98
92) Benzo(g,h,i)perylene	30.30	276	952705	48.123	nq	97

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

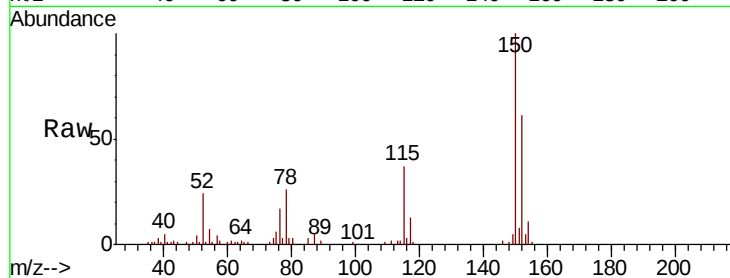


#1

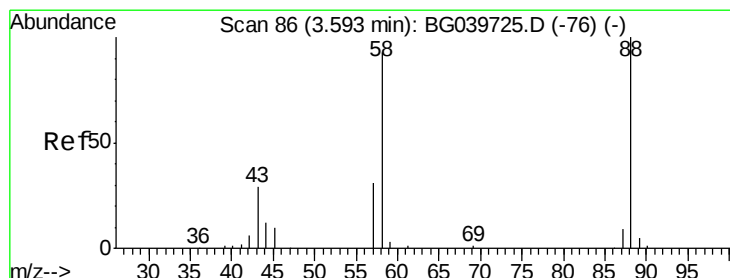
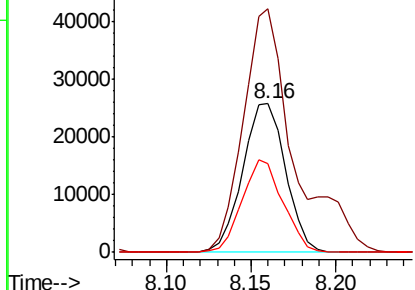
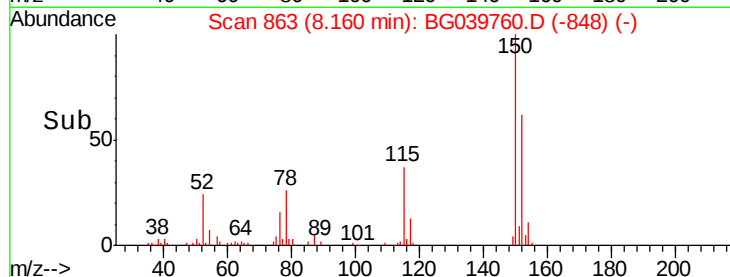
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 45608
Ion Ratio Lower Upper
152 100
150 164.0 123.7 185.5
115 59.9 45.9 68.9



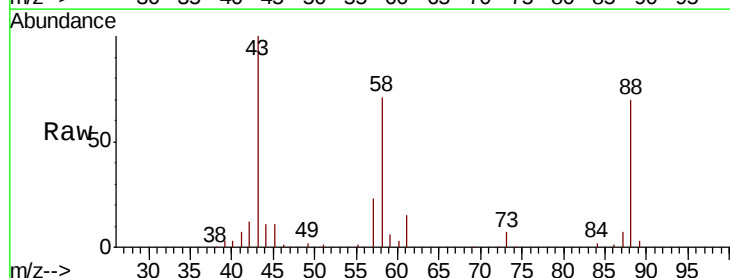
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



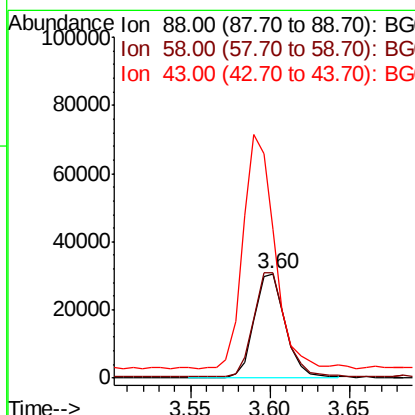
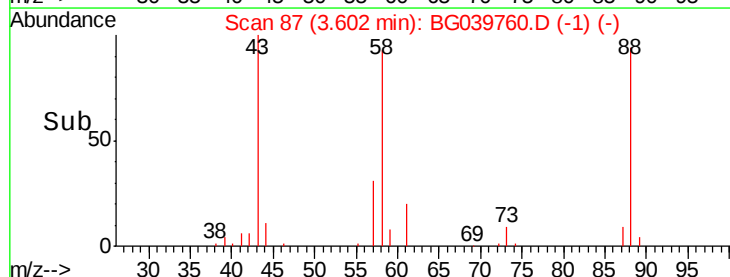
#2

1,4-Dioxane
Concen: 34.127 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion: 88 Resp: 42120
Ion Ratio Lower Upper
88 100
58 99.8 81.1 121.7
43 222.6 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: 32.615 ng

RT: 4.01 min Scan# 156

Delta R.T. 0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

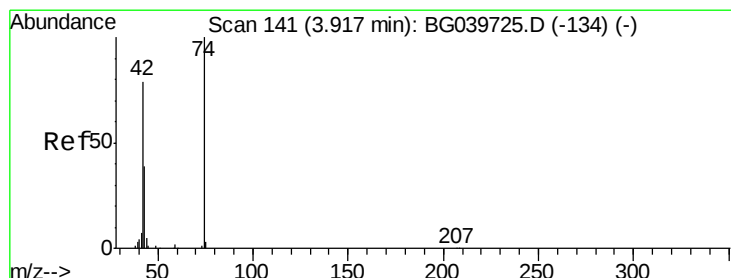
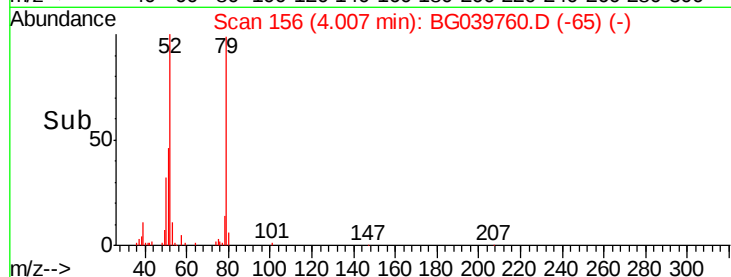
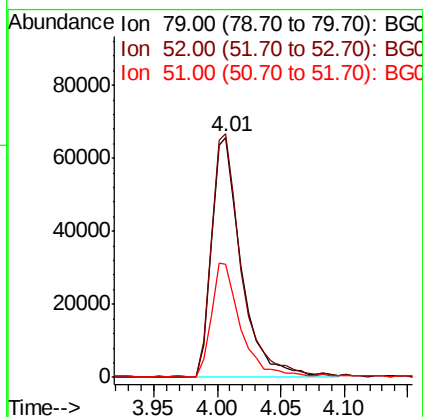
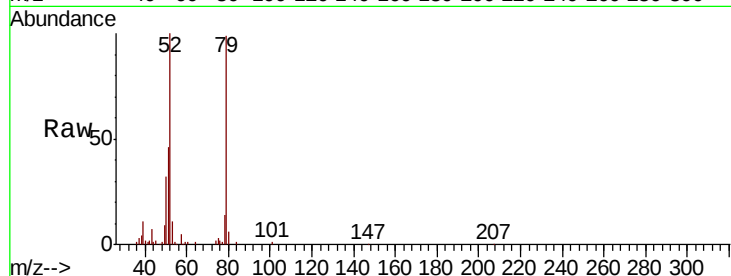
Tot Ion: 79 Resp: 107768

Ion Ratio Lower Upper

79 100

52 101.5 82.6 124.0

51 47.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.898 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

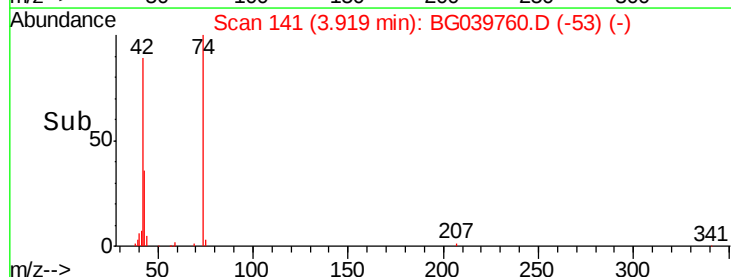
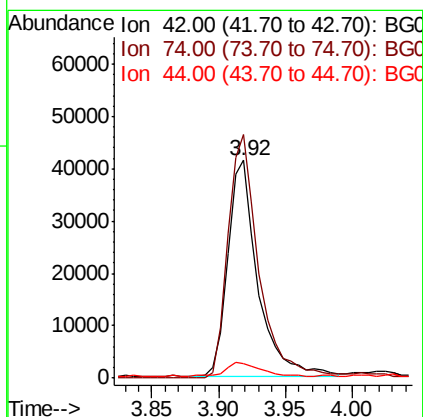
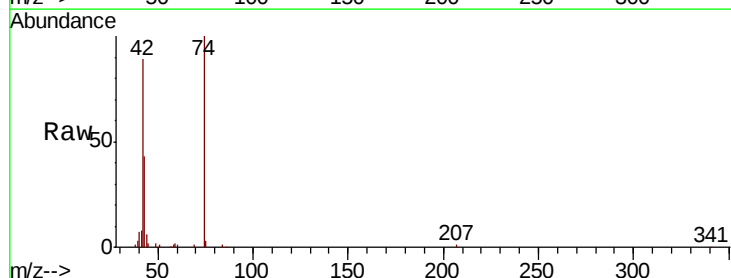
Tgt Ion: 42 Resp: 65675

Ion Ratio Lower Upper

42 100

74 111.8 83.6 125.4

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 149.170 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

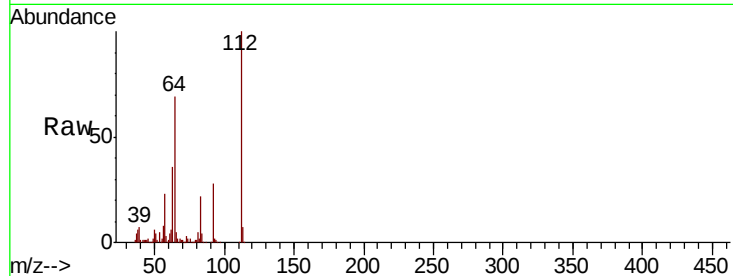
Tot Ion:112 Resp: 398786

Ion Ratio Lower Upper

112 100

64 69.1 57.8 86.8

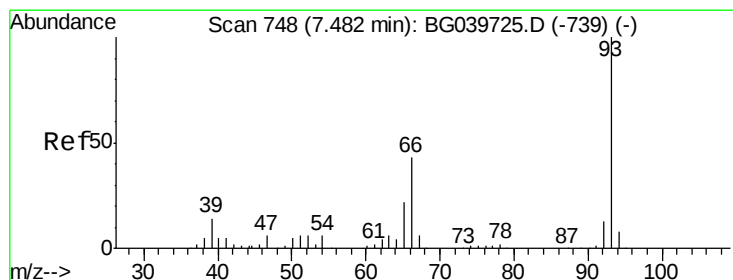
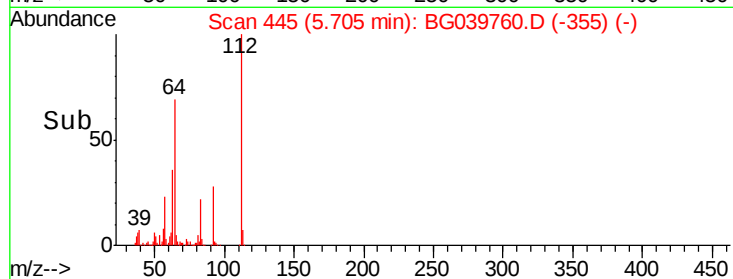
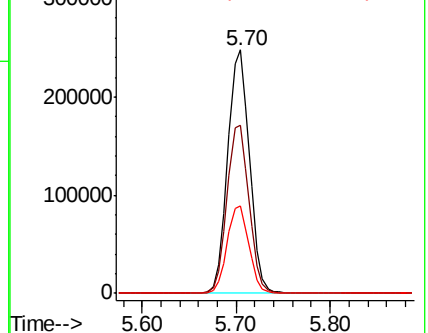
63 35.9 29.8 44.6



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: 13.924 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

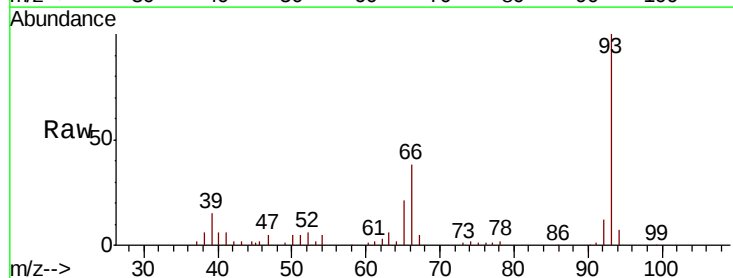
Tgt Ion: 93 Resp: 72719

Ion Ratio Lower Upper

93 100

66 38.4 34.2 51.4

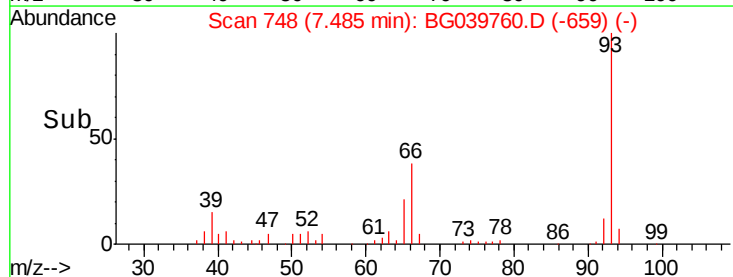
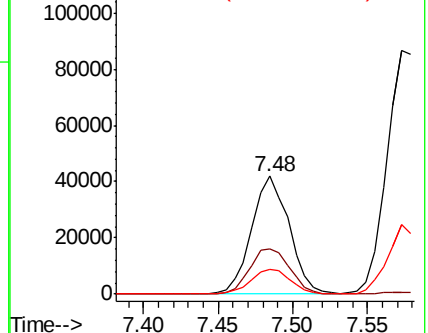
65 21.0 17.7 26.5



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: 136.006 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampled :

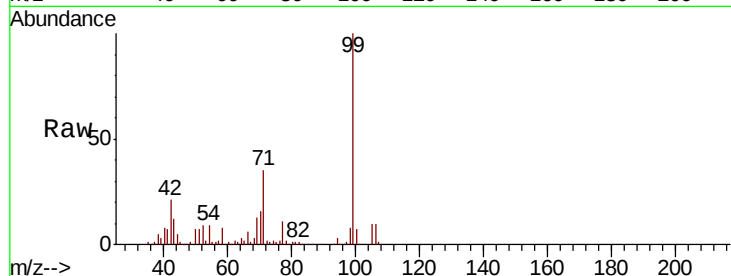
Tot Ion: 99 Resp: 542140

Ion Ratio Lower Upper

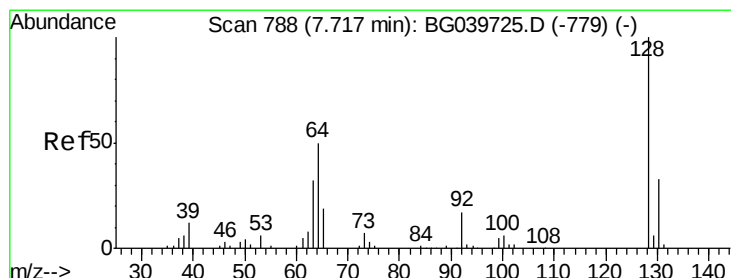
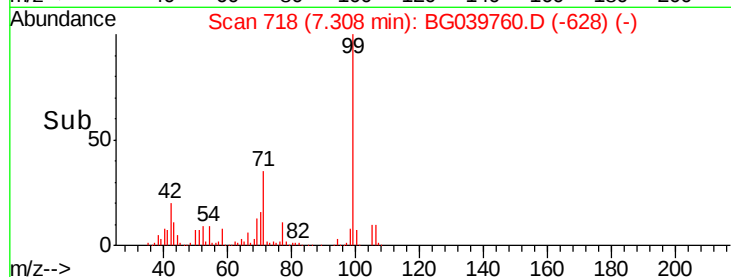
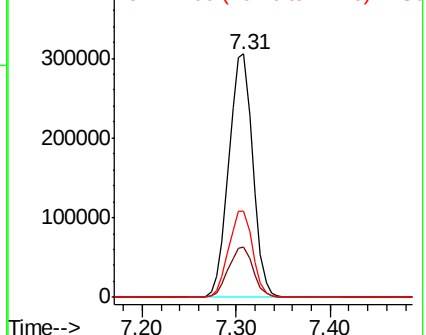
99 100

42 20.6 18.2 27.2

71 35.4 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: 43.626 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

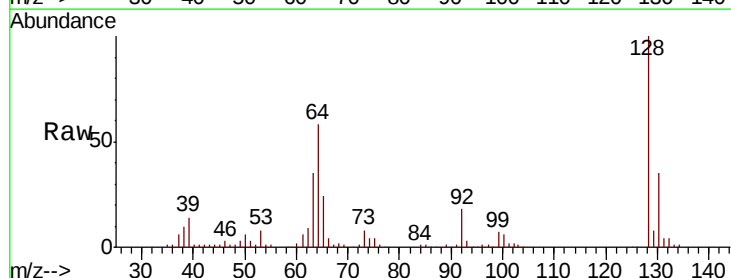
Tgt Ion:128 Resp: 141491

Ion Ratio Lower Upper

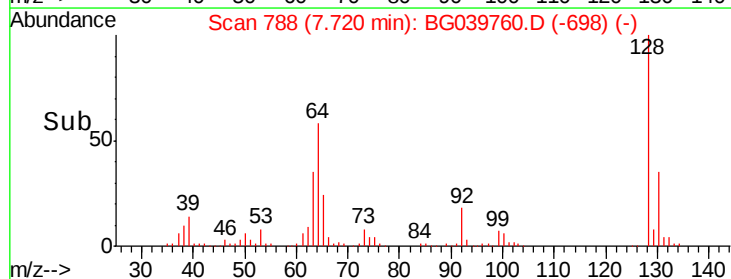
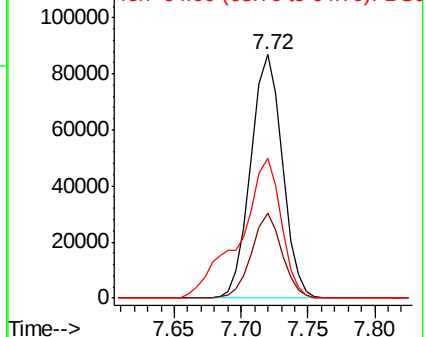
128 100

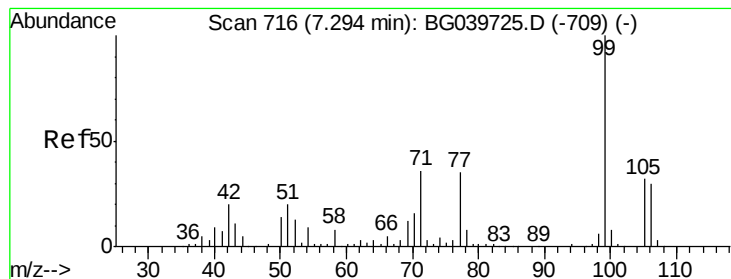
130 34.8 12.9 52.9

64 57.6 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: 35.945 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

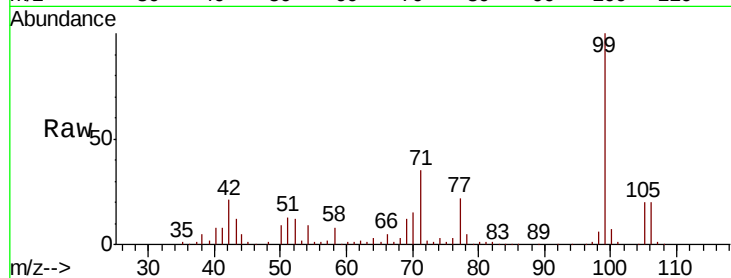
Tot Ion: 77 Resp: 92425

Ion Ratio Lower Upper

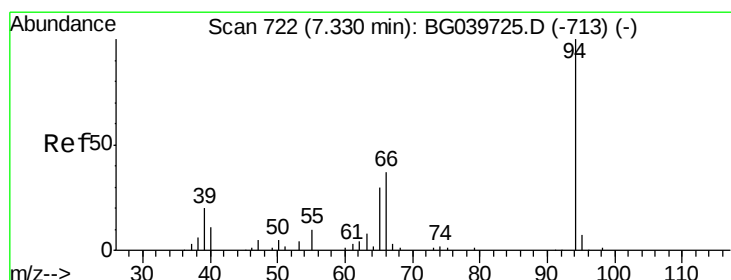
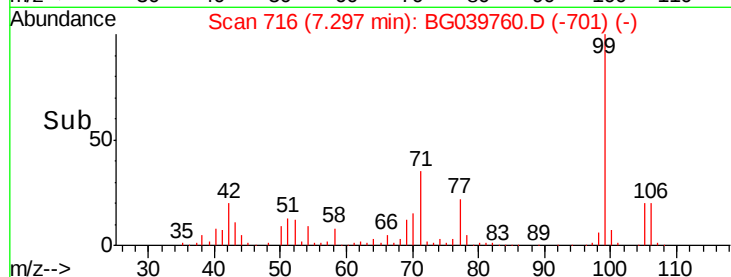
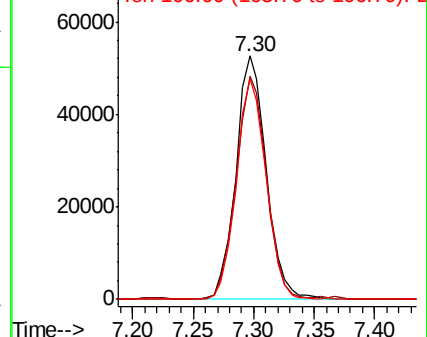
77 100

105 91.7 74.5 114.5

106 90.7 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: 40.131 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

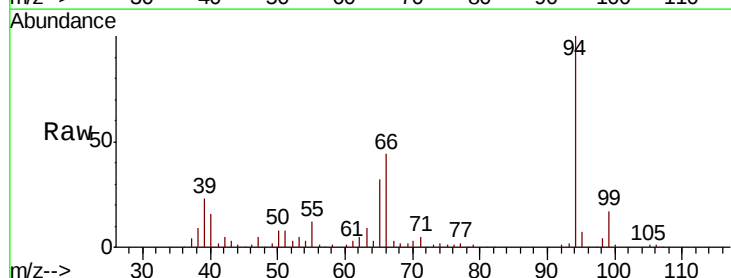
Tgt Ion: 94 Resp: 173297

Ion Ratio Lower Upper

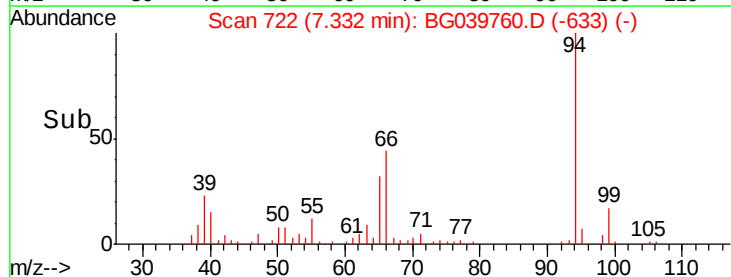
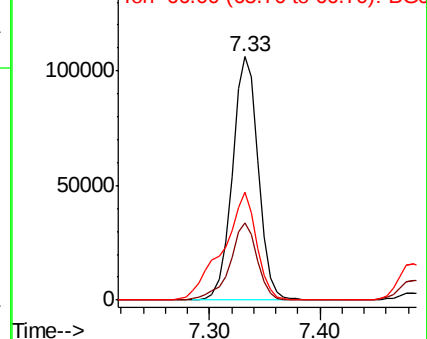
94 100

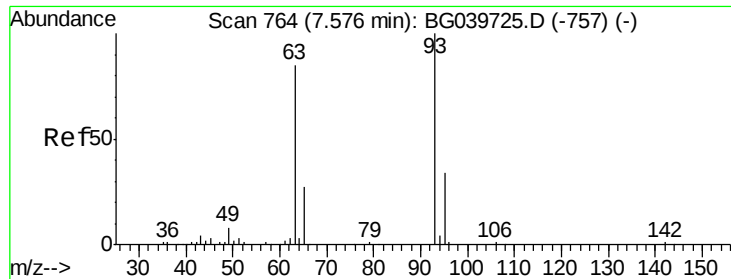
65 31.9 11.7 51.7

66 44.3 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

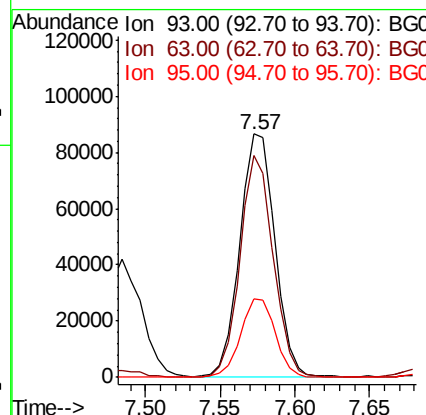
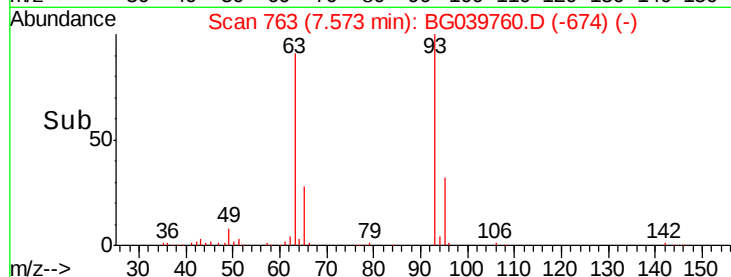
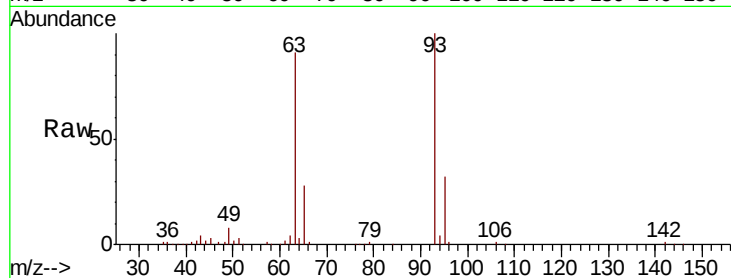




#11
 bis(2-Chloroethyl)ether
 Concen: 42.183 ng
 RT: 7.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

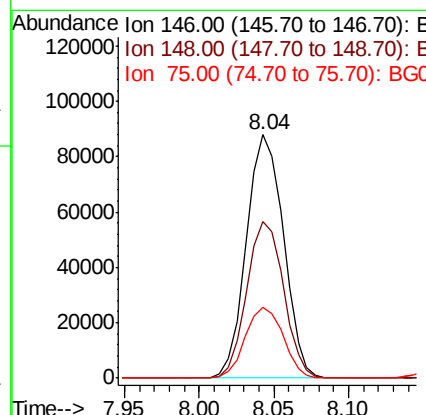
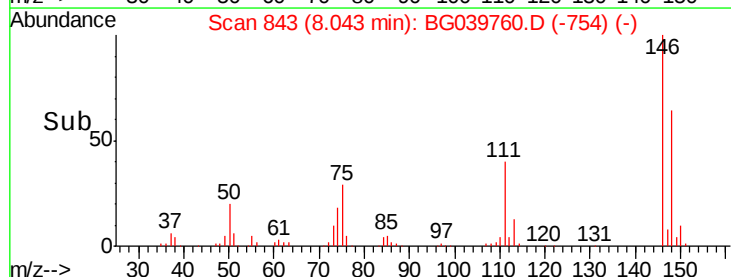
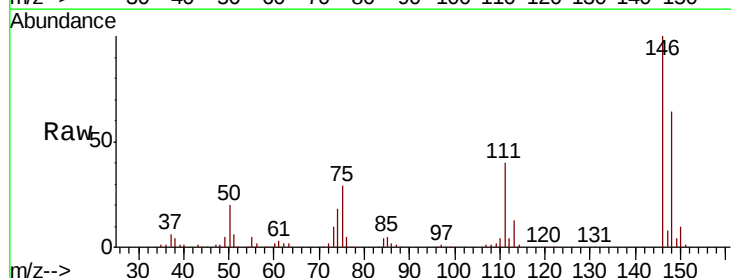
Instrument :
 BNA_G
 ClientSampled :

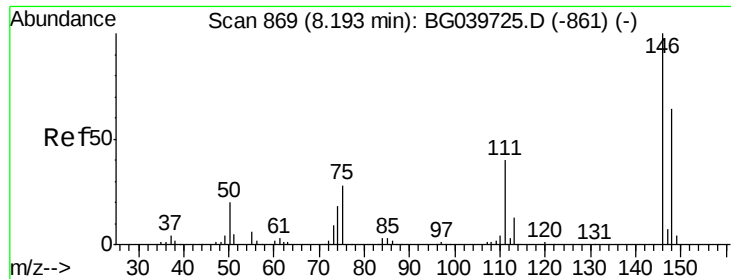
Tot Ion: 93 Resp: 142024
 Ion Ratio Lower Upper
 93 100
 63 91.2 69.5 109.5
 95 32.1 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 41.174 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion: 146 Resp: 151030
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.6 79.0
 75 29.2 25.8 38.6

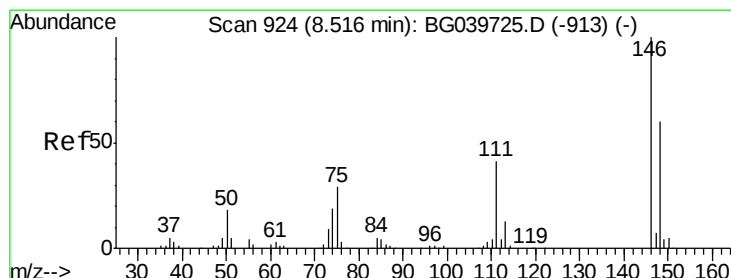
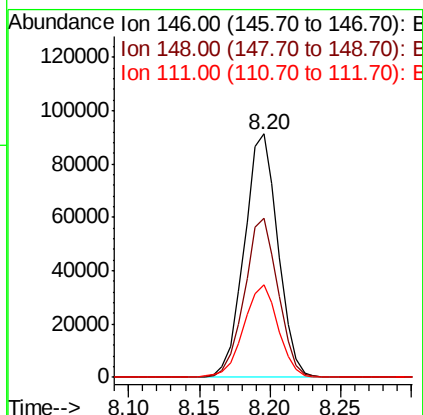
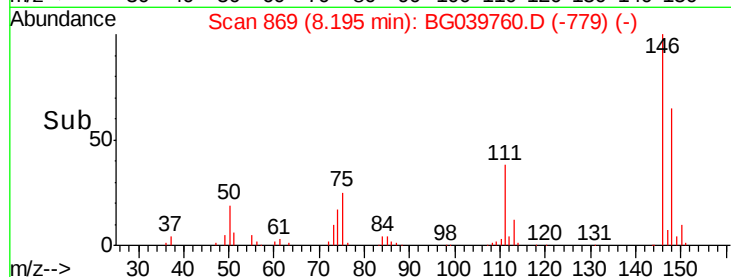
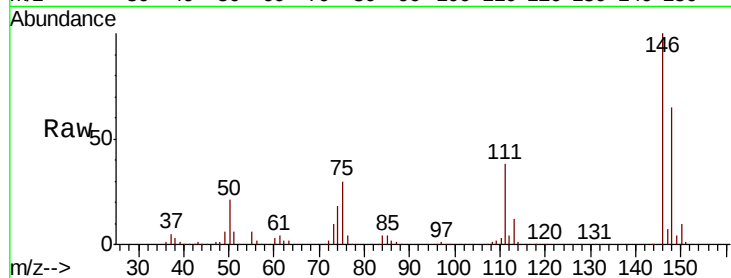




#13
 1,4-Dichlorobenzene
 Concen: 40.764 ng
 RT: 8.20 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

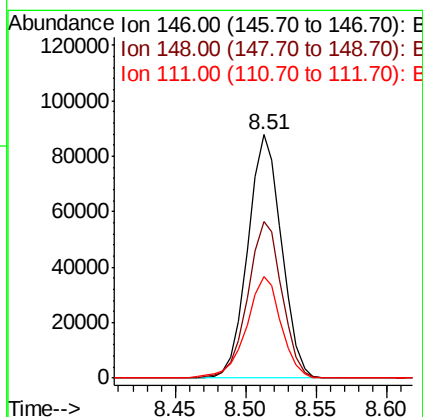
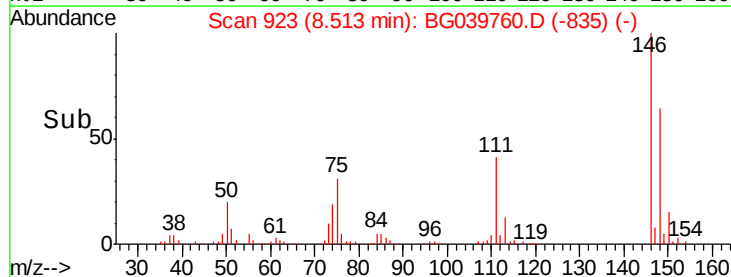
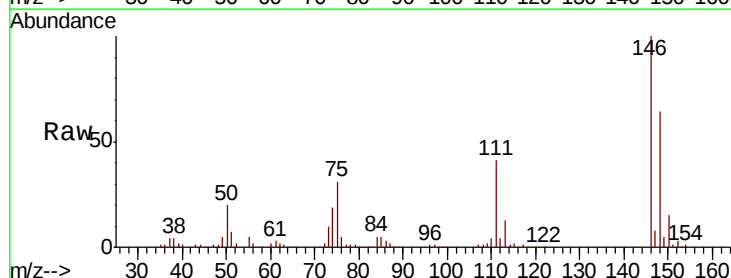
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 152308
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.1 76.7
 111 38.0 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 40.585 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion:146 Resp: 146510
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 41.5 33.8 50.6





#15

Benzyl Alcohol

Concen: 45.774 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

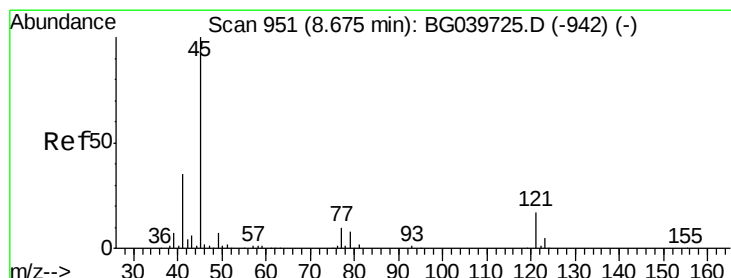
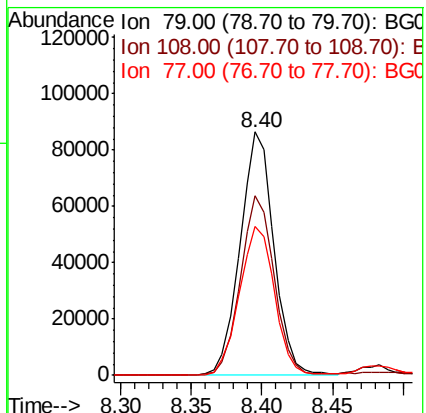
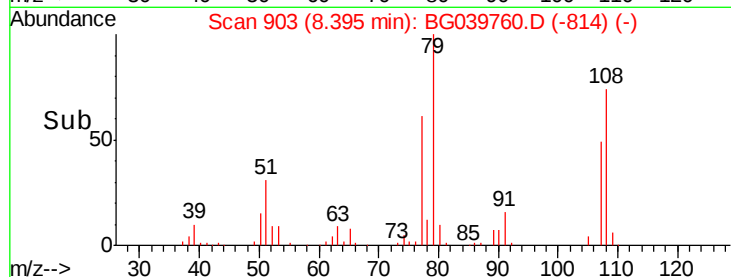
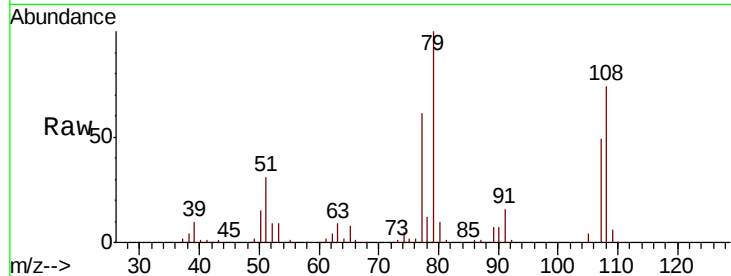
Tot Ion: 79 Resp: 144739

Ion Ratio Lower Upper

79 100

108 73.7 57.8 86.6

77 61.3 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.818 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

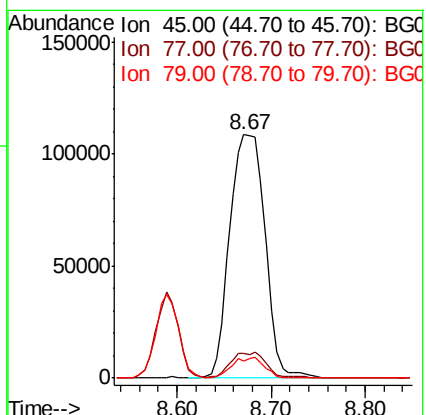
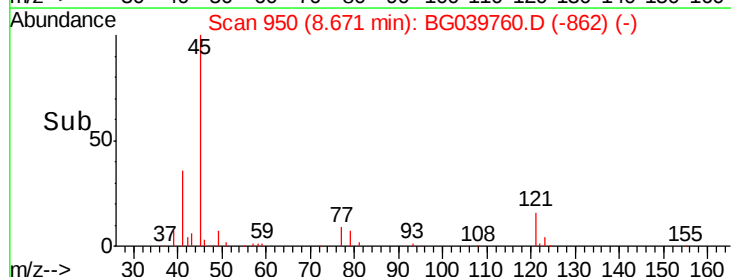
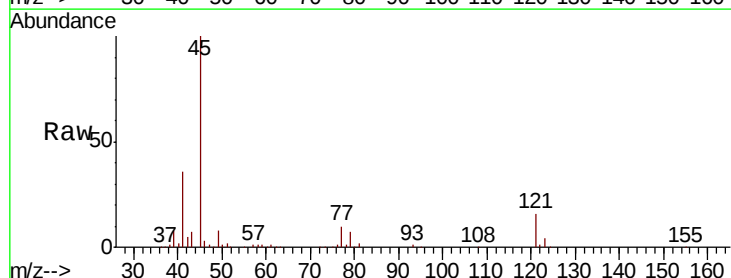
Tgt Ion: 45 Resp: 281591

Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.0

79 7.1 0.0 27.5

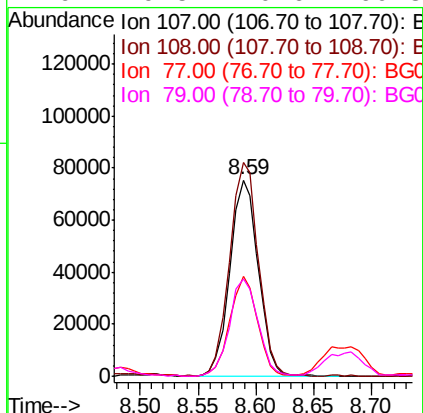
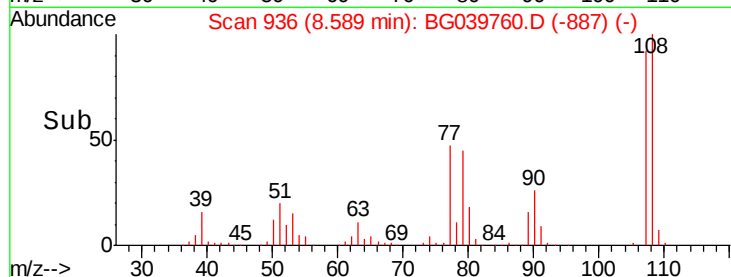
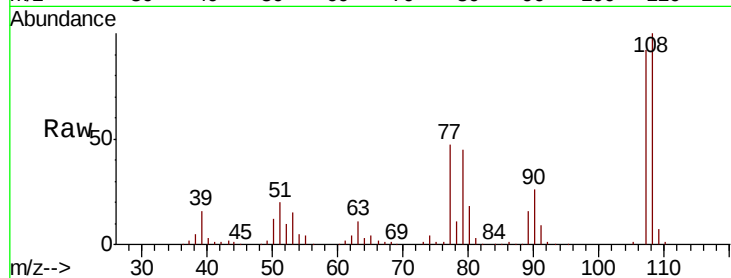




#17
2-Methylphenol
Concen: 46.650 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

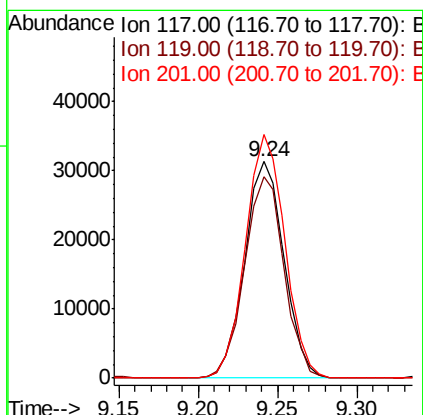
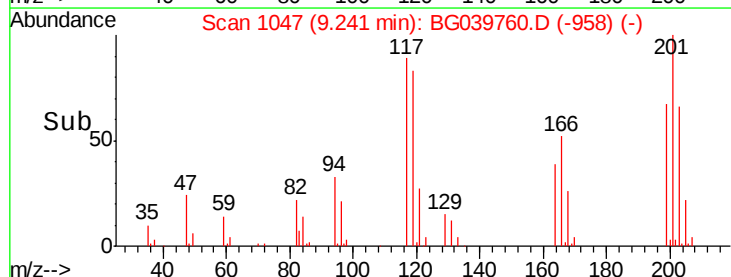
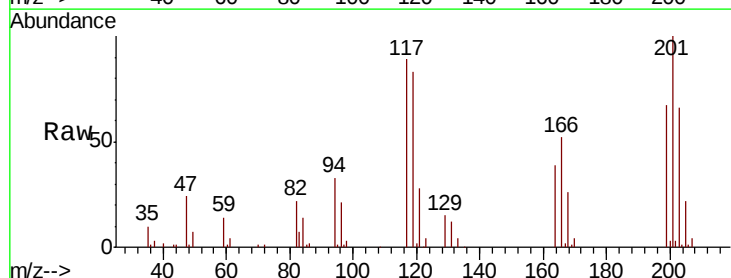
Instrument :
BNA_G
ClientSampleId :

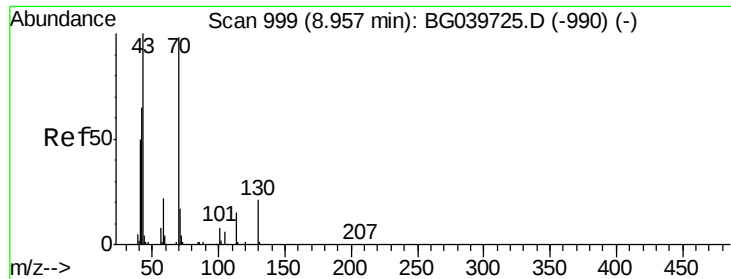
Tot Ion:	107	Resp:	128451
Ion	Ratio	Lower	Upper
107	100		
108	109.1	90.8	136.2
77	50.9	40.7	61.1
79	49.5	40.6	60.8



#18
Hexachloroethane
Concen: 40.306 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:	117	Resp:	54035
Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.3	114.5
201	112.5	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.468 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 121846

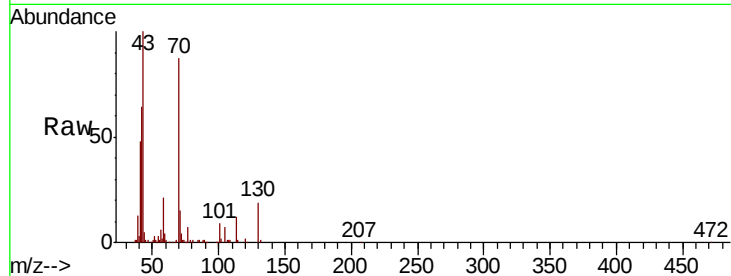
Ion Ratio Lower Upper

70 100

42 73.1 60.4 90.6

101 10.6 7.5 11.3

130 21.9 16.9 25.3

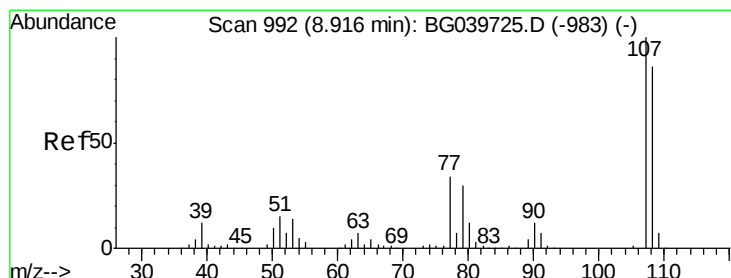
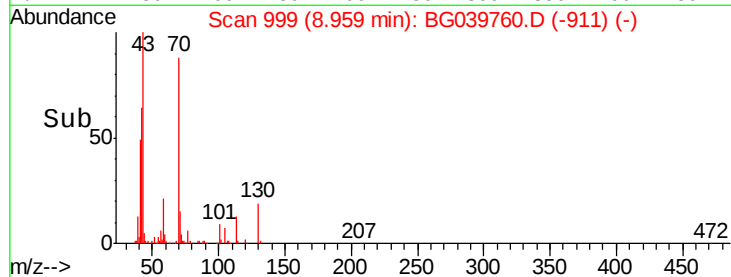
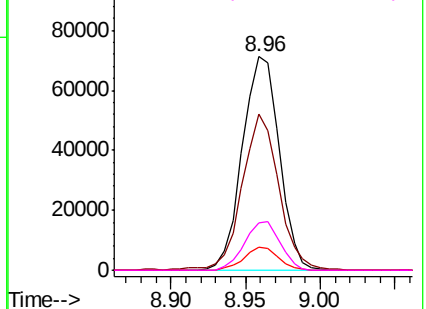


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 46.194 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Tgt Ion: 107 Resp: 176704

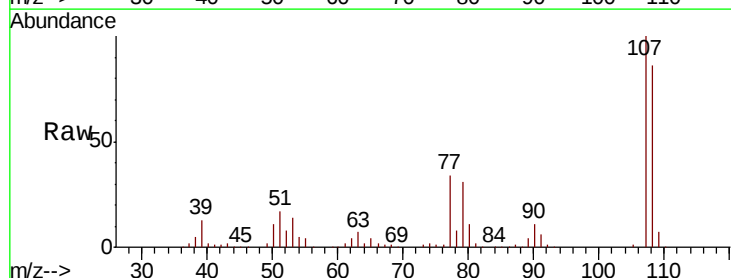
Ion Ratio Lower Upper

107 100

108 86.0 67.9 107.9

77 33.9 15.4 55.4

79 30.8 13.7 53.7

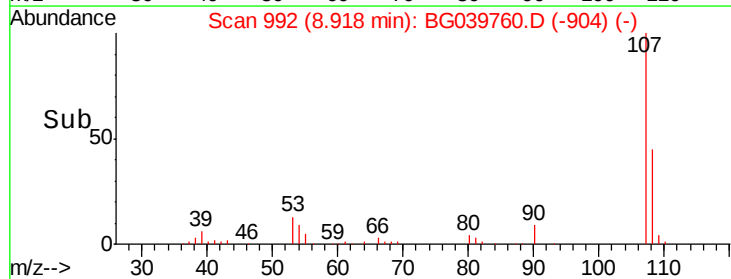
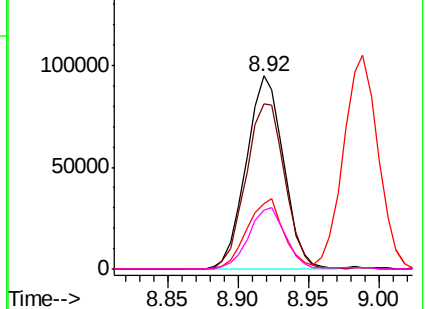


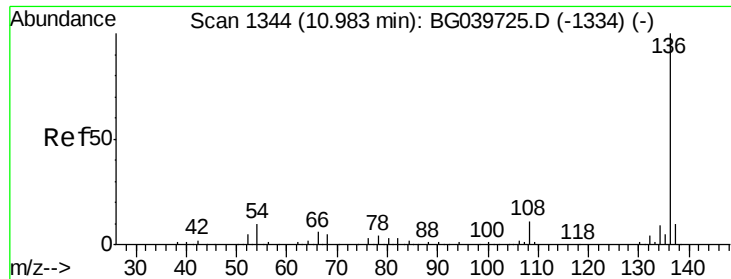
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

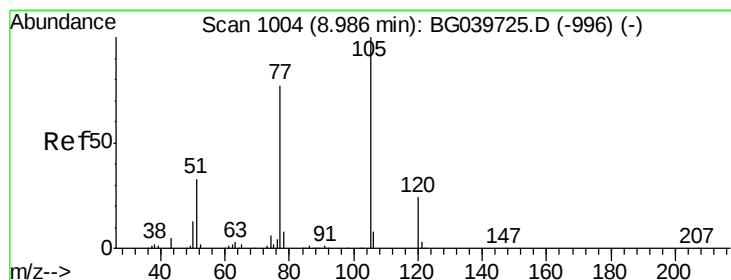
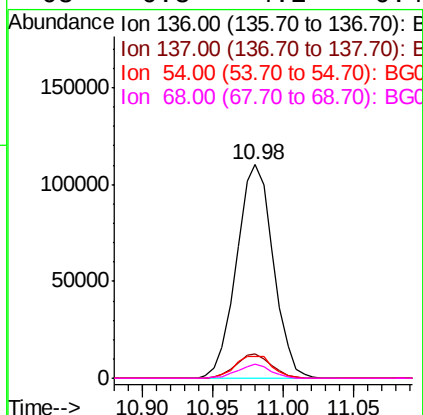
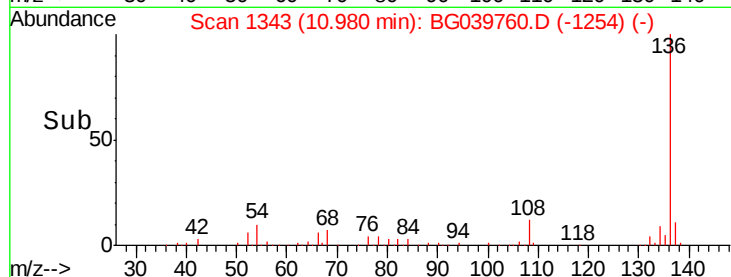
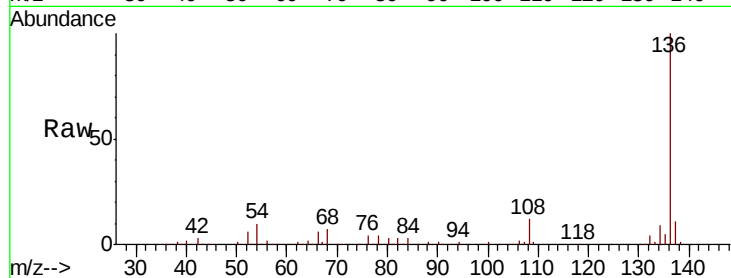




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

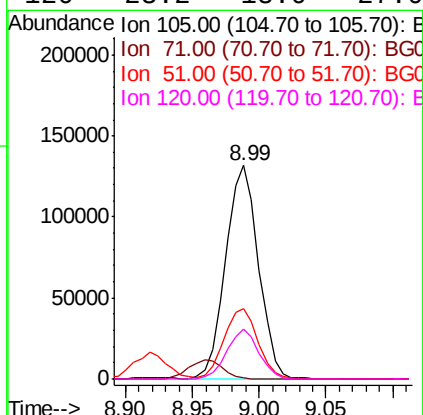
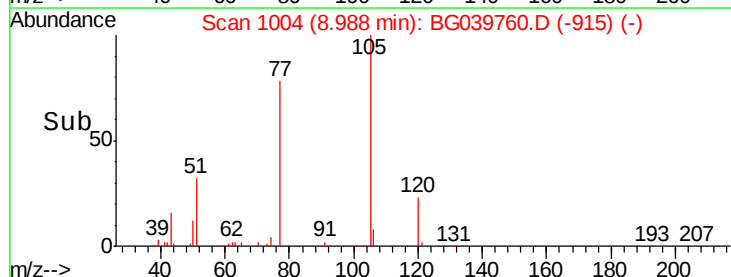
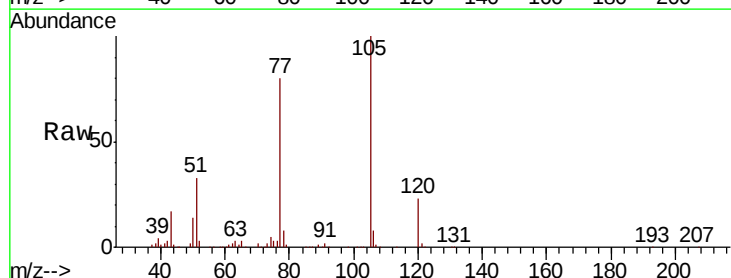
Instrument :
BNA_G
ClientSampleId :

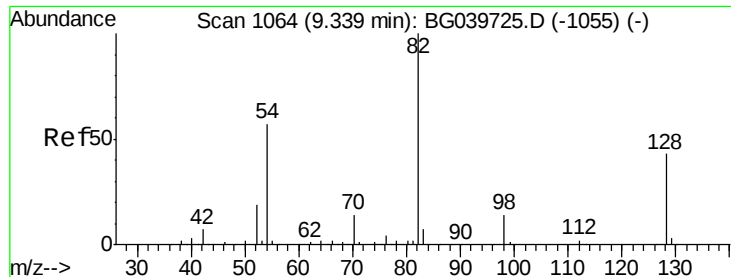
Tot Ion:136	Resp:	200286
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.1 13.7
54	10.3	9.4 14.2
68	6.8	4.2 6.4



#22
Acetophenone
Concen: 42.002 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:105	Resp:	225789
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.8 1.2
51	32.9	30.2 45.2
120	23.2	18.0 27.0

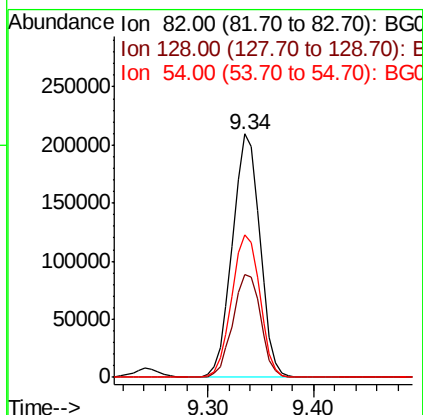
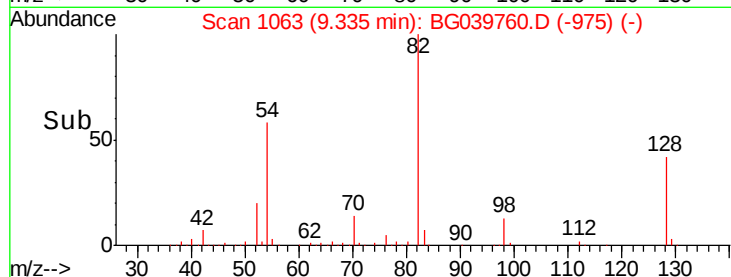
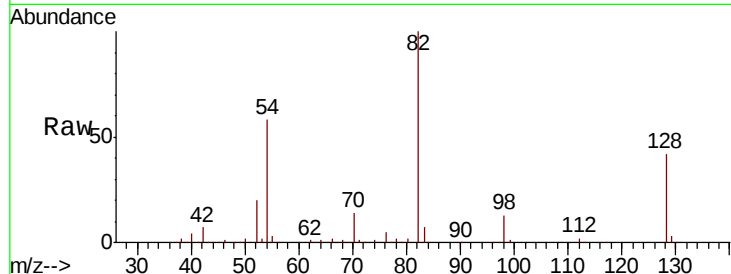




#23
Nitrobenzene-d5
Concen: 101.653 ng
RT: 9.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

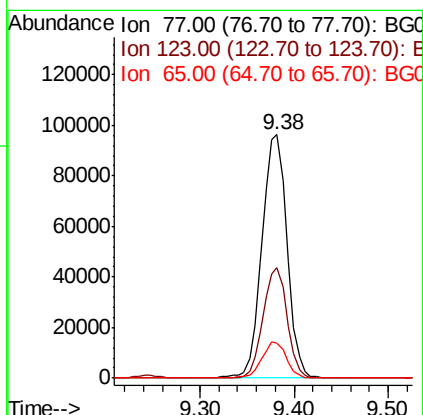
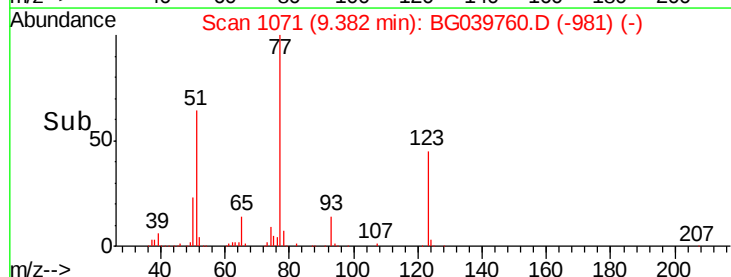
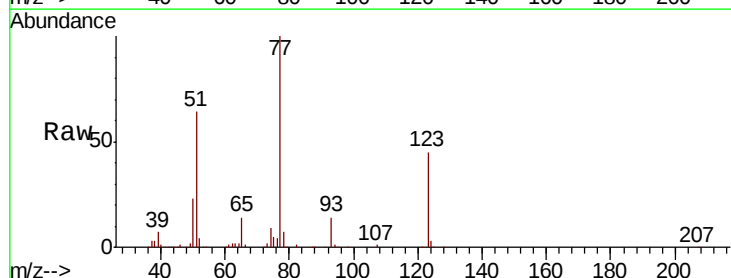
Instrument :
BNA_G
ClientSampled :

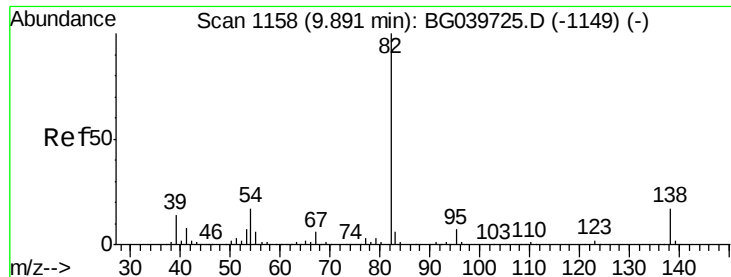
Tot Ion: 82 Resp: 376445
Ion Ratio Lower Upper
82 100
128 42.1 31.3 46.9
54 58.4 50.9 76.3



#24
Nitrobenzene
Concen: 45.694 ng
RT: 9.38 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion: 77 Resp: 177519
Ion Ratio Lower Upper
77 100
123 45.4 34.1 51.1
65 14.2 12.3 18.5

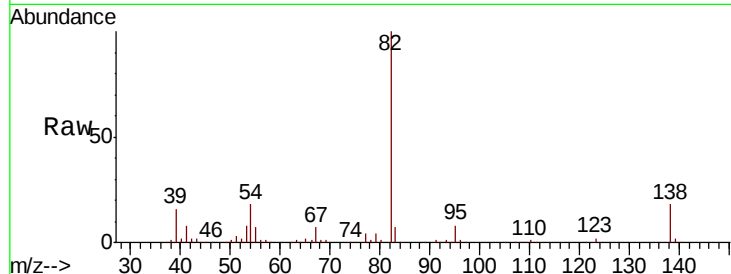




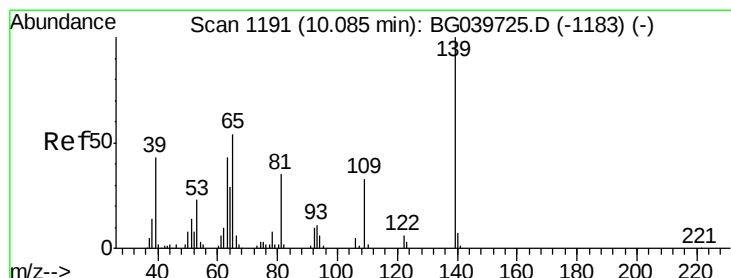
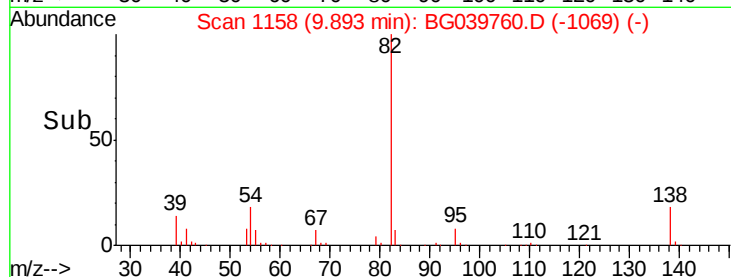
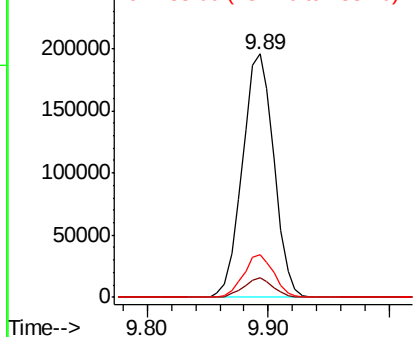
#25
Isophorone
Concen: 45.768 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 355135
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 17.8 13.0 19.4

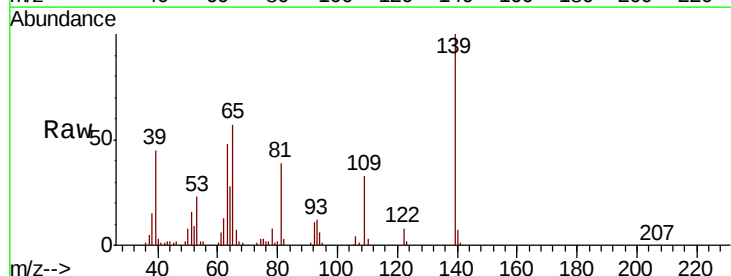


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

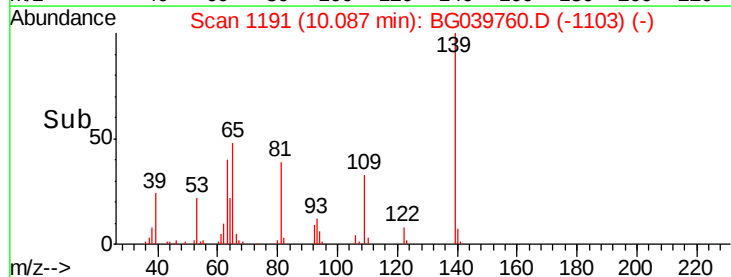
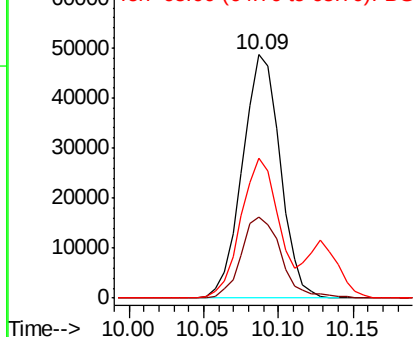


#26
2-Nitrophenol
Concen: 45.321 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion: 139 Resp: 85010
Ion Ratio Lower Upper
139 100
109 33.1 23.4 35.0
65 57.2 44.3 66.5



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

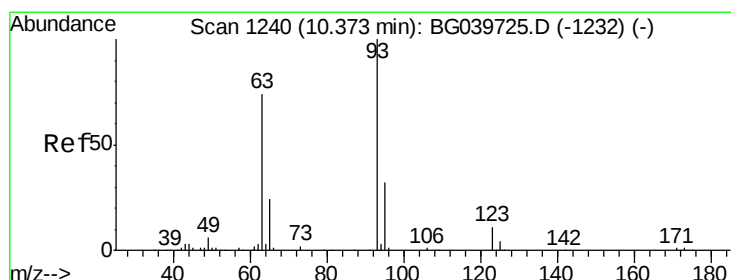
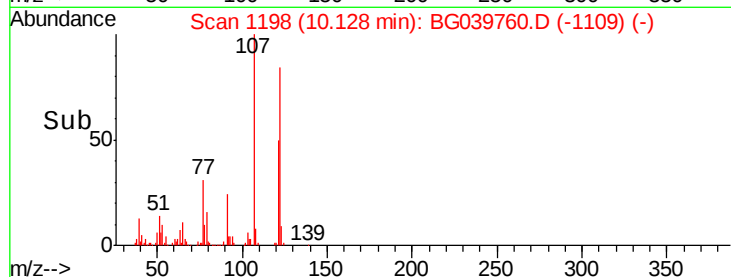
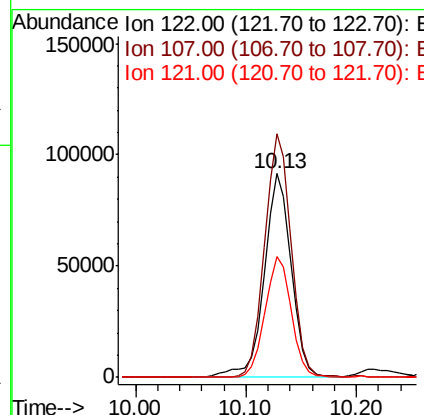
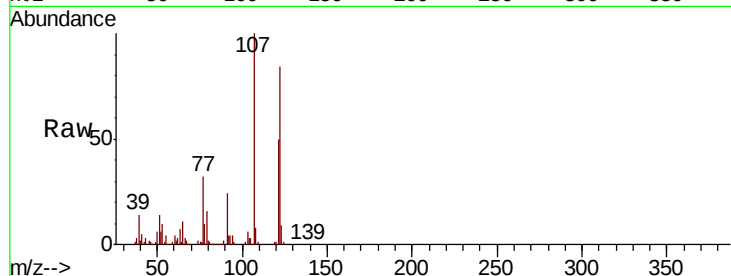




#27
 2,4-Dimethylphenol
 Concen: 53.904 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

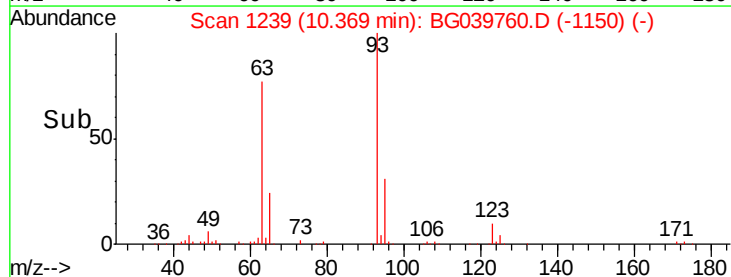
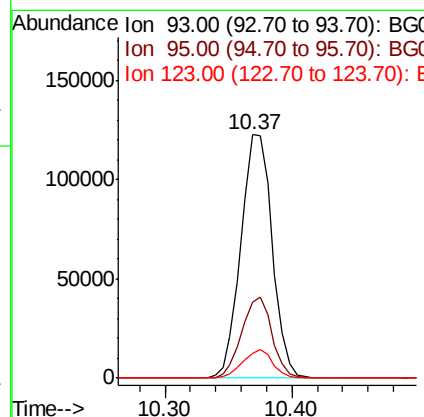
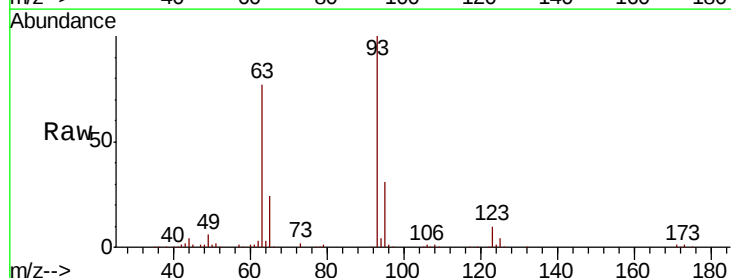
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.4	91.7	137.5
121	59.2	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.463 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.0	37.4
123	10.2	8.6	12.8

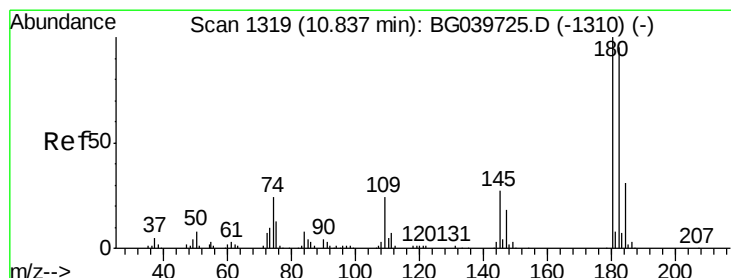
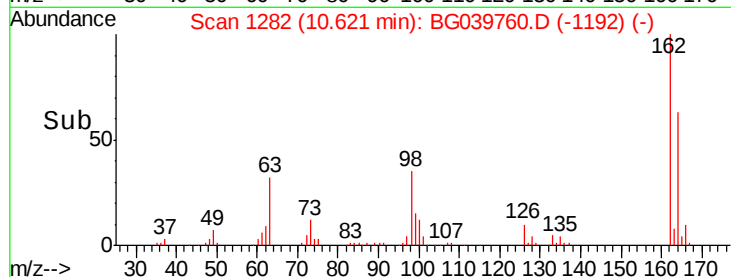
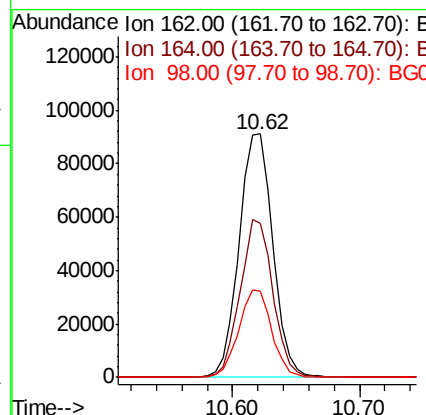
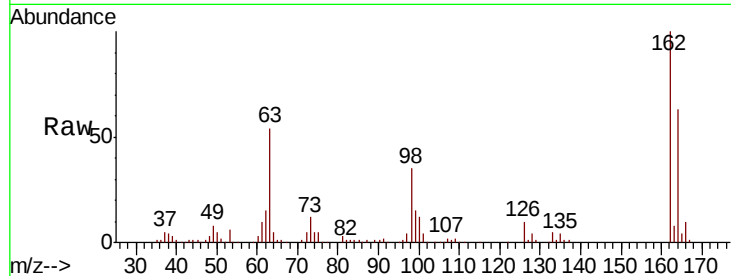




#29
 2,4-Dichlorophenol
 Concen: 51.170 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

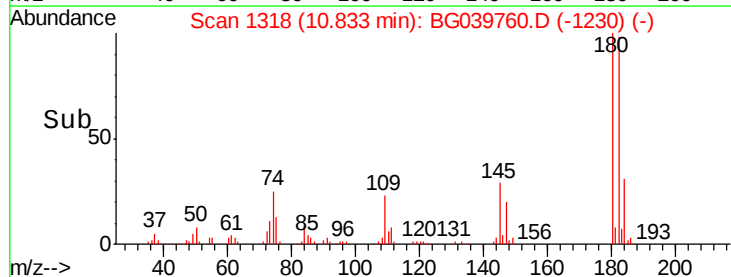
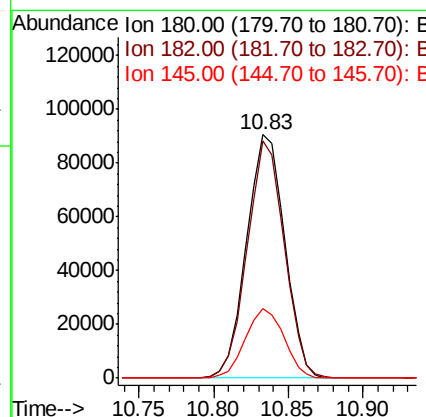
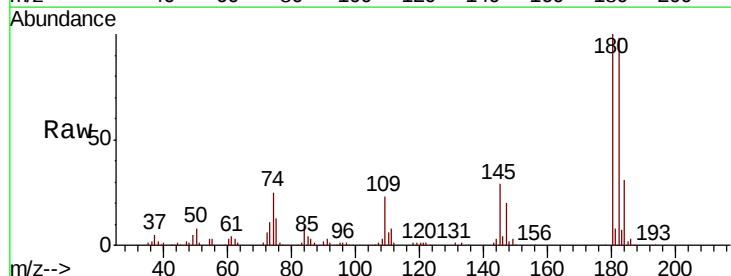
Instrument :
 BNA_G
 ClientSampleId :

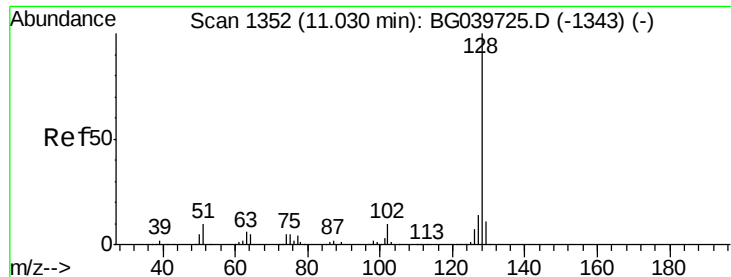
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	48.1	88.1
98	35.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.291 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.0	114.0
145	28.6	22.7	34.1

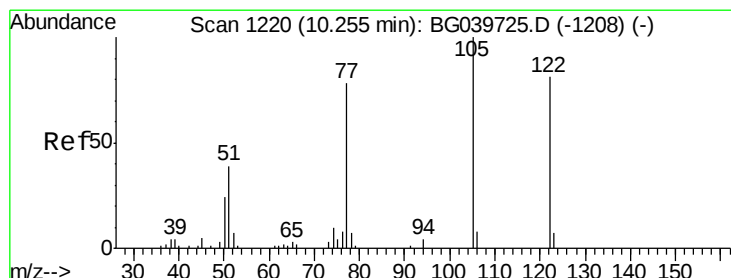
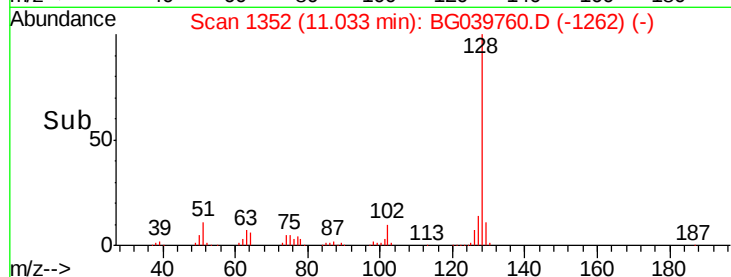
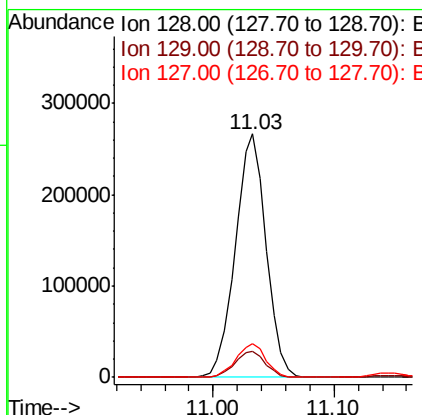
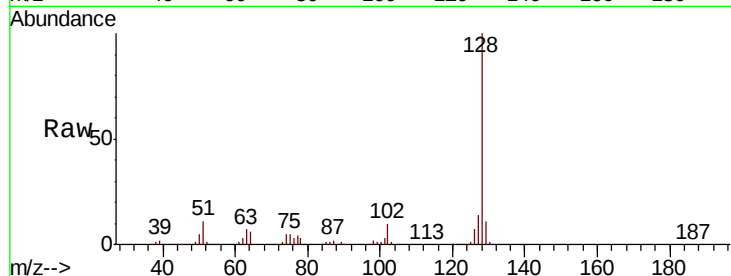




#31
Naphthalene
Concen: 44.367 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

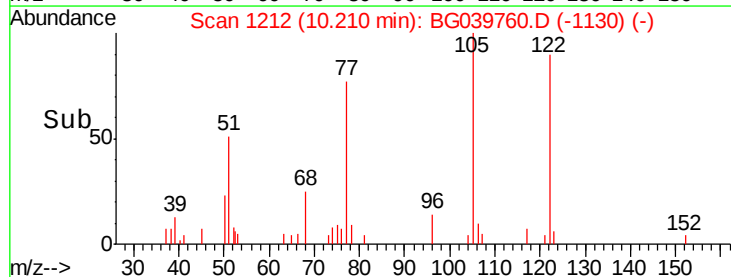
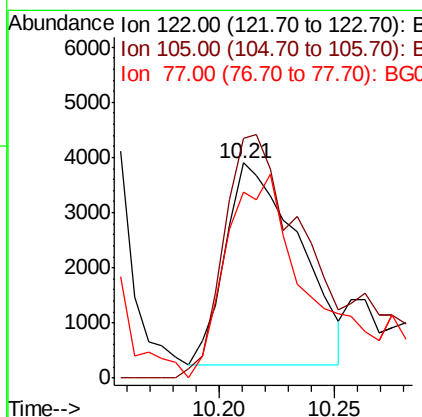
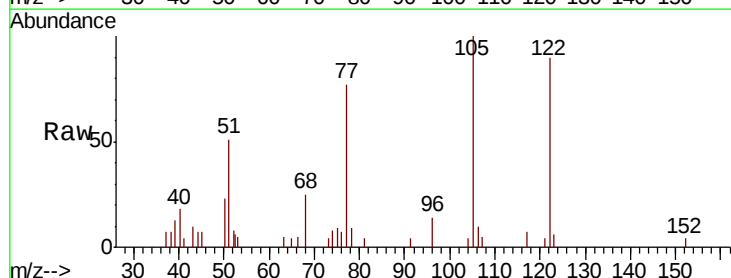
Instrument :
BNA_G
ClientSampleId :

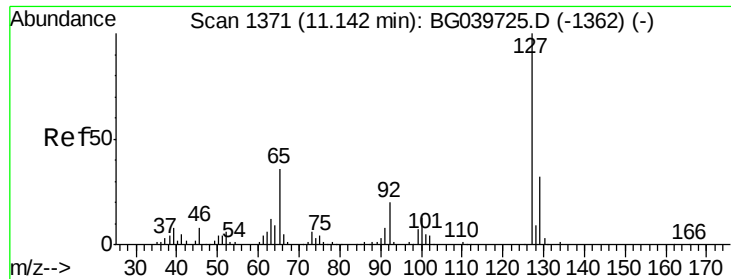
Tot Ion:128 Resp: 470481
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 10.099 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.05 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:122 Resp: 8130
Ion Ratio Lower Upper
122 100
105 111.4 101.8 141.8
77 86.2 76.3 116.3

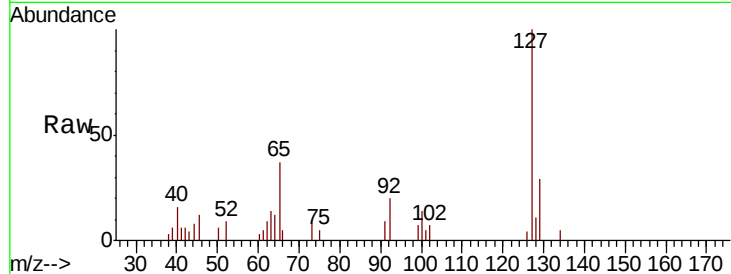




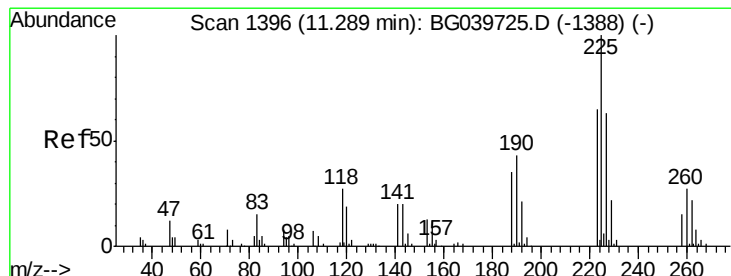
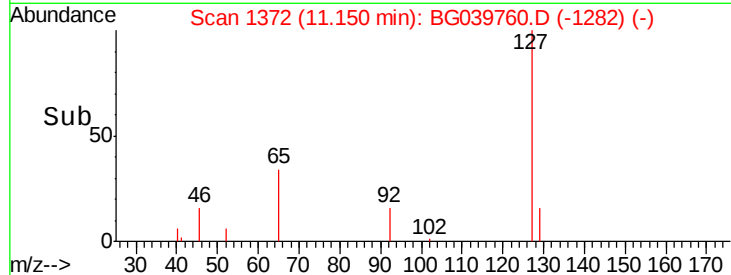
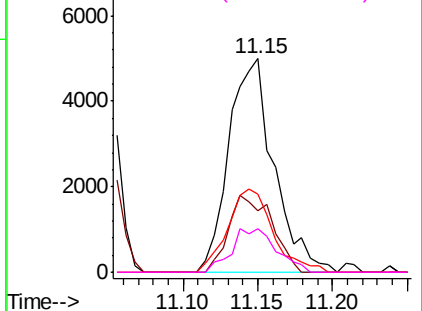
#33
4-Chloroaniline
Concen: 2.335 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	10500
Ion	Ratio	Lower	Upper
127	100		
129	28.9	27.0	40.4
65	36.7	28.8	43.2
92	20.3	16.6	25.0

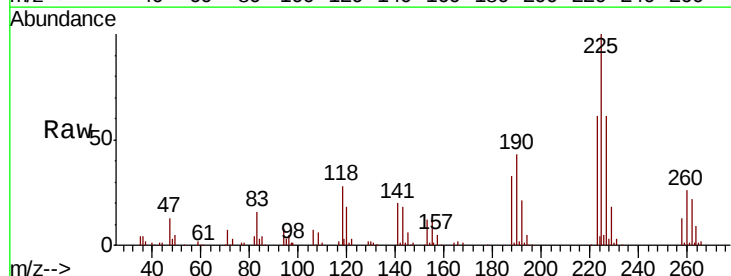


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

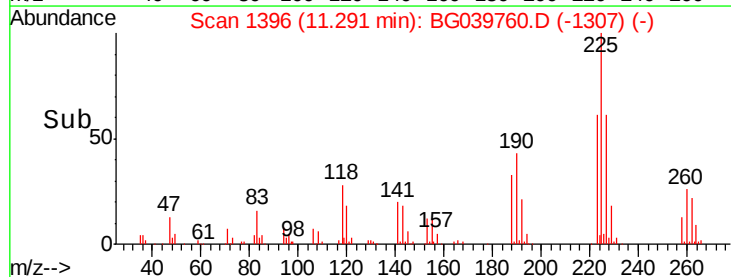
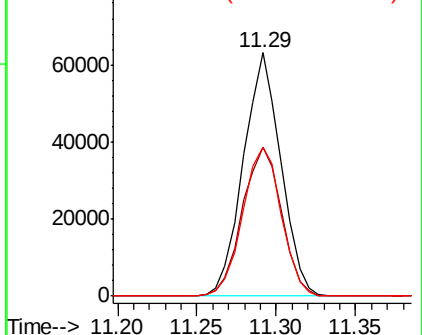


#34
Hexachlorobutadiene
Concen: 40.975 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:	225	Resp:	103486
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.0	73.6
227	61.1	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: 18.420 ng

RT: 11.93 min Scan# 1504

Delta R.T. -0.02 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

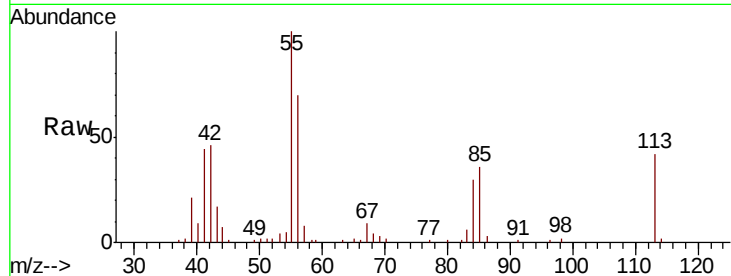
Tot Ion:113 Resp: 23111

Ion Ratio Lower Upper

113 100

55 238.9 216.9 256.9

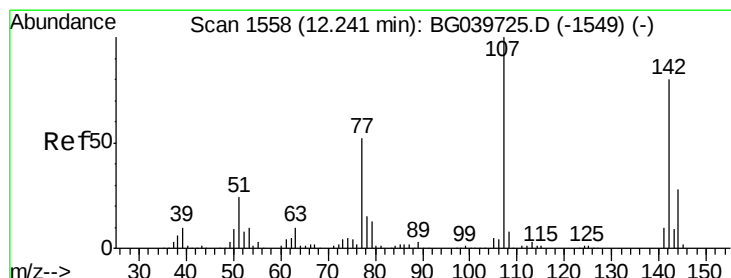
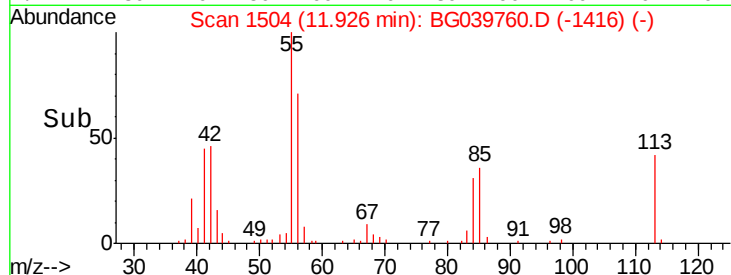
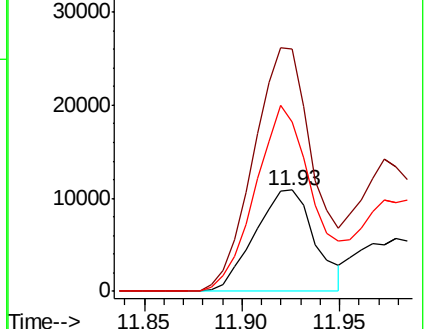
56 167.6 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039725.D (-1495) (-)

Ion 56.00 (55.70 to 56.70): BG039725.D (-1495) (-)



#36

4-Chloro-3-methylphenol

Concen: 49.666 ng

RT: 12.24 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

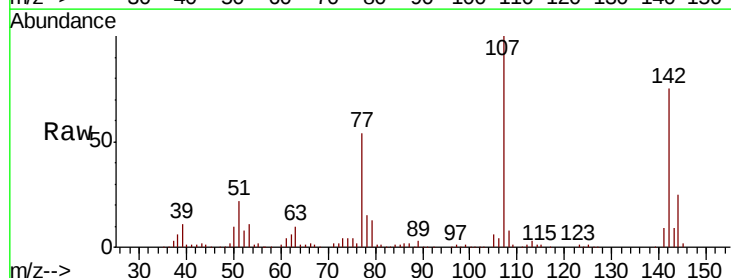
Tgt Ion:107 Resp: 187000

Ion Ratio Lower Upper

107 100

144 24.7 20.2 30.2

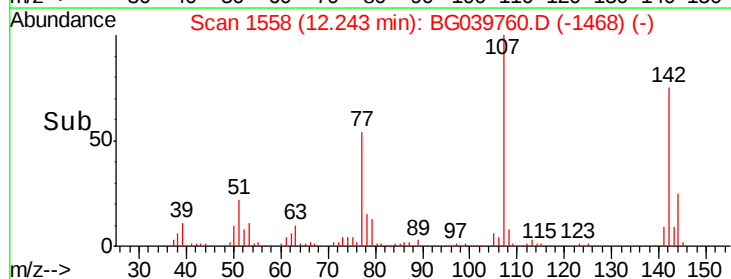
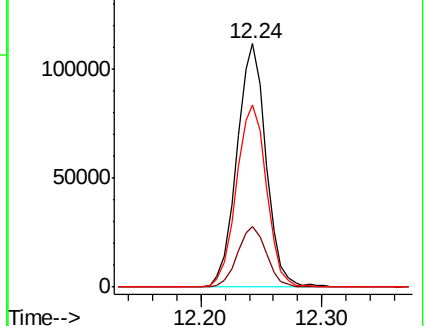
142 74.7 61.4 92.2

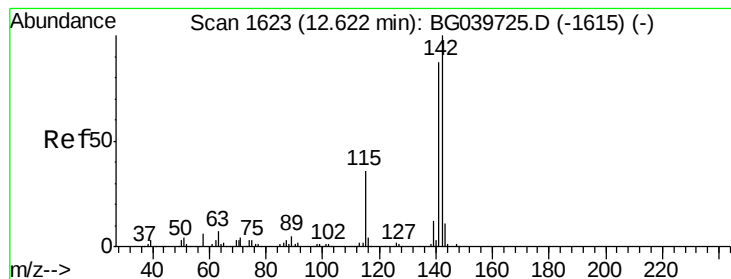


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

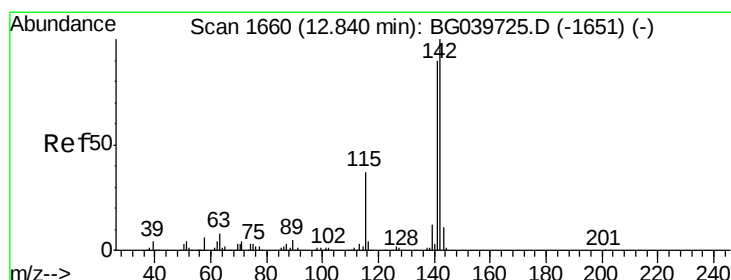
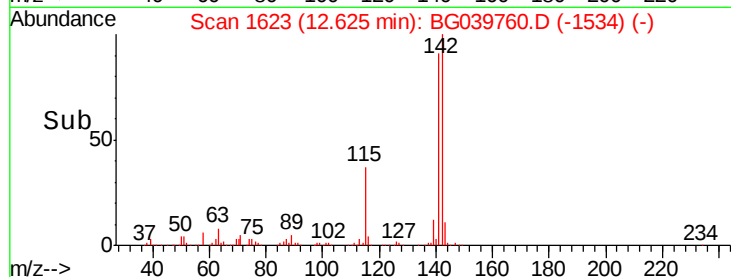
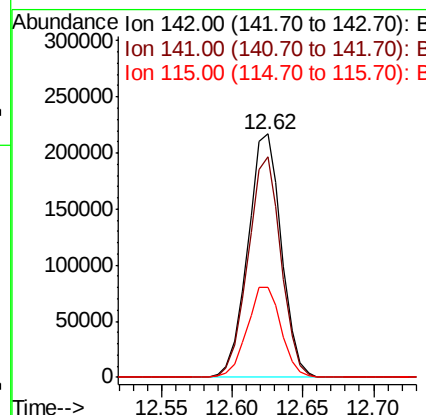
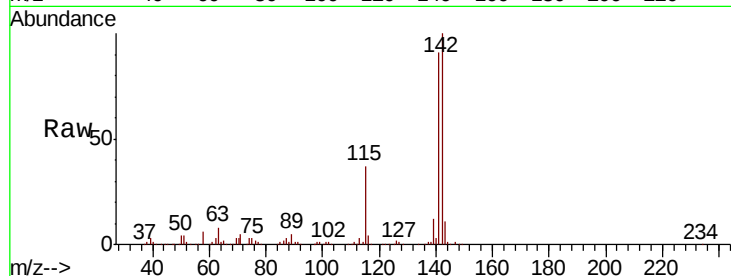




#37
 2-Methylnaphthalene
 Concen: 45.571 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

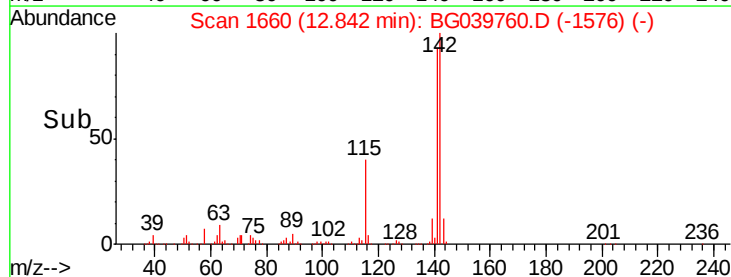
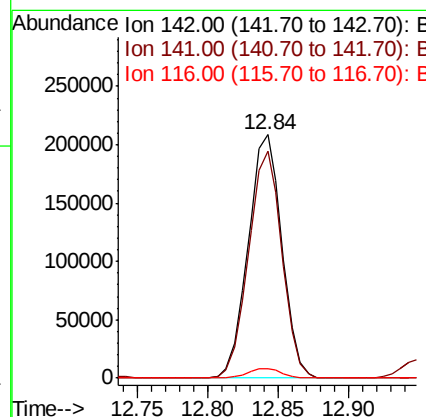
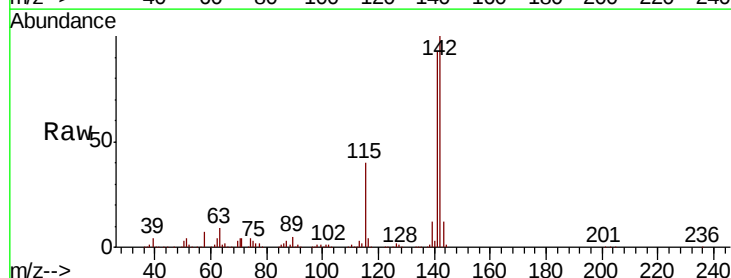
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.5	110.3
115	37.2	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 45.246 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	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: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

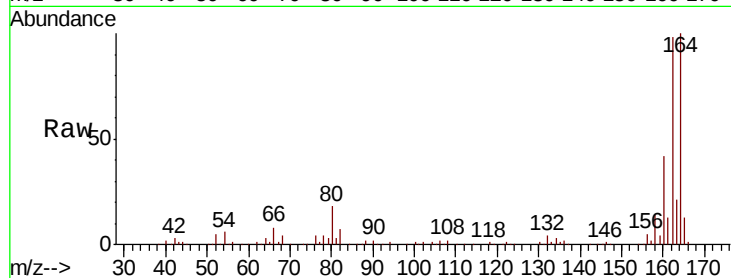
Tot Ion:164 Resp: 142960

Ion Ratio Lower Upper

164 100

162 97.7 81.6 122.4

160 41.6 34.2 51.2

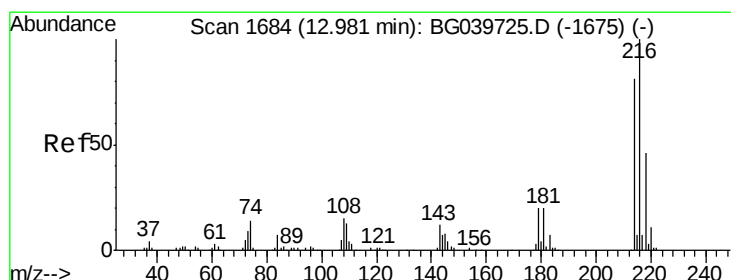
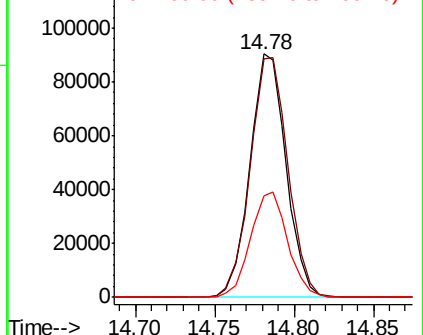
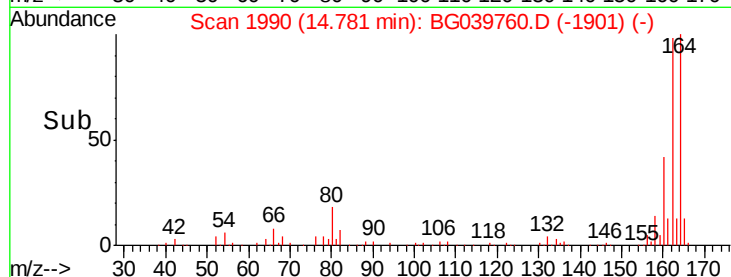


Abundance

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: 41.966 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Tgt Ion:216 Resp: 203247

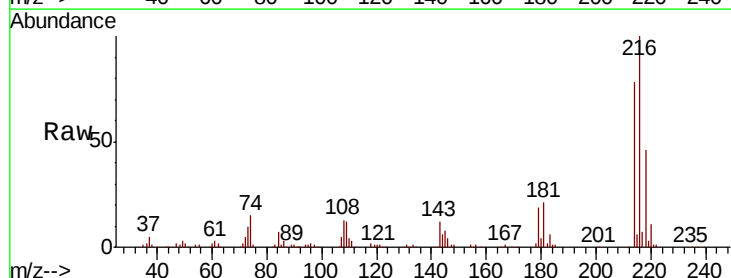
Ion Ratio Lower Upper

216 100

214 77.5 62.6 94.0

179 19.7 16.6 25.0

108 17.6 14.0 21.0



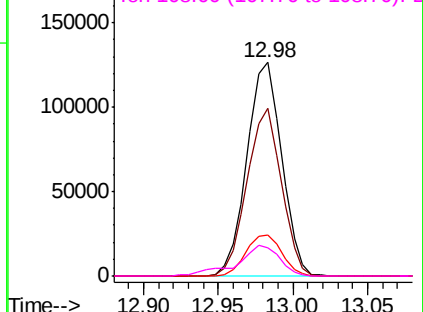
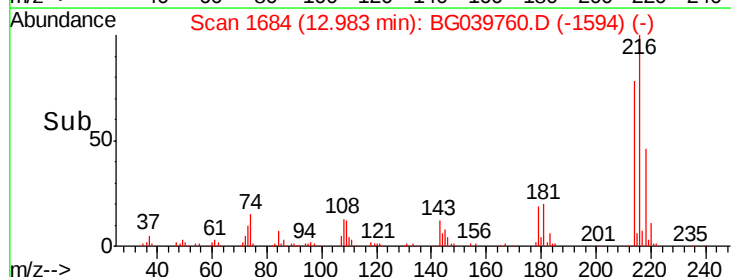
Abundance

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: 88.831 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

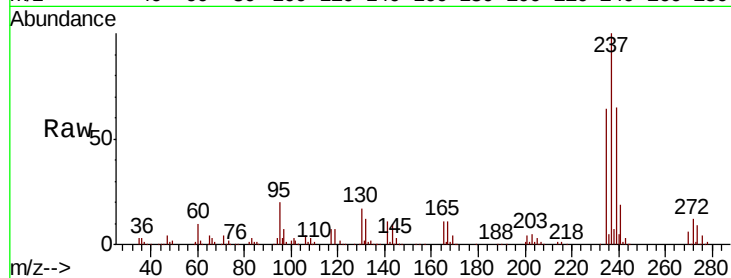
Tot Ion:237 Resp: 230557

Ion Ratio Lower Upper

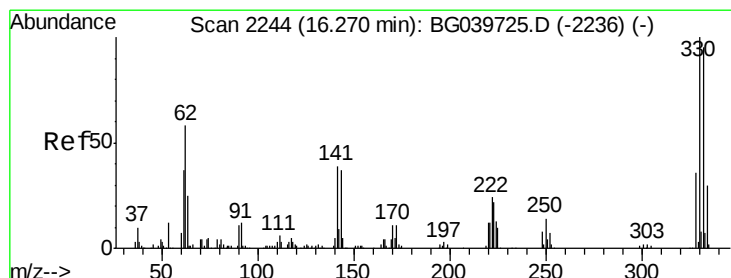
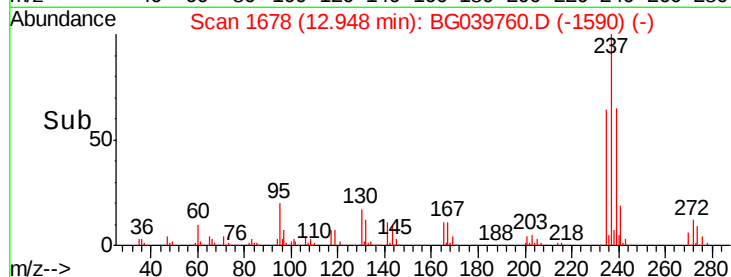
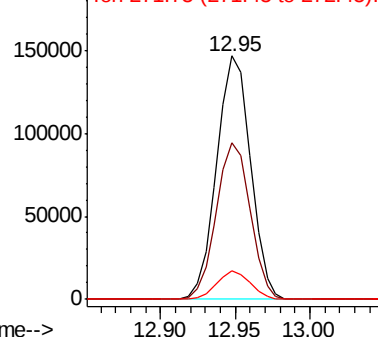
237 100

235 64.2 43.3 83.3

272 11.8 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: 157.691 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

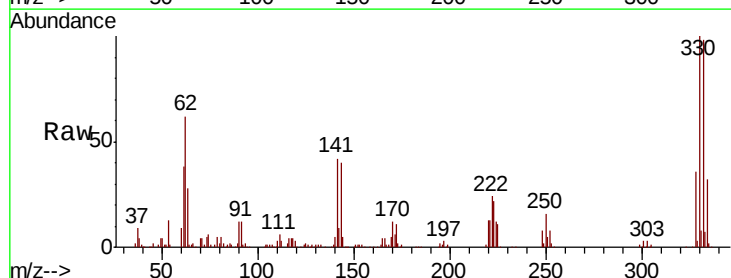
Tgt Ion:330 Resp: 262762

Ion Ratio Lower Upper

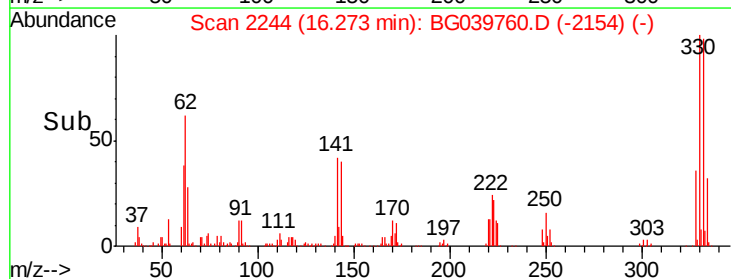
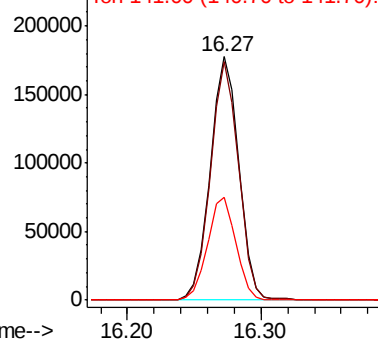
330 100

332 96.2 75.7 113.5

141 42.3 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

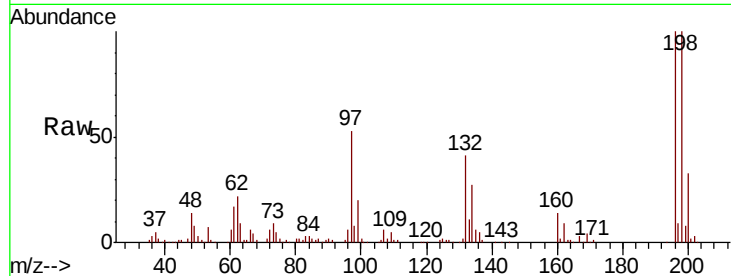




#43
 2,4,6-Trichlorophenol
 Concen: 49.620 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.4	80.6	121.0
200	33.0	26.1	39.1

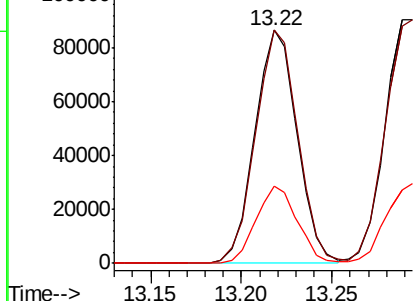
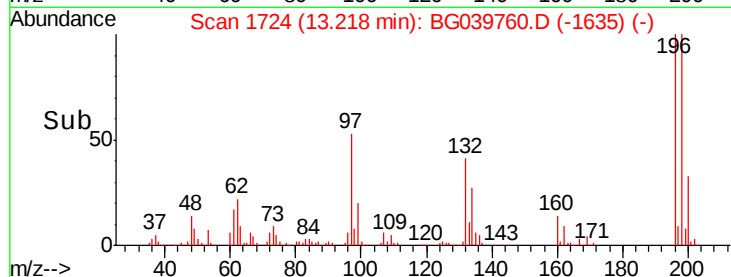


Abundance

Ion 196.00 (195.70 to 196.70): E

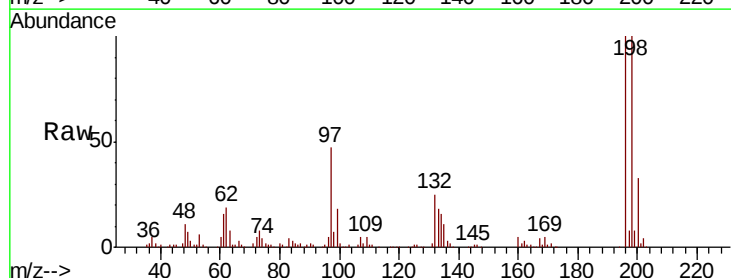
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 48.143 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.9	78.5	117.7
97	46.6	38.4	57.6
132	25.4	19.2	28.8



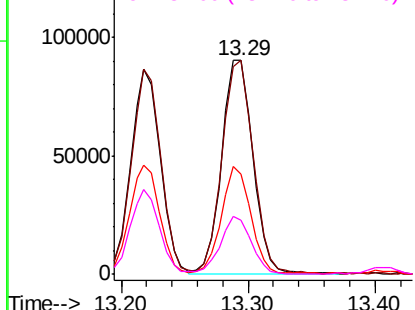
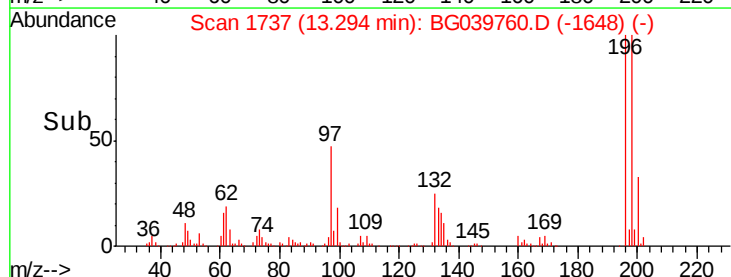
Abundance

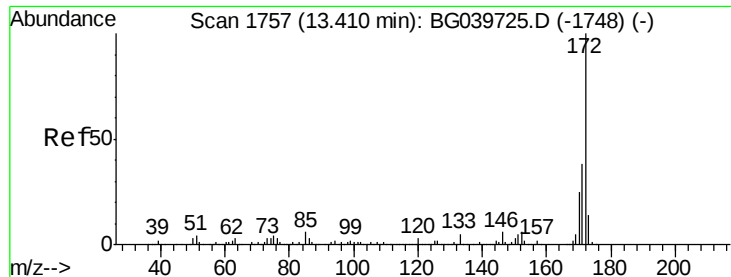
Ion 196.00 (195.70 to 196.70): E

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

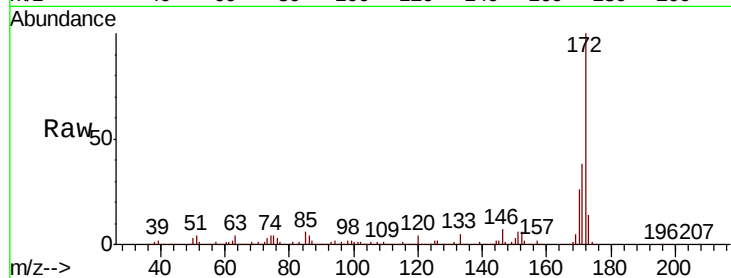




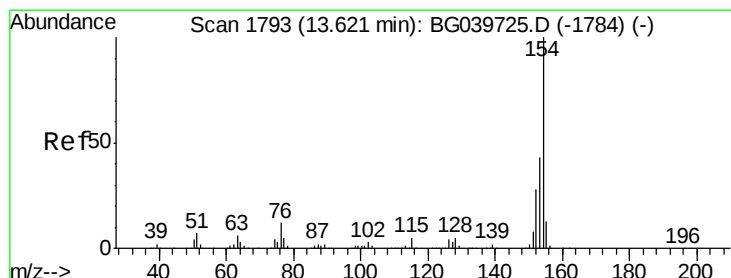
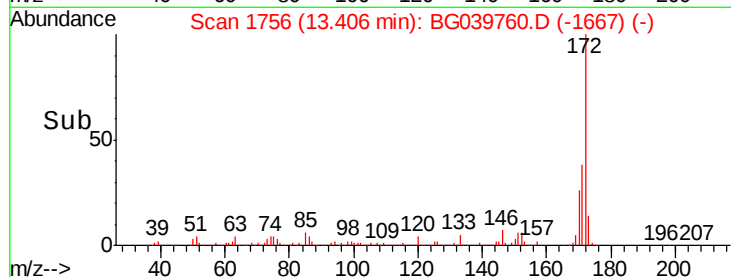
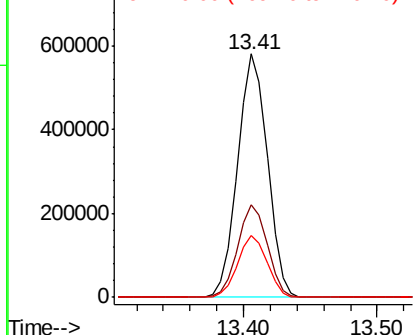
#45
2-Fluorobiphenyl
Concen: 89.402 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 897640
Ion Ratio Lower Upper
172 100
171 38.2 30.8 46.2
170 25.6 20.2 30.4

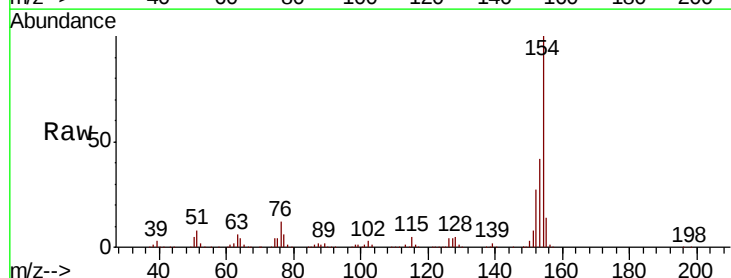


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

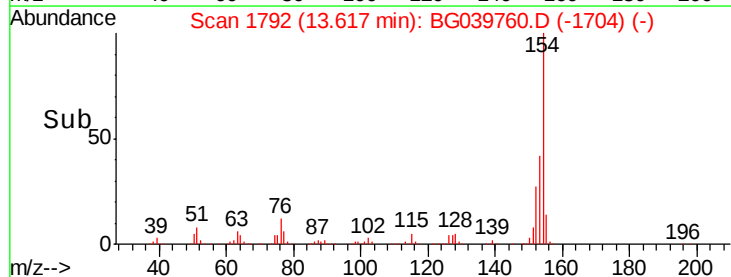
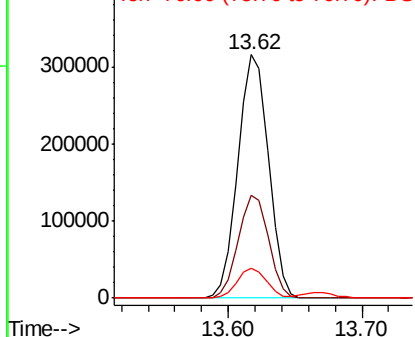


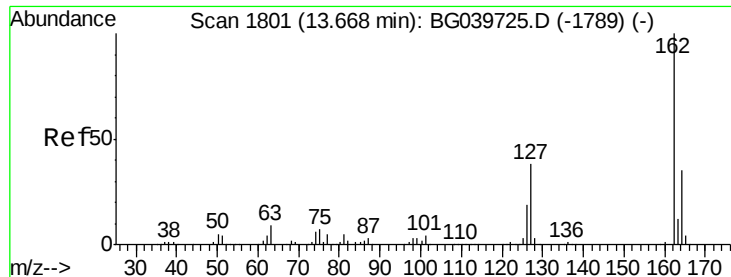
#46
1,1'-Biphenyl
Concen: 42.421 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:154 Resp: 498803
Ion Ratio Lower Upper
154 100
153 42.5 22.1 62.1
76 12.1 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

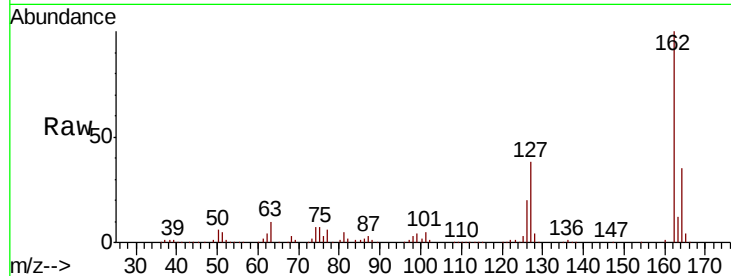




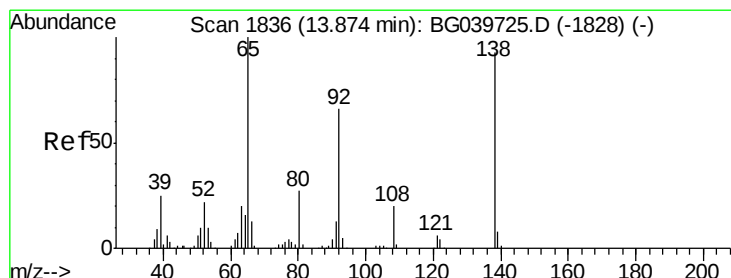
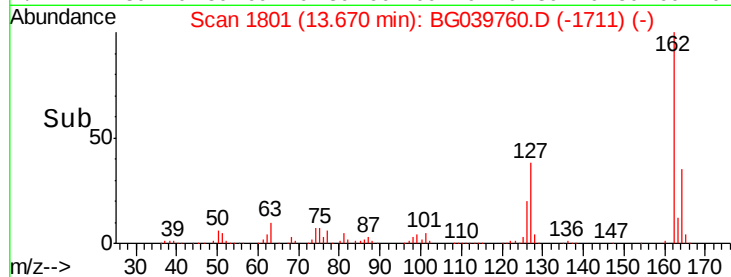
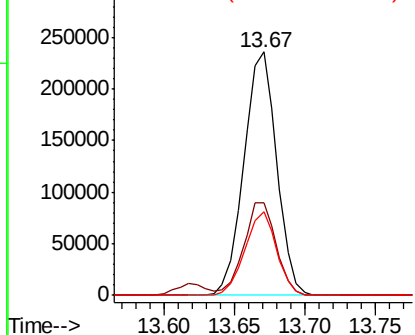
#47
 2-Chloronaphthalene
 Concen: 43.285 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 382884
 Ion Ratio Lower Upper
 162 100
 127 37.8 31.0 46.6
 164 34.5 25.7 38.5

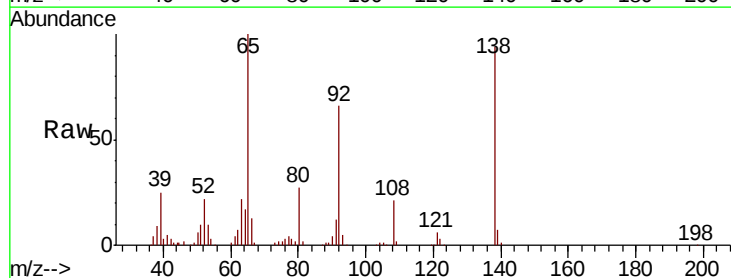


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

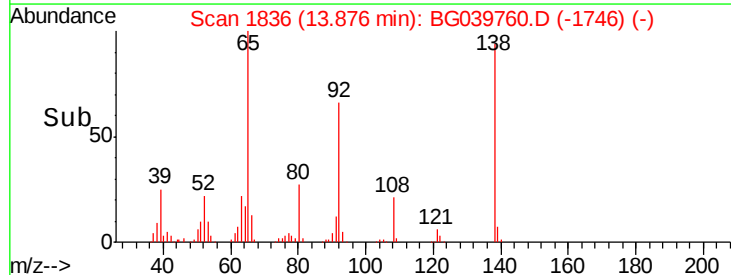
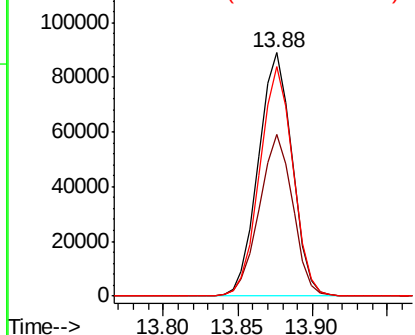


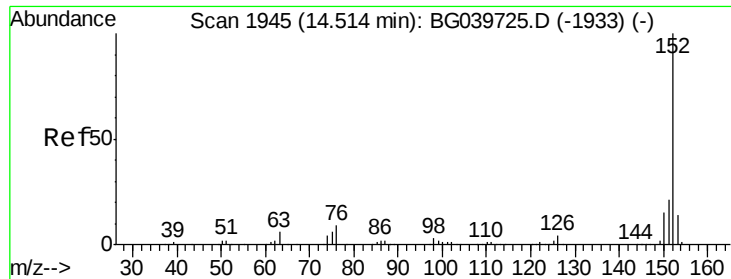
#48
 2-Nitroaniline
 Concen: 48.848 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion: 65 Resp: 138860
 Ion Ratio Lower Upper
 65 100
 92 66.4 51.4 77.2
 138 94.4 71.4 107.2



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





#49

Acenaphthylene

Concen: 42.906 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampled :

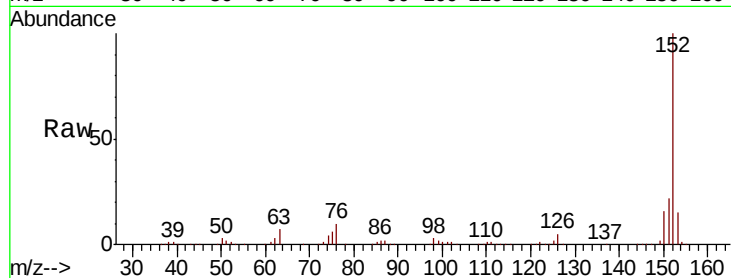
Tot Ion:152 Resp: 623047

Ion Ratio Lower Upper

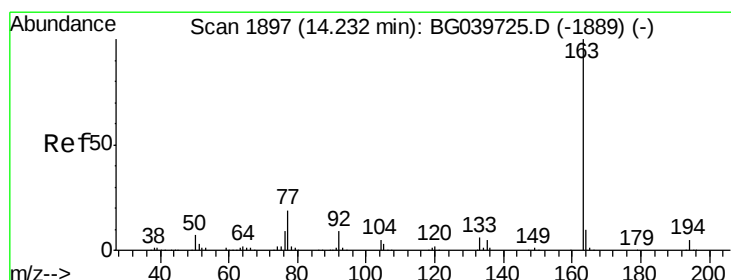
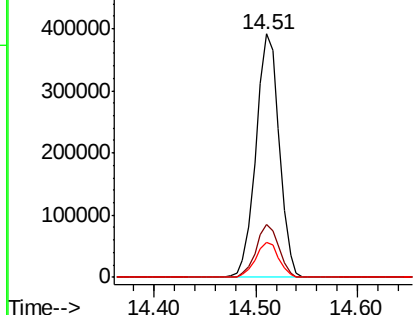
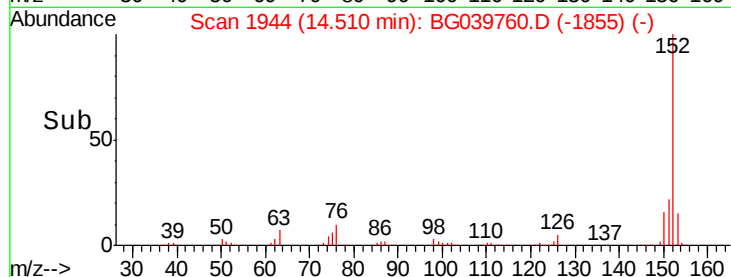
152 100

151 22.0 16.8 25.2

153 14.6 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: 44.834 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

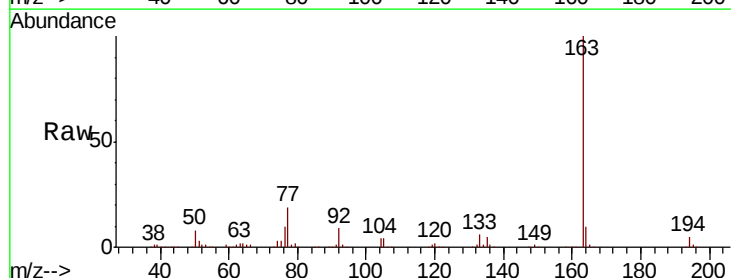
Tgt Ion:163 Resp: 535953

Ion Ratio Lower Upper

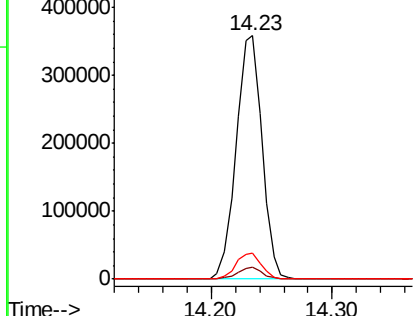
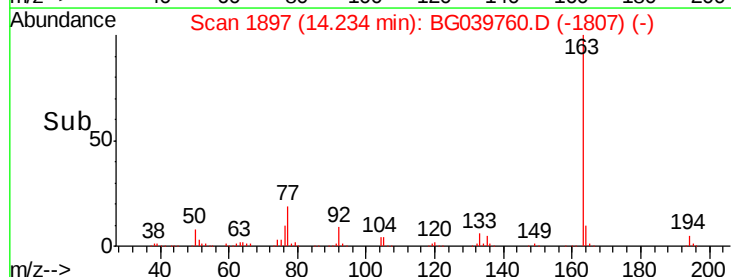
163 100

194 4.6 3.6 5.4

164 10.4 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

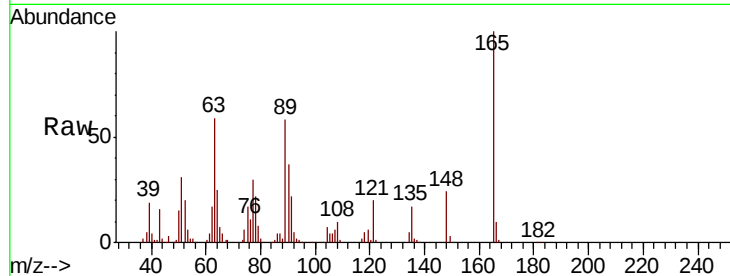




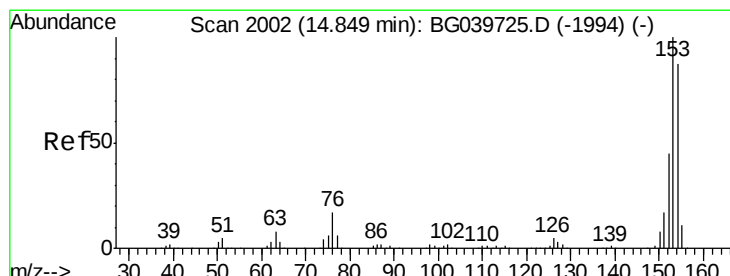
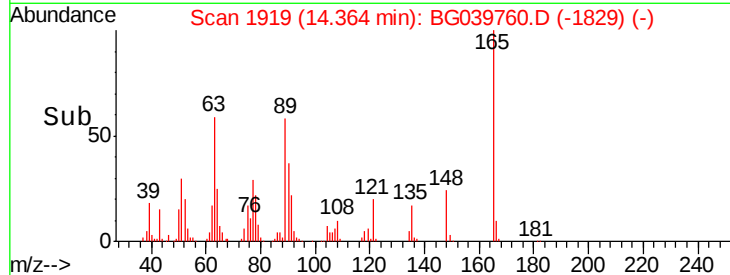
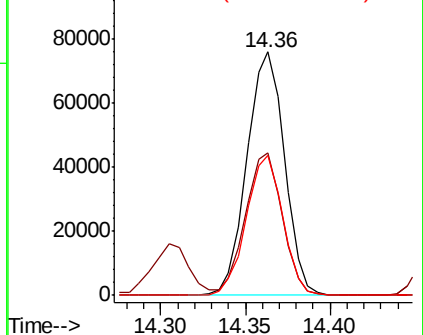
#51
 2,6-Dinitrotoluene
 Concen: 46.216 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 117121
 Ion Ratio Lower Upper
 165 100
 63 58.7 47.0 70.6
 89 57.6 45.8 68.8

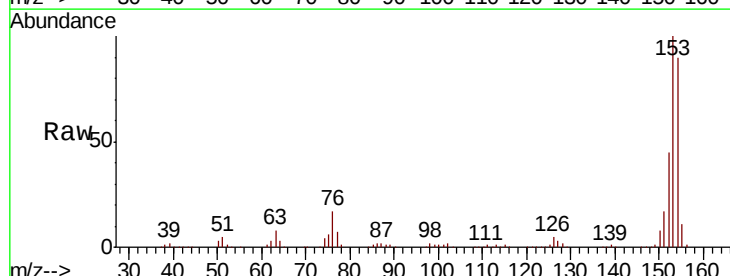


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

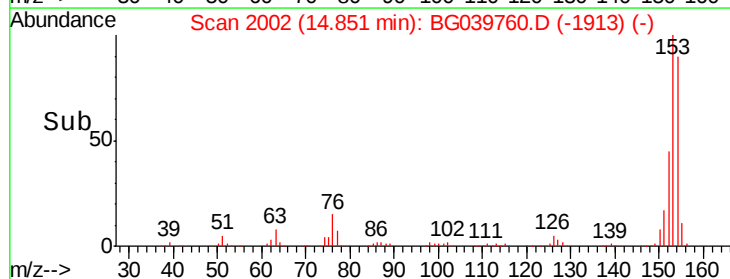
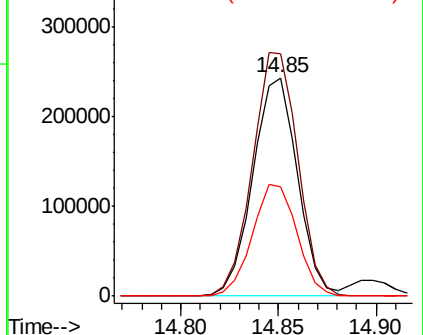


#52
 Acenaphthene
 Concen: 43.905 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion:154 Resp: 383721
 Ion Ratio Lower Upper
 154 100
 153 111.2 90.1 135.1
 152 50.3 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

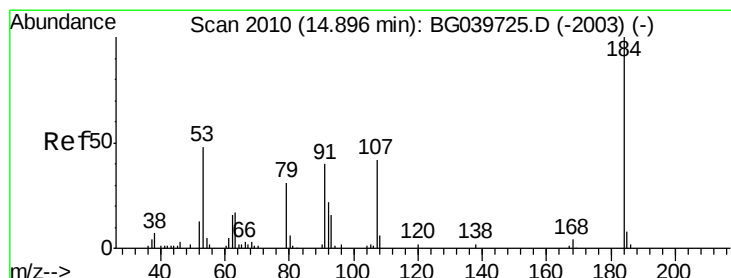
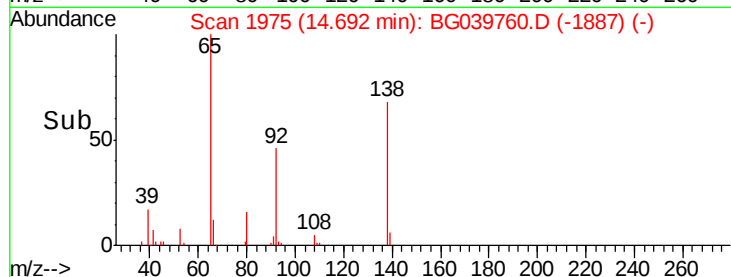
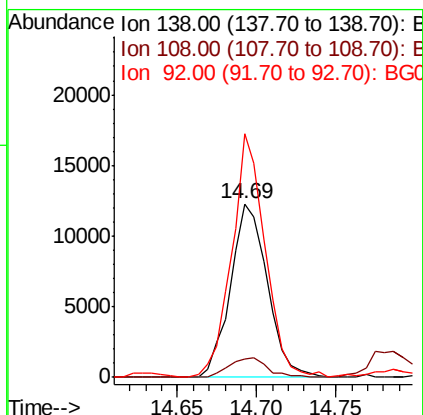
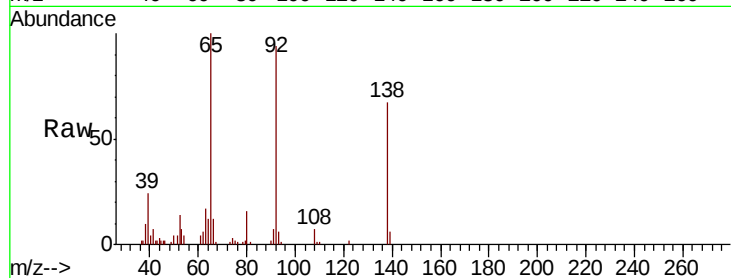




#53
3-Nitroaniline
Concen: 7.798 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

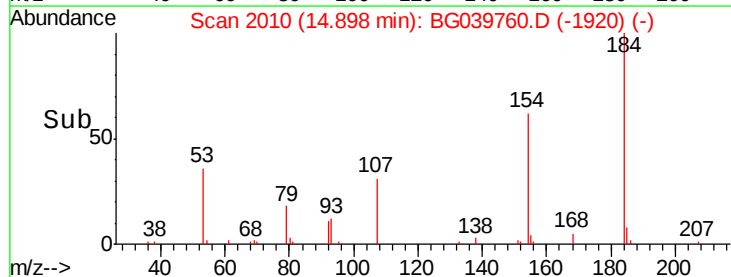
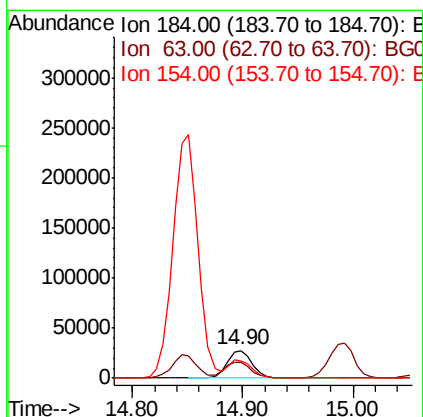
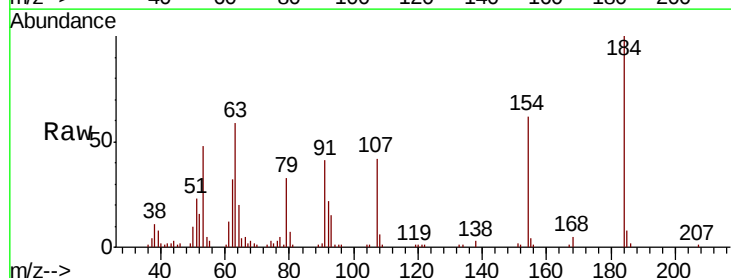
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 19866
Ion Ratio Lower Upper
138 100
108 10.7 13.8 20.8#
92 140.3 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 31.404 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:184 Resp: 44728
Ion Ratio Lower Upper
184 100
63 59.4 50.9 76.3
154 62.2 53.0 79.6

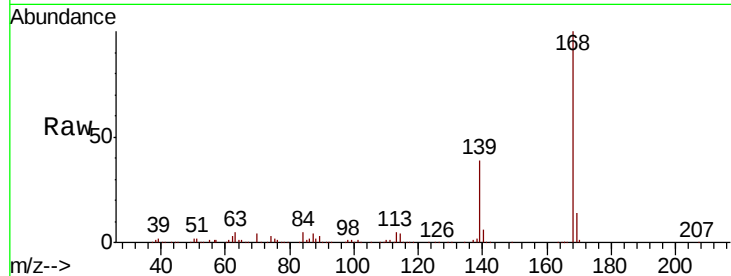




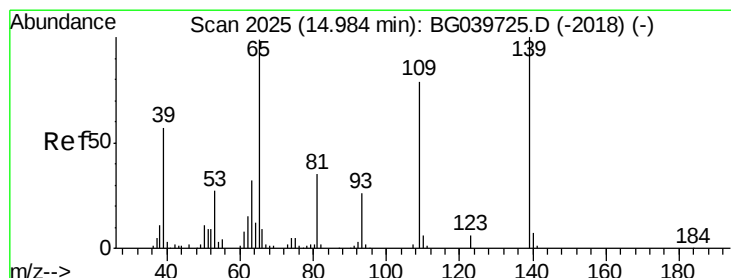
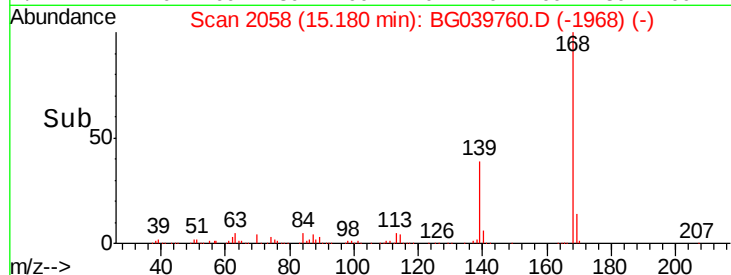
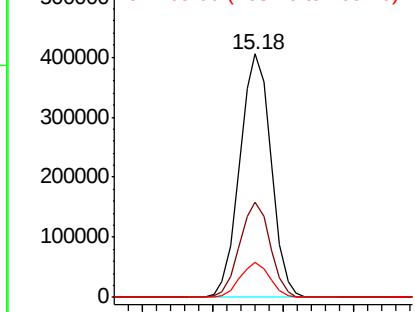
#55
Dibenzofuran
Concen: 43.693 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 626526
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 14.3 10.6 16.0

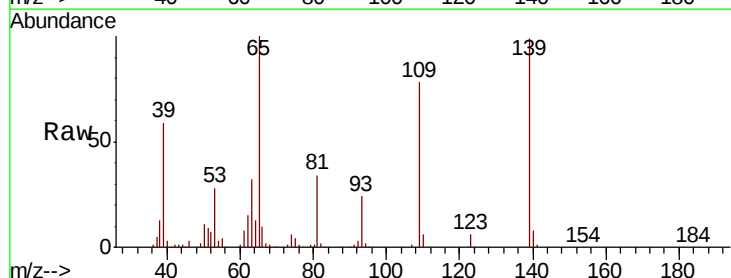


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

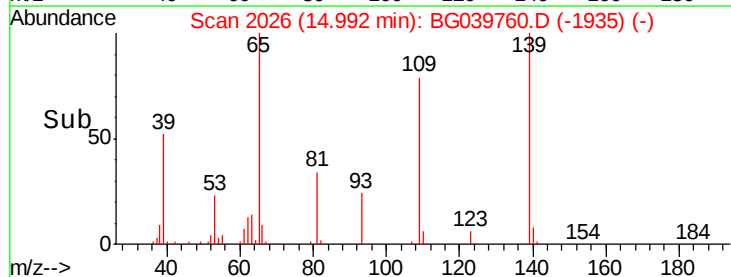
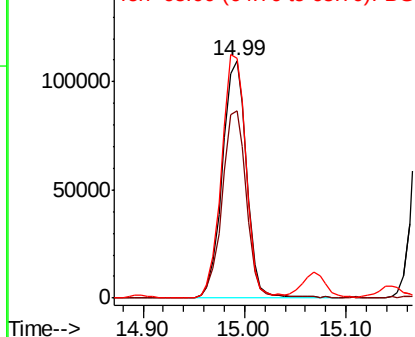


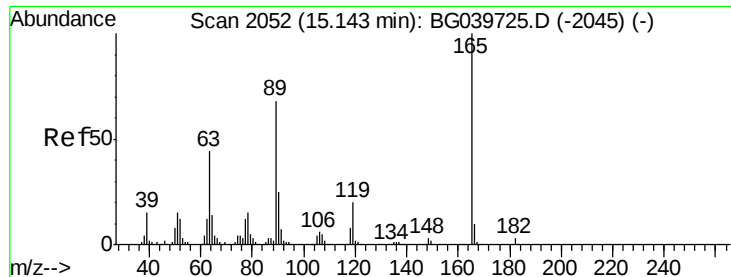
#56
4-Nitrophenol
Concen: 79.897 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:139 Resp: 182074
Ion Ratio Lower Upper
139 100
109 78.7 61.9 101.9
65 101.3 99.1 139.1



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

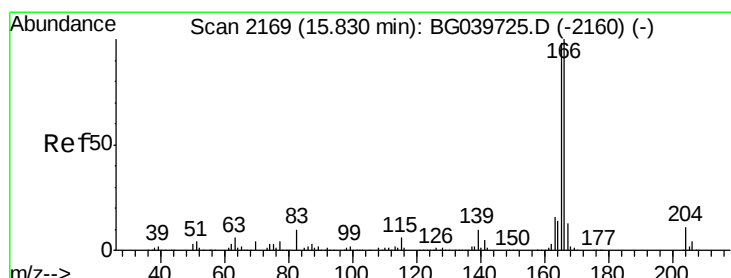
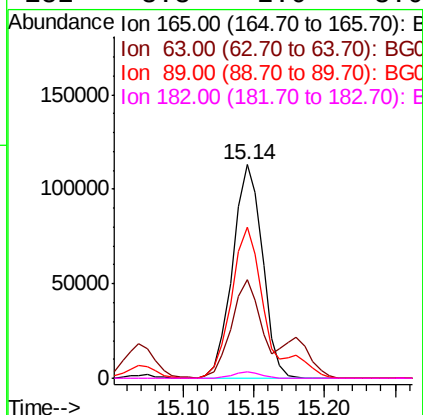
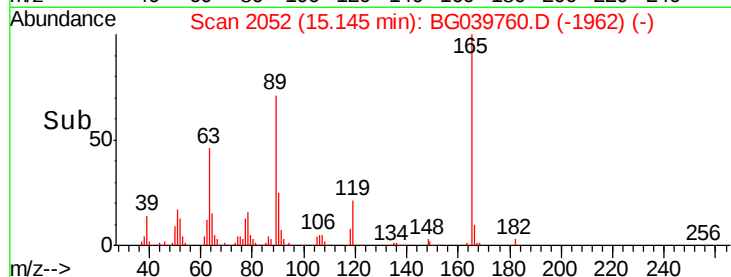
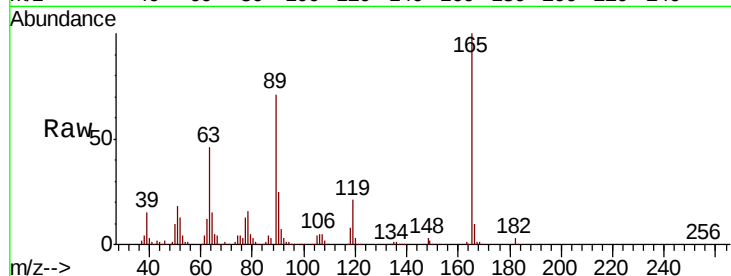




#57
 2,4-Dinitrotoluene
 Concen: 46.869 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

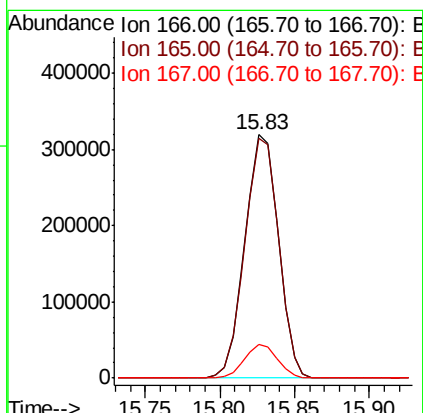
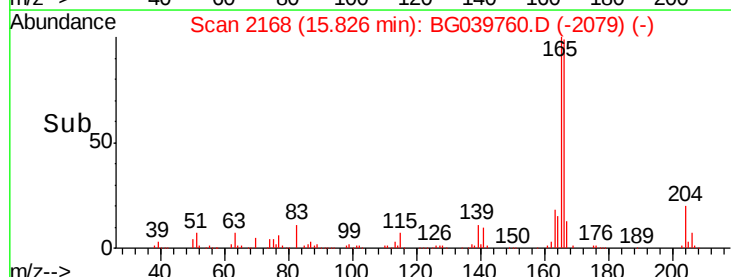
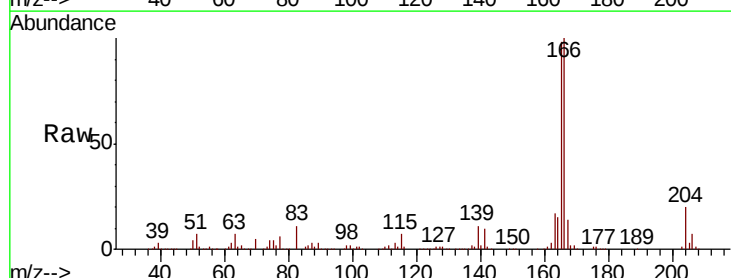
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 166894
 Ion Ratio Lower Upper
 165 100
 63 46.3 41.0 61.6
 89 70.8 64.6 96.8
 182 3.3 2.0 3.0#



#58
 Fluorene
 Concen: 44.174 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion:166 Resp: 497960
 Ion Ratio Lower Upper
 166 100
 165 98.3 77.9 116.9
 167 13.9 10.8 16.2

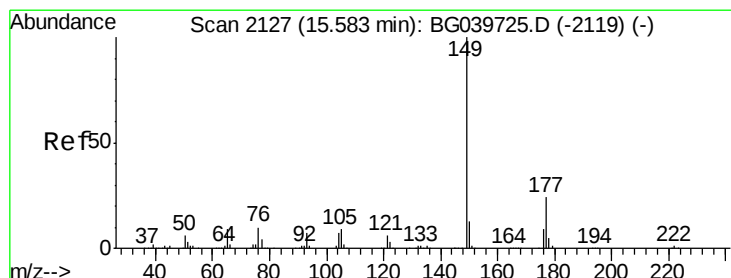
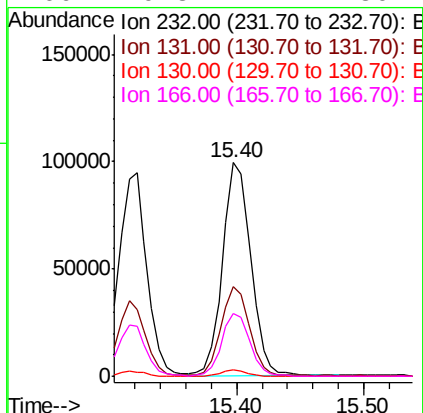
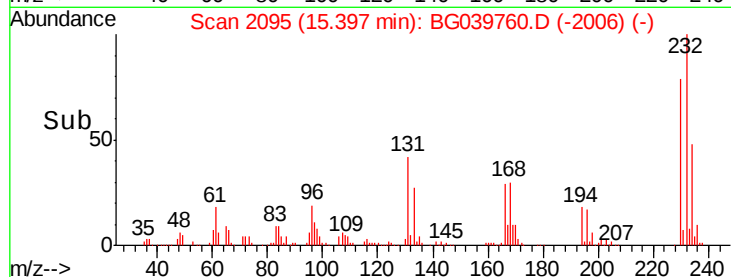
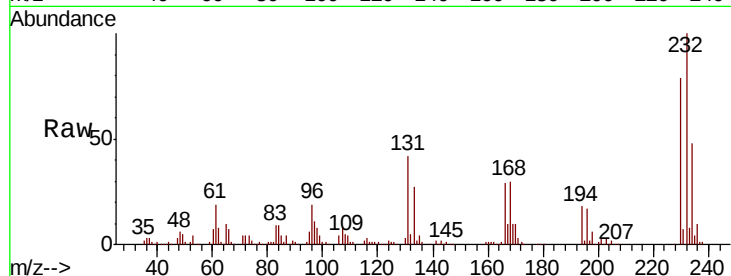




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.990 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

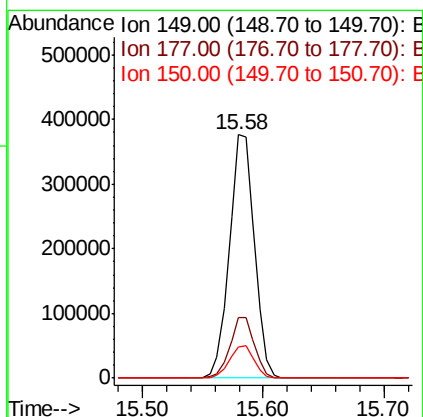
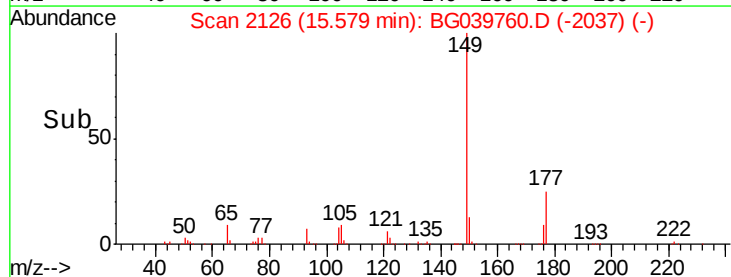
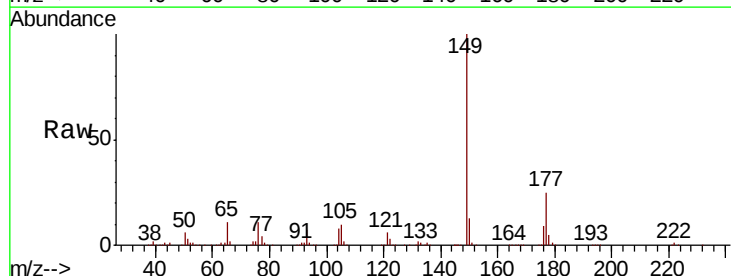
Instrument :
 BNA_G
 ClientSampleId :

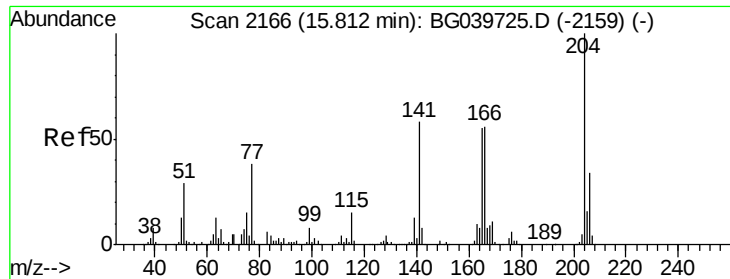
Tot Ion:	232	Resp:	152915
Ion	Ratio	Lower	Upper
232	100		
131	42.0	34.9	52.3
130	2.6	2.0	3.0
166	29.3	24.1	36.1



#60
 Diethylphthalate
 Concen: 45.740 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion:	149	Resp:	541281
Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.3	27.5
150	13.1	10.2	15.2

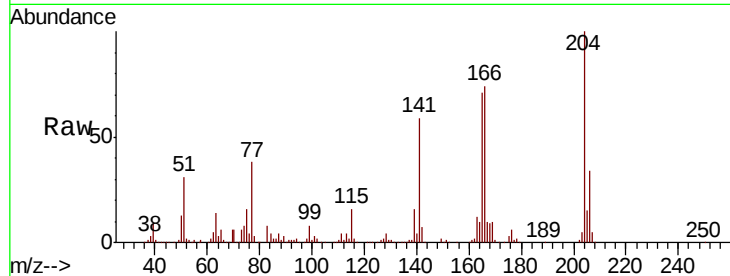




#61
 4-Chlorophenyl-phenylether
 Concen: 43.728 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	29.2	43.8
141	58.7	49.0	73.4

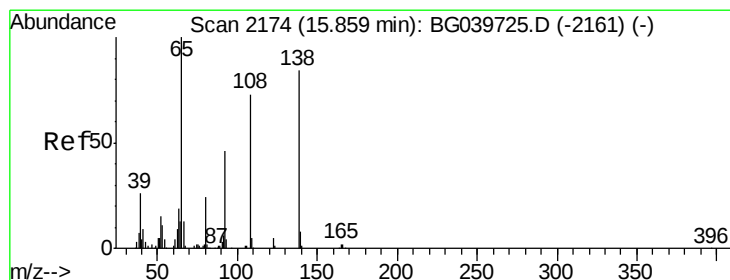
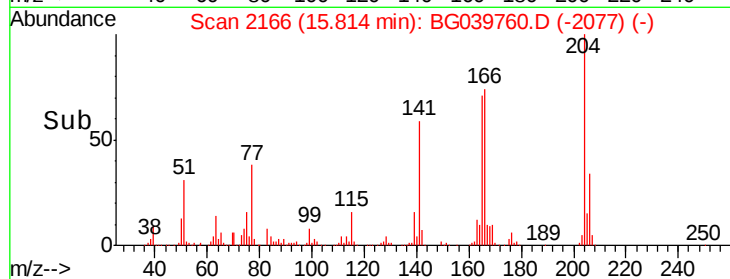
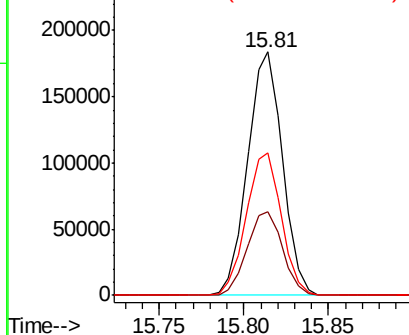


Abundance

Ion 204.00 (203.70 to 204.70): E

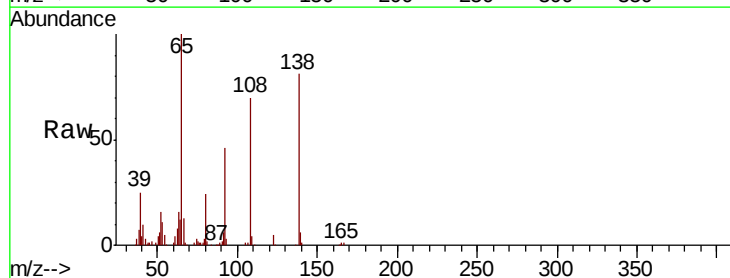
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 42.448 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.6	38.7	78.7
108	86.9	74.6	114.6

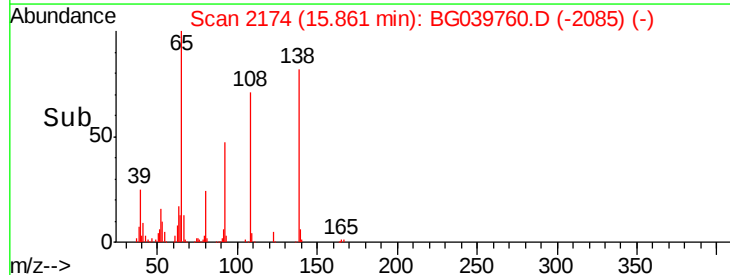
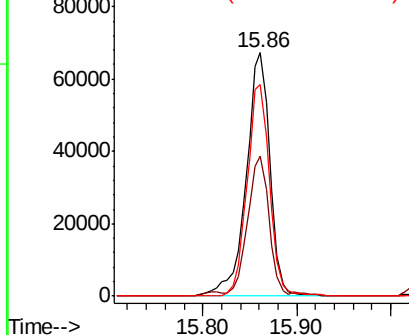


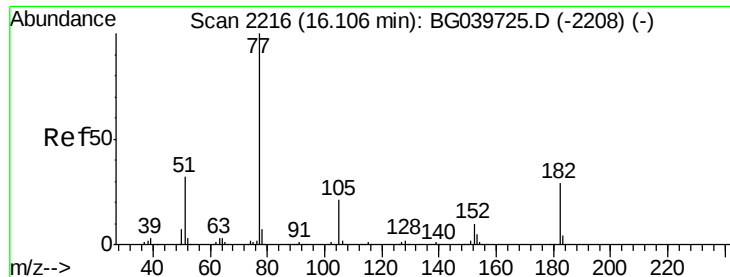
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 45.460 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

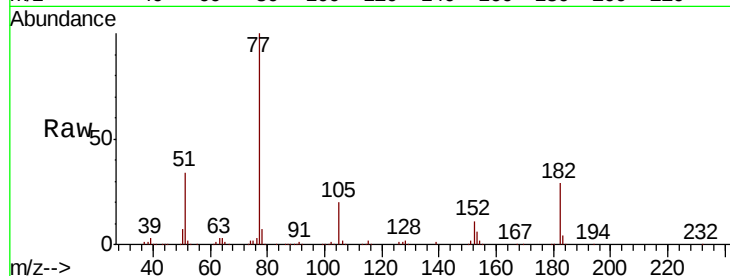
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 487648

Ion	Ratio	Lower	Upper
77	100		
182	29.1	6.4	46.4
105	19.9	0.0	39.8
51	33.9	14.1	54.1

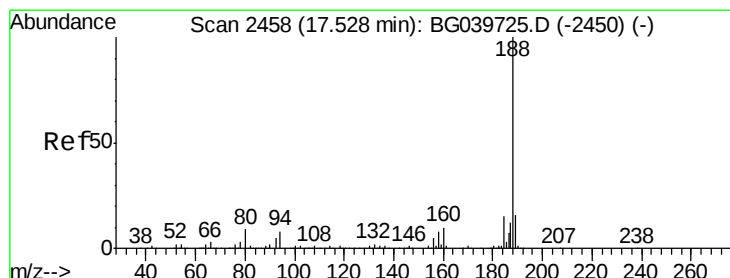
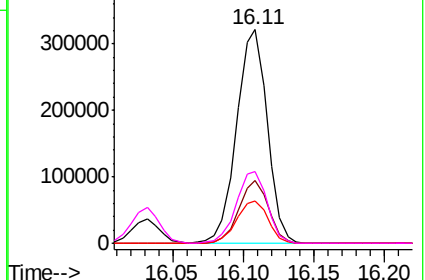
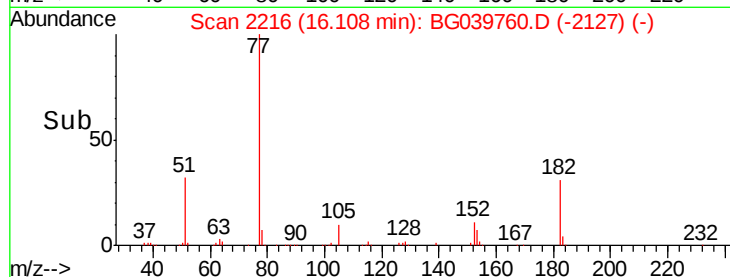


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

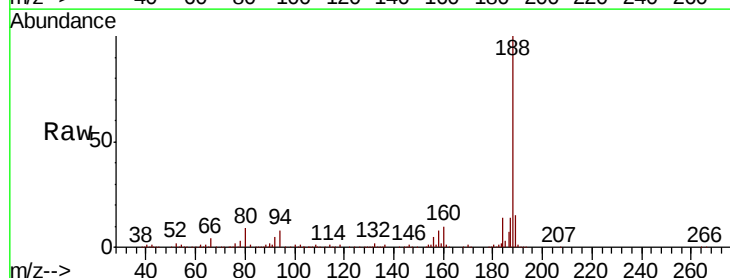
Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Tgt Ion: 188 Resp: 345632

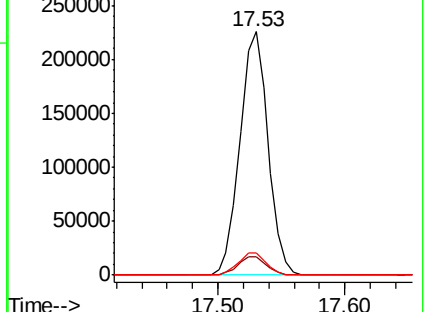
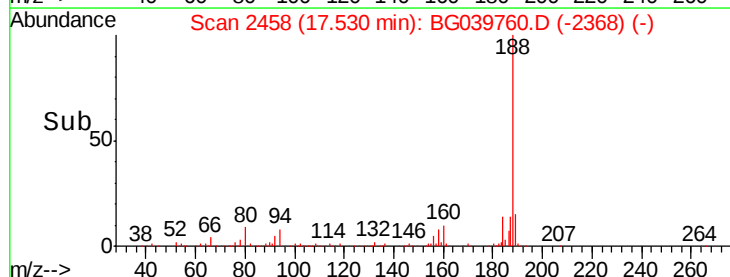
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	9.3	8.1	12.1

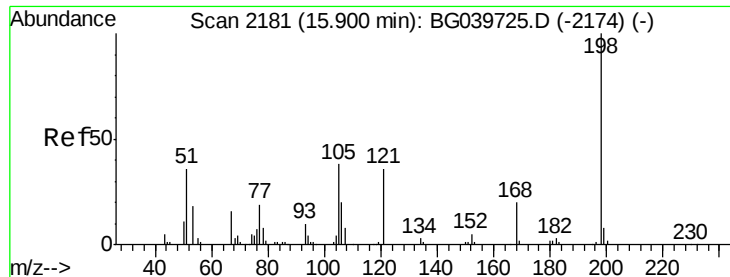


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 23.878 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

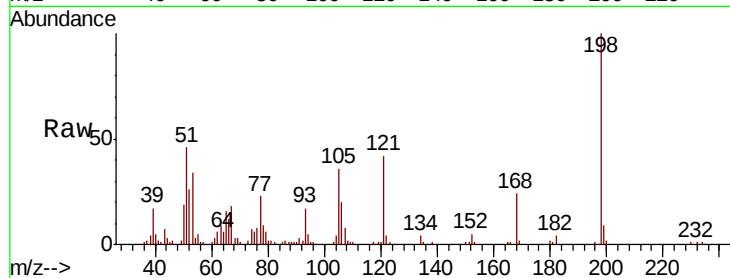
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 48798

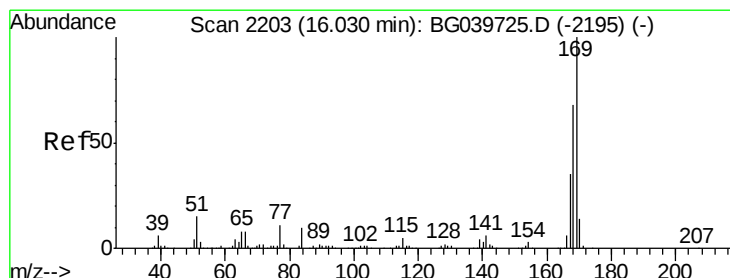
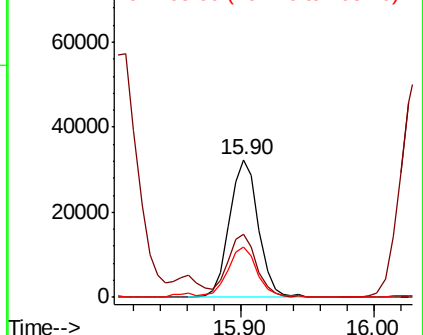
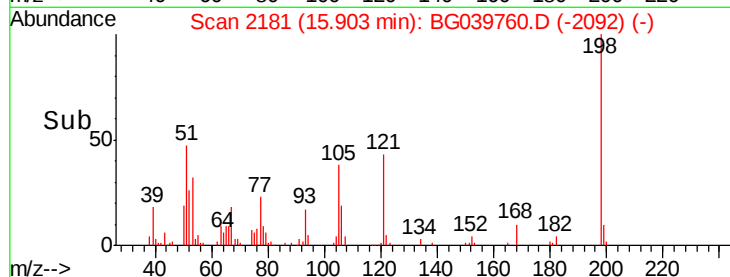
Ion	Ratio	Lower	Upper
198	100		
51	45.9	27.4	67.4
105	36.4	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.376 ng

RT: 16.03 min Scan# 2203

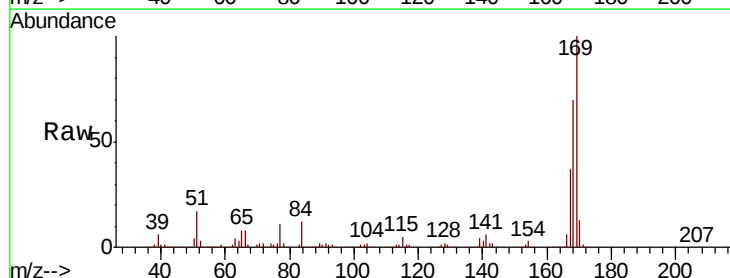
Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Tgt Ion:169 Resp: 464042

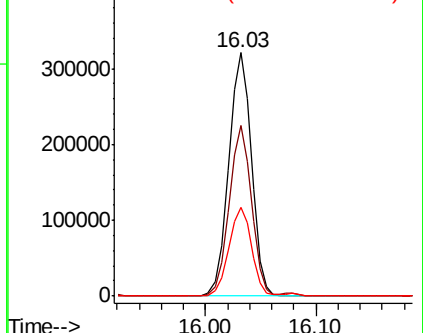
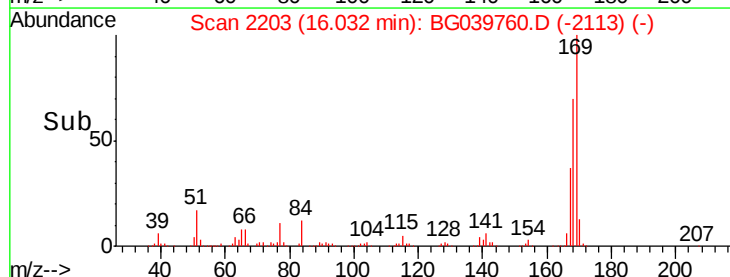
Ion	Ratio	Lower	Upper
169	100		
168	70.1	56.6	85.0
167	36.6	28.8	43.2



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

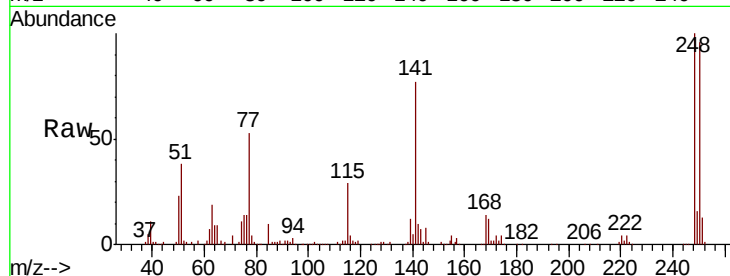




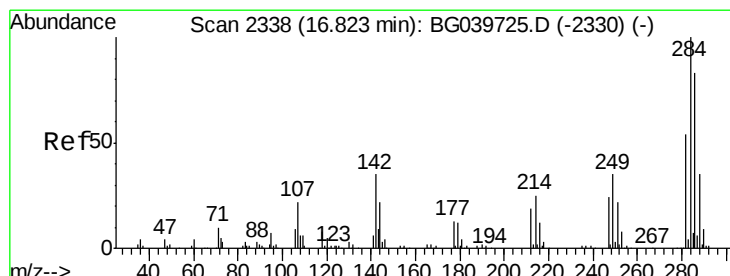
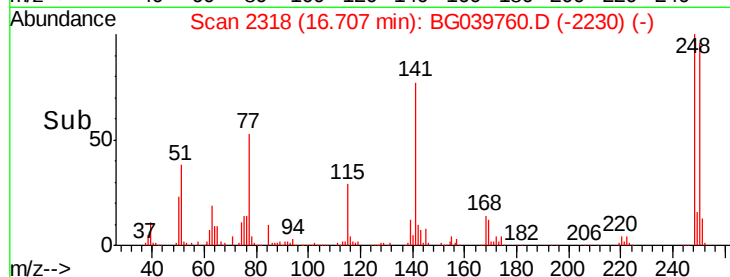
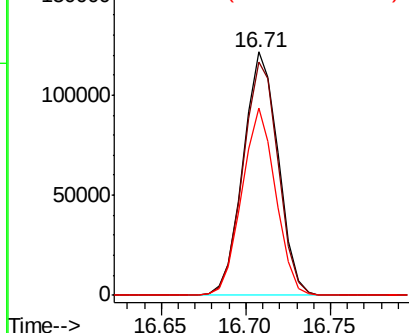
#67
4-Bromophenyl-phenylether
Concen: 45.310 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 175294
Ion Ratio Lower Upper
248 100
250 96.0 77.6 116.4
141 76.8 63.9 95.9

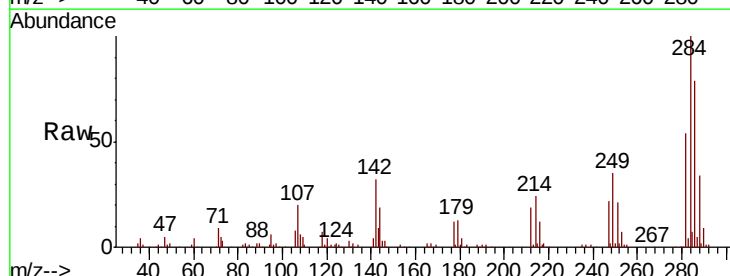


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

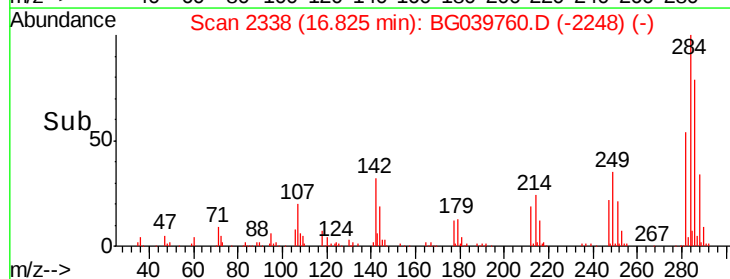
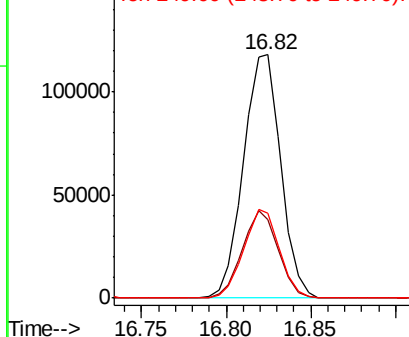


#68
Hexachlorobenzene
Concen: 45.128 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:284 Resp: 180975
Ion Ratio Lower Upper
284 100
142 32.3 30.6 45.8
249 34.7 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

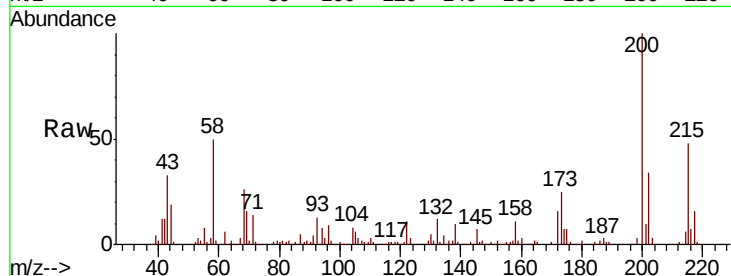




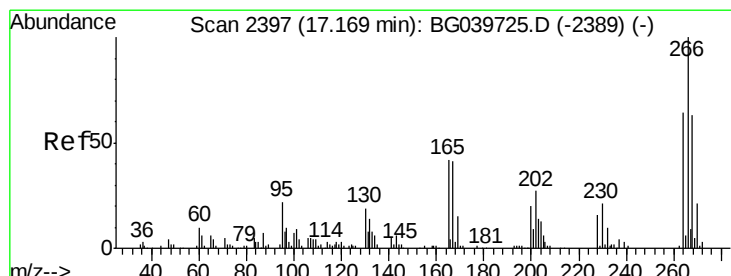
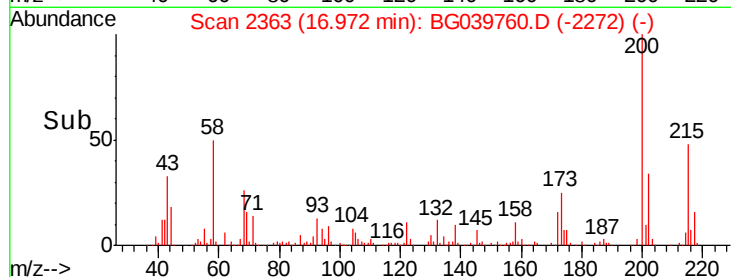
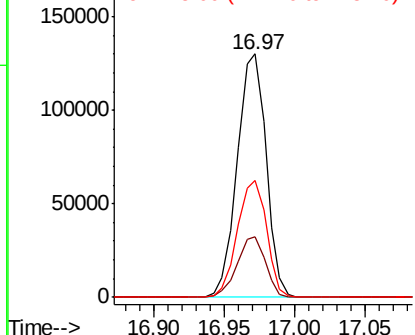
#69
 Atrazine
 Concen: 47.287 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 186218
 Ion Ratio Lower Upper
 200 100
 173 24.7 3.9 43.9
 215 47.9 30.9 70.9

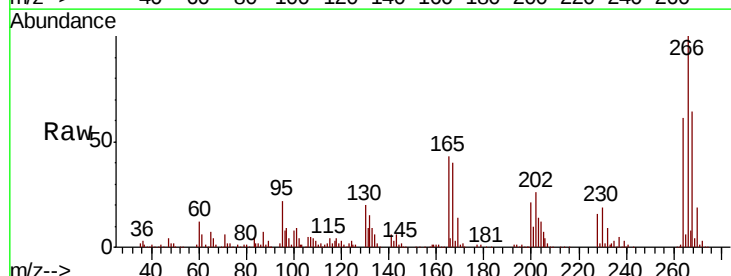


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

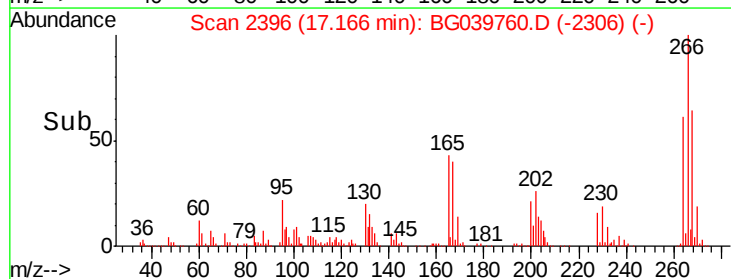
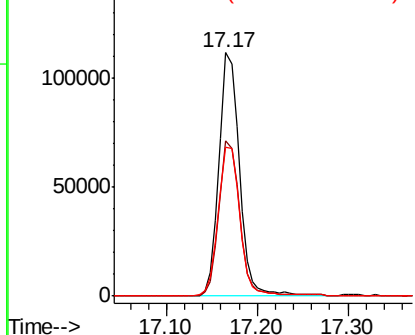


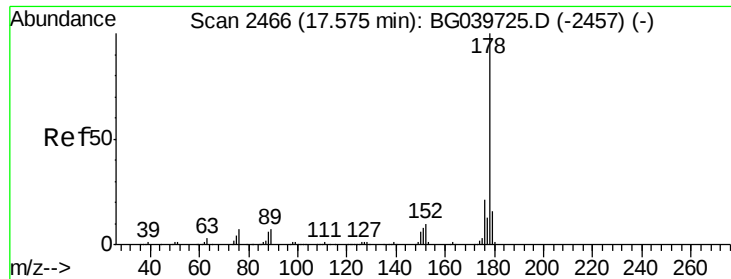
#70
 Pentachlorophenol
 Concen: 69.719 ng
 RT: 17.17 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion:266 Resp: 176577
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 61.3 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

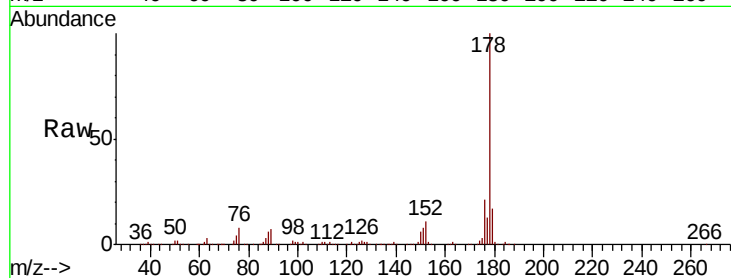




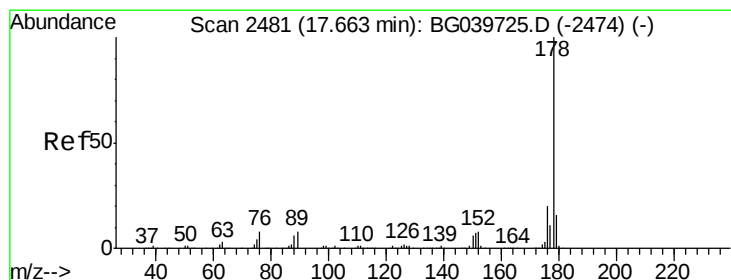
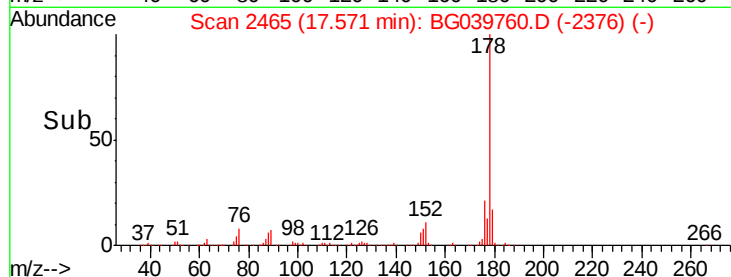
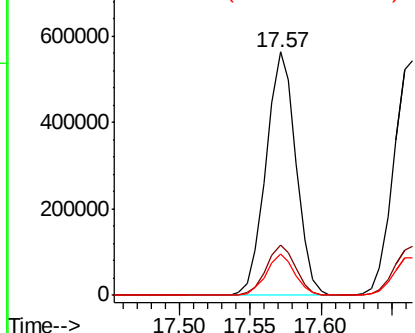
#71
Phenanthrene
Concen: 44.254 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 842509
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.9 12.6 19.0

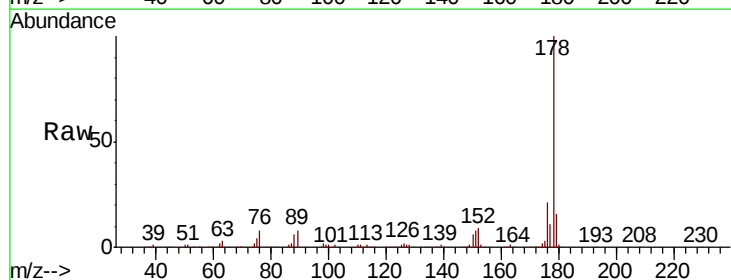


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

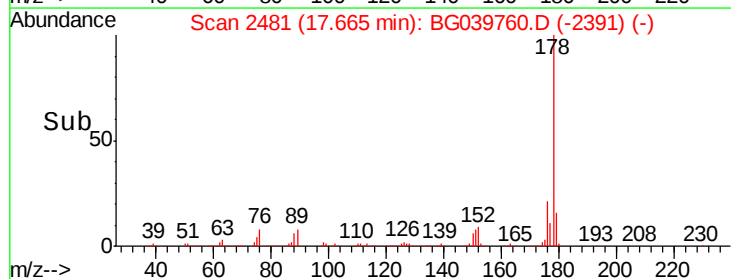
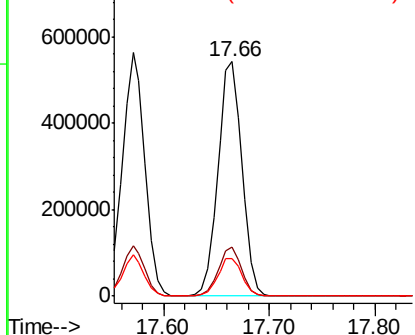


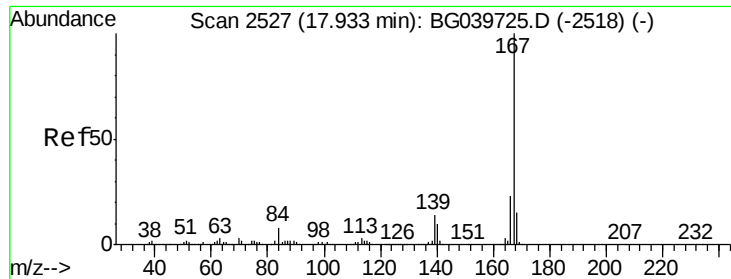
#72
Anthracene
Concen: 46.220 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:178 Resp: 857481
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.6
179 16.0 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

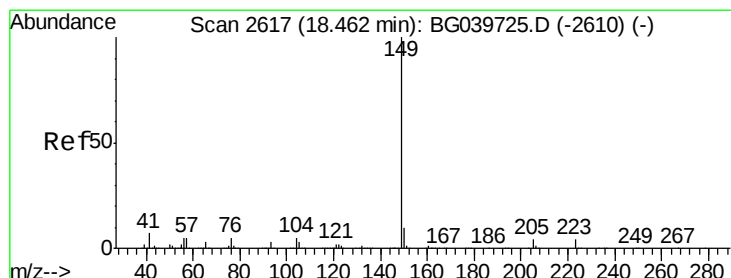
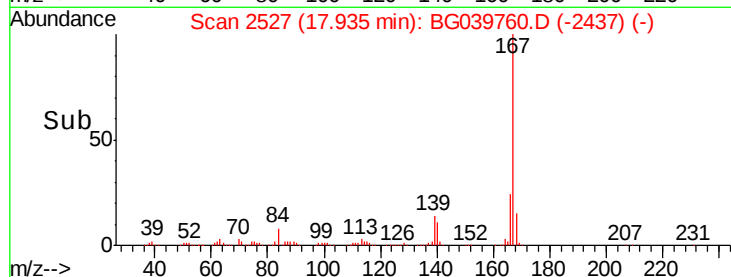
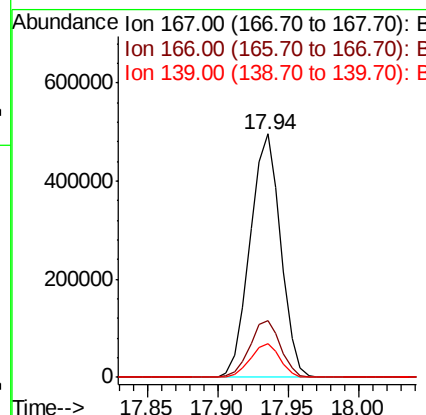
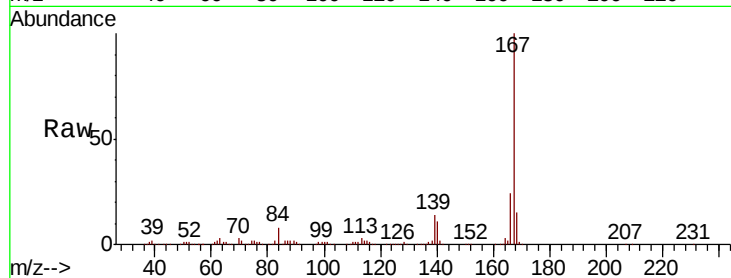




#73
 Carbazole
 Concen: 45.301 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

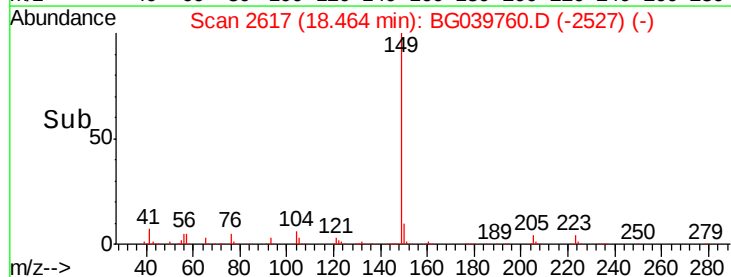
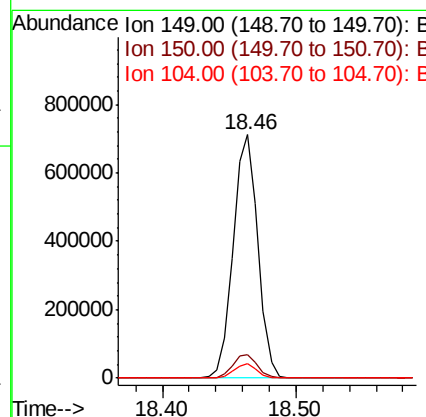
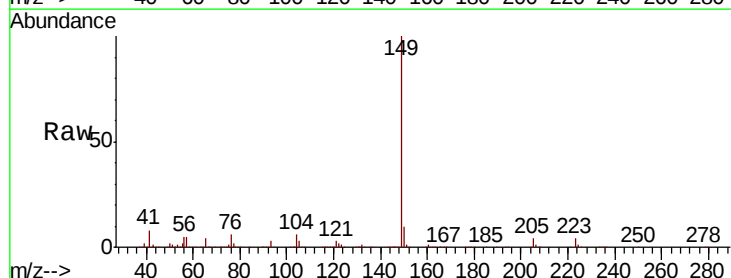
Instrument :
 BNA_G
 ClientSampleId :

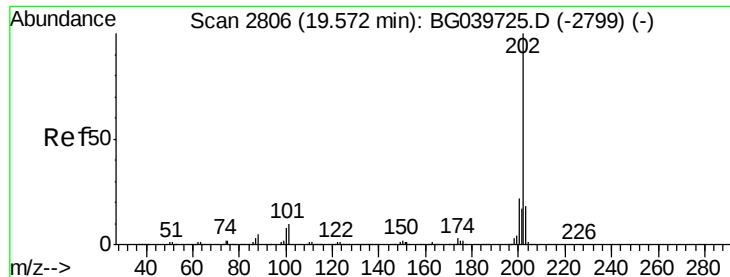
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	13.6	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 46.553 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BG039760.D
 Acq: 5 Mar 2019 10:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.9	4.5	6.7





#75

Fluoranthene

Concen: 44.558 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

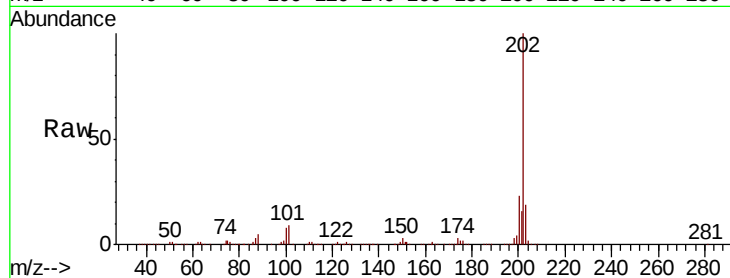
Tot Ion:202 Resp: 1002526

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.0

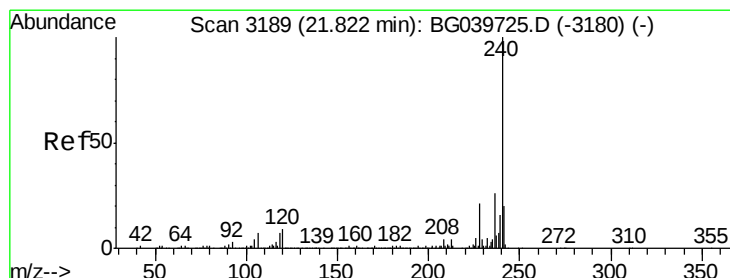
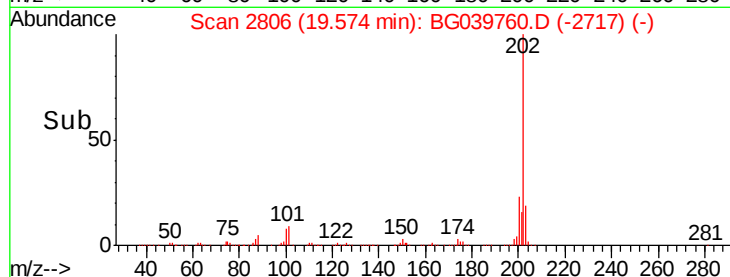
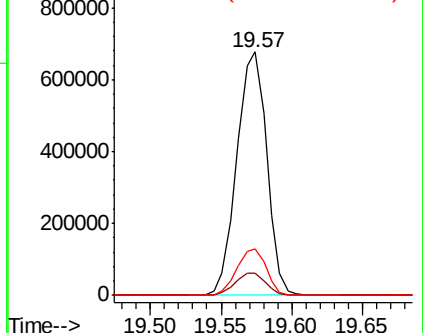
203 19.3 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

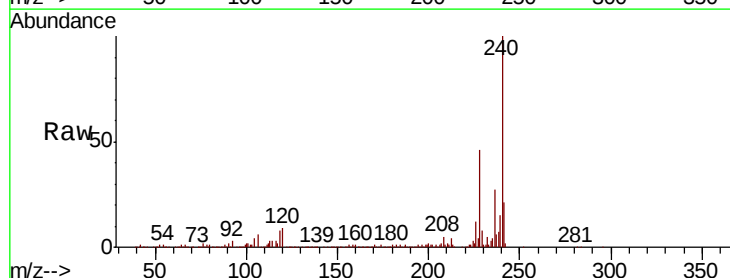
Tgt Ion:240 Resp: 345332

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

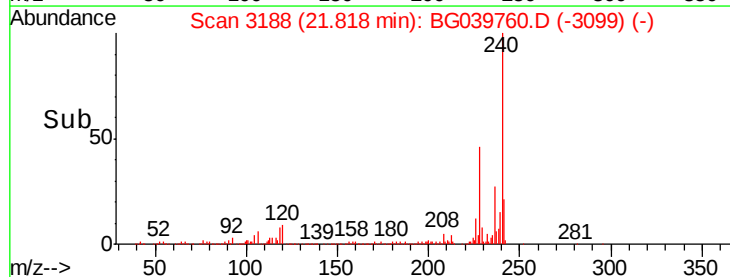
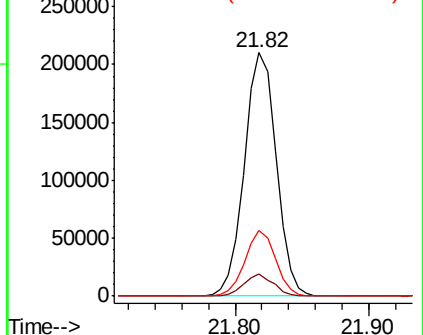
236 26.8 21.0 31.4

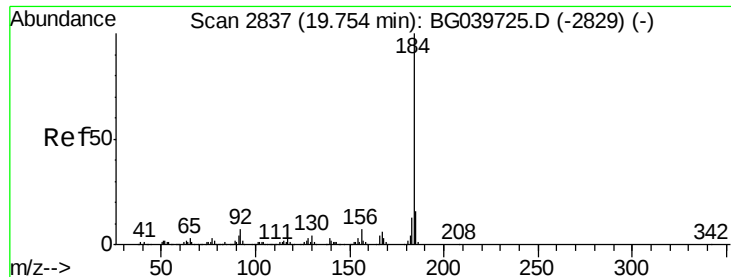


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.861 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

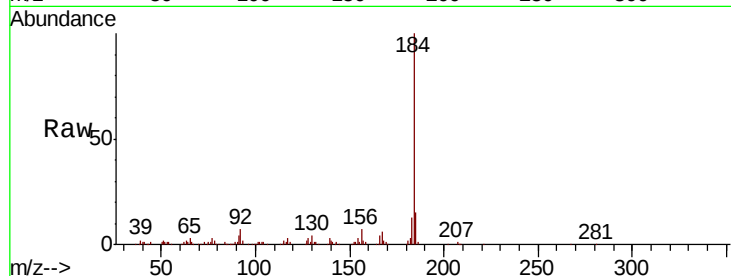
Tot Ion:184 Resp: 108058

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

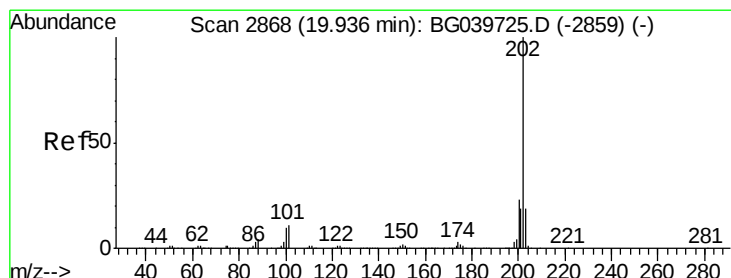
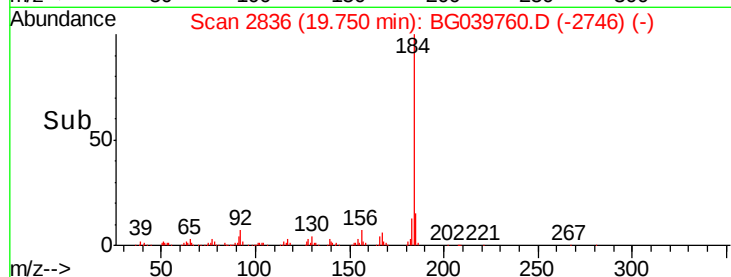
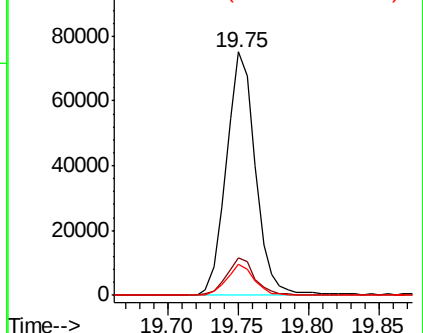
183 13.0 10.6 15.8



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: 45.291 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

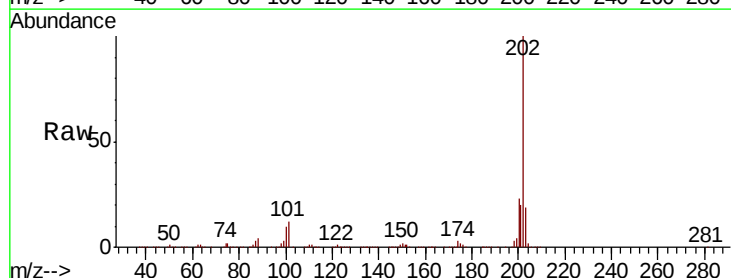
Tgt Ion:202 Resp: 1016320

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.8

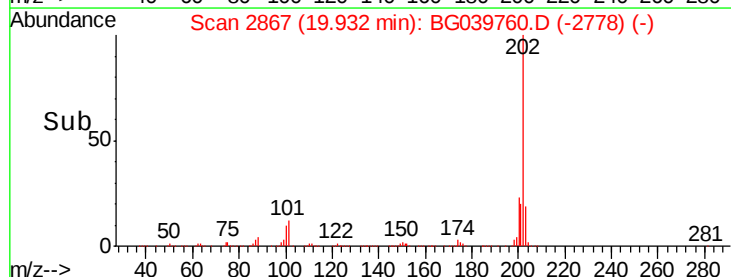
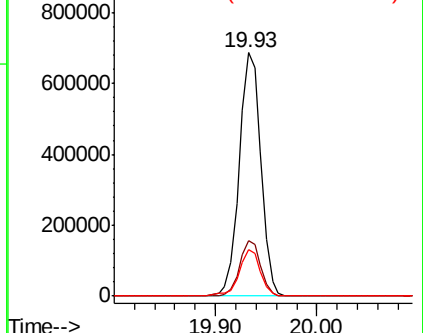
203 19.2 15.3 22.9



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: 96.801 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampled :

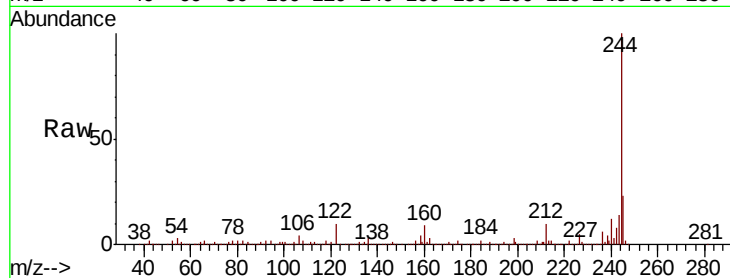
Tot Ion:244 Resp: 1518230

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

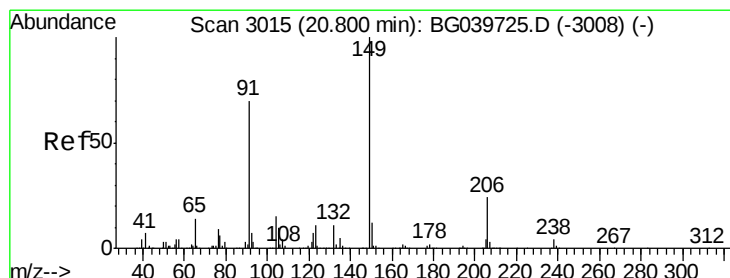
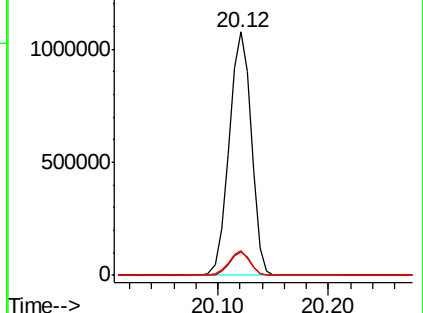
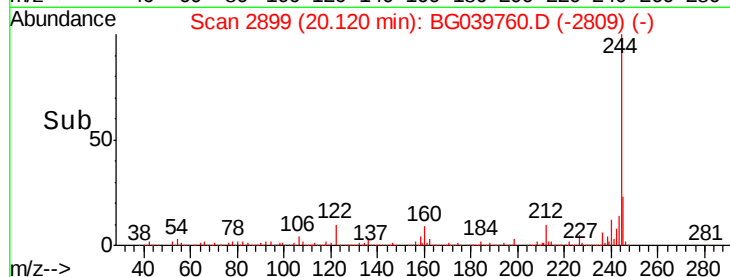
122 10.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.590 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.00 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

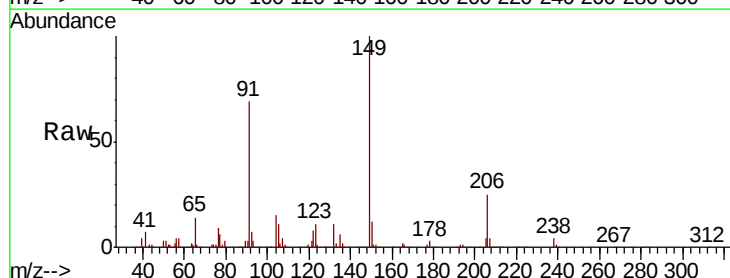
Tgt Ion:149 Resp: 422428

Ion Ratio Lower Upper

149 100

91 69.3 59.5 89.3

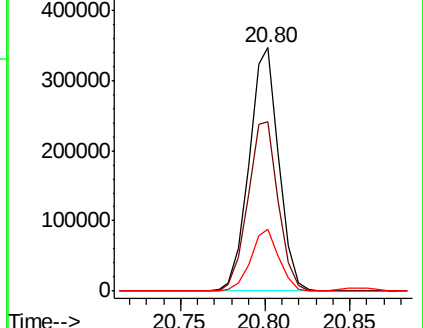
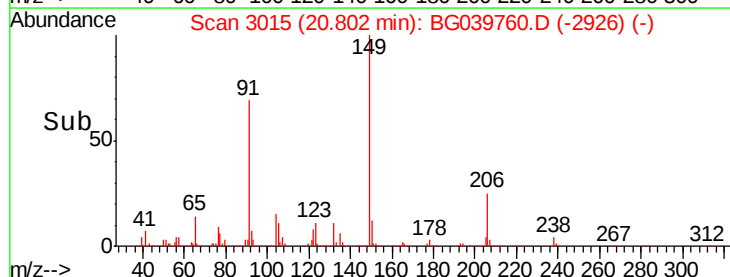
206 25.3 18.6 27.8

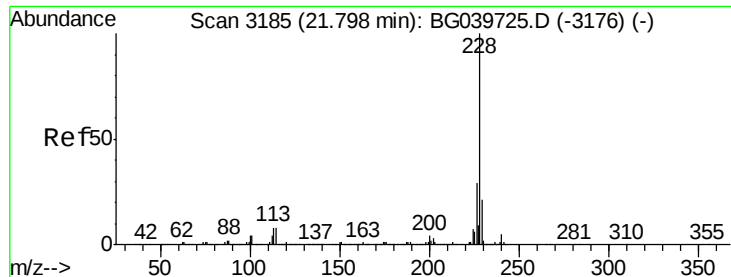


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.655 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

Instrument :

BNA_G

ClientSampleId :

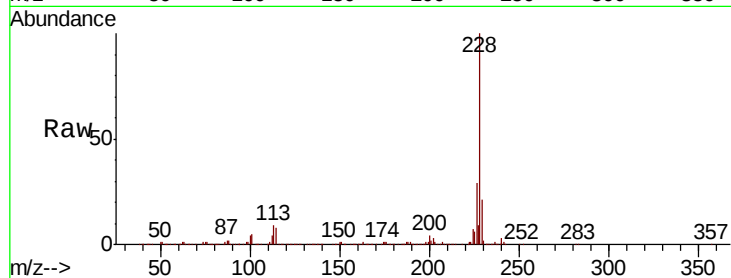
Tot Ion:228 Resp: 966462

Ion Ratio Lower Upper

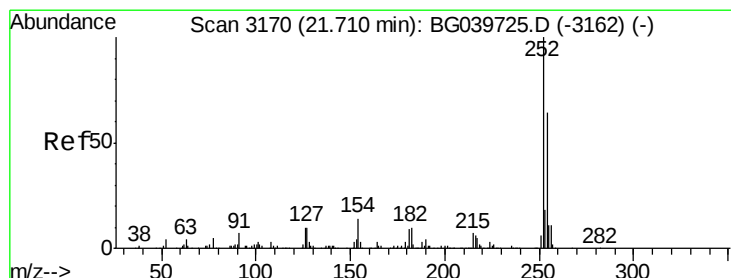
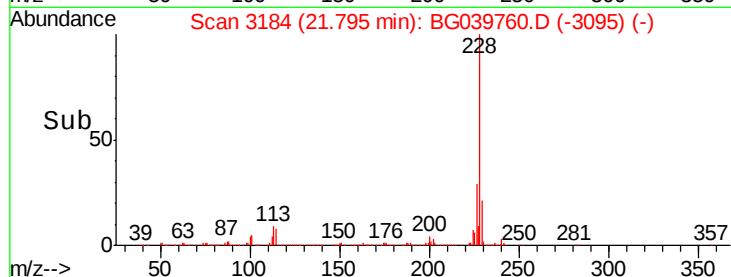
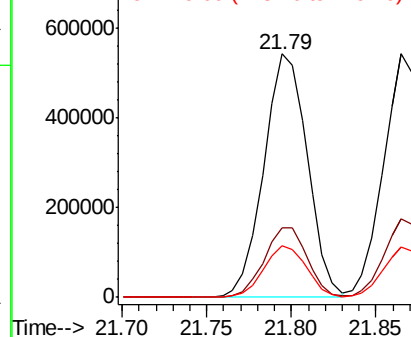
228 100

226 28.7 23.0 34.6

229 21.2 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: 10.307 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG039760.D

Acq: 5 Mar 2019 10:50

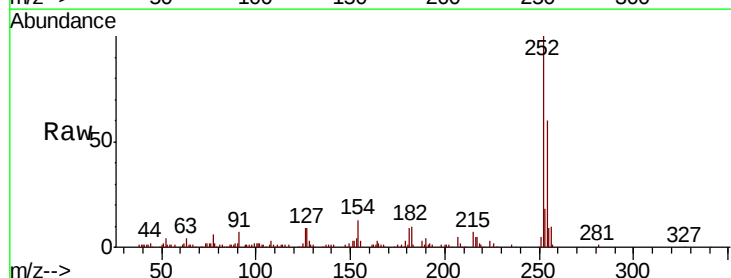
Tgt Ion:252 Resp: 81447

Ion Ratio Lower Upper

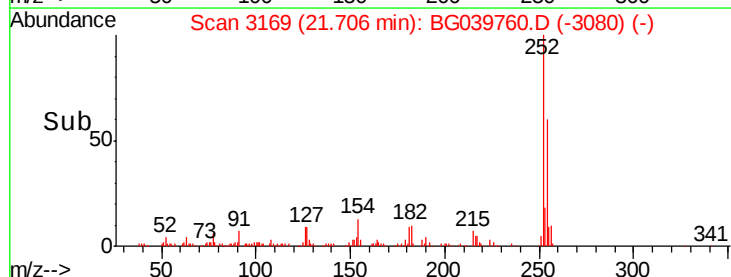
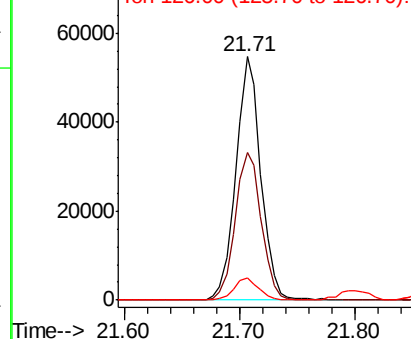
252 100

254 60.4 51.3 76.9

126 9.4 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

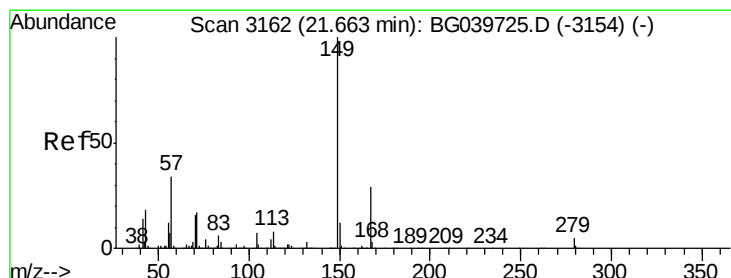
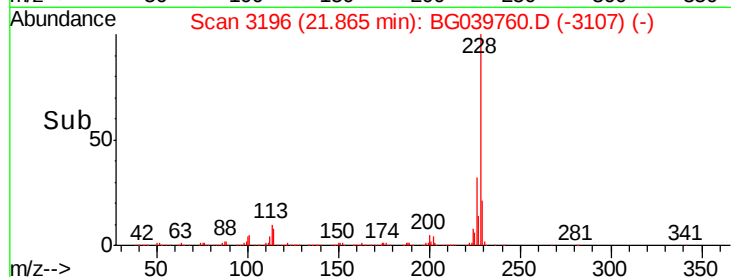
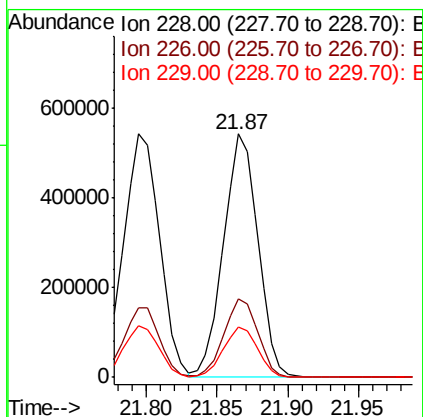
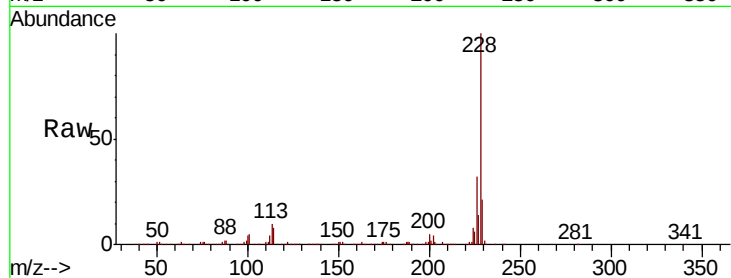




#83
Chrysene
Concen: 43.844 ng
RT: 21.87 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

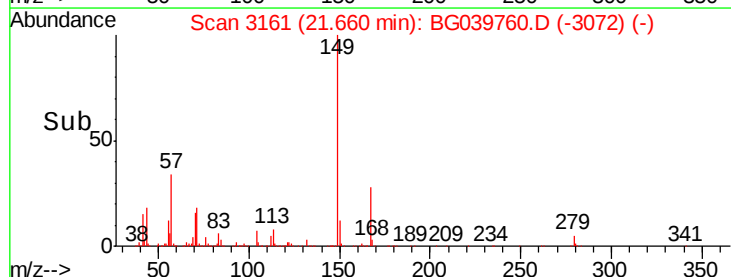
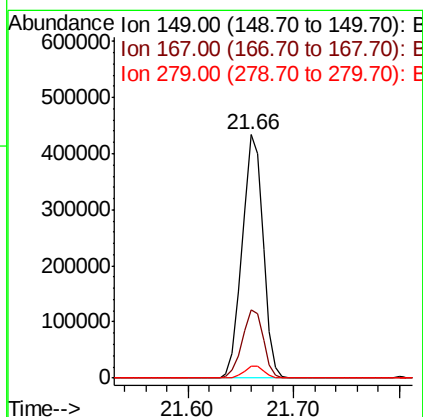
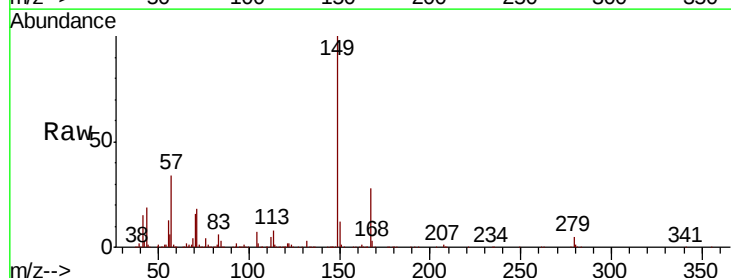
Instrument :
BNA_G
ClientSampleId :

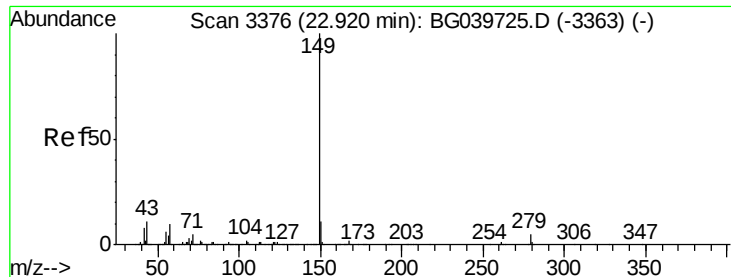
Tot Ion:228 Resp: 919941
Ion Ratio Lower Upper
228 100
226 32.1 25.8 38.6
229 20.9 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.540 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:149 Resp: 593008
Ion Ratio Lower Upper
149 100
167 28.0 22.6 34.0
279 4.8 3.5 5.3

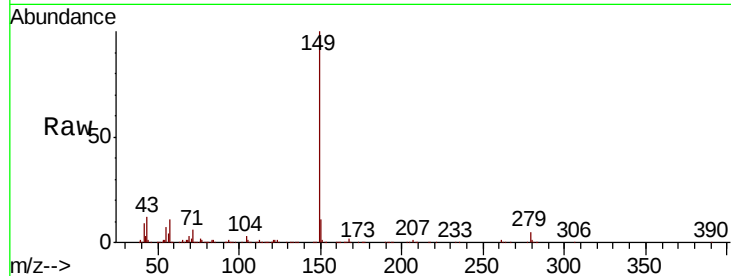




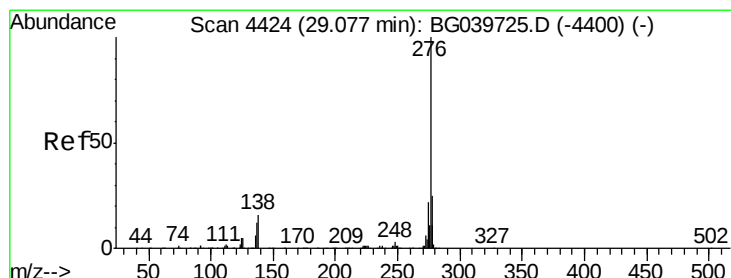
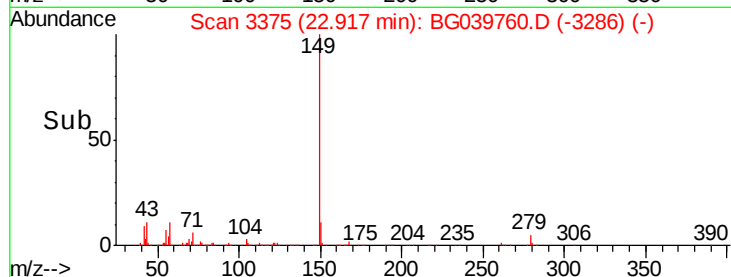
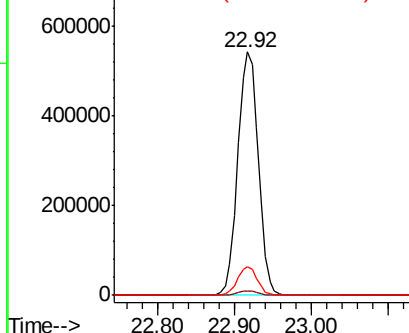
#85
Di-n-octyl phthalate
Concen: 50.245 ng
RT: 22.92 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1016373
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.2 10.2 15.4

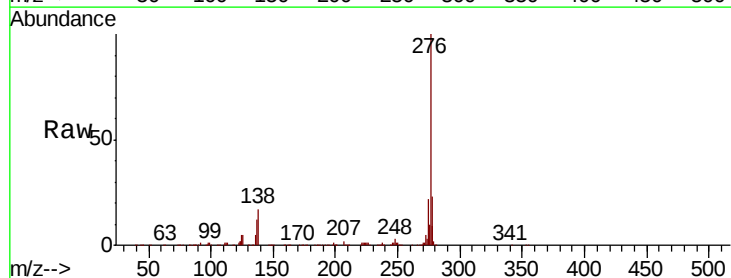


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

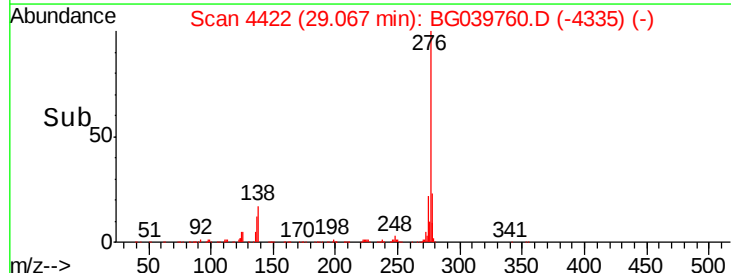
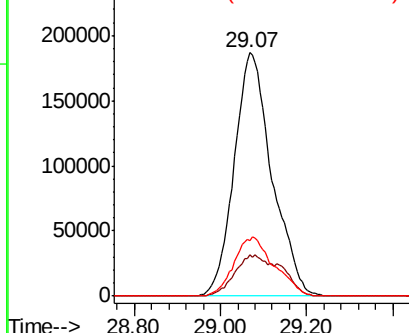


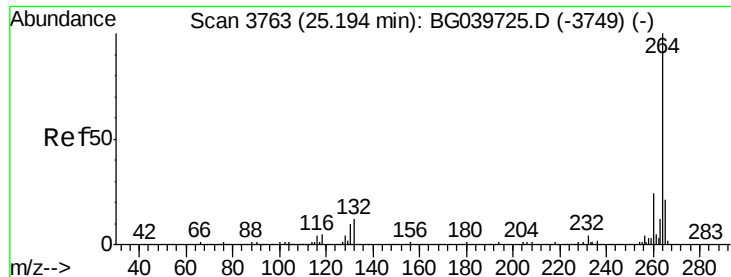
#86
Indeno(1,2,3-cd)pyrene
Concen: 48.058 ng
RT: 29.07 min Scan# 4422
Delta R.T. -0.02 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:276 Resp: 1143951
Ion Ratio Lower Upper
276 100
138 20.9 12.6 19.0#
277 25.9 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



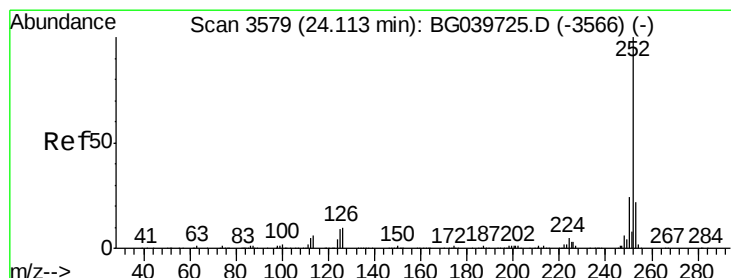
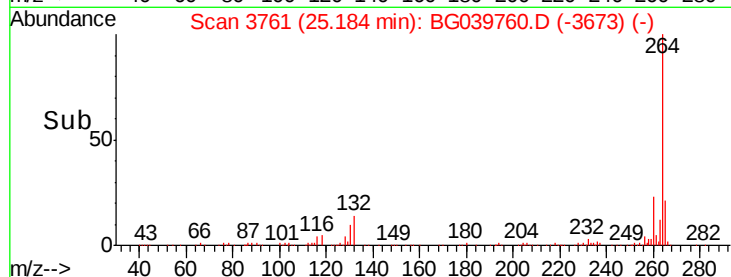
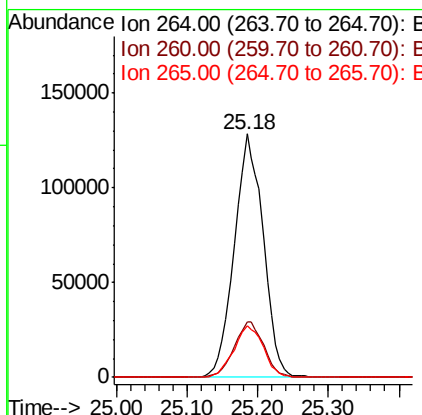
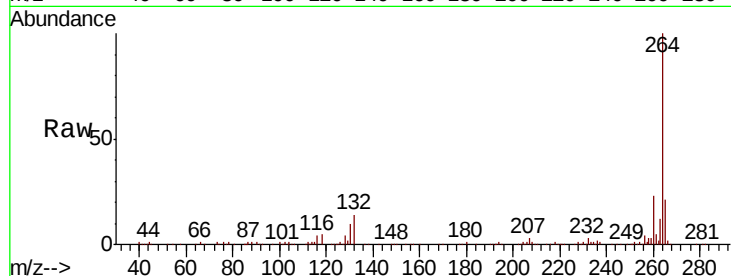


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 364897

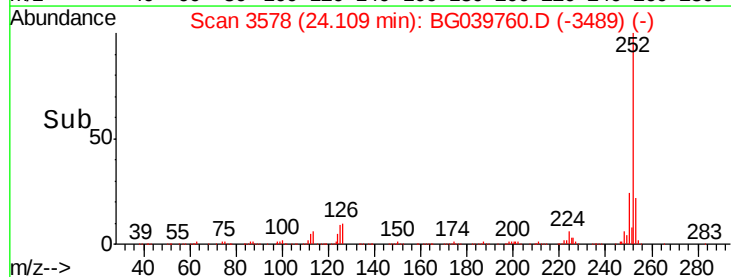
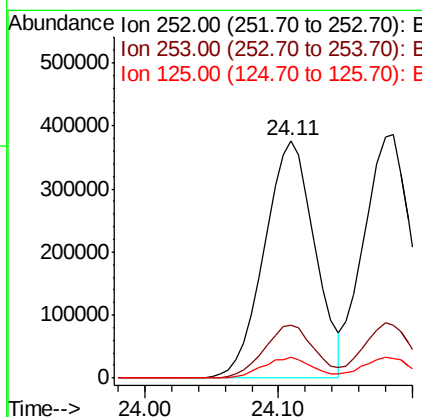
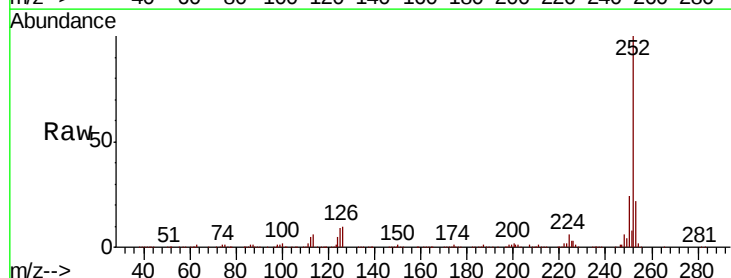
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.0	18.5	27.7

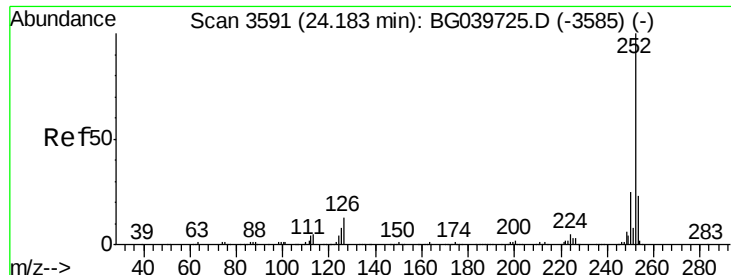


#88
Benzo(b)fluoranthene
Concen: 45.439 ng
RT: 24.11 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:252 Resp: 988735

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.1	7.8	11.6

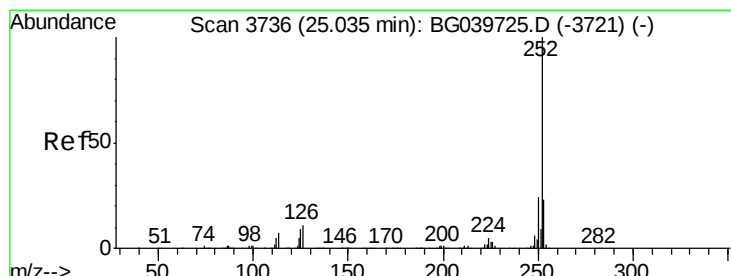
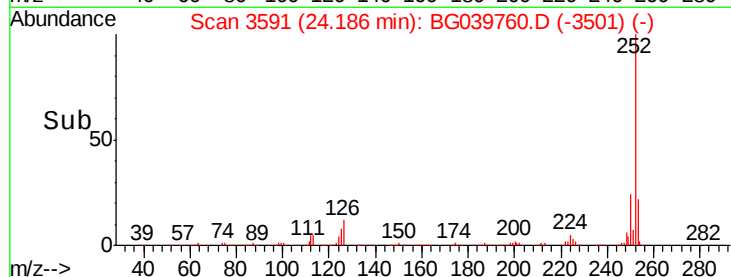
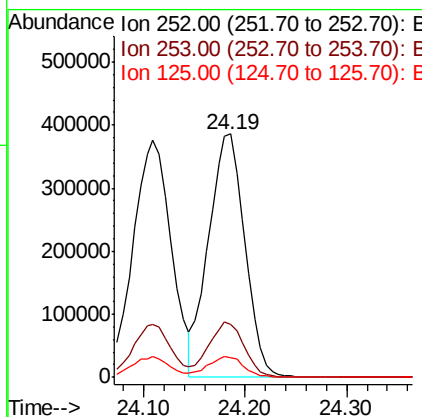
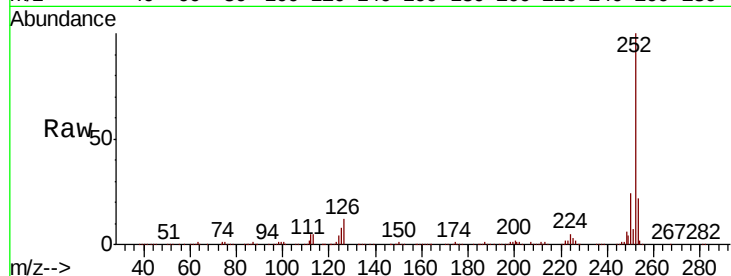




#89
Benzo(k)fluoranthene
Concen: 47.201 ng
RT: 24.19 min Scan# 3591
Delta R.T. -0.00 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

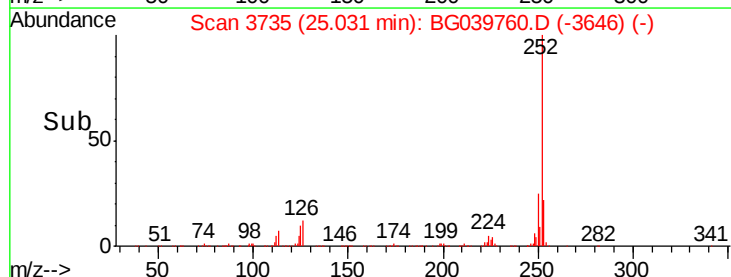
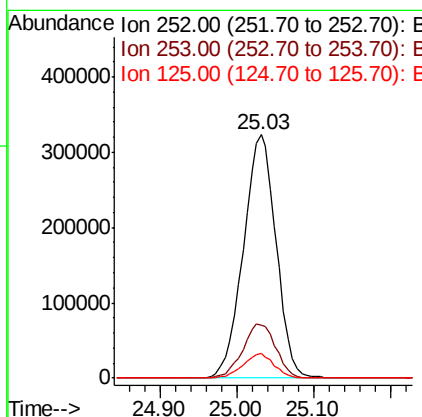
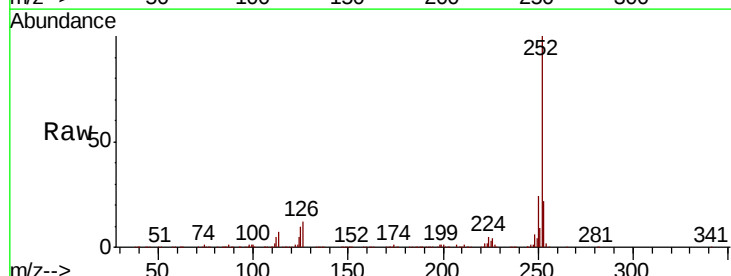
Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 956056
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 8.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 47.707 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:252 Resp: 959255
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 10.3 8.3 12.5

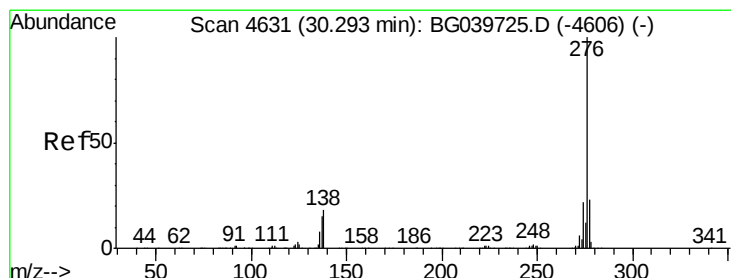
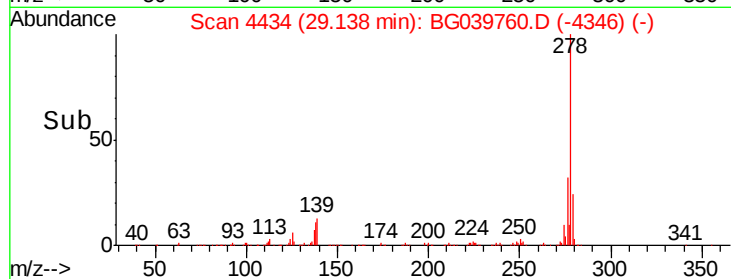
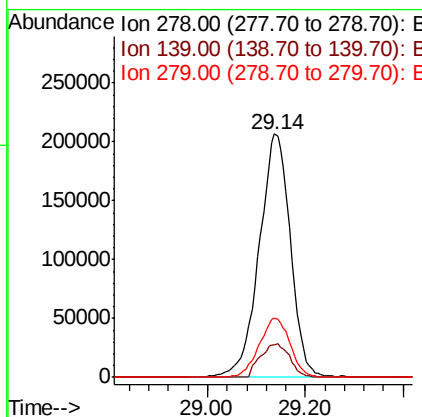
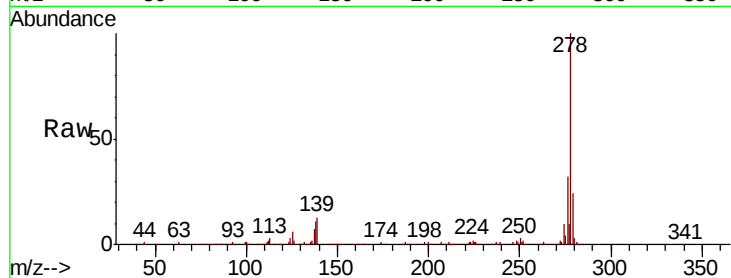




#91
Dibenzo(a,h)anthracene
Concen: 46.747 ng
RT: 29.14 min Scan# 4434
Delta R.T. -0.02 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 921472
Ion Ratio Lower Upper
278 100
139 13.3 11.7 17.5
279 24.2 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 48.123 ng
RT: 30.30 min Scan# 4632
Delta R.T. -0.01 min
Lab File: BG039760.D
Acq: 5 Mar 2019 10:50

Tgt Ion:276 Resp: 952705
Ion Ratio Lower Upper
276 100
277 22.4 19.6 29.4
138 17.5 14.7 22.1

