

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
 Data File : BG039312.D
 Acq On : 29 Jan 2019 10:55
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 29 12:20:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 12:14:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	40809	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	173612	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	115179	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	283347	20.00	ng	0.00
76) Chrysene-d12	21.85	240	289749	20.00	ng	0.00
87) Perylene-d12	25.25	264	292580	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	120895	56.20	ng	0.00
7) Phenol-d6	7.32	99	180563	58.32	ng	0.00
23) Nitrobenzene-d5	9.36	82	129904	40.94	ng	0.00
42) 2,4,6-Tribromophenol	16.30	330	62551	32.40	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	420047	49.91	ng	0.00
79) Terphenyl-d14	20.15	244	725538	46.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.62	88	26278	31.193	ng	98
3) Pyridine	4.02	79	75373	32.927	ng	97
4) n-Nitrosodimethylamine	3.94	42	34014	33.021	ng	# 97
6) Aniline	7.51	93	112287	30.200	ng	98
8) 2-Chlorophenol	7.74	128	66769	26.330	ng	96
9) Benzaldehyde	7.32	77	52594	29.457	ng	93
10) Phenol	7.34	94	94708	30.512	ng	99
11) bis(2-Chloroethyl)ether	7.60	93	74539	31.421	ng	97
12) 1,3-Dichlorobenzene	8.07	146	79486	26.161	ng	99
13) 1,4-Dichlorobenzene	8.22	146	79364	25.792	ng	97
14) 1,2-Dichlorobenzene	8.54	146	76495	26.073	ng	99
15) Benzyl Alcohol	8.42	79	70223	30.119	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.71	45	166803	36.669	ng	99
17) 2-Methylphenol	8.61	107	60665	28.147	ng	97
18) Hexachloroethane	9.28	117	28120	26.899	ng	96
19) n-Nitroso-di-n-propylamine	8.99	70	64067	31.513	ng	95
20) 3+4-Methylphenols	8.93	107	83402	27.141	ng	97
22) Acetophenone	9.02	105	120266	26.526	ng	99
24) Nitrobenzene	9.40	77	72267	22.535	ng	95
25) Isophorone	9.92	82	159646	29.211	ng	98
26) 2-Nitrophenol	10.12	139	22515	12.980	ng	96
27) 2,4-Dimethylphenol	10.15	122	63328	25.950	ng	91
28) bis(2-Chloroethoxy)methane	10.40	93	99498	30.292	ng	100
29) 2,4-Dichlorophenol	10.64	162	71719	23.656	ng	92
30) 1,2,4-Trichlorobenzene	10.86	180	78529	21.558	ng	97
31) Naphthalene	11.06	128	223774	25.699	ng	97
32) Benzoic acid	10.24	122	28866	22.330	ng	94
33) 4-Chloroaniline	11.17	127	103960	26.682	ng	99
34) Hexachlorobutadiene	11.33	225	51299	20.466	ng	93
35) Caprolactam	11.94	113	29551	24.307	ng	98
36) 4-Chloro-3-methylphenol	12.26	107	83543	25.764	ng	96
37) 2-Methylnaphthalene	12.65	142	162194	24.845	ng	98
38) 1-Methylnaphthalene	12.87	142	158991	25.373	ng	97
40) 1,2,4,5-Tetrachlorobenzene	13.01	216	93005	21.501	ng	99

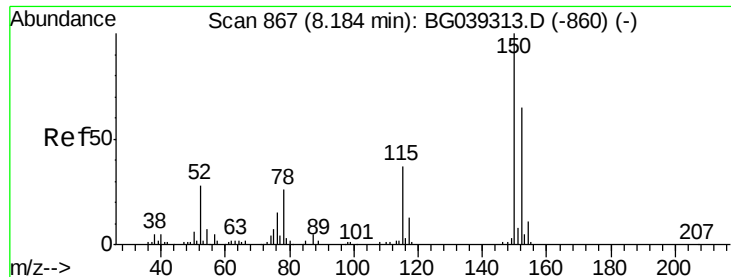
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
 Data File : BG039312.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	49570	23.309	ng	91
43) 2,4,6-Trichlorophenol	13.25	196	57709	21.197	ng	94
44) 2,4,5-Trichlorophenol	13.31	196	61989	21.543	ng	# 95
46) 1,1'-Biphenyl	13.65	154	243608	26.692	ng	98
47) 2-Chloronaphthalene	13.69	162	181133	24.526	ng	95
48) 2-Nitroaniline	13.89	65	38958	18.829	ng	93
49) Acenaphthylene	14.54	152	286458	25.805	ng	98
50) Dimethylphthalate	14.26	163	244470	25.117	ng	99
51) 2,6-Dinitrotoluene	14.39	165	35875	16.486	ng	99
52) Acenaphthene	14.87	154	183673	27.539	ng	98
53) 3-Nitroaniline	14.71	138	39830	18.043	ng	96
54) 2,4-Dinitrophenol	14.91	184	12392	11.019	ng	# 80
55) Dibenzofuran	15.21	168	292268	24.812	ng	99
56) 4-Nitrophenol	14.99	139	34256	21.567	ng	95
57) 2,4-Dinitrotoluene	15.16	165	44489	14.250	ng	# 98
58) Fluorene	15.85	166	220450	24.863	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.42	232	59491	21.903	ng	100
60) Diethylphthalate	15.61	149	252478	25.177	ng	100
61) 4-Chlorophenyl-phenylether	15.84	204	122786	21.981	ng	98
62) 4-Nitroaniline	15.88	138	45594	19.827	ng	94
63) Azobenzene	16.14	77	245879	31.353	ng	99
65) 4,6-Dinitro-2-methylphenol	15.92	198	20532	9.781	ng	92
66) n-Nitrosodiphenylamine	16.05	169	220351	26.233	ng	97
67) 4-Bromophenyl-phenylether	16.74	248	79250	21.758	ng	99
68) Hexachlorobenzene	16.84	284	81186	20.427	ng	98
69) Atrazine	16.99	200	87620	24.555	ng	94
70) Pentachlorophenol	17.19	266	53231	25.033	ng	96
71) Phenanthrene	17.60	178	379197	25.319	ng	99
72) Anthracene	17.69	178	376673	25.437	ng	99
73) Carbazole	17.96	167	381102	26.070	ng	99
74) Di-n-butylphthalate	18.50	149	447752	27.533	ng	99
75) Fluoranthene	19.60	202	451646	24.326	ng	99
77) Benzidine	19.78	184	222081	25.059	ng	99
78) Pyrene	19.96	202	467816	25.335	ng	98
80) Butylbenzylphthalate	20.84	149	196333	27.956	ng	99
81) Benzo(a)anthracene	21.83	228	442493	25.087	ng	98
82) 3,3'-Dichlorobenzidine	21.74	252	166585	23.180	ng	97
83) Chrysene	21.90	228	422299	25.173	ng	98
84) Bis(2-ethylhexyl)phthalate	21.72	149	281027	28.819	ng	100
85) Di-n-octyl phthalate	22.99	149	462235	28.033	ng	100
86) Indeno(1,2,3-cd)pyrene	29.15	276	446782	22.289	ng	93
88) Benzo(b)fluoranthene	24.15	252	404392	25.066	ng	100
89) Benzo(k)fluoranthene	24.23	252	410612	25.742	ng	99
90) Benzo(a)pyrene	25.08	252	393154	25.212	ng	98
91) Dibenzo(a,h)anthracene	29.22	278	367242	23.677	ng	98
92) Benzo(g,h,i)perylene	30.36	276	362760	23.625	ng	98

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

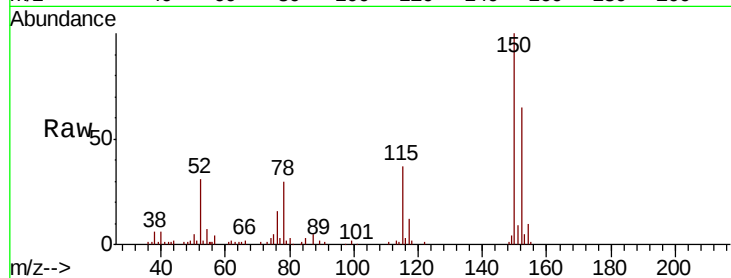


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.7	185.5
115	56.8	45.9	68.9

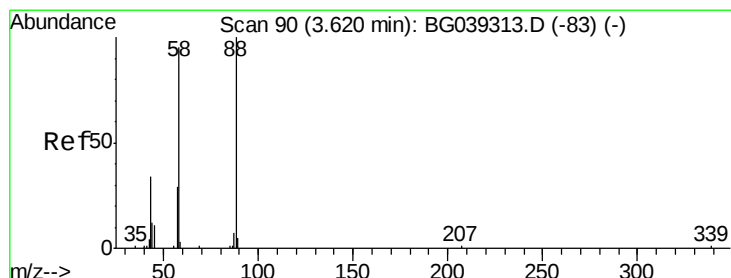
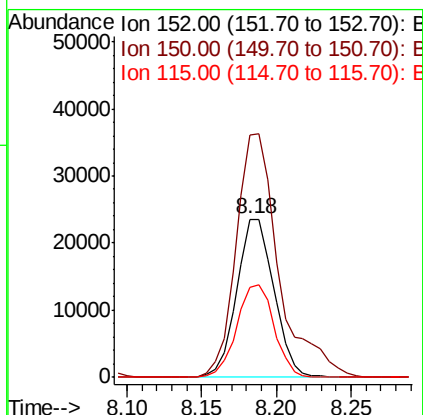
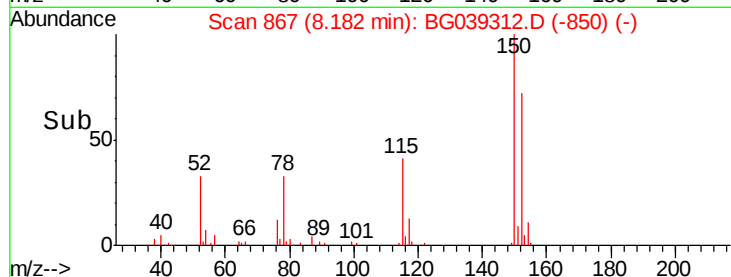


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

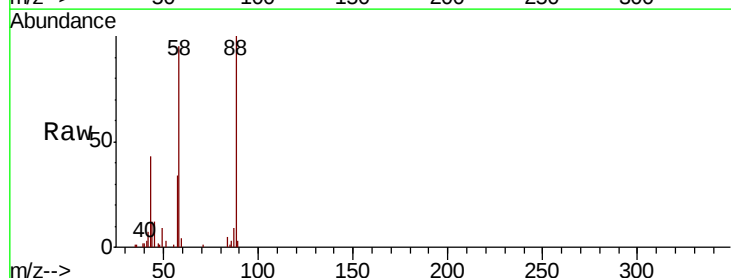
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.193 ng
RT: 3.62 min Scan# 90
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.8	81.1	121.7
43	42.0	31.4	47.0

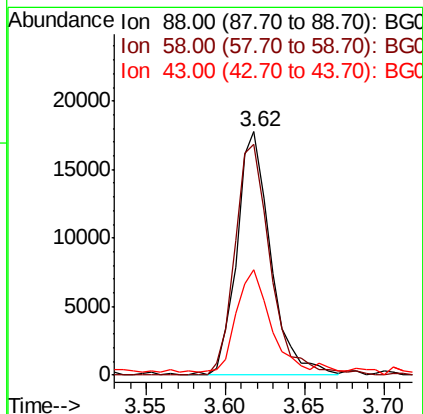
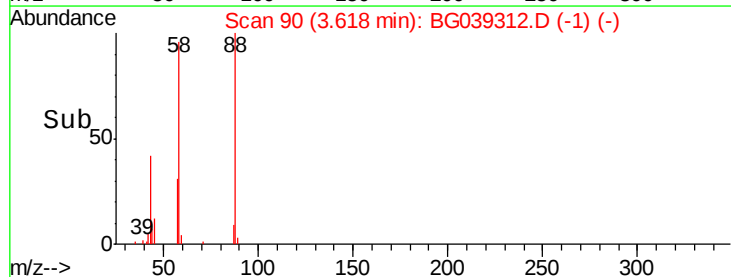


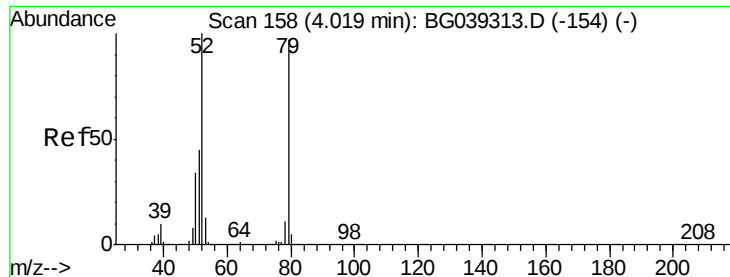
Abundance

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: 32.927 ng

RT: 4.02 min Scan# 159

Delta R.T. 0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampled :

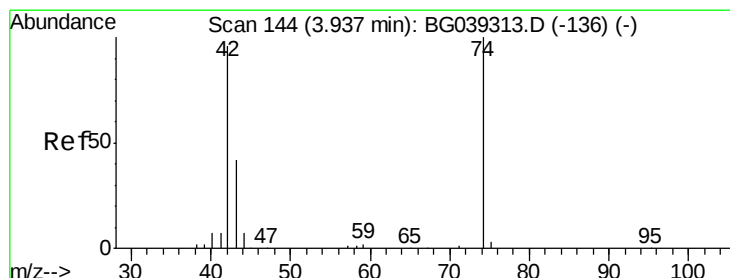
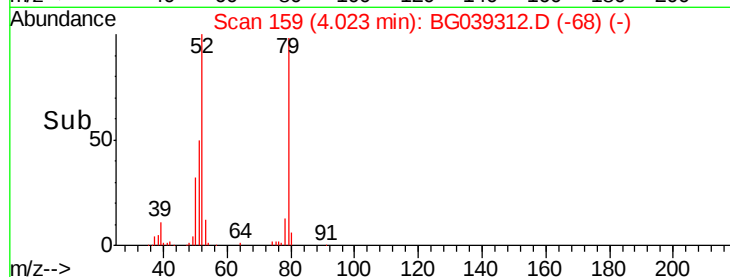
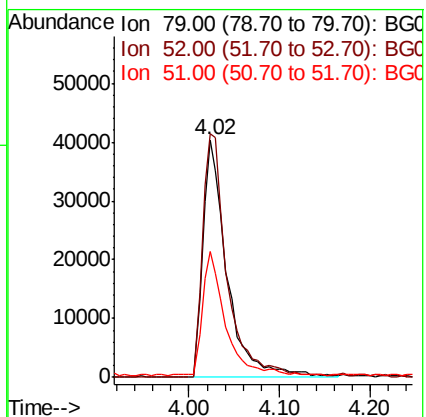
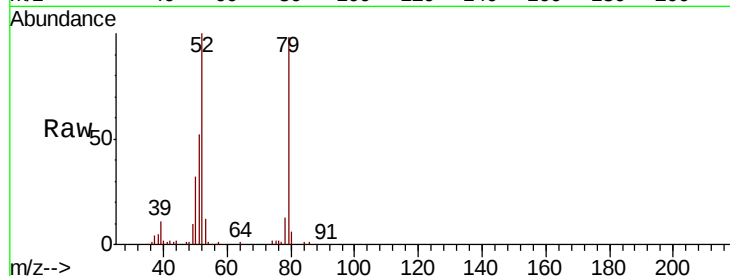
Tot Ion: 79 Resp: 75373

Ion Ratio Lower Upper

79 100

52 102.5 82.6 124.0

51 53.0 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 33.021 ng

RT: 3.94 min Scan# 145

Delta R.T. 0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

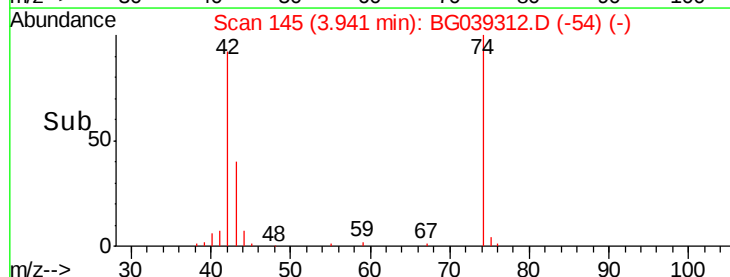
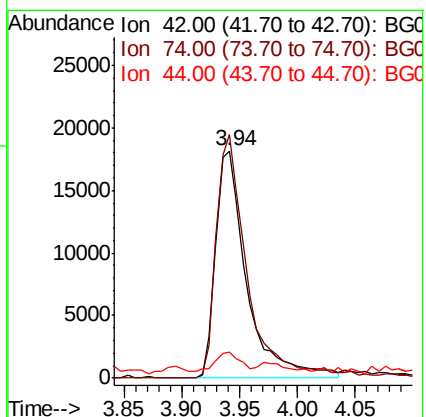
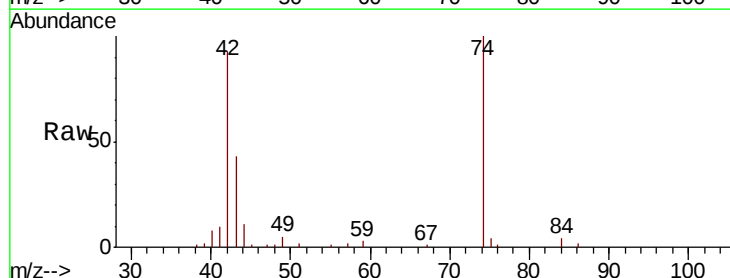
Tgt Ion: 42 Resp: 34014

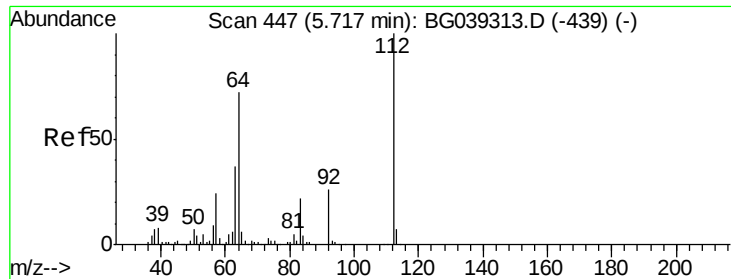
Ion Ratio Lower Upper

42 100

74 107.2 83.6 125.4

44 11.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 56.197 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

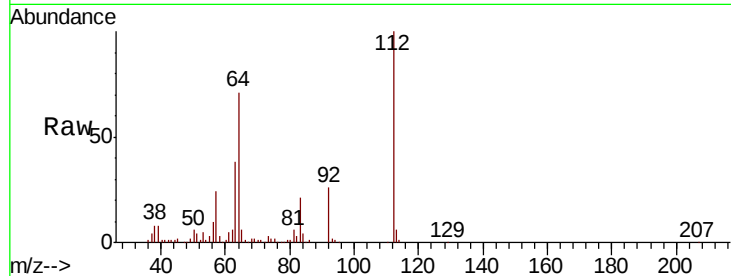
Tot Ion:112 Resp: 120895

Ion Ratio Lower Upper

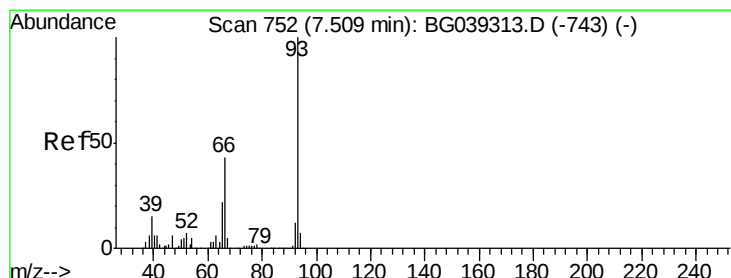
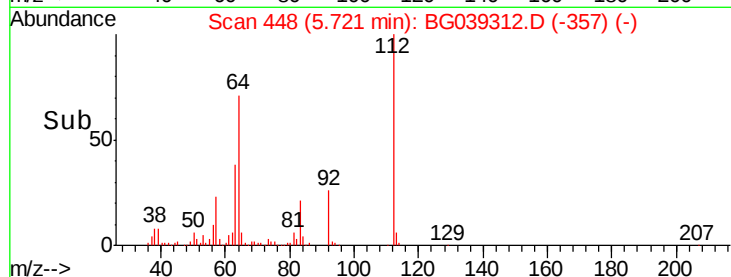
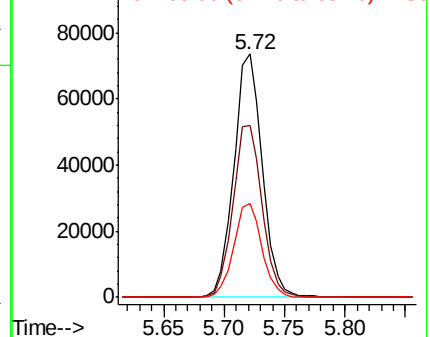
112 100

64 70.5 57.8 86.8

63 38.4 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: 30.200 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

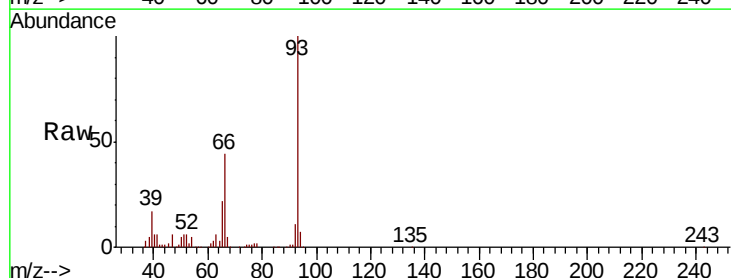
Tgt Ion: 93 Resp: 112287

Ion Ratio Lower Upper

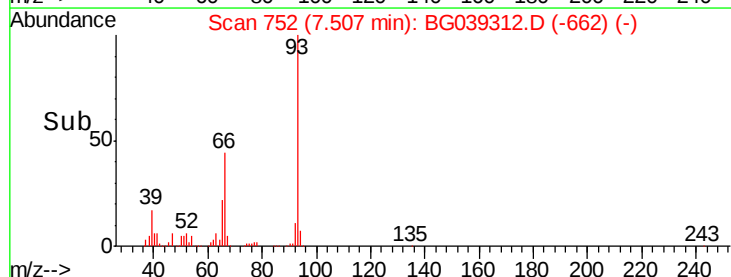
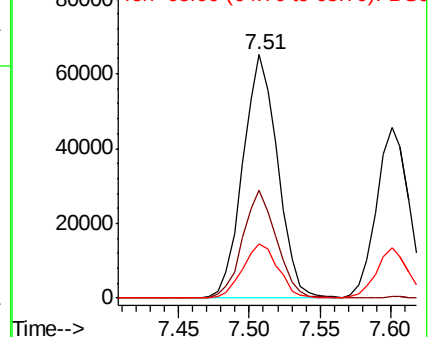
93 100

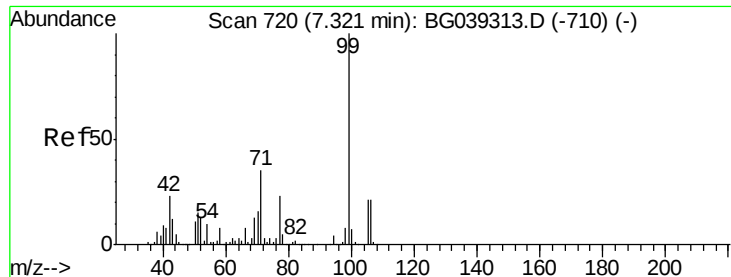
66 44.1 34.2 51.4

65 22.4 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: 58.322 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampled :

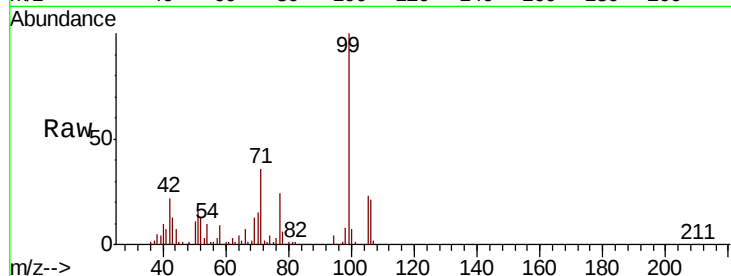
Tot Ion: 99 Resp: 180563

Ion Ratio Lower Upper

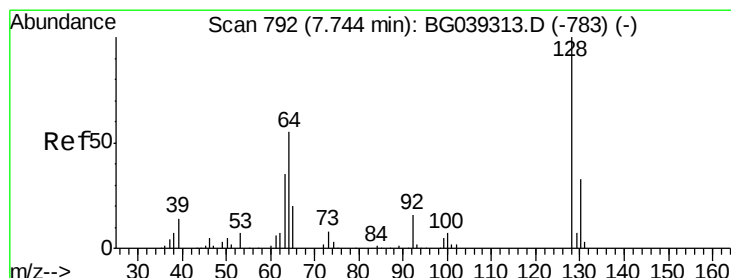
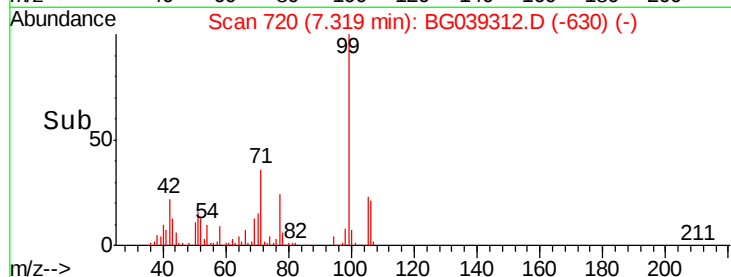
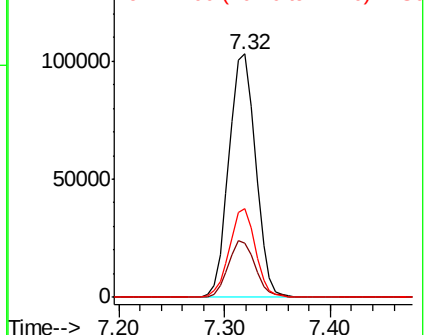
99 100

42 22.4 18.2 27.2

71 36.3 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: 26.330 ng

RT: 7.74 min Scan# 792

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

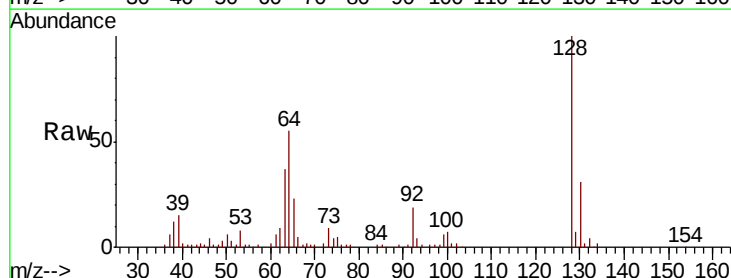
Tgt Ion:128 Resp: 66769

Ion Ratio Lower Upper

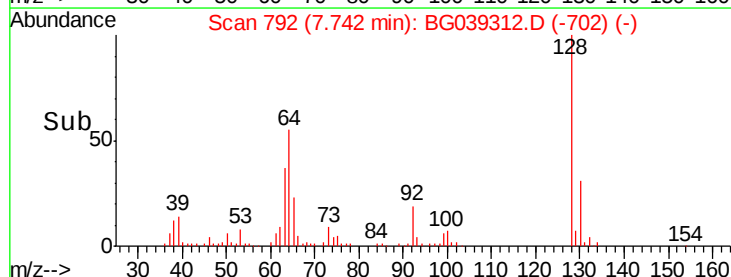
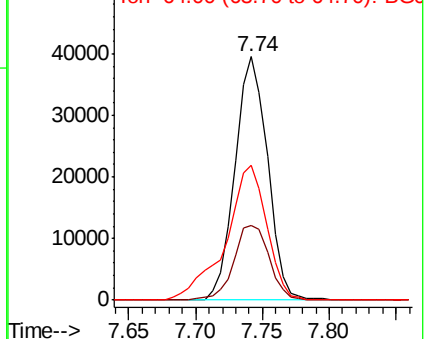
128 100

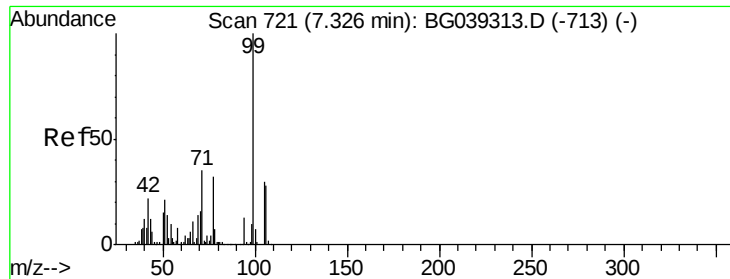
130 30.6 12.9 52.9

64 55.3 38.7 78.7



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





#9

Benzaldehyde

Concen: 29.457 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

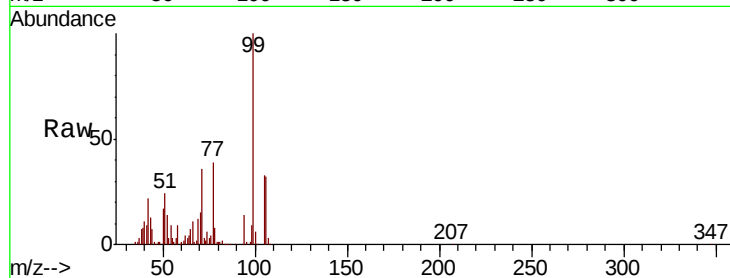
Tot Ion: 77 Resp: 52594

Ion Ratio Lower Upper

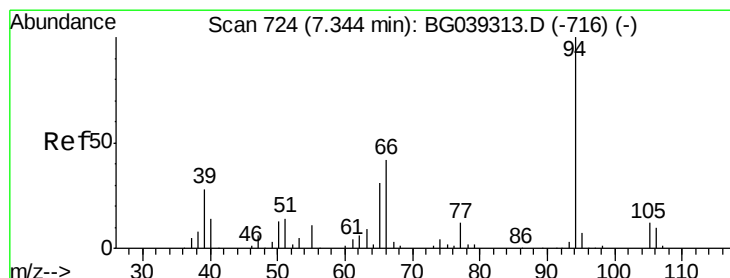
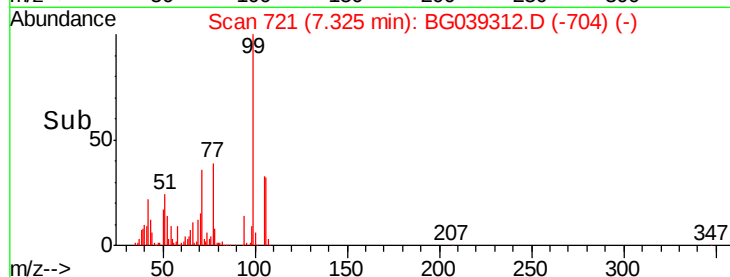
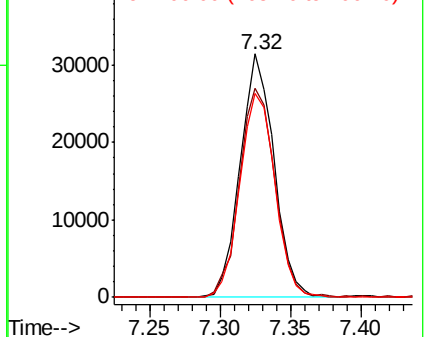
77 100

105 85.9 74.5 114.5

106 83.6 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: 30.512 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

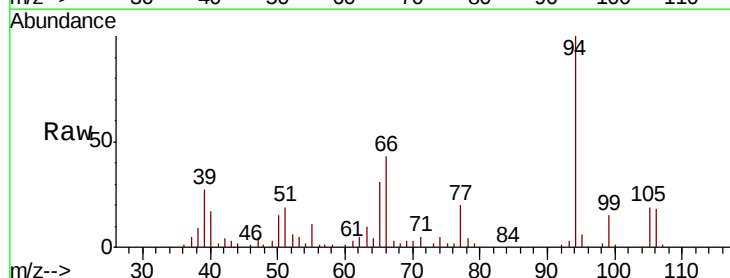
Tgt Ion: 94 Resp: 94708

Ion Ratio Lower Upper

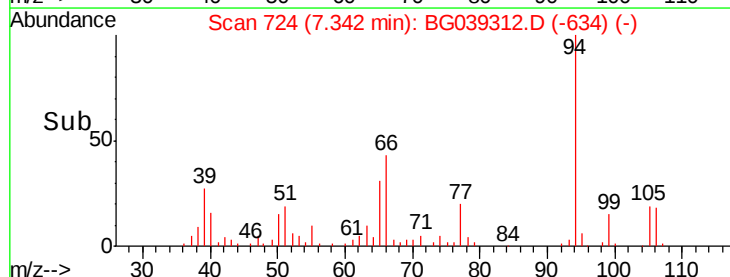
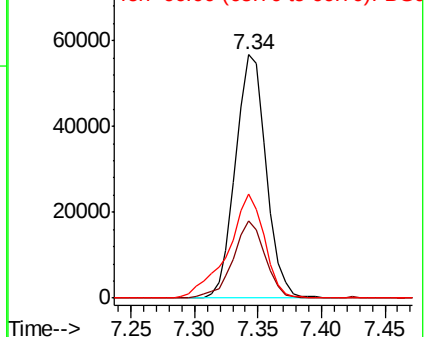
94 100

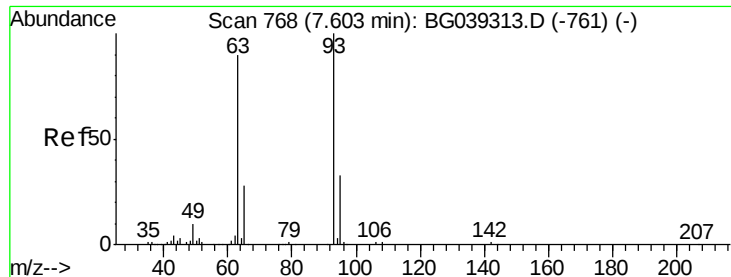
65 31.5 11.7 51.7

66 42.7 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



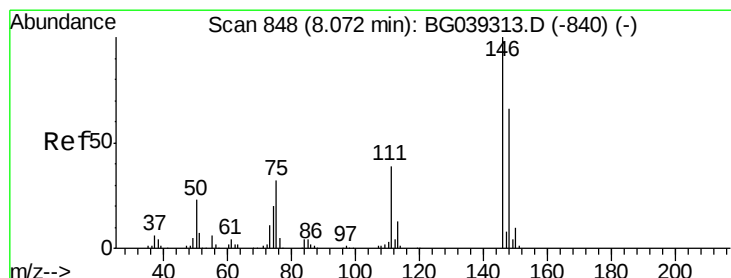
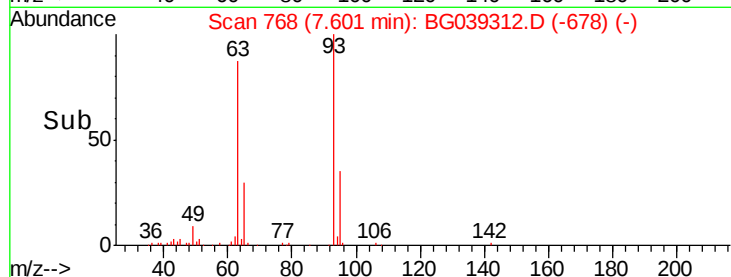
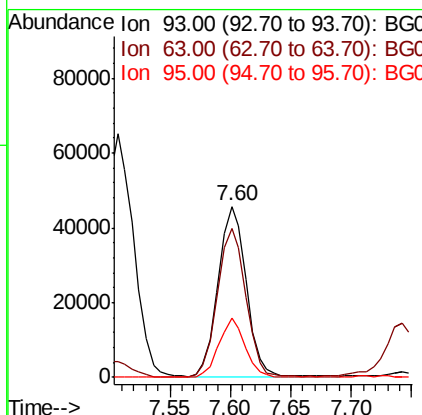
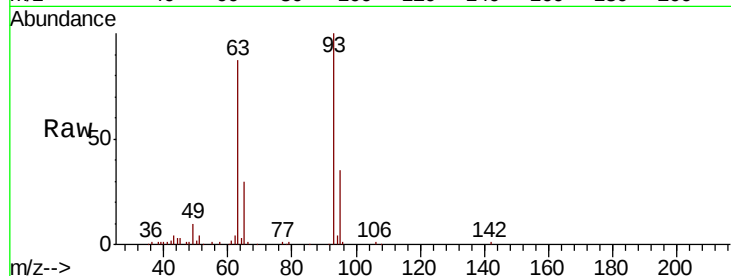


#11
 bis(2-Chloroethyl)ether
 Concen: 31.421 ng
 RT: 7.60 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 93 Resp: 74539

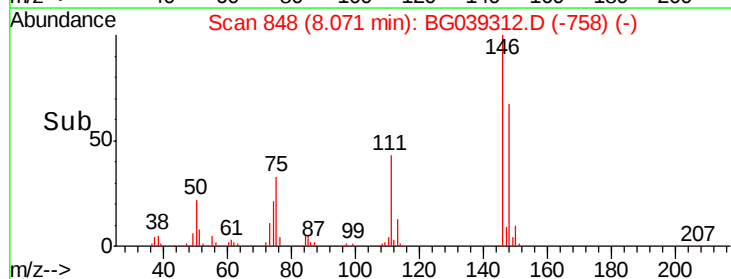
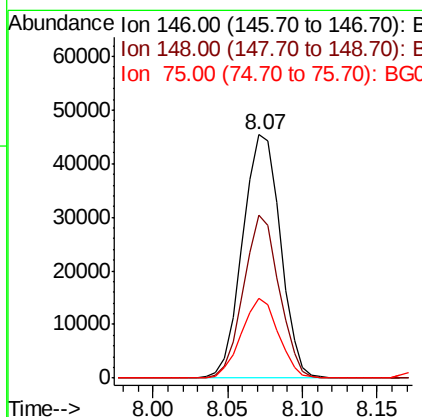
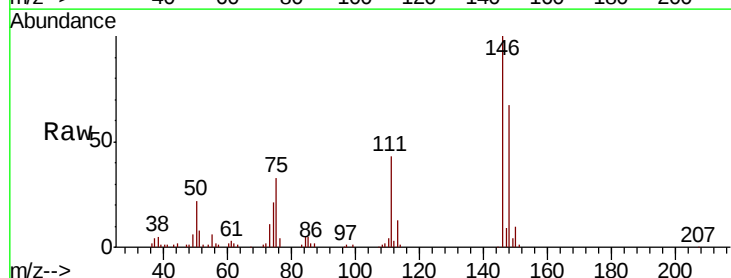
Ion	Ratio	Lower	Upper
93	100		
63	87.3	69.5	109.5
95	34.7	12.7	52.7

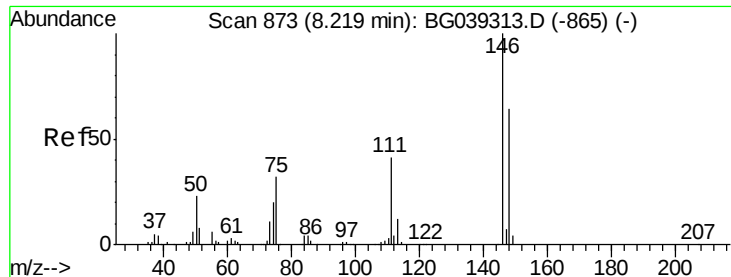


#12
 1,3-Dichlorobenzene
 Concen: 26.161 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion: 146 Resp: 79486

Ion	Ratio	Lower	Upper
146	100		
148	66.9	52.6	79.0
75	32.8	25.8	38.6

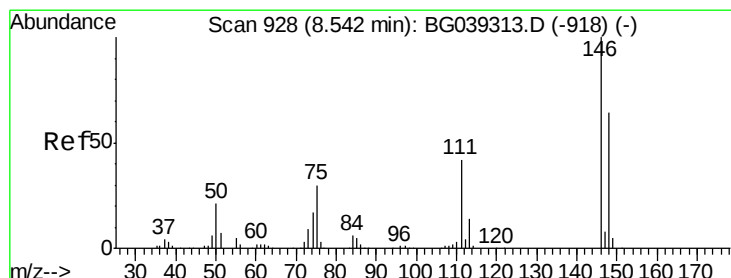
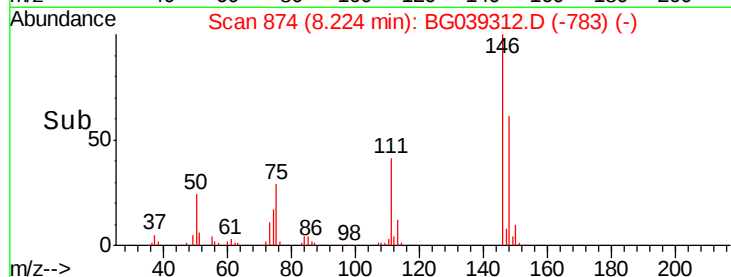
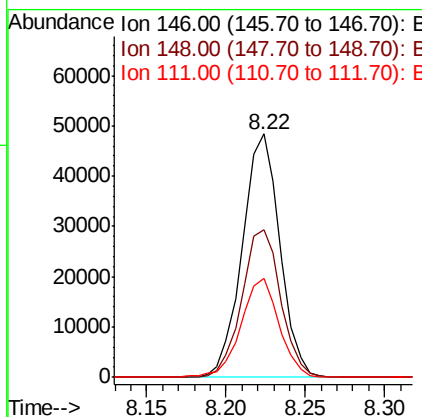
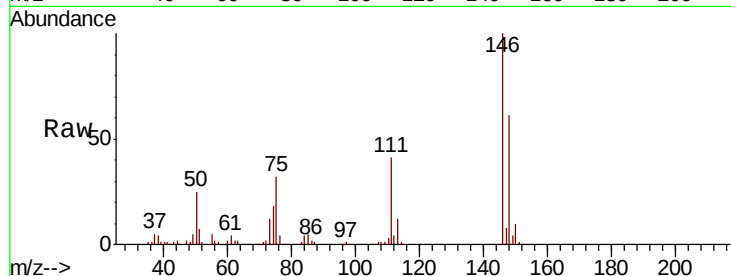




#13
 1,4-Dichlorobenzene
 Concen: 25.792 ng
 RT: 8.22 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

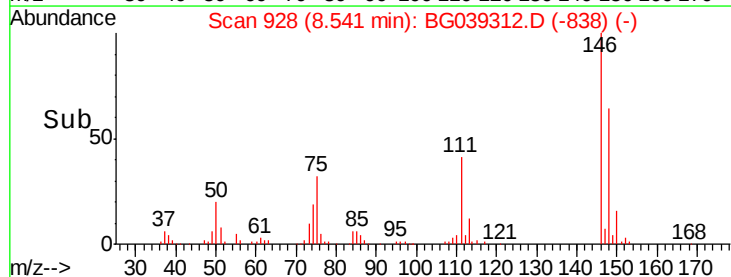
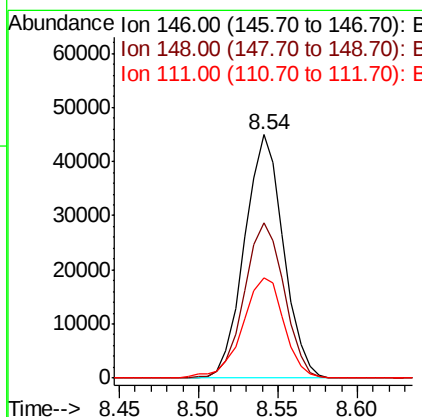
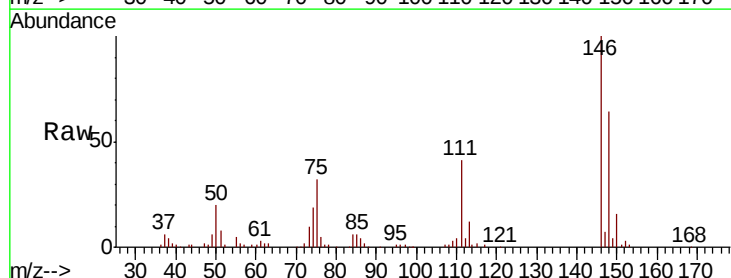
Instrument :
 BNA_G
 ClientSampleId :

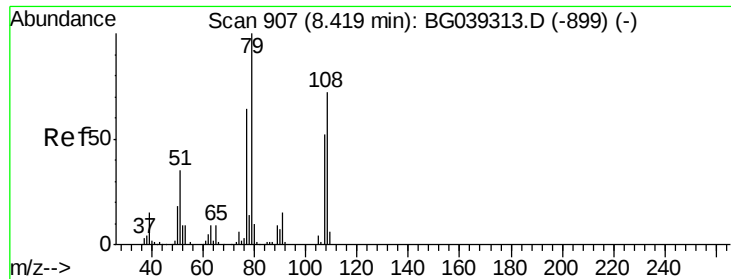
Tot Ion:146 Resp: 79364
 Ion Ratio Lower Upper
 146 100
 148 60.7 51.1 76.7
 111 40.5 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 26.073 ng
 RT: 8.54 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion:146 Resp: 76495
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.5 77.3
 111 41.2 33.8 50.6





#15

Benzyl Alcohol

Concen: 30.119 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampled :

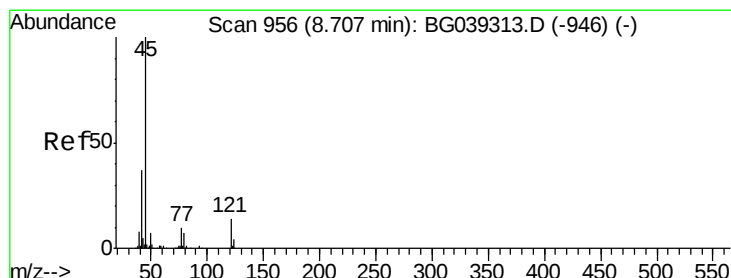
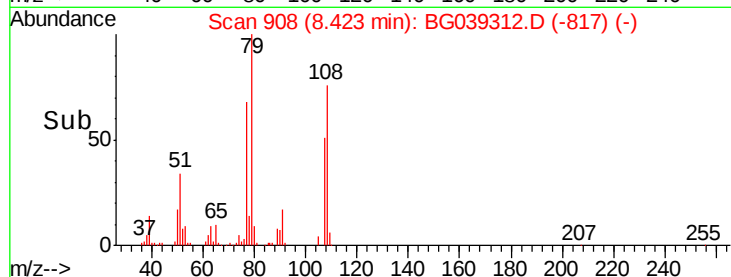
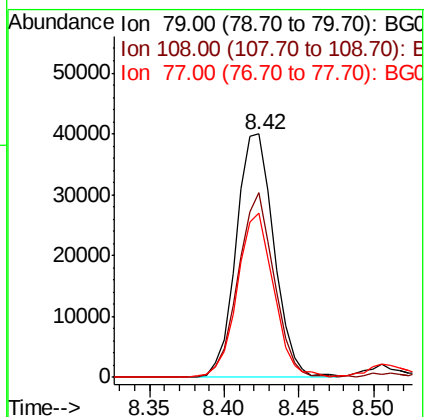
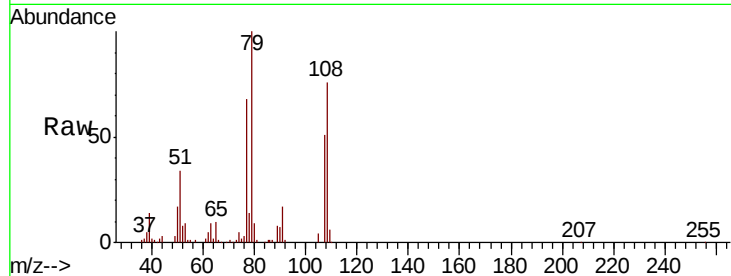
Tot Ion: 79 Resp: 70223

Ion Ratio Lower Upper

79 100

108 75.8 57.8 86.6

77 67.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.669 ng

RT: 8.71 min Scan# 957

Delta R.T. 0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

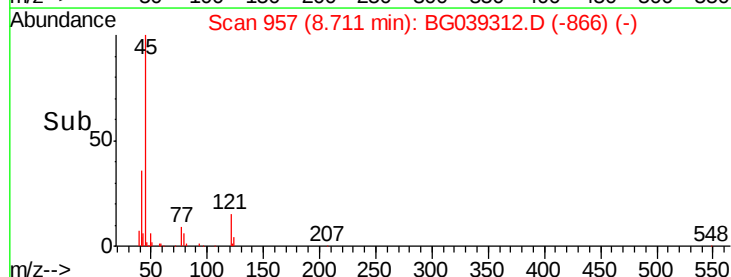
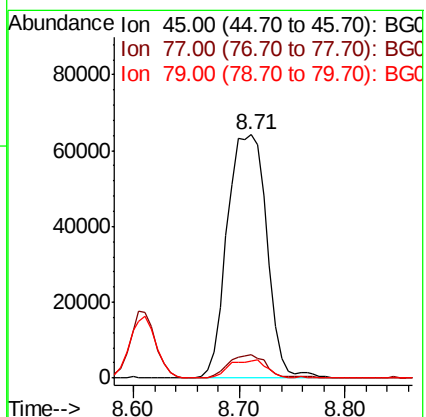
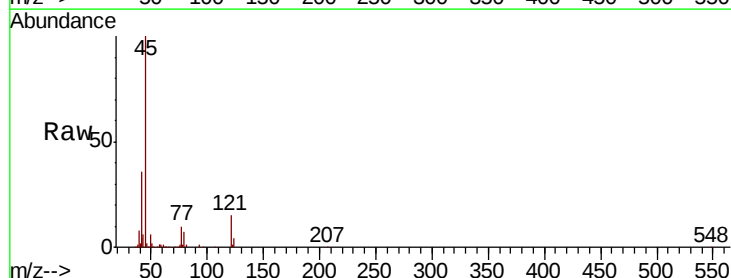
Tgt Ion: 45 Resp: 166803

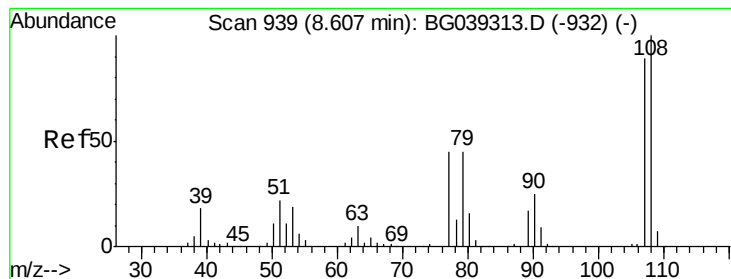
Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.0

79 7.1 0.0 27.5

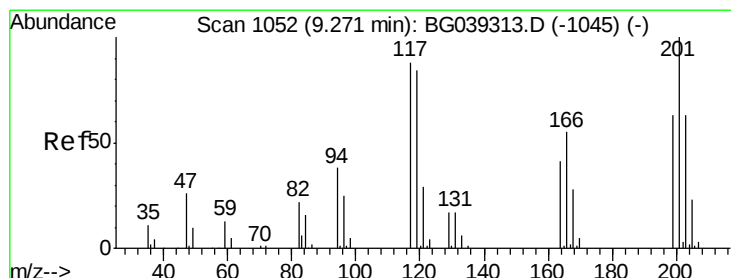
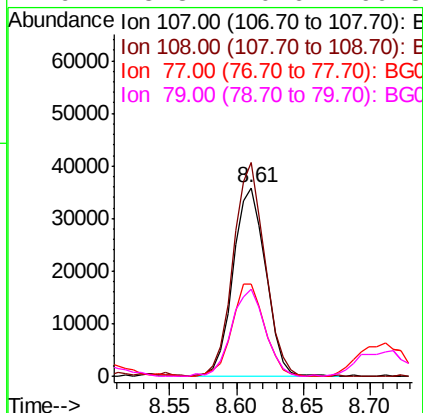
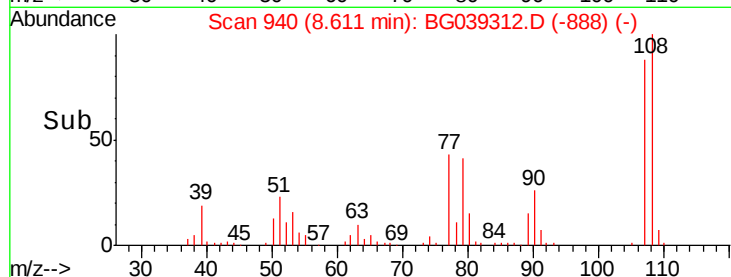
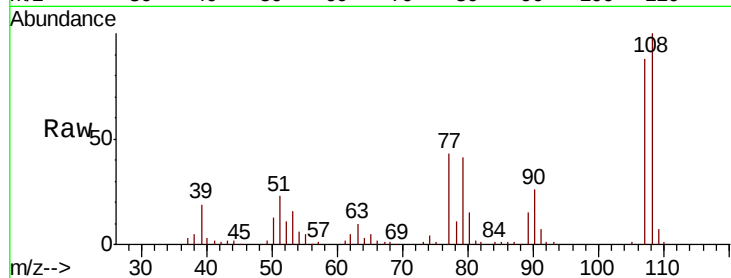




#17
2-Methylphenol
Concen: 28.147 ng
RT: 8.61 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

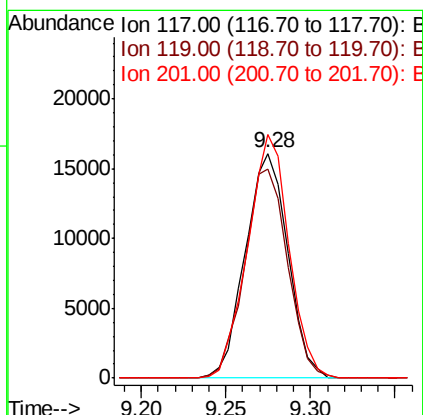
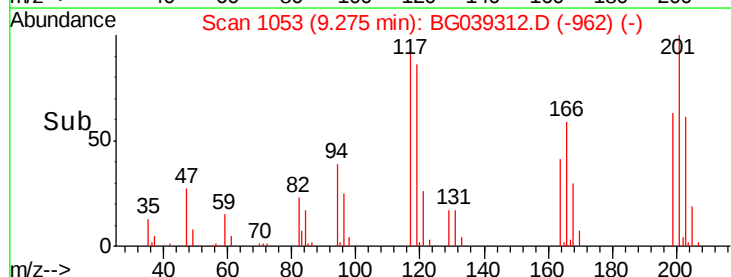
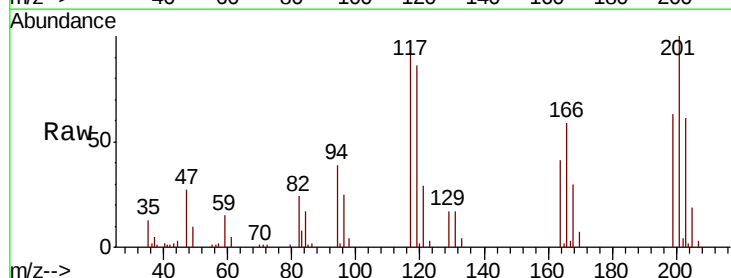
Instrument :
BNA_G
ClientSampleId :

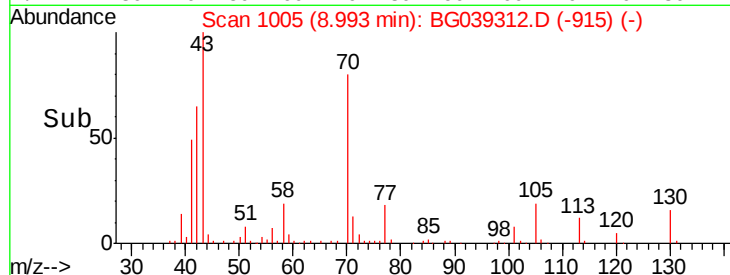
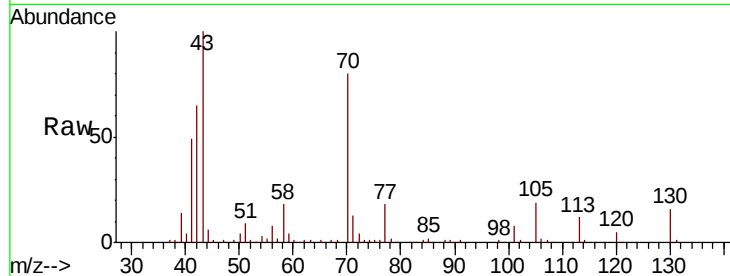
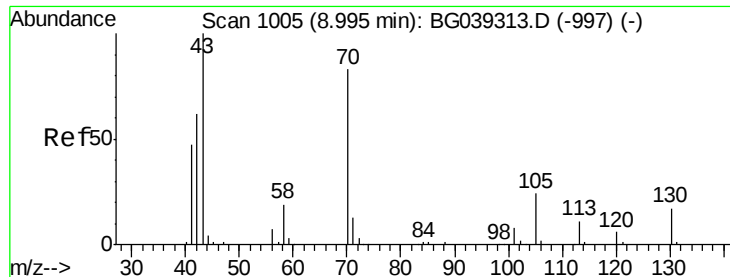
Tot Ion:107 Resp: 60665
Ion Ratio Lower Upper
107 100
108 113.2 90.8 136.2
77 48.5 40.7 61.1
79 45.8 40.6 60.8



#18
Hexachloroethane
Concen: 26.899 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:117 Resp: 28120
Ion Ratio Lower Upper
117 100
119 92.7 76.3 114.5
201 108.2 91.1 136.7

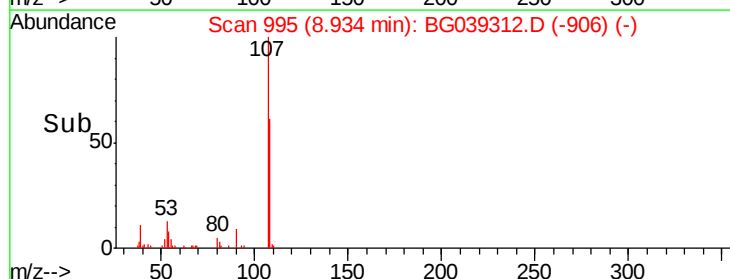
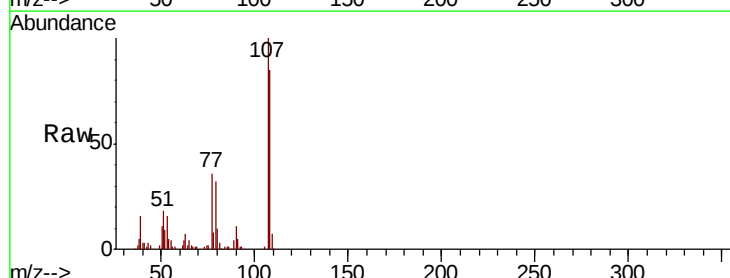
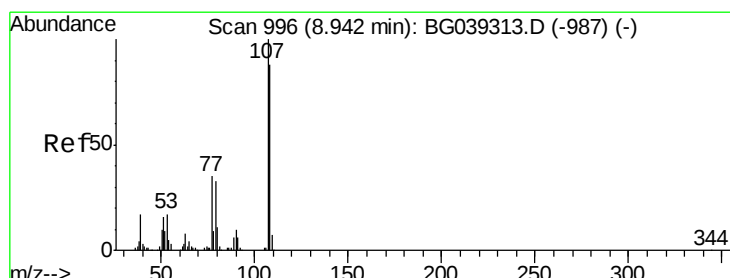
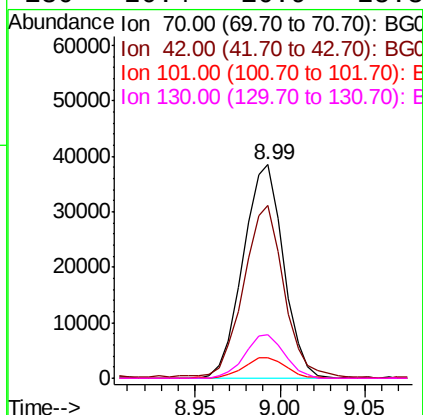




#19
n-Nitroso-di-n-propylamine
Concen: 31.513 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

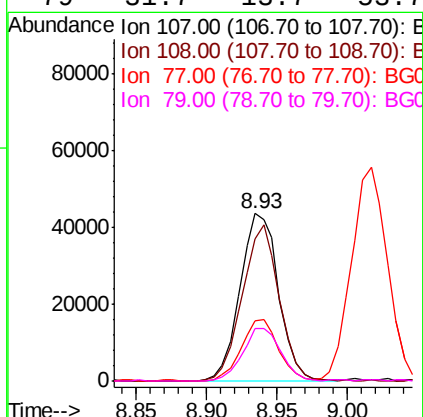
Instrument :
BNA_G
ClientSampled :

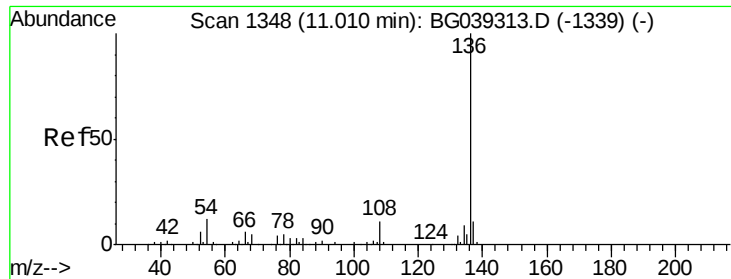
Tot Ion:	70	Resp:	64067
Ion	Ratio	Lower	Upper
70	100		
42	81.1	60.4	90.6
101	9.4	7.5	11.3
130	20.4	16.9	25.3



#20
3+4-Methylphenols
Concen: 27.141 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:	107	Resp:	83402
Ion	Ratio	Lower	Upper
107	100		
108	84.7	67.9	107.9
77	36.2	15.4	55.4
79	31.7	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.01 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 173612

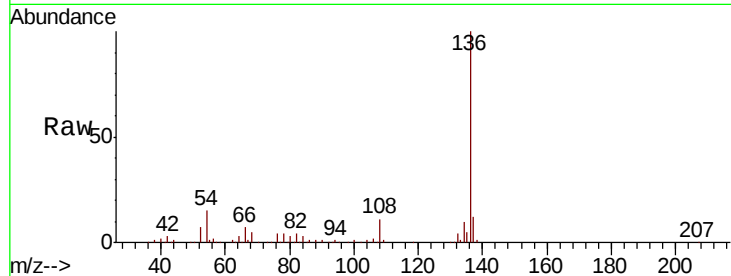
Ion Ratio Lower Upper

136 100

137 11.9 9.1 13.7

54 14.9 9.4 14.2#

68 5.4 4.2 6.4

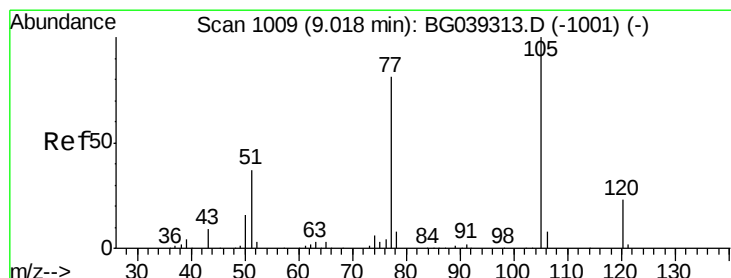
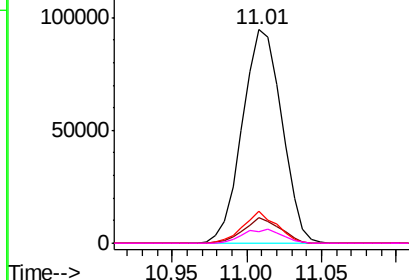
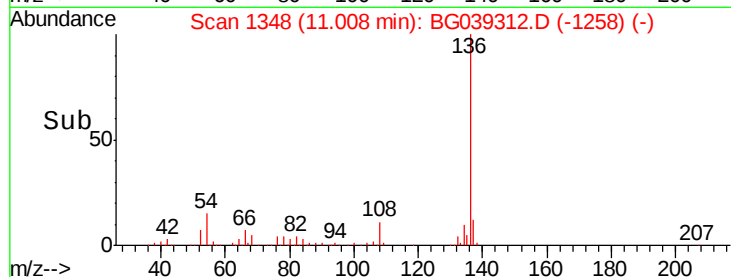


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 26.526 ng

RT: 9.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Tgt Ion:105 Resp: 120266

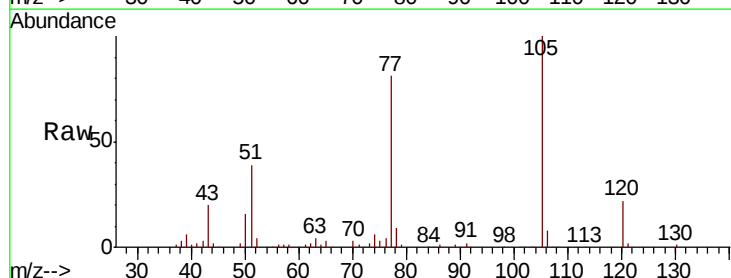
Ion Ratio Lower Upper

105 100

71 0.8 0.8 1.2

51 38.5 30.2 45.2

120 22.3 18.0 27.0

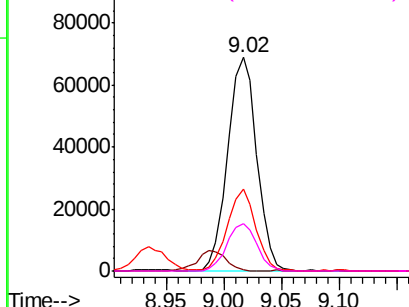
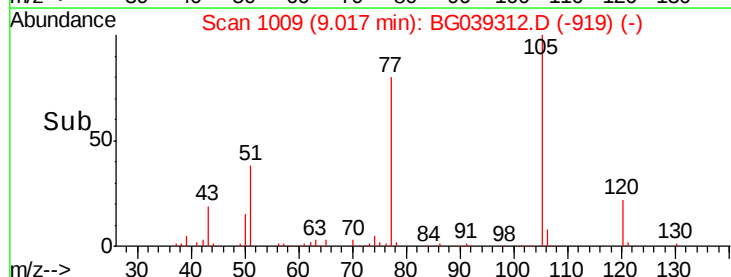


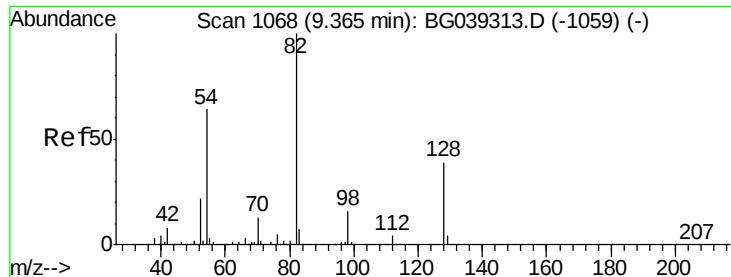
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

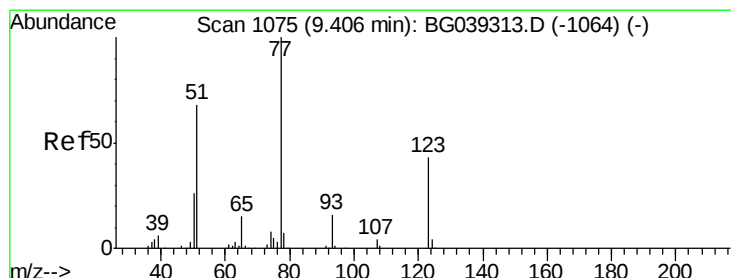
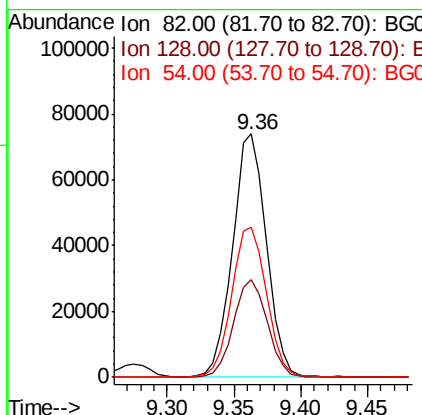
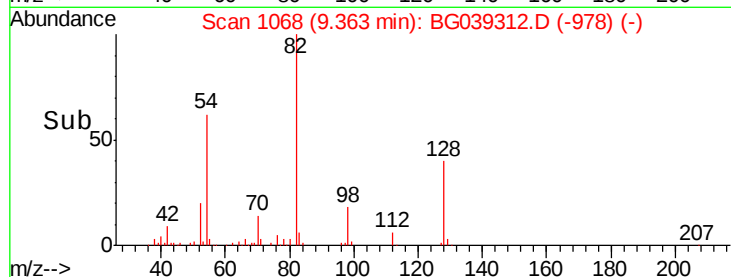
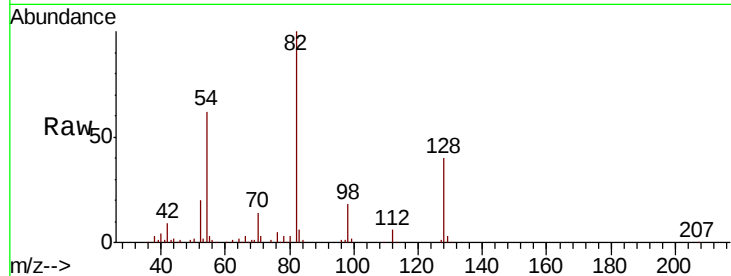




#23
 Nitrobenzene-d5
 Concen: 40.943 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

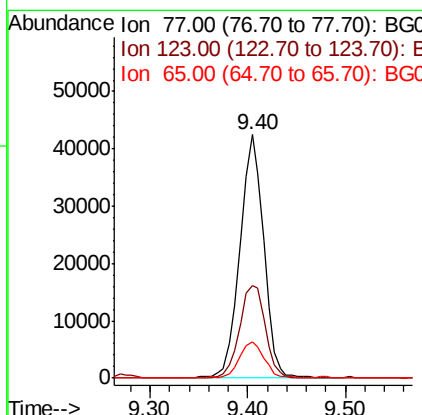
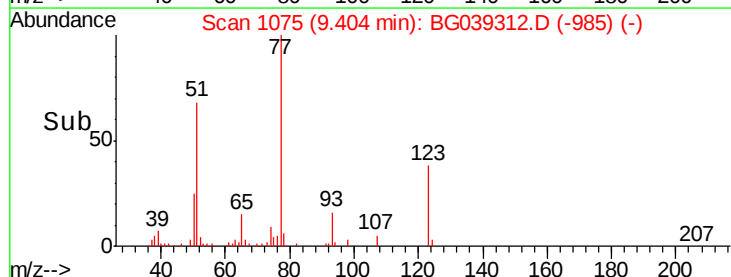
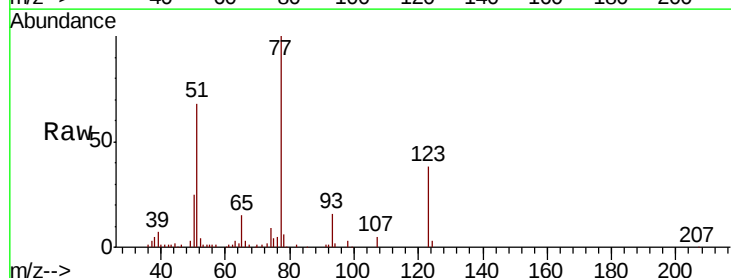
Instrument :
 BNA_G
 ClientSampleId :

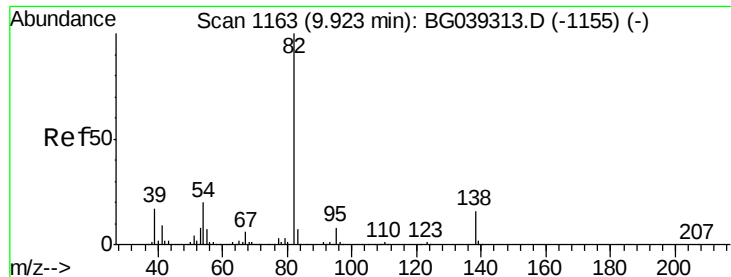
Tot Ion	82	Resp	129904
Ion Ratio	100	Lower	Upper
128	40.2	31.3	46.9
54	61.8	50.9	76.3



#24
 Nitrobenzene
 Concen: 22.535 ng
 RT: 9.40 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion	77	Resp	72267
Ion Ratio	100	Lower	Upper
123	38.3	34.1	51.1
65	15.1	12.3	18.5

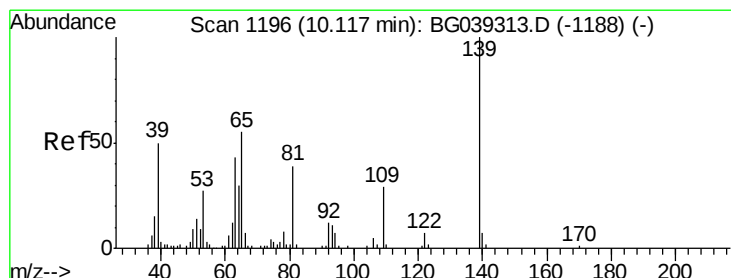
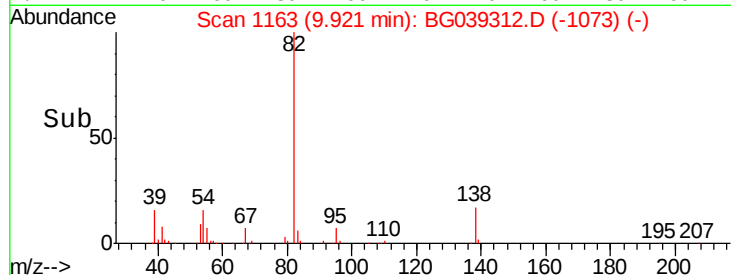
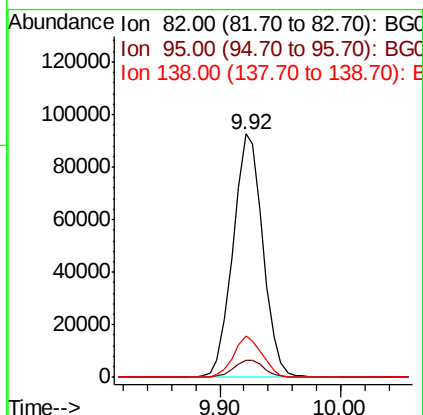
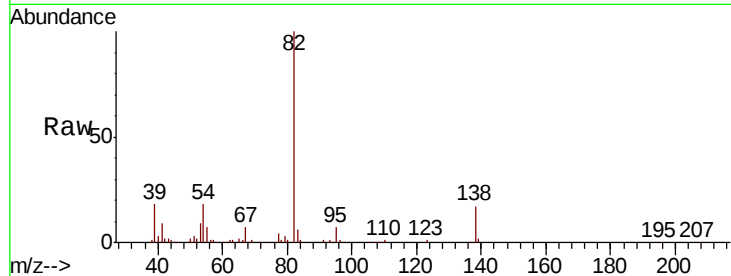




#25
Isophorone
Concen: 29.211 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

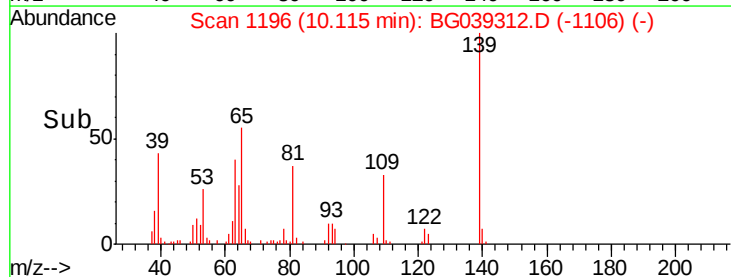
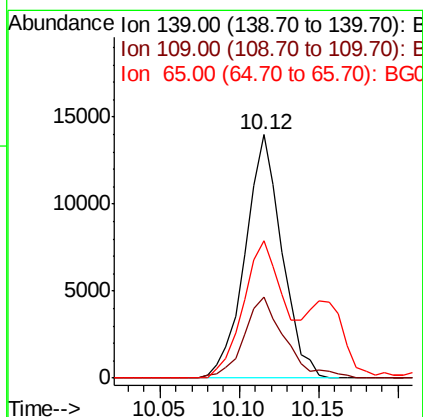
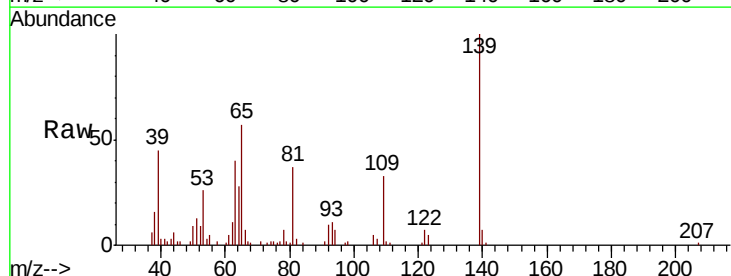
Instrument :
BNA_G
ClientSampleId :

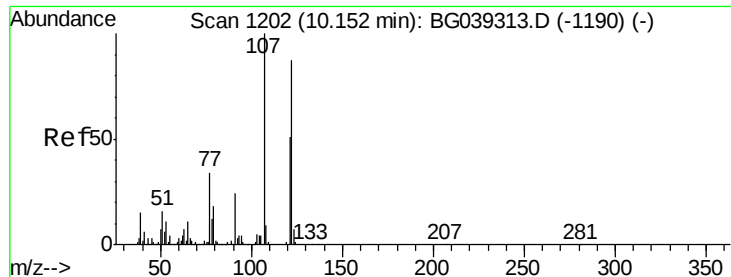
Tot Ion	82	Resp	159646
Ion	Ratio	Lower	Upper
82	100		
95	7.0	6.2	9.2
138	16.8	13.0	19.4



#26
2-Nitrophenol
Concen: 12.980 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion	139	Resp	22515
Ion	Ratio	Lower	Upper
139	100		
109	33.1	23.4	35.0
65	56.5	44.3	66.5

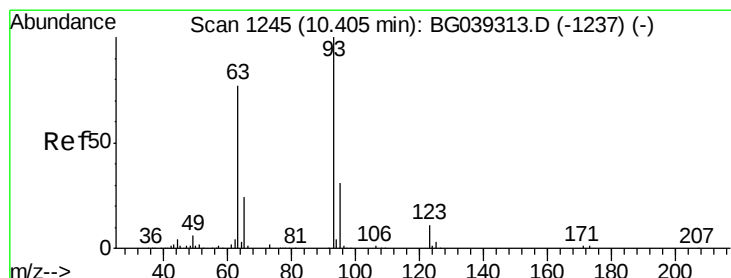
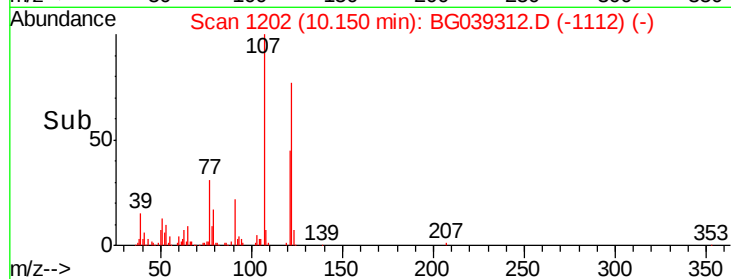
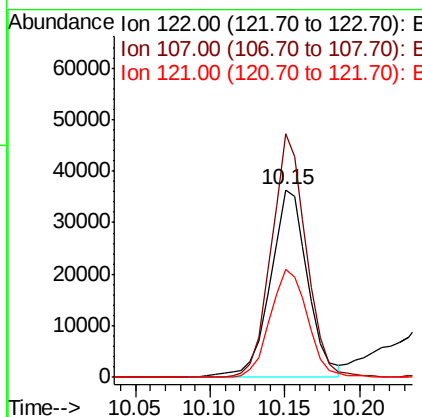
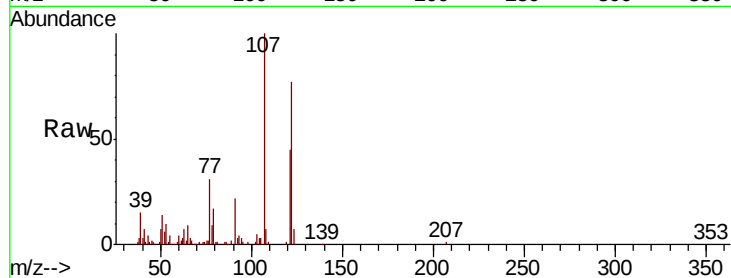




#27
 2,4-Dimethylphenol
 Concen: 25.950 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

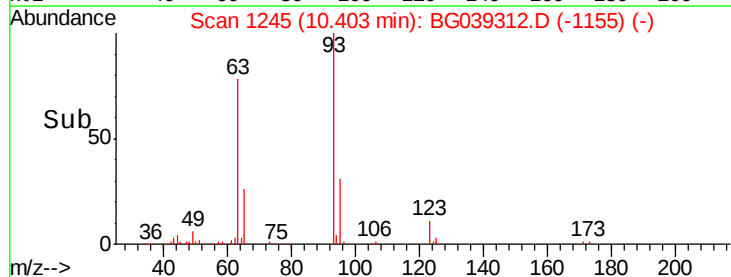
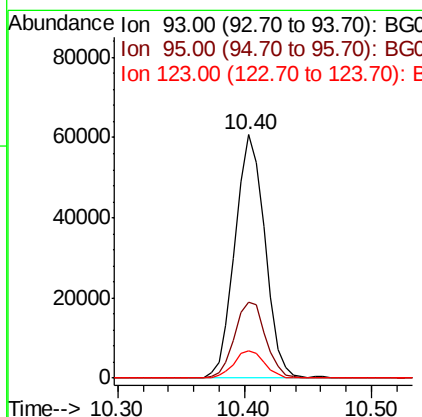
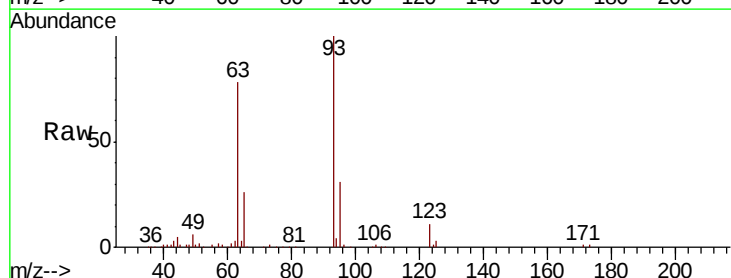
Instrument :
 BNA_G
 ClientSampleId :

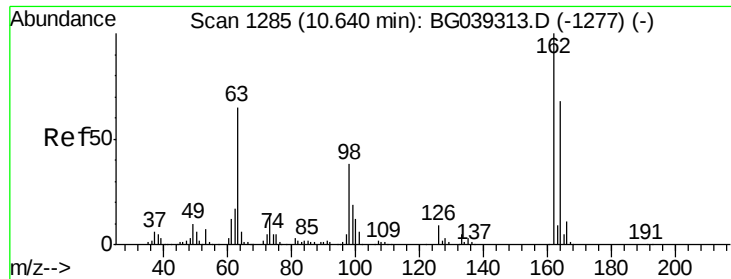
Tot Ion:122 Resp: 63328
 Ion Ratio Lower Upper
 122 100
 107 129.7 91.7 137.5
 121 57.8 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.292 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion: 93 Resp: 99498
 Ion Ratio Lower Upper
 93 100
 95 31.0 25.0 37.4
 123 11.0 8.6 12.8

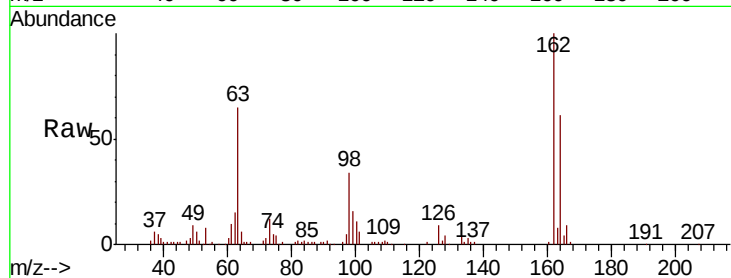




#29
 2,4-Dichlorophenol
 Concen: 23.656 ng
 RT: 10.64 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.0	48.1	88.1
98	34.0	18.1	58.1

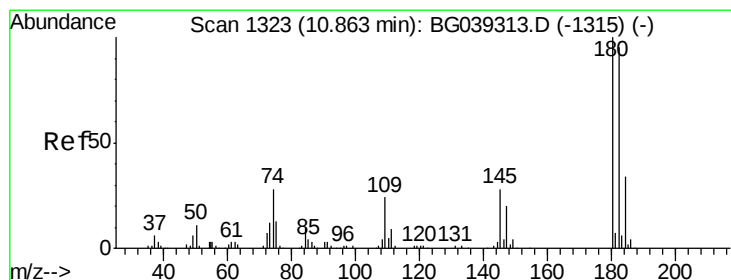
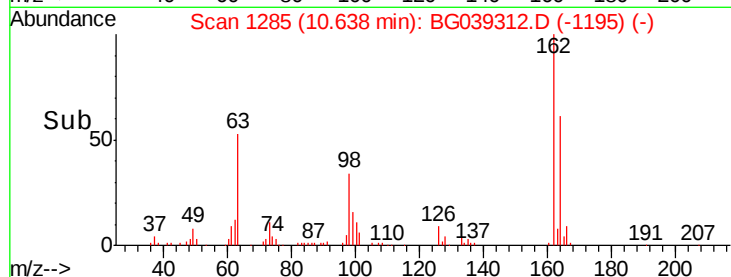
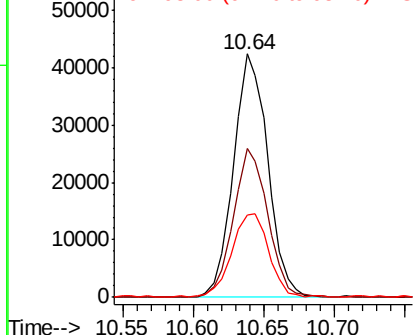


Abundance

Ion 162.00 (161.70 to 162.70): E

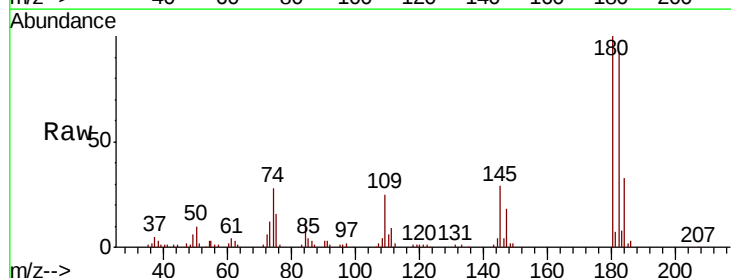
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 21.558 ng
 RT: 10.86 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.0	114.0
145	29.4	22.7	34.1

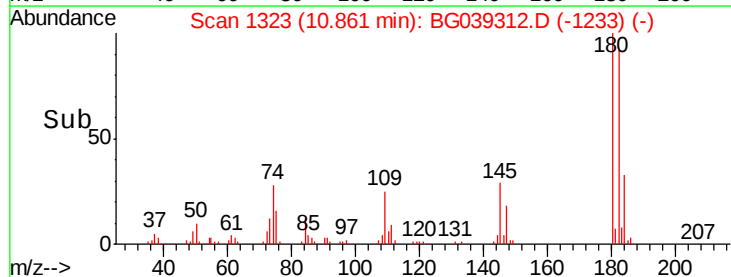
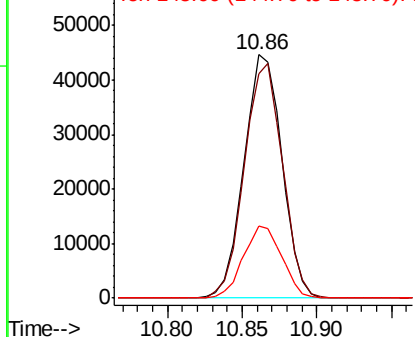


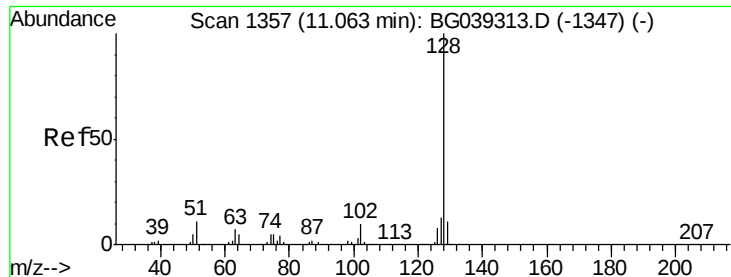
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 25.699 ng

RT: 11.06 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

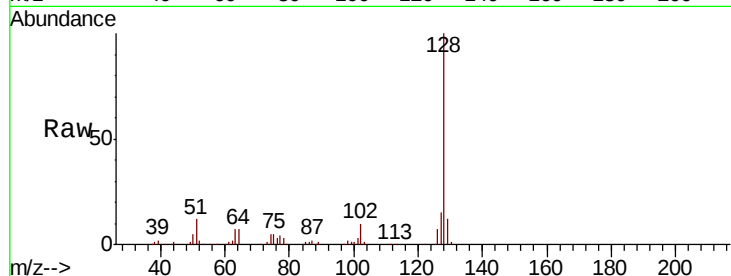
Tot Ion:128 Resp: 223774

Ion Ratio Lower Upper

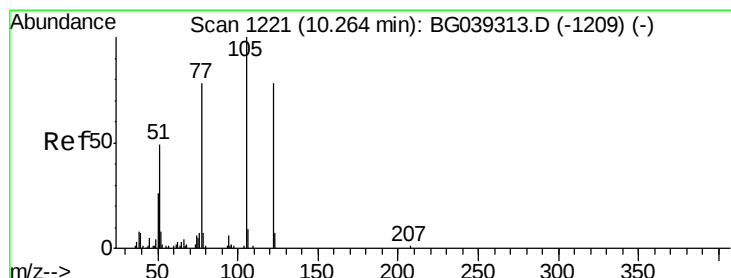
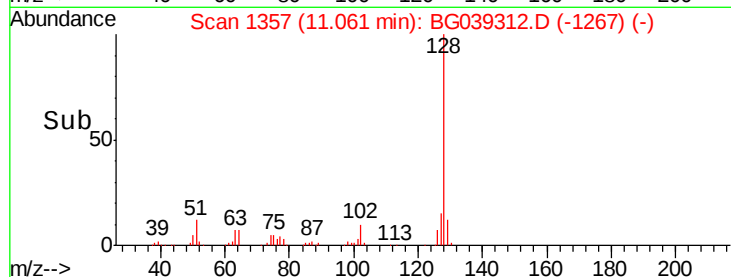
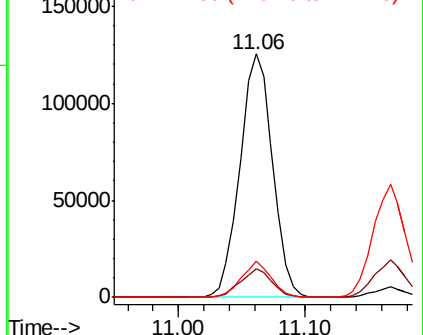
128 100

129 11.7 8.7 13.1

127 14.8 10.8 16.2



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



#32

Benzoic acid

Concen: 22.330 ng

RT: 10.24 min Scan# 1218

Delta R.T. -0.02 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

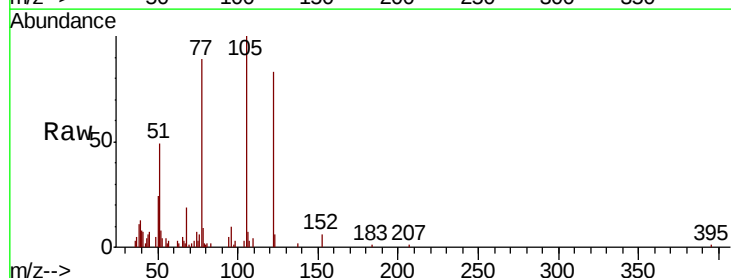
Tgt Ion:122 Resp: 28866

Ion Ratio Lower Upper

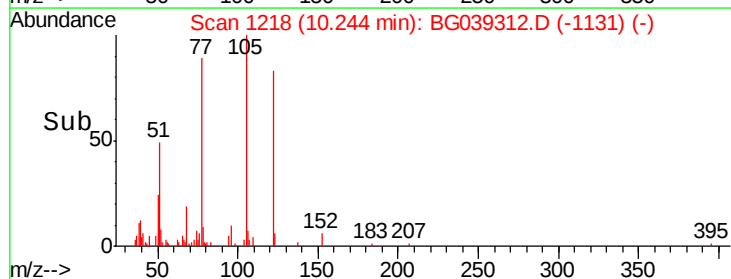
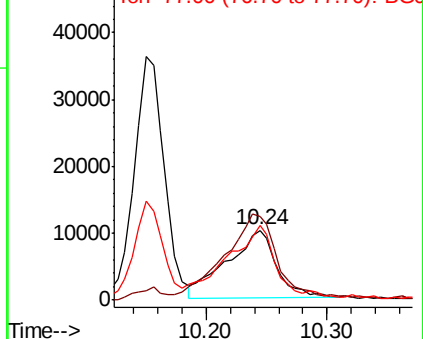
122 100

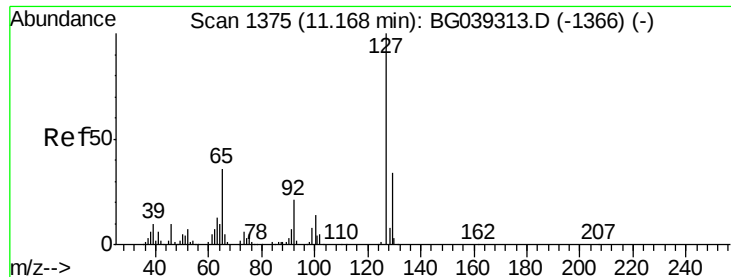
105 120.0 101.8 141.8

77 107.0 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

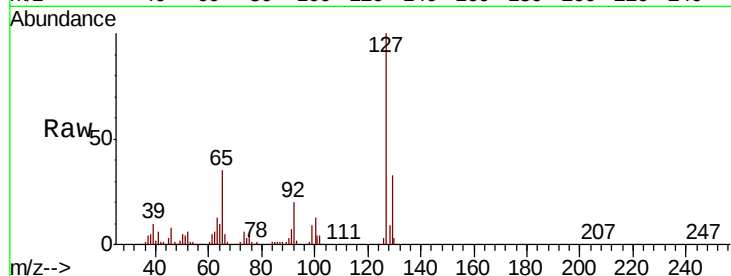




#33
4-Chloroaniline
Concen: 26.682 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	103960
Ion	Ratio	Lower	Upper
127	100		
129	33.2	27.0	40.4
65	35.1	28.8	43.2
92	19.8	16.6	25.0



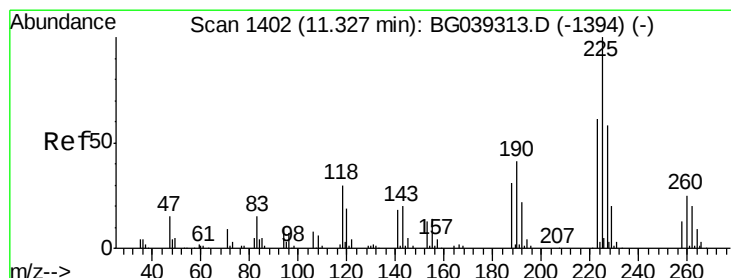
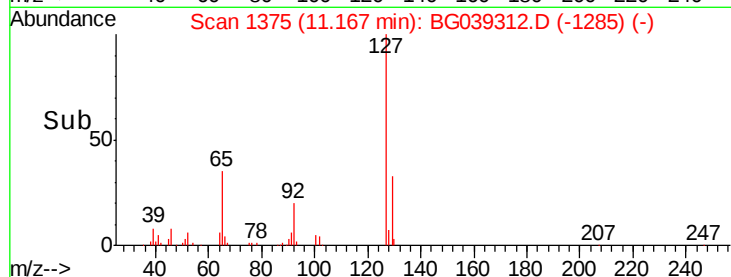
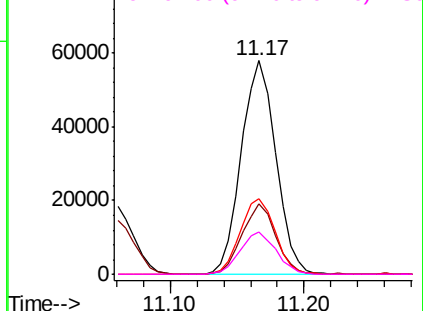
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

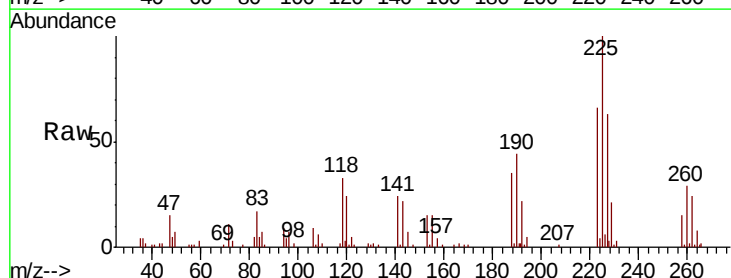
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 20.466 ng
RT: 11.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:	225	Resp:	51299
Ion	Ratio	Lower	Upper
225	100		
223	66.4	49.0	73.6
227	62.9	46.3	69.5

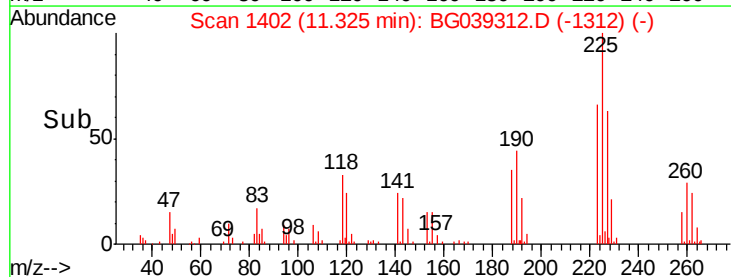
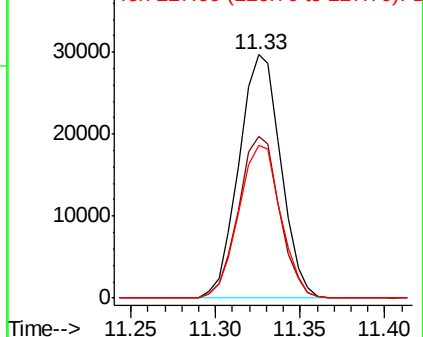


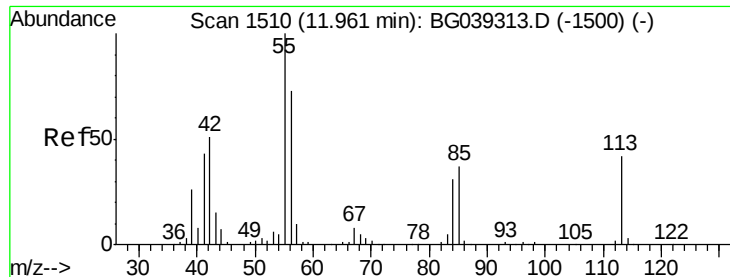
Abundance

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

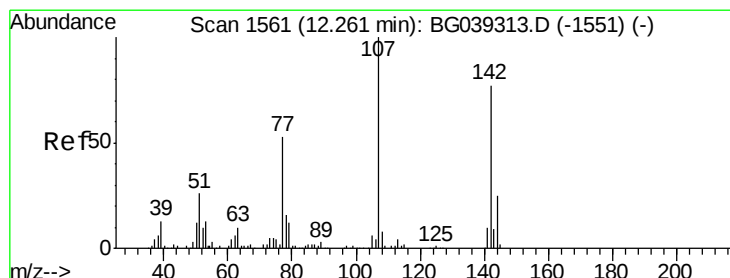
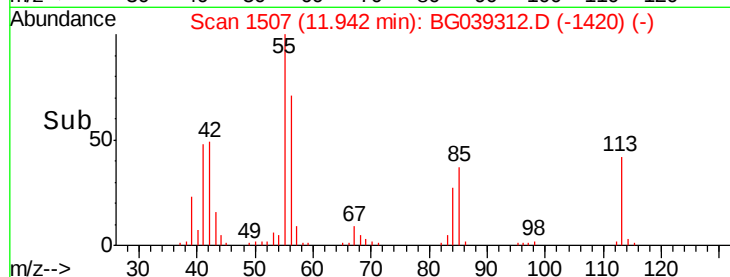
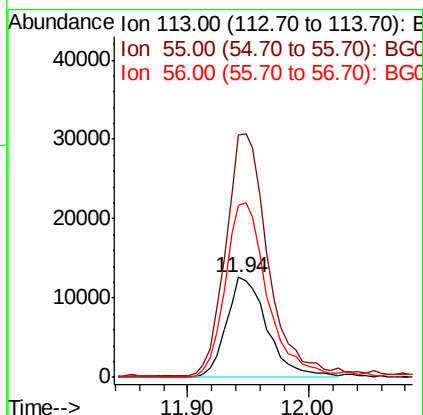
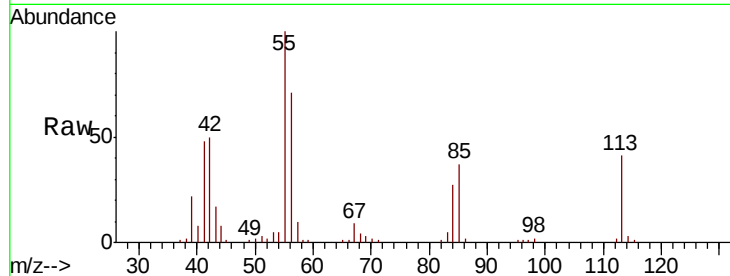




#35
 Caprolactam
 Concen: 24.307 ng
 RT: 11.94 min Scan# 1507
 Delta R.T. -0.02 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

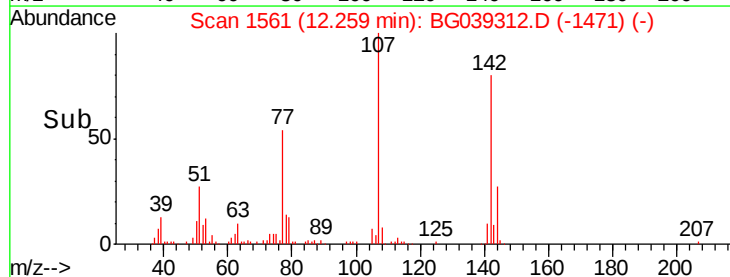
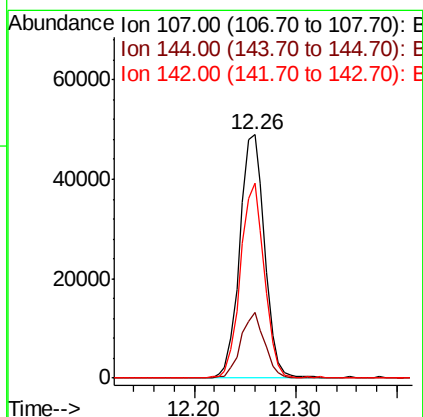
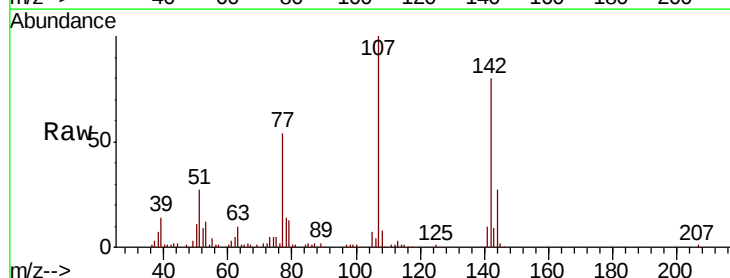
Instrument :
 BNA_G
 ClientSampleId :

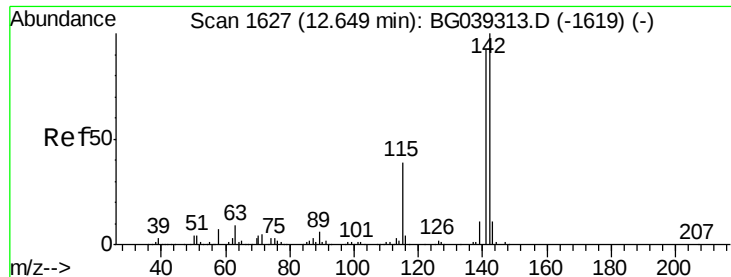
Tot Ion:113 Resp: 29551
 Ion Ratio Lower Upper
 113 100
 55 241.7 216.9 256.9
 56 172.1 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 25.764 ng
 RT: 12.26 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion:107 Resp: 83543
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.2 30.2
 142 80.2 61.4 92.2

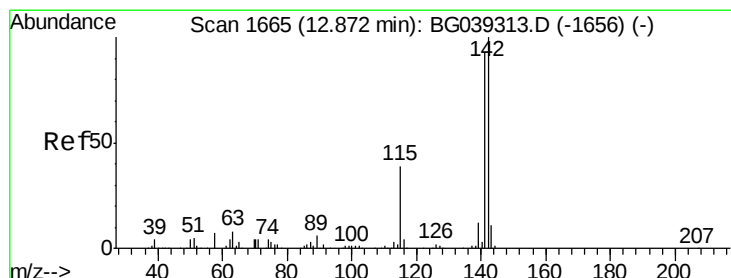
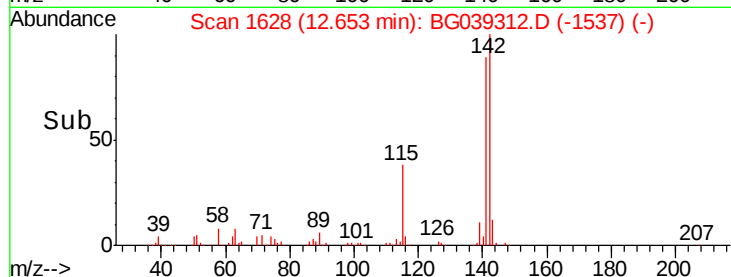
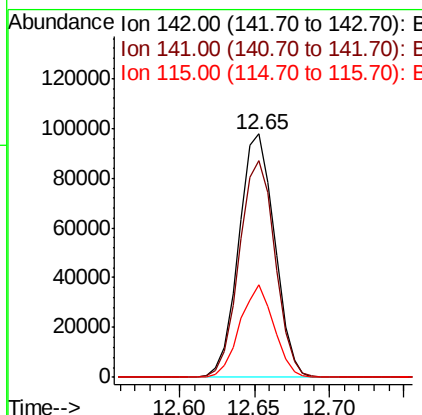
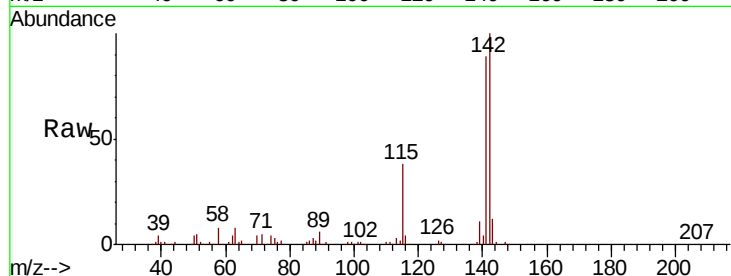




#37
2-Methylnaphthalene
Concen: 24.845 ng
RT: 12.65 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

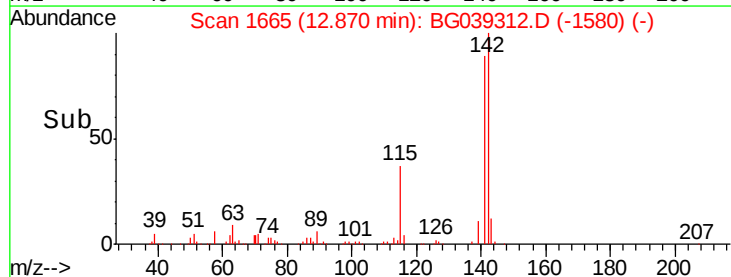
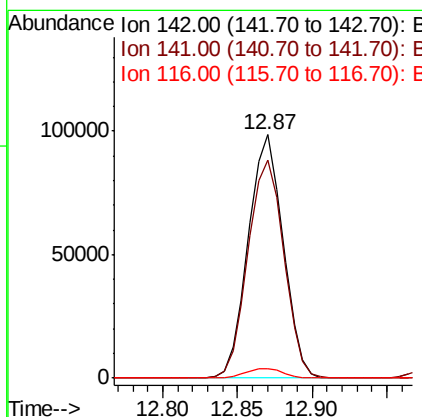
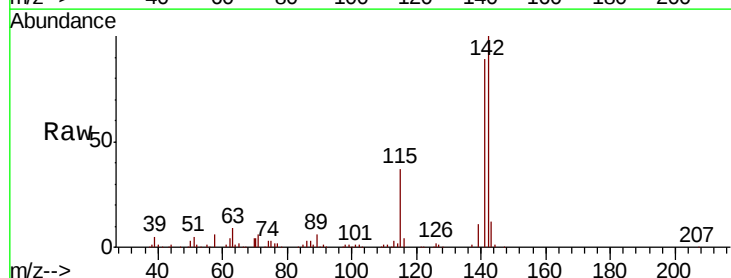
Instrument :
BNA_G
ClientSampleId :

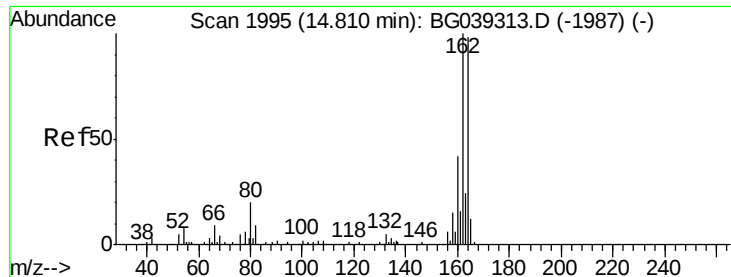
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.5	110.3
115	38.0	30.8	46.2



#38
1-Methylnaphthalene
Concen: 25.373 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.2	111.4
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampled :

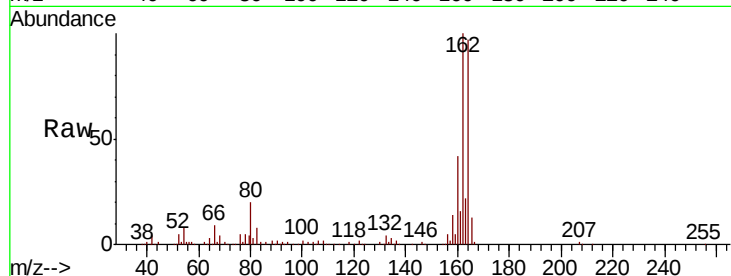
Tot Ion:164 Resp: 115179

Ion Ratio Lower Upper

164 100

162 103.0 81.6 122.4

160 43.1 34.2 51.2

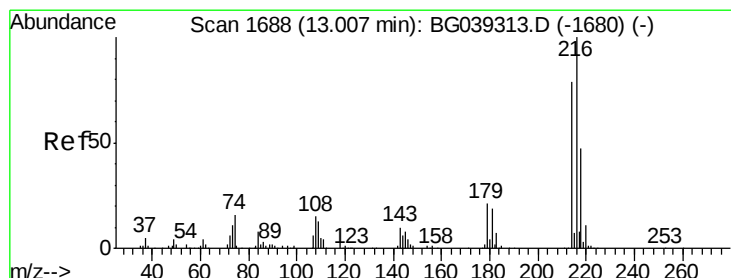
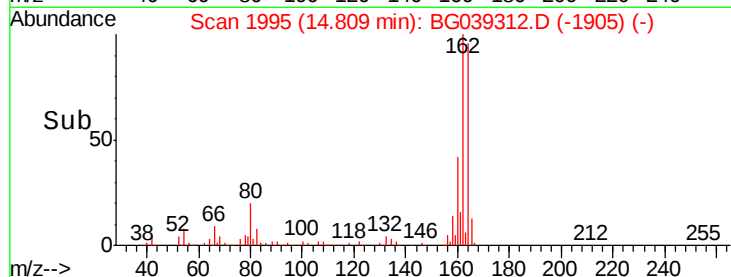
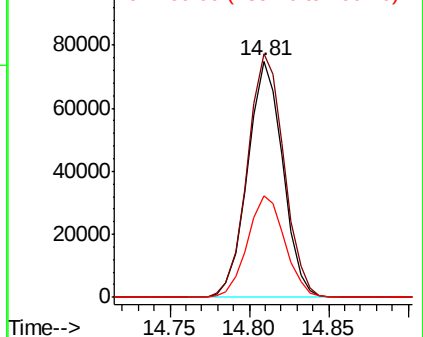


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.501 ng

RT: 13.01 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Tgt Ion:216 Resp: 93005

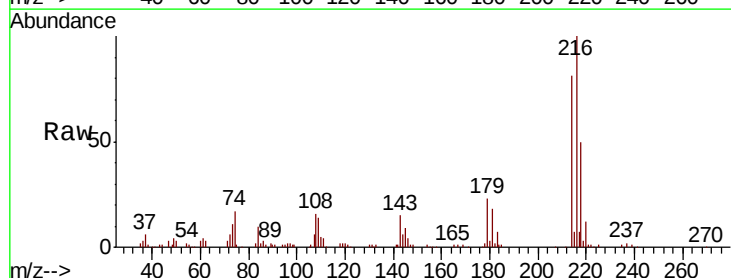
Ion Ratio Lower Upper

216 100

214 79.2 62.6 94.0

179 21.4 16.6 25.0

108 18.2 14.0 21.0



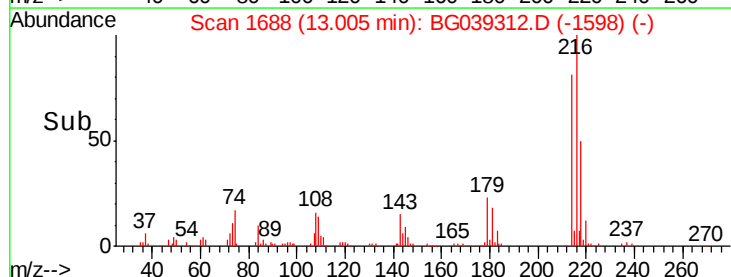
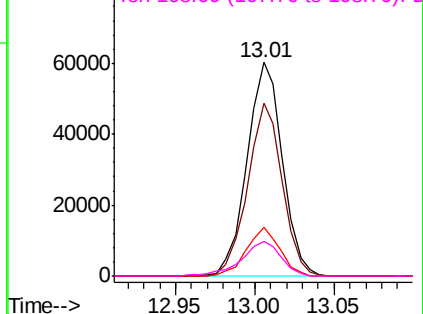
Abundance

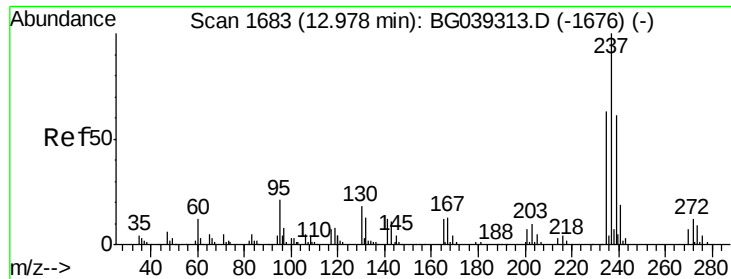
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 23.309 ng

RT: 12.98 min Scan# 1684

Delta R.T. 0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

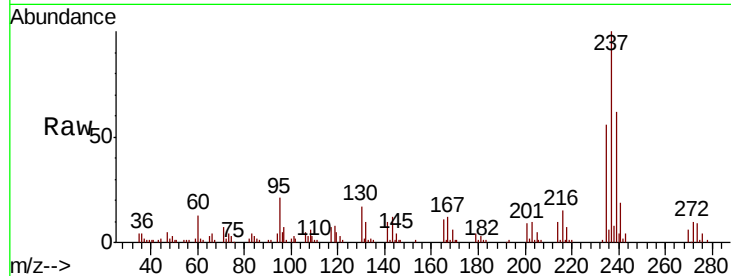
Tot Ion:237 Resp: 49570

Ion Ratio Lower Upper

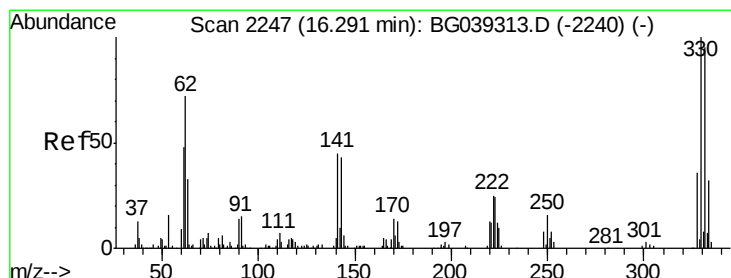
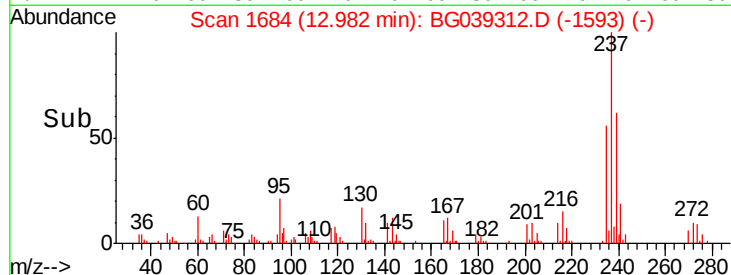
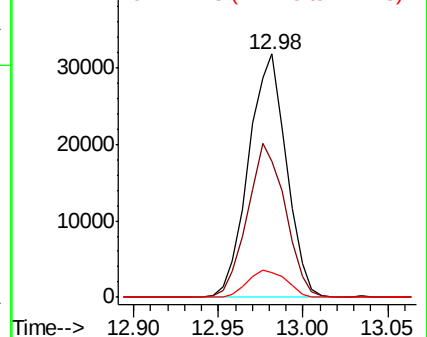
237 100

235 56.0 43.3 83.3

272 10.1 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 32.398 ng

RT: 16.30 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

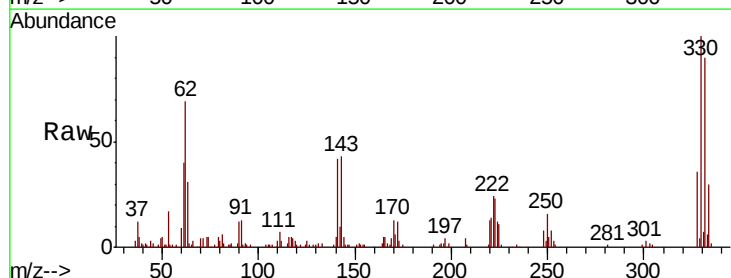
Tgt Ion:330 Resp: 62551

Ion Ratio Lower Upper

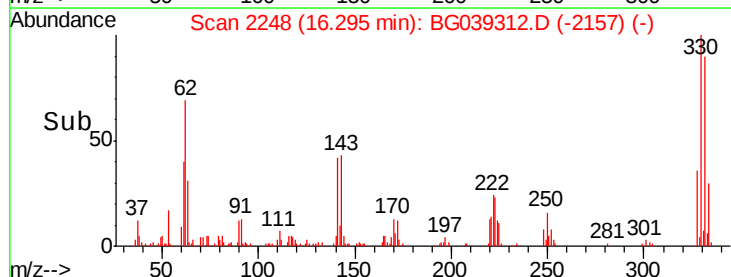
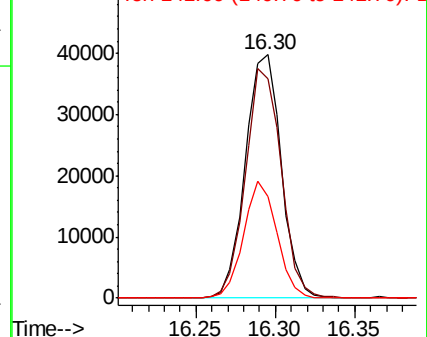
330 100

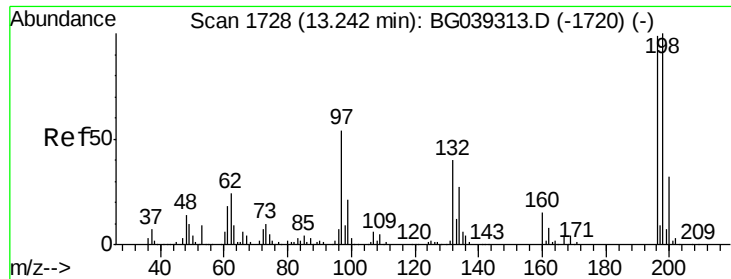
332 93.8 75.7 113.5

141 44.4 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

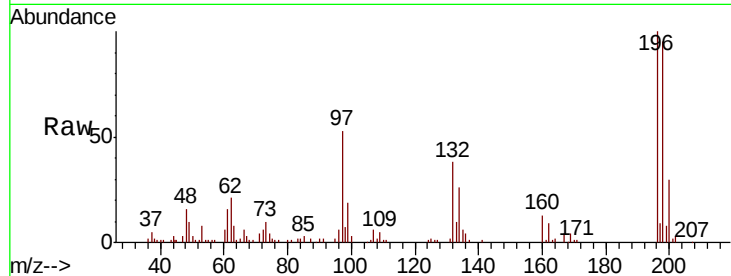




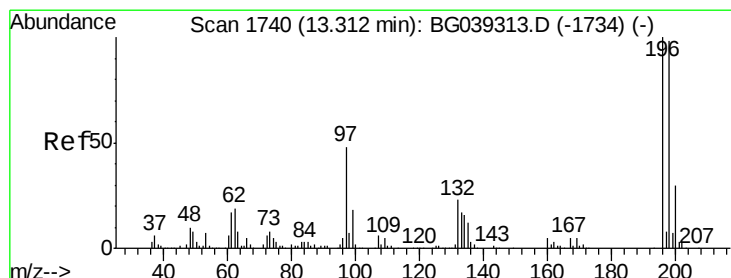
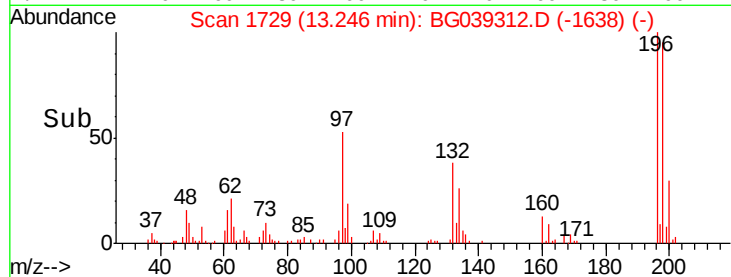
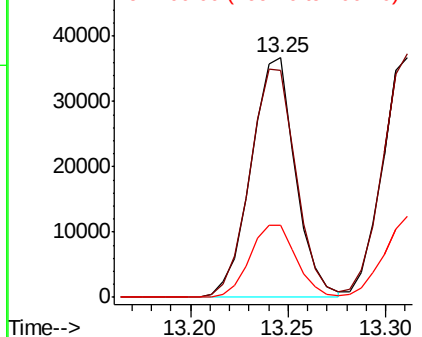
#43
 2,4,6-Trichlorophenol
 Concen: 21.197 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 57709
 Ion Ratio Lower Upper
 196 100
 198 94.9 80.6 121.0
 200 30.1 26.1 39.1

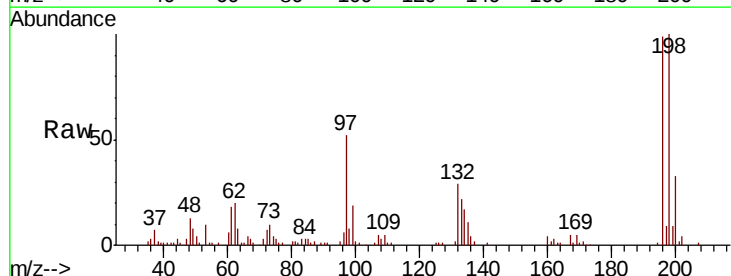


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

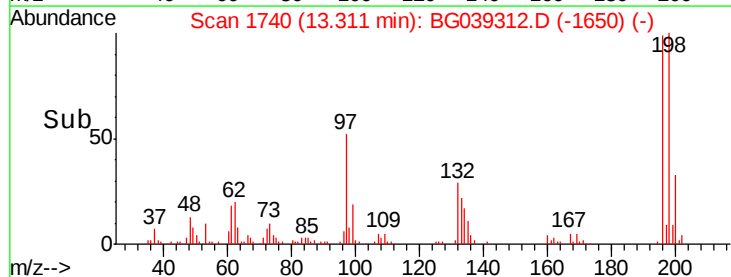
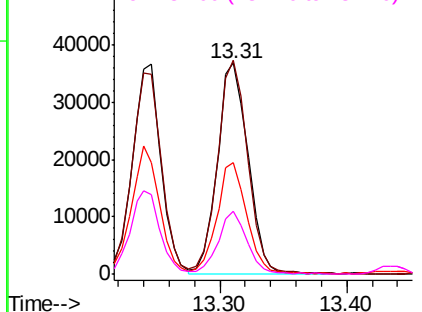


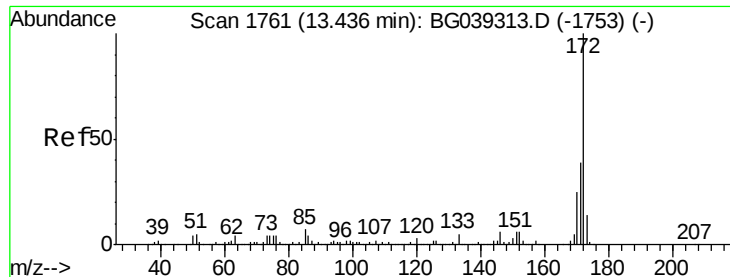
#44
 2,4,5-Trichlorophenol
 Concen: 21.543 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion:196 Resp: 61989
 Ion Ratio Lower Upper
 196 100
 198 101.3 78.5 117.7
 97 52.7 38.4 57.6
 132 29.5 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

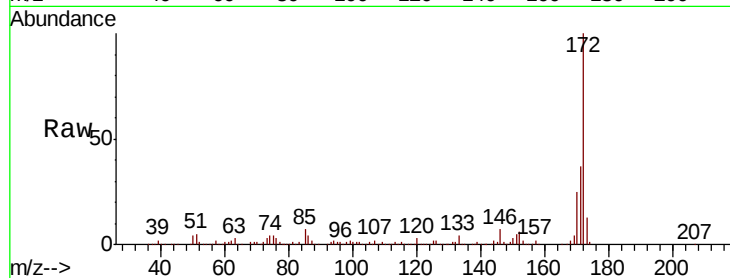




#45
 2-Fluorobiphenyl
 Concen: 49.910 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	24.6	20.2	30.4

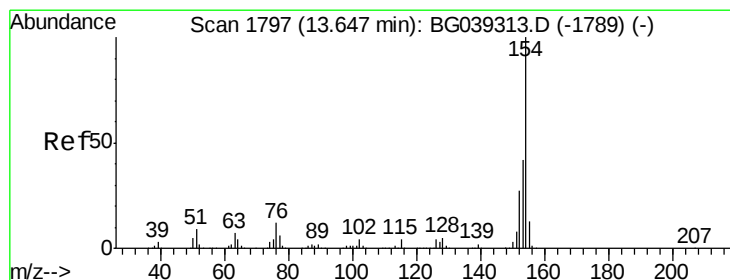
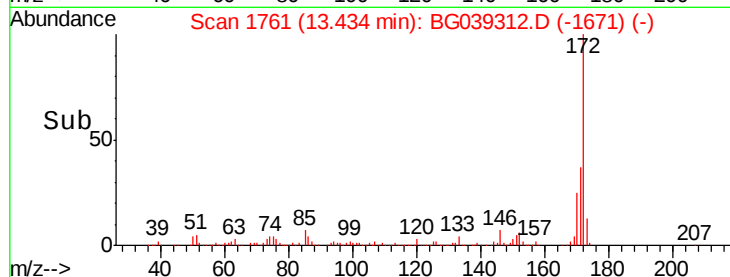
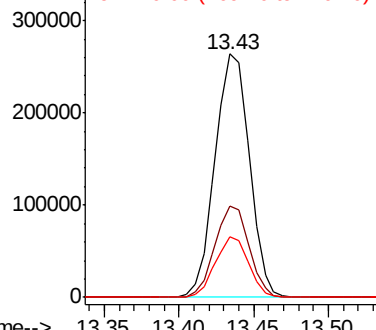


Abundance

Ion 172.00 (171.70 to 172.70): E

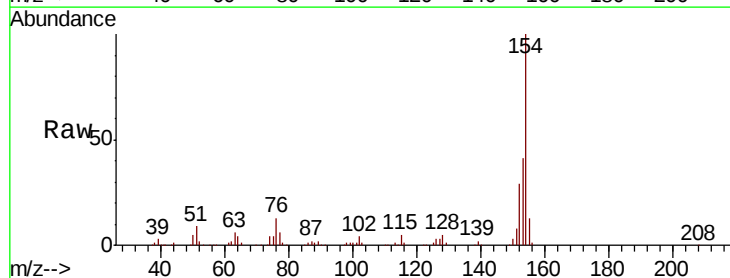
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 26.692 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	22.1	62.1
76	13.3	0.0	32.4

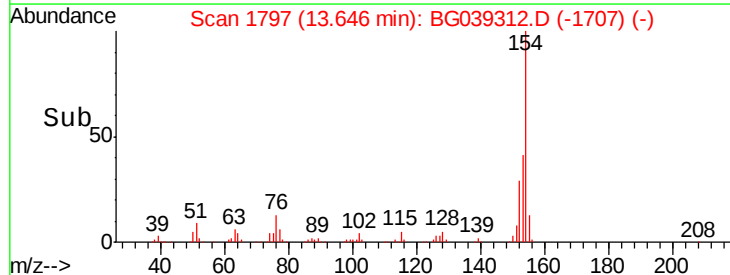
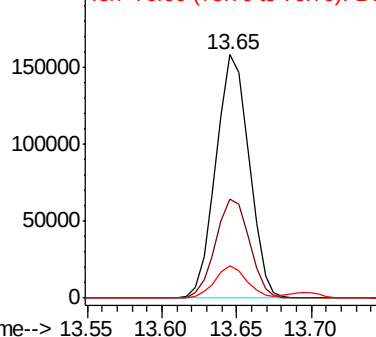


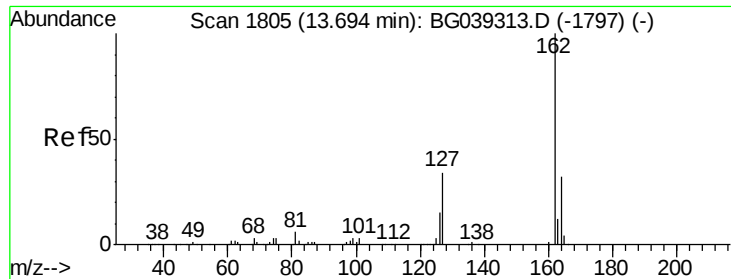
Abundance

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: 24.526 ng

RT: 13.69 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampled :

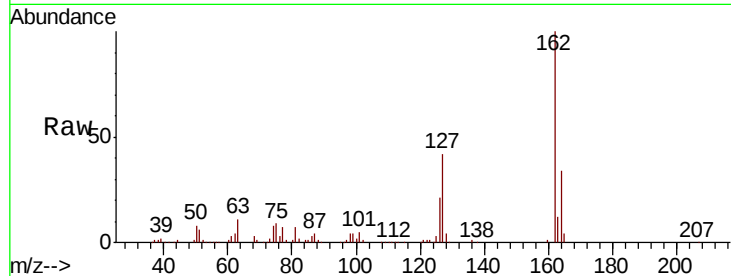
Tot Ion:162 Resp: 181133

Ion Ratio Lower Upper

162 100

127 42.1 31.0 46.6

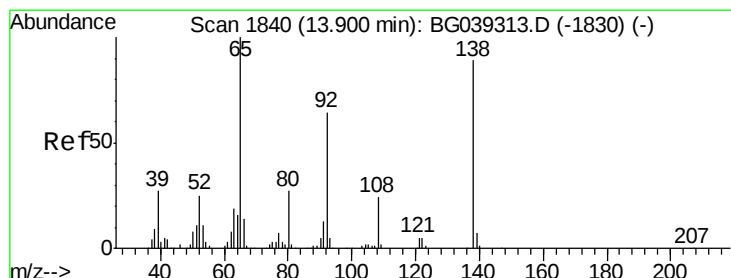
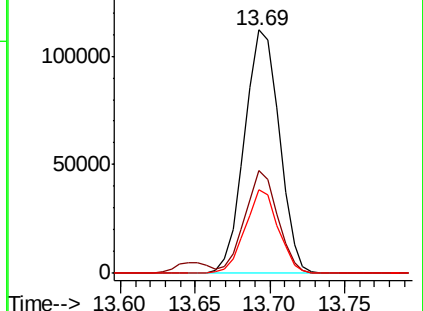
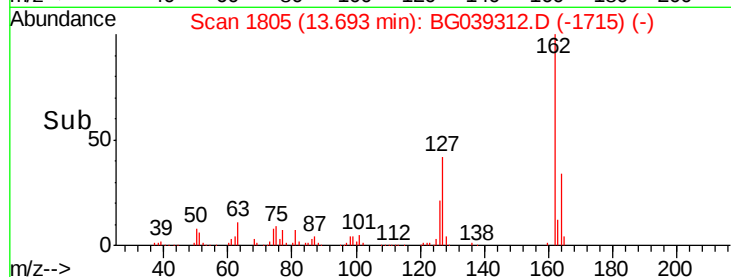
164 34.2 25.7 38.5



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: 18.829 ng

RT: 13.89 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

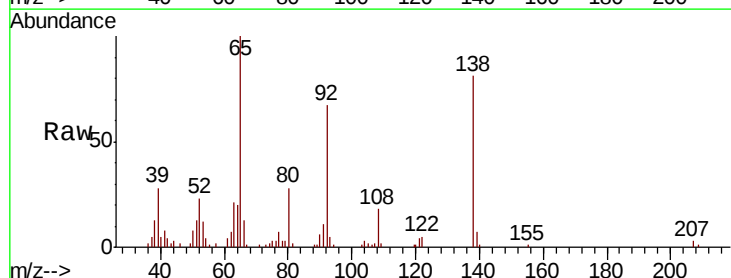
Tgt Ion: 65 Resp: 38958

Ion Ratio Lower Upper

65 100

92 66.8 51.4 77.2

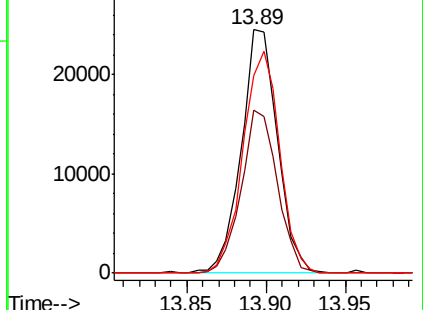
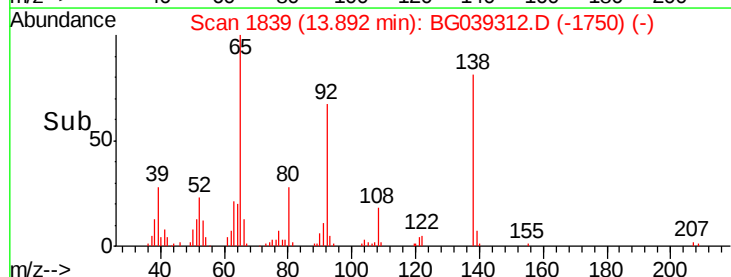
138 80.9 71.4 107.2

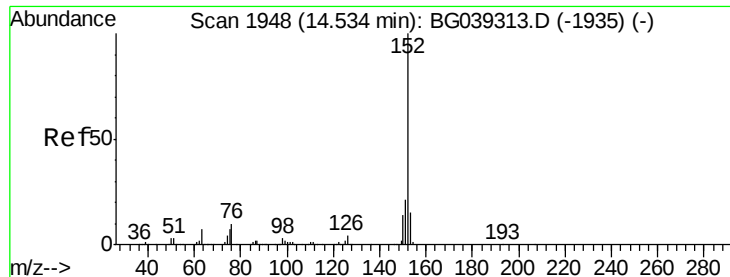


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 25.805 ng

RT: 14.54 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

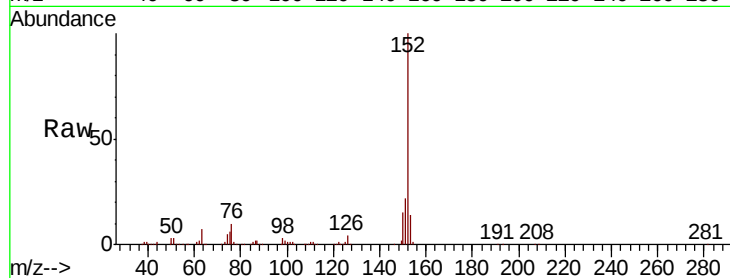
Tot Ion:152 Resp: 286458

Ion Ratio Lower Upper

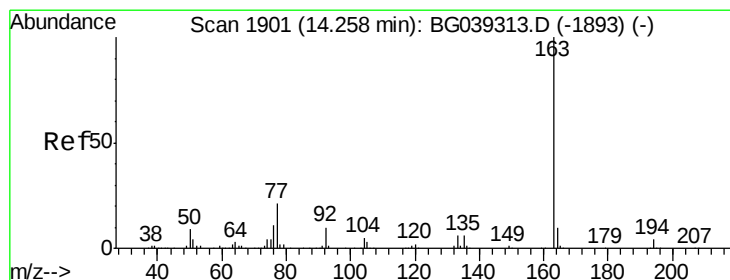
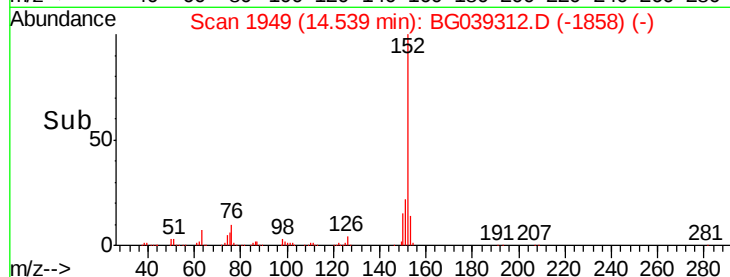
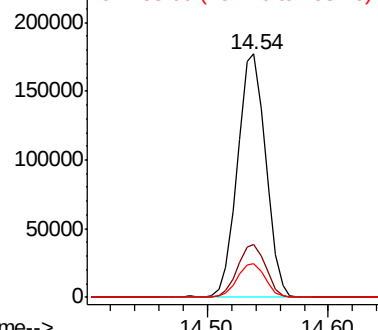
152 100

151 21.6 16.8 25.2

153 13.7 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: 25.117 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

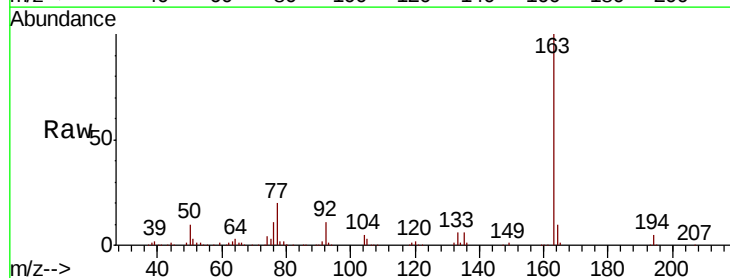
Tgt Ion:163 Resp: 244470

Ion Ratio Lower Upper

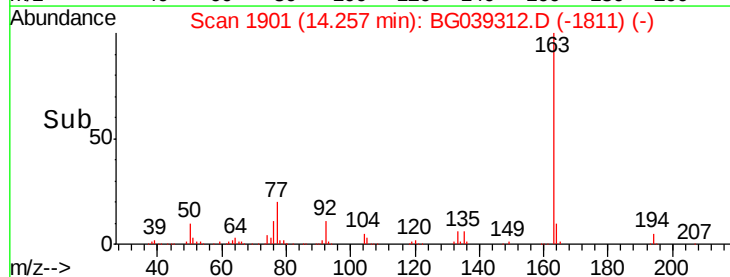
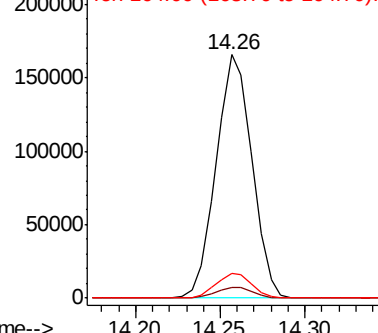
163 100

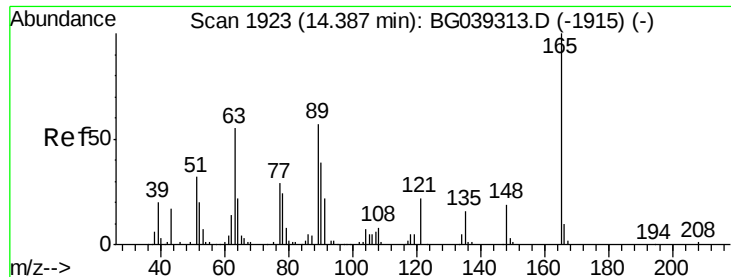
194 4.6 3.6 5.4

164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 16.486 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

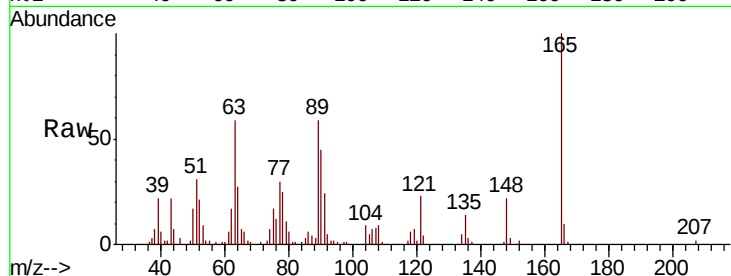
Tot Ion:165 Resp: 35875

Ion Ratio Lower Upper

165 100

63 58.6 47.0 70.6

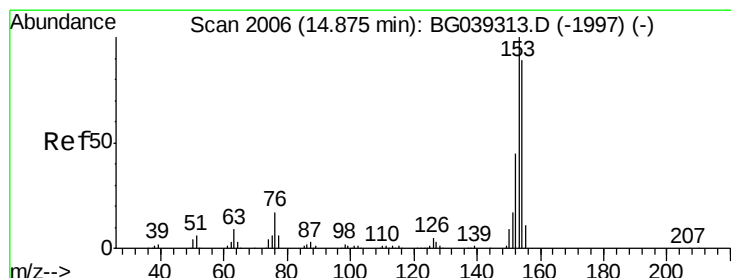
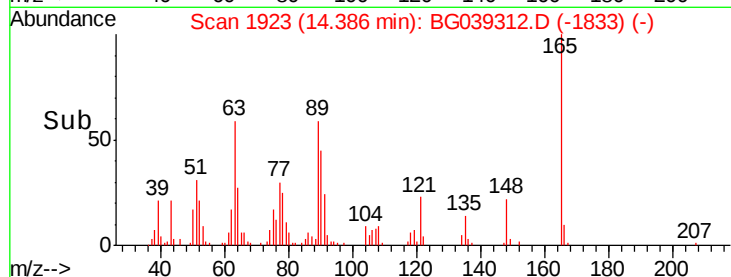
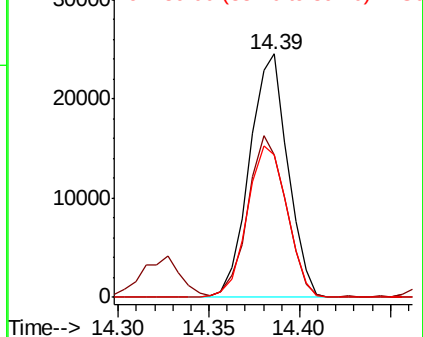
89 58.8 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 27.539 ng

RT: 14.87 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

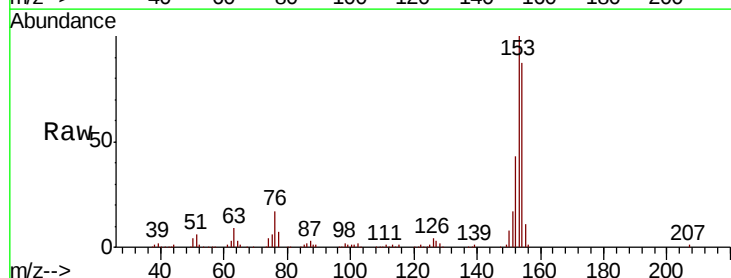
Tgt Ion:154 Resp: 183673

Ion Ratio Lower Upper

154 100

153 115.4 90.1 135.1

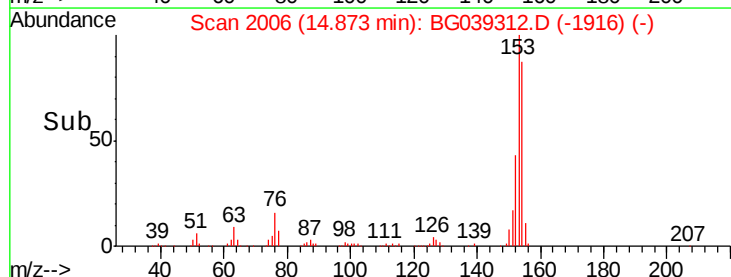
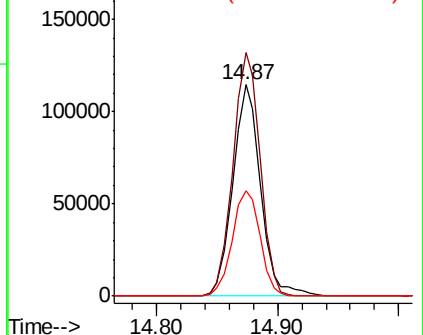
152 50.2 40.9 61.3

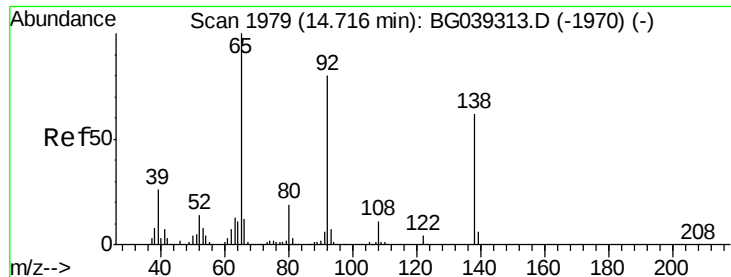


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

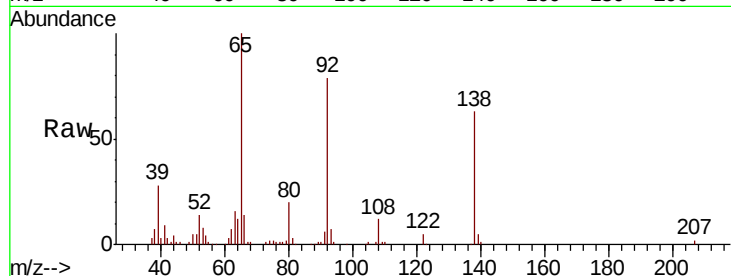




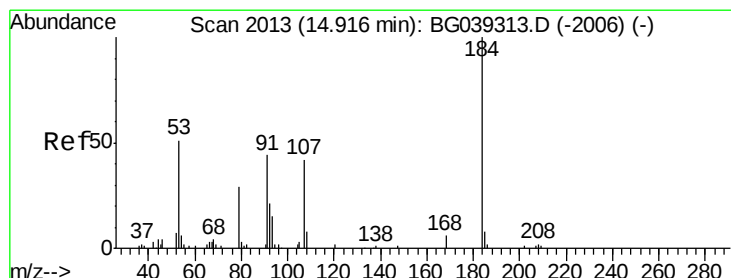
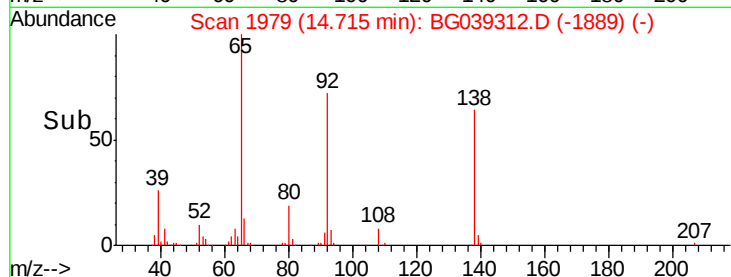
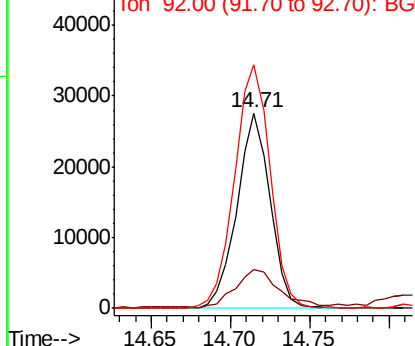
#53
3-Nitroaniline
Concen: 18.043 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 39830
Ion Ratio Lower Upper
138 100
108 19.6 13.8 20.8
92 124.6 103.7 155.5

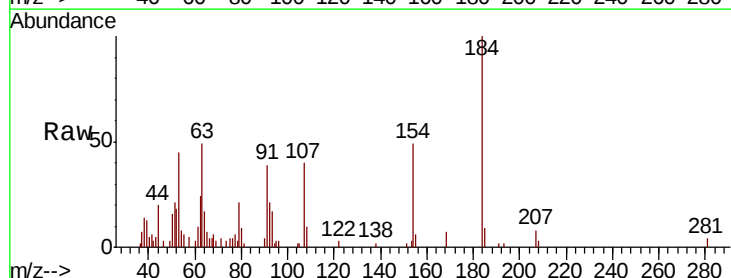


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

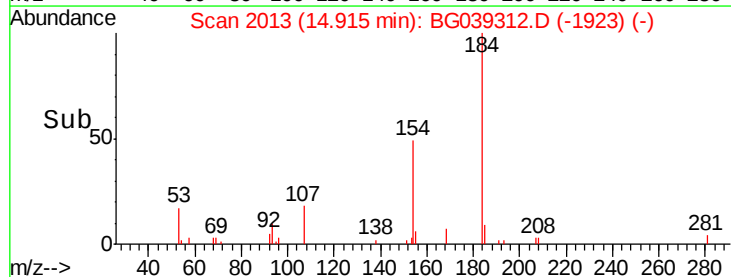
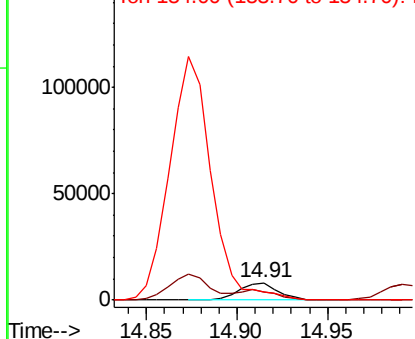


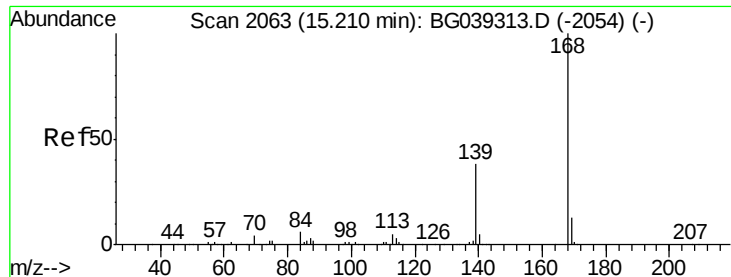
#54
2,4-Dinitrophenol
Concen: 11.019 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:184 Resp: 12392
Ion Ratio Lower Upper
184 100
63 48.8 50.9 76.3#
154 49.0 53.0 79.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

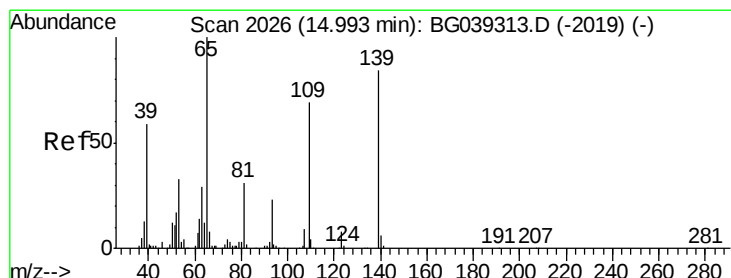
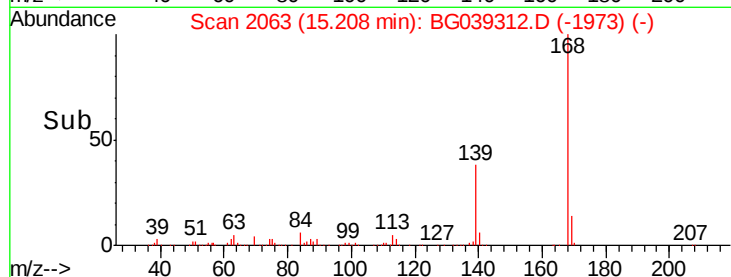
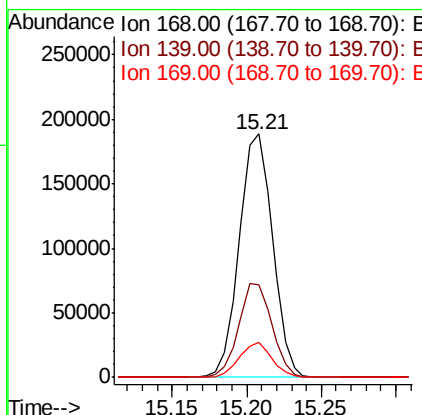
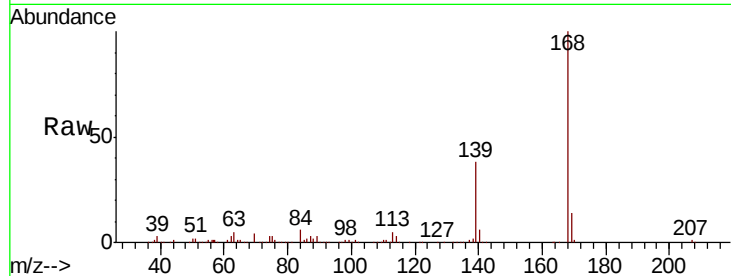




#55
Dibenzofuran
Concen: 24.812 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

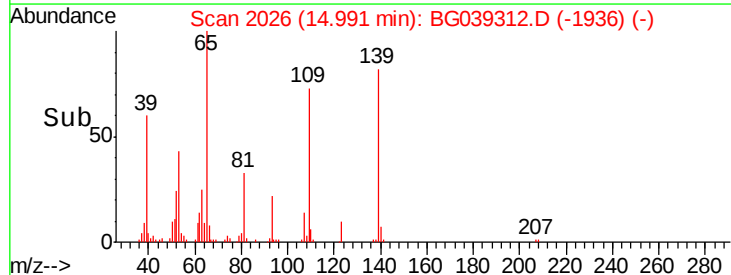
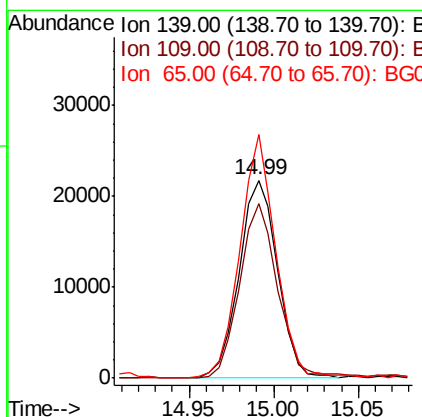
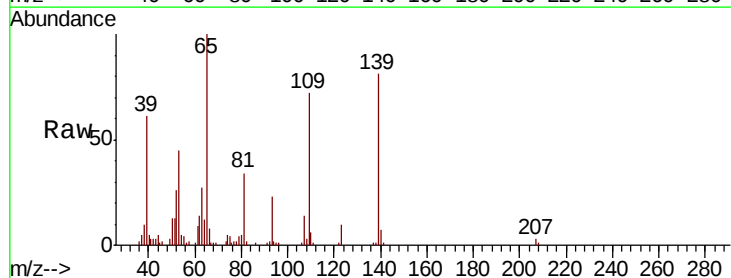
Instrument :
BNA_G
ClientSampled :

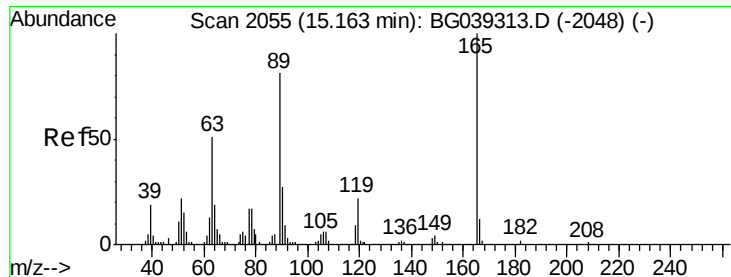
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	14.1	10.6	16.0



#56
4-Nitrophenol
Concen: 21.567 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.5	61.9	101.9
65	123.1	99.1	139.1

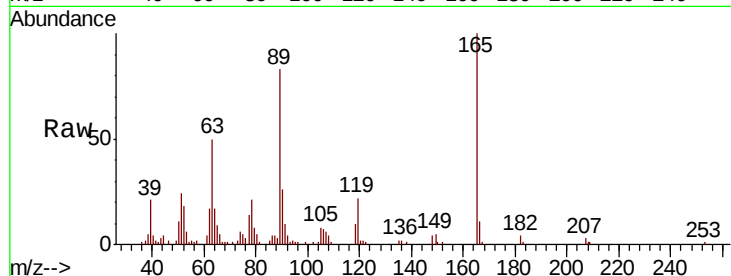




#57
 2,4-Dinitrotoluene
 Concen: 14.250 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.4	41.0	61.6
89	83.2	64.6	96.8
182	3.7	2.0	3.0



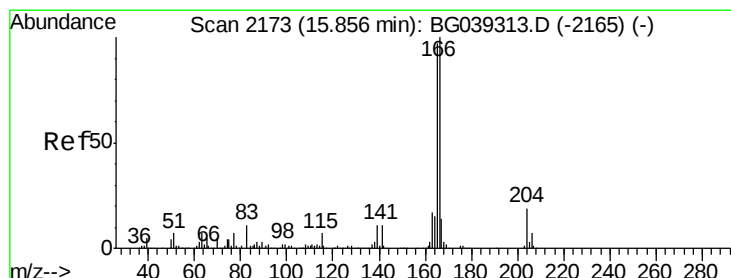
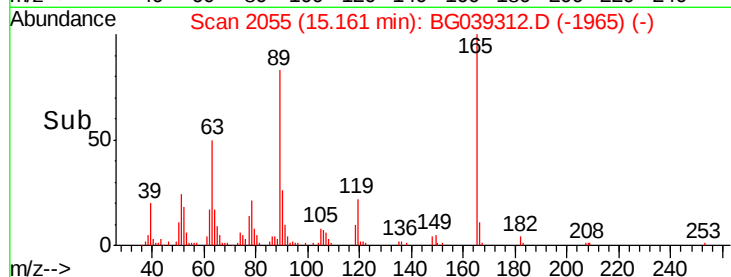
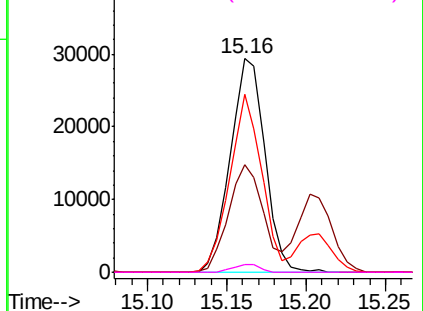
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

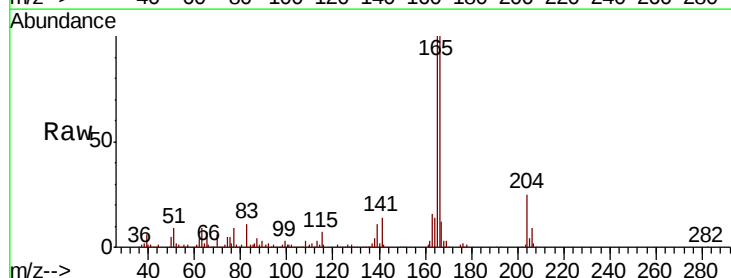
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 24.863 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.9	116.9
167	12.5	10.8	16.2

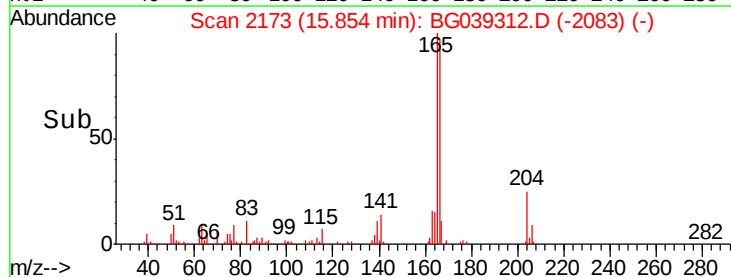
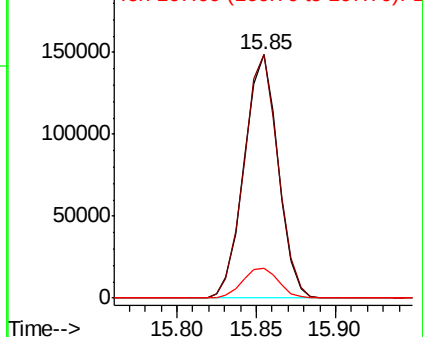


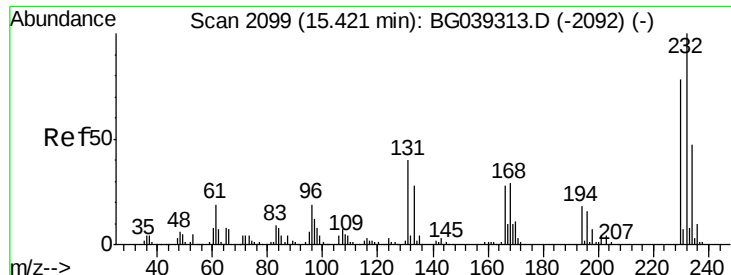
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

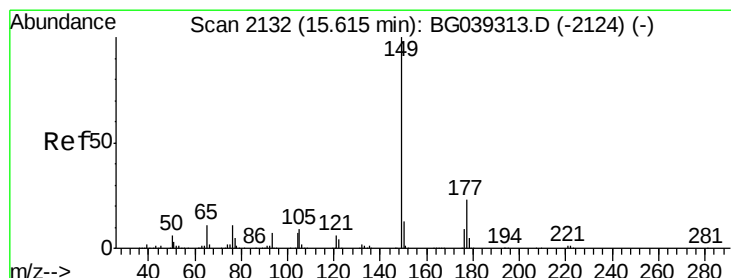
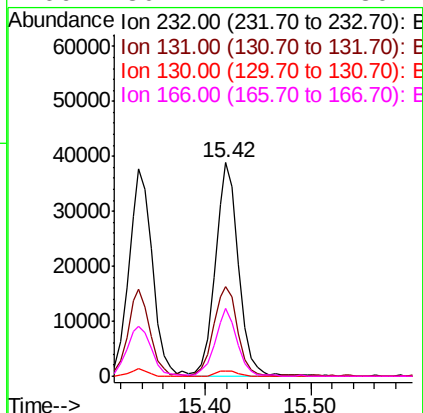
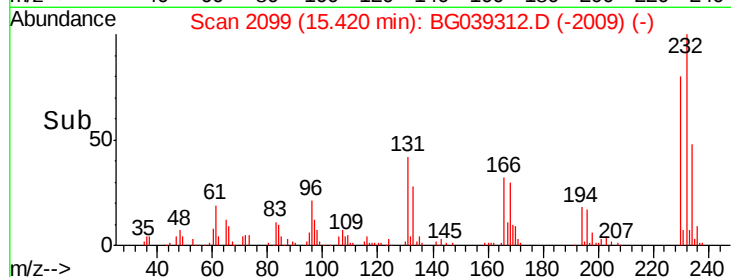
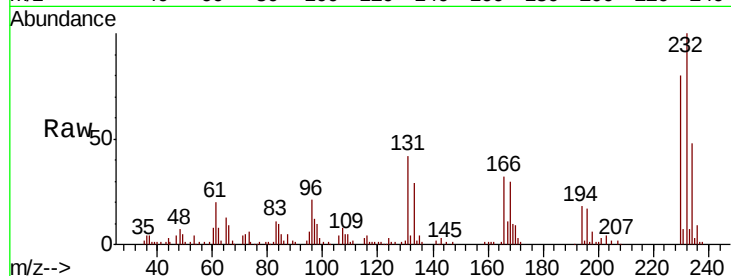




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 21.903 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

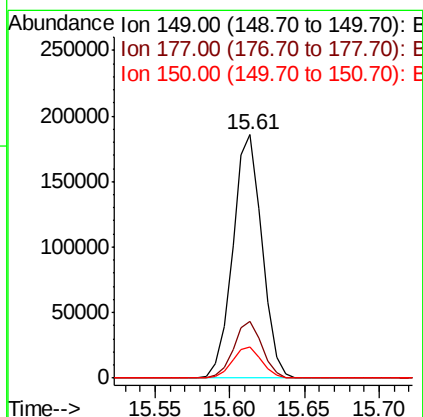
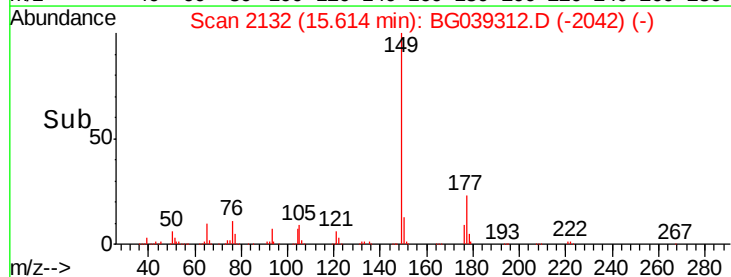
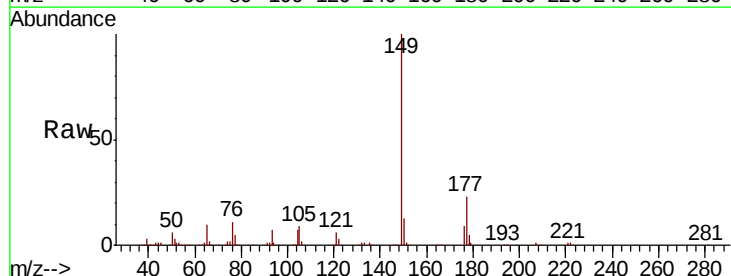
Instrument :
 BNA_G
 ClientSampled :

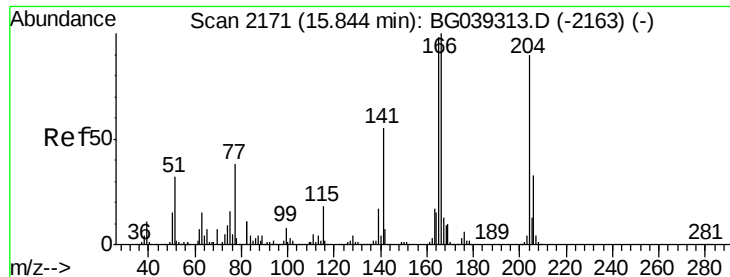
Tot Ion:	232	Resp:	59491
Ion	Ratio	Lower	Upper
232	100		
131	43.4	34.9	52.3
130	2.4	2.0	3.0
166	30.2	24.1	36.1



#60
 Diethylphthalate
 Concen: 25.177 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion:	149	Resp:	252478
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.8	10.2	15.2

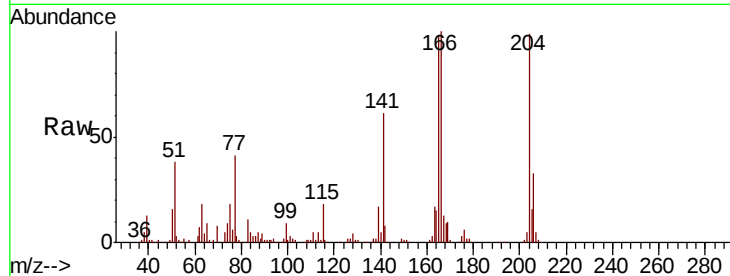




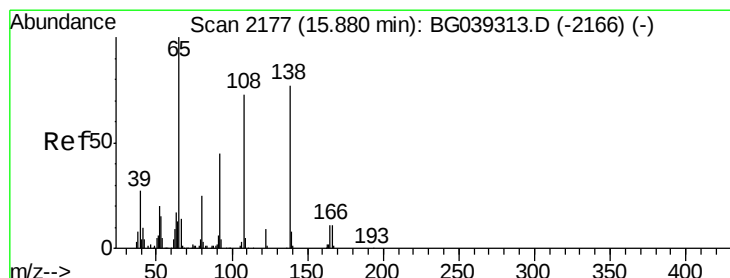
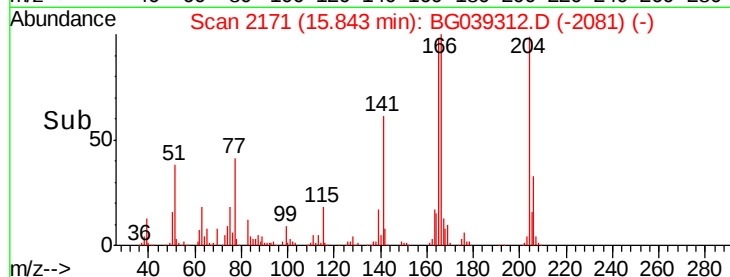
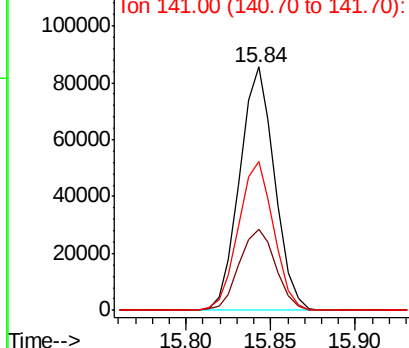
#61
4-Chlorophenyl-phenylether
Concen: 21.981 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 122786
Ion Ratio Lower Upper
204 100
206 33.1 29.2 43.8
141 61.3 49.0 73.4

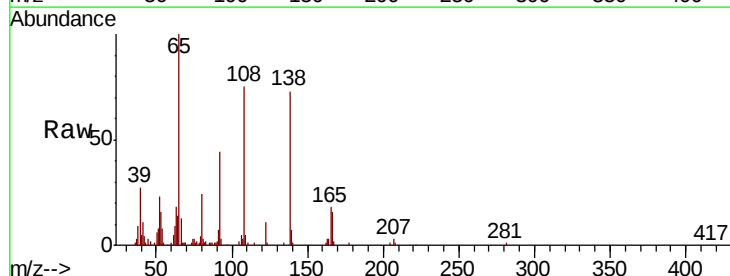


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

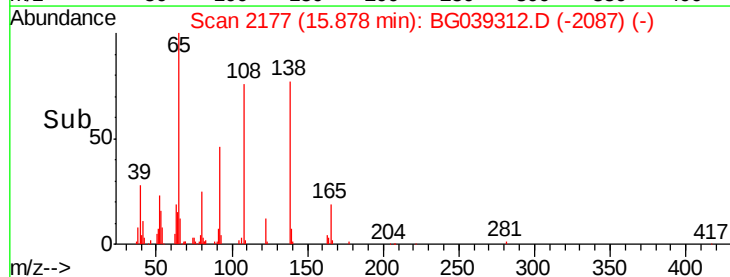
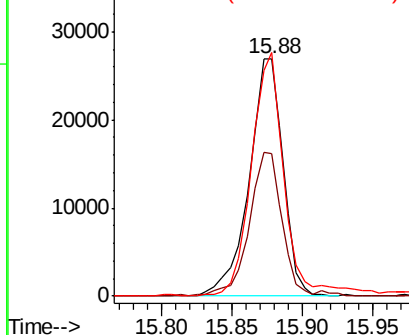


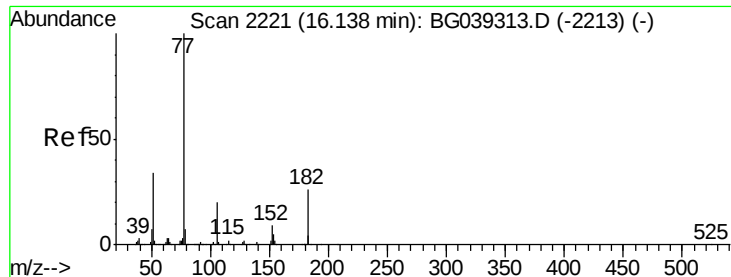
#62
4-Nitroaniline
Concen: 19.827 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:138 Resp: 45594
Ion Ratio Lower Upper
138 100
92 59.8 38.7 78.7
108 102.4 74.6 114.6



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

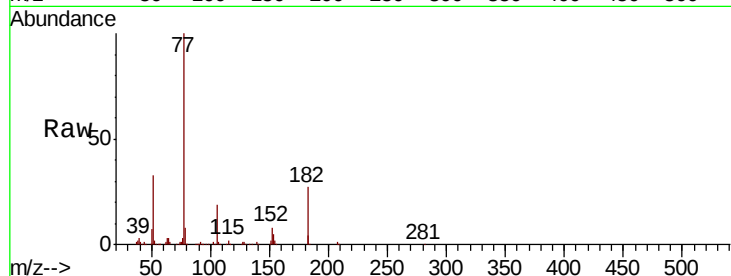




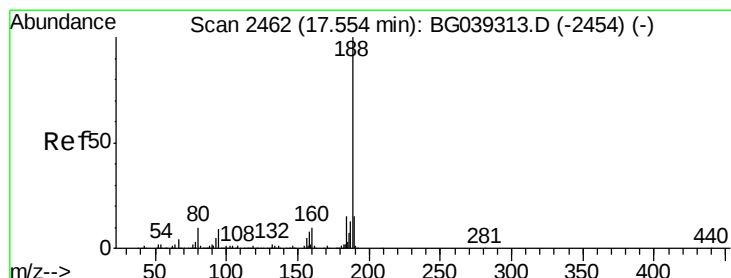
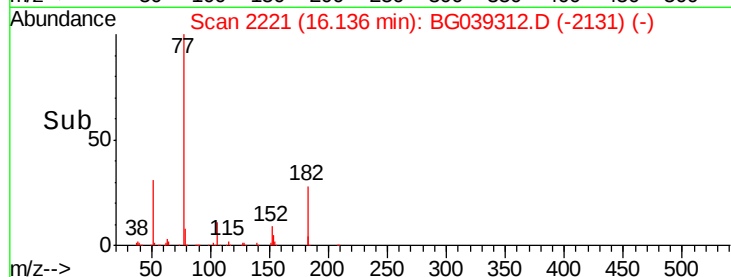
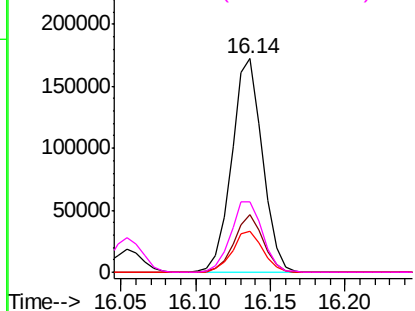
#63
Azobenzene
Concen: 31.353 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	245879
Ion	Ratio	Lower	Upper
77	100		
182	26.8	6.4	46.4
105	19.5	0.0	39.8
51	32.9	14.1	54.1

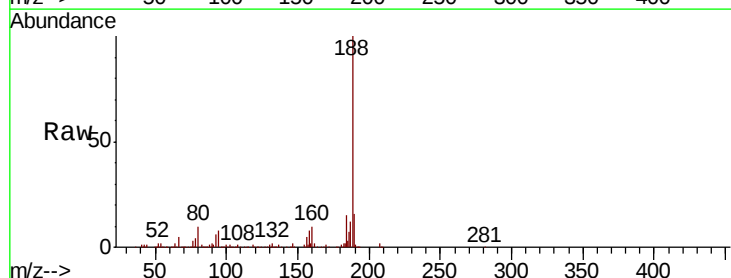


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

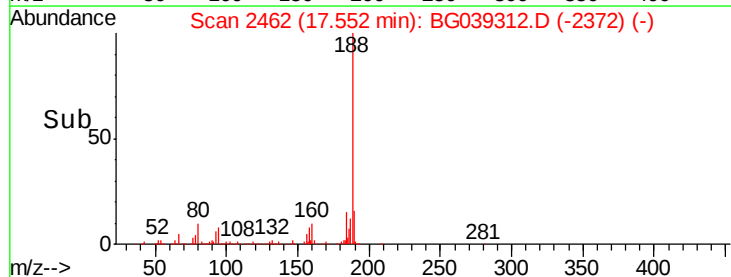
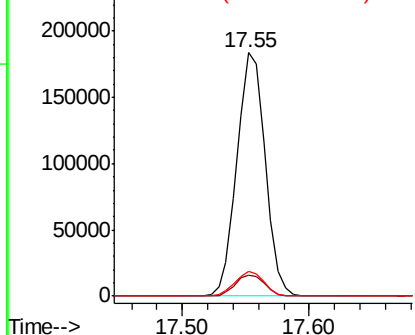


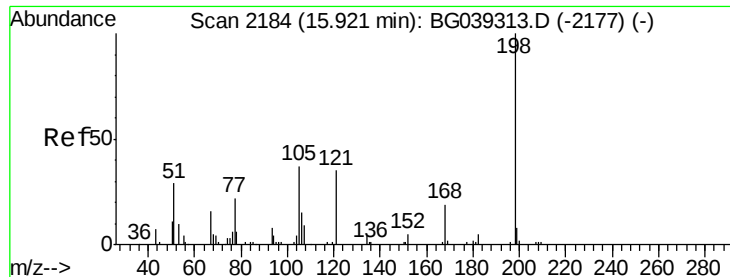
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:	188	Resp:	283347
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	10.0	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: 9.781 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

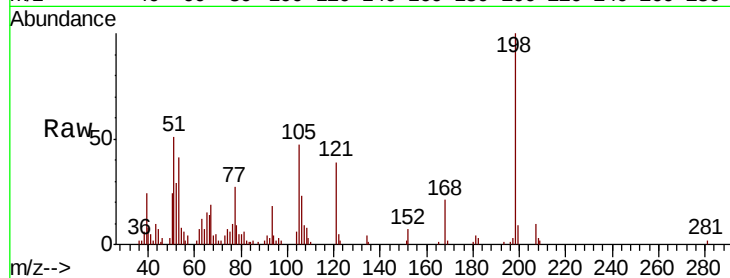
Tot Ion:198 Resp: 20532

Ion Ratio Lower Upper

198 100

51 50.7 27.4 67.4

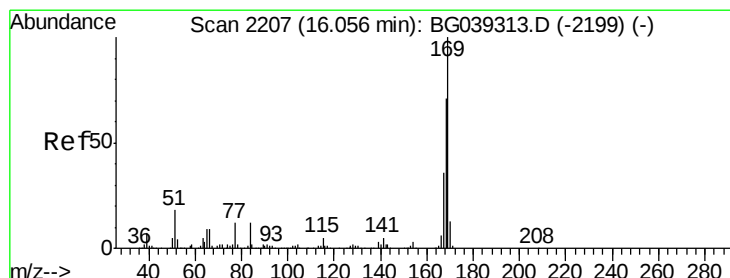
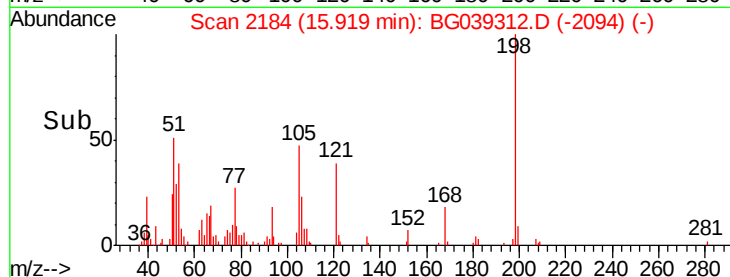
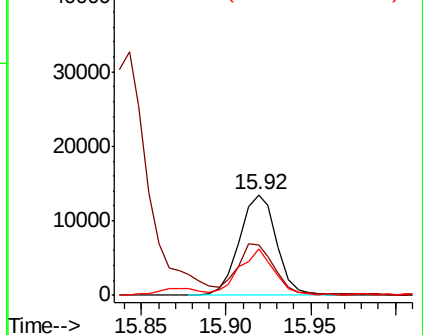
105 46.9 19.7 59.7



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: 26.233 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

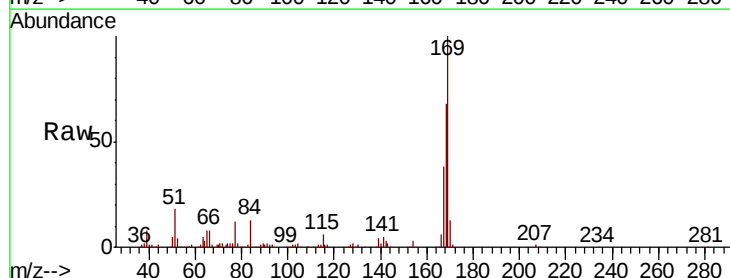
Tgt Ion:169 Resp: 220351

Ion Ratio Lower Upper

169 100

168 67.9 56.6 85.0

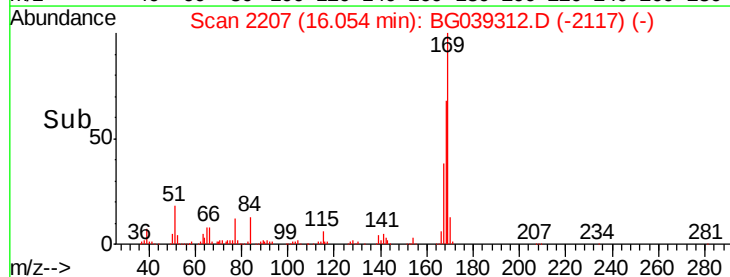
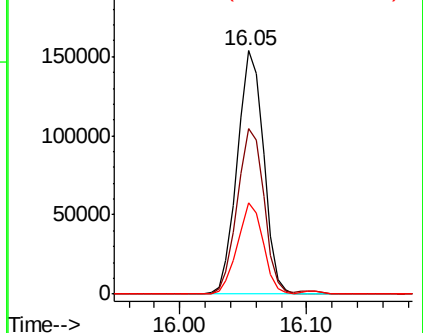
167 37.5 28.8 43.2

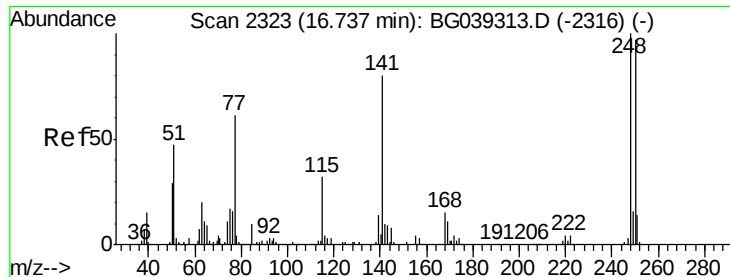


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

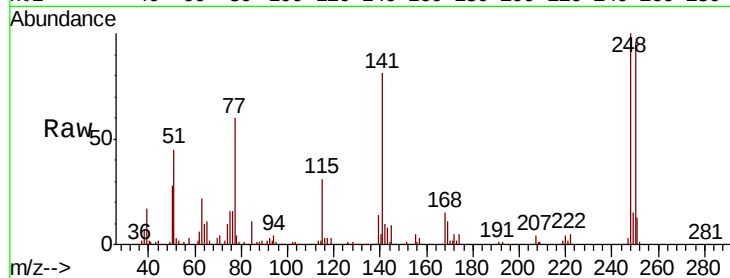




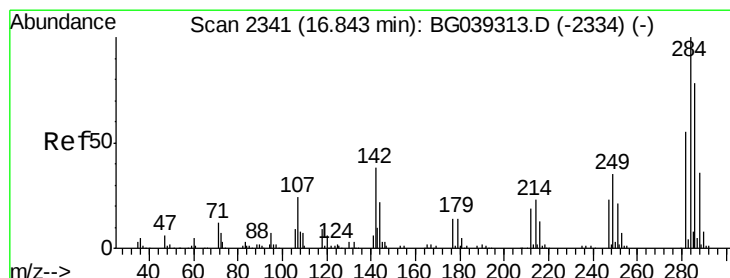
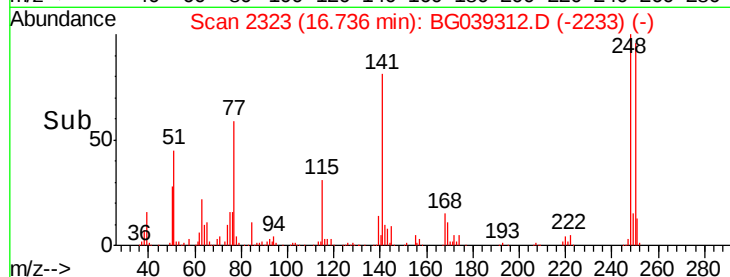
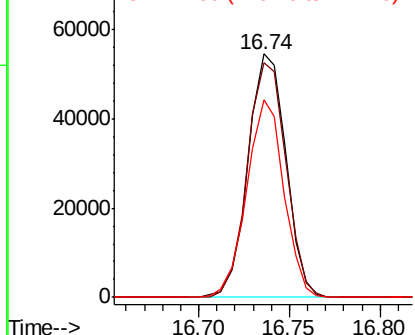
#67
4-Bromophenyl-phenylether
Concen: 21.758 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 79250
Ion Ratio Lower Upper
248 100
250 96.5 77.6 116.4
141 81.0 63.9 95.9

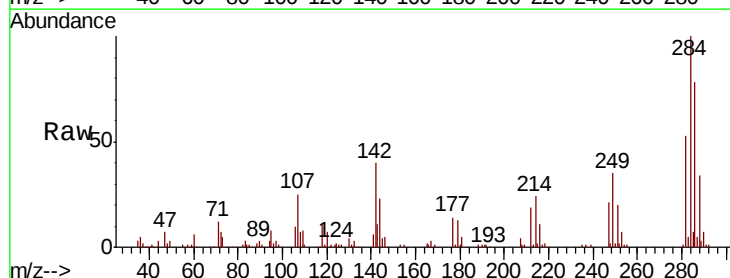


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

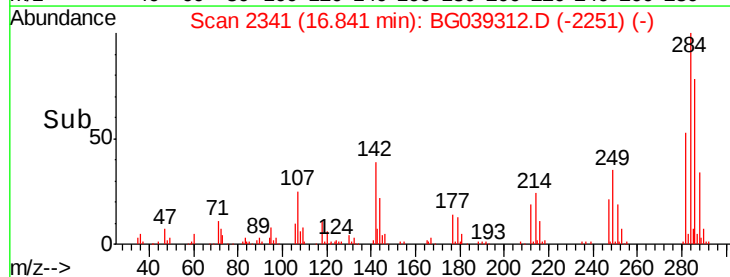
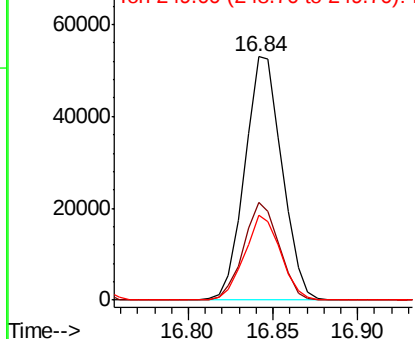


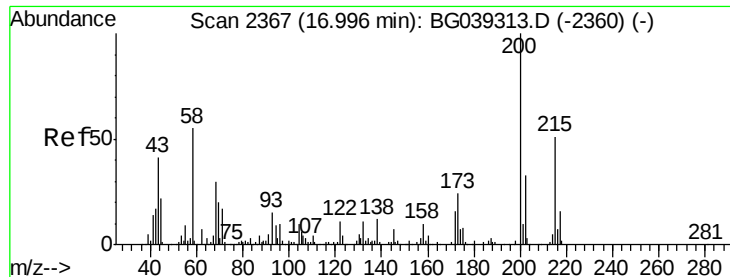
#68
Hexachlorobenzene
Concen: 20.427 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:284 Resp: 81186
Ion Ratio Lower Upper
284 100
142 40.0 30.6 45.8
249 35.0 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: 24.555 ng

RT: 16.99 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

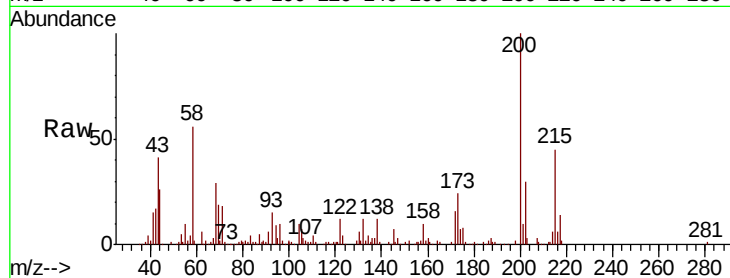
Tot Ion:200 Resp: 87620

Ion Ratio Lower Upper

200 100

173 24.1 3.9 43.9

215 45.3 30.9 70.9

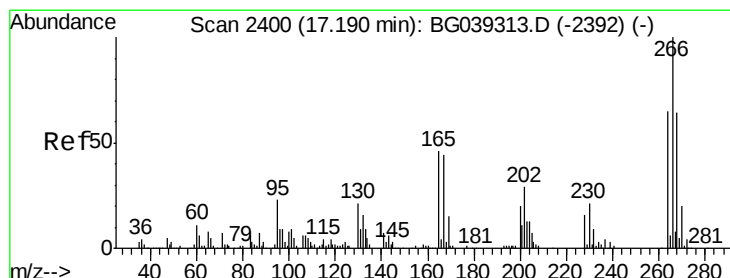
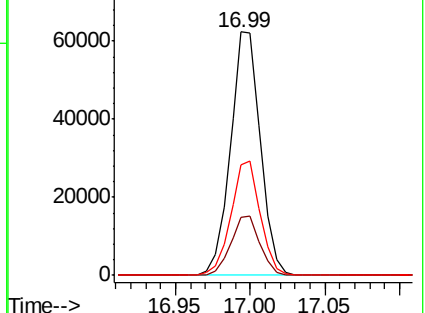
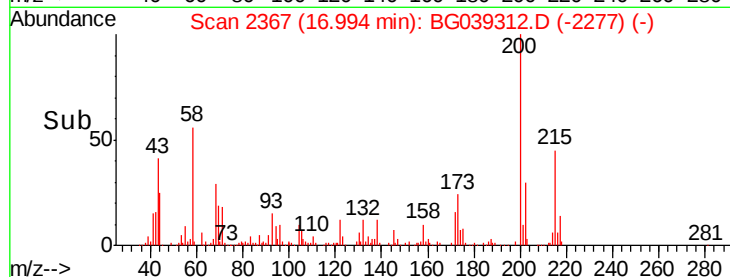


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 25.033 ng

RT: 17.19 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

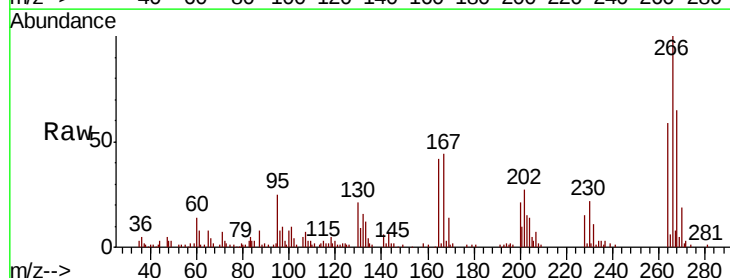
Tgt Ion:266 Resp: 53231

Ion Ratio Lower Upper

266 100

268 64.7 51.1 76.7

264 59.2 52.1 78.1

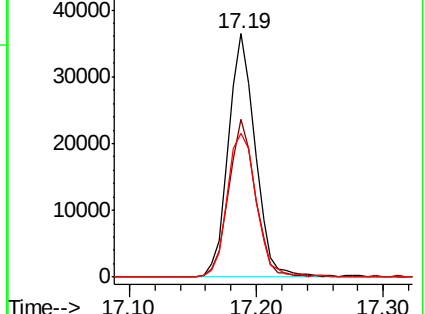
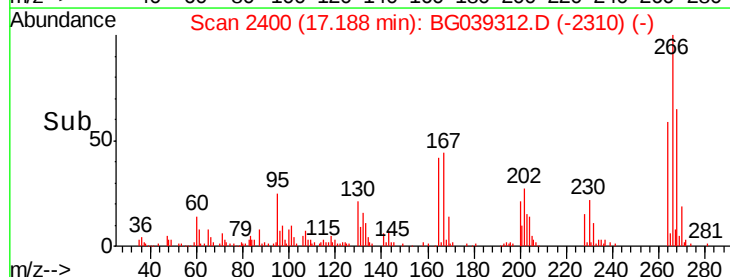


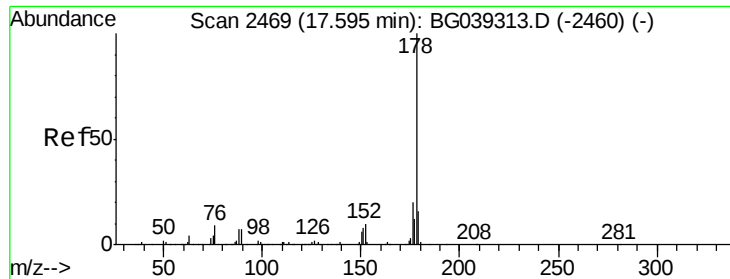
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

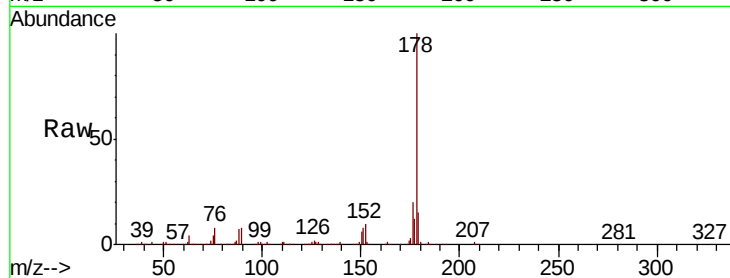




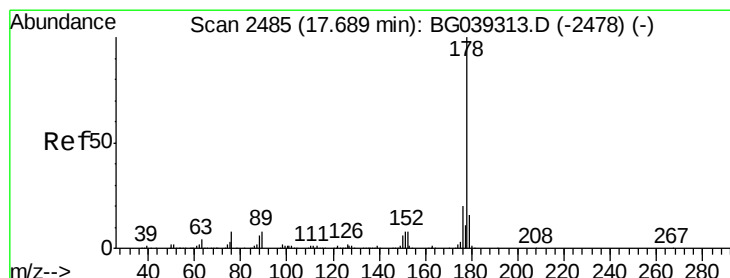
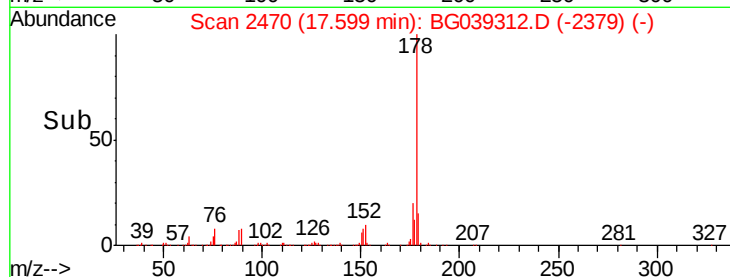
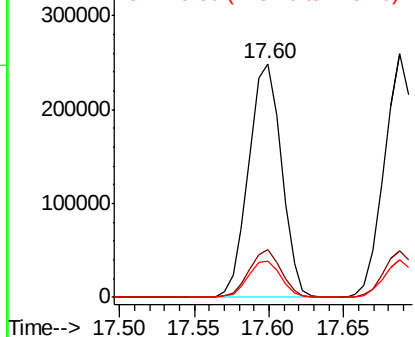
#71
Phenanthrene
Concen: 25.319 ng
RT: 17.60 min Scan# 2470
Delta R.T. 0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 379197
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 15.3 12.6 19.0

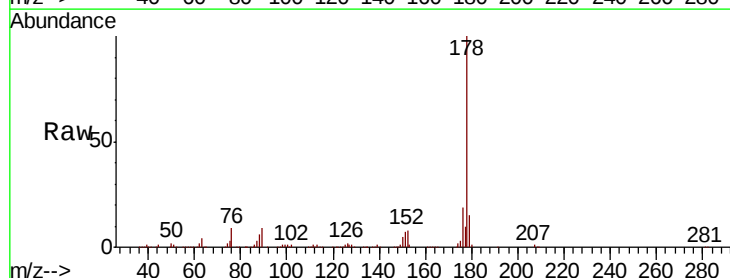


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

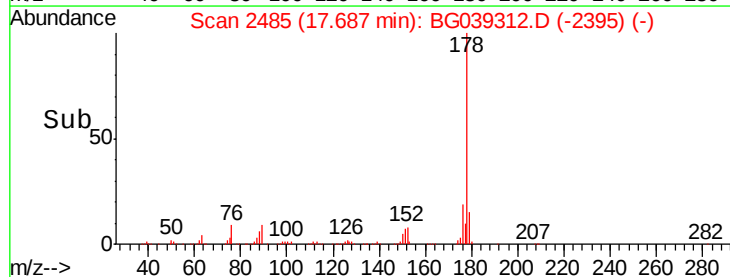
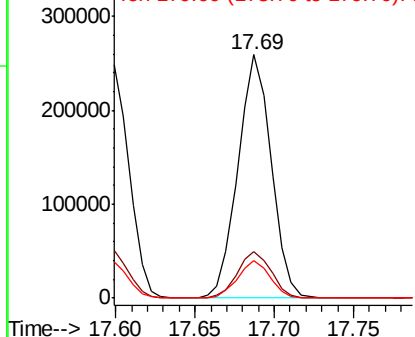


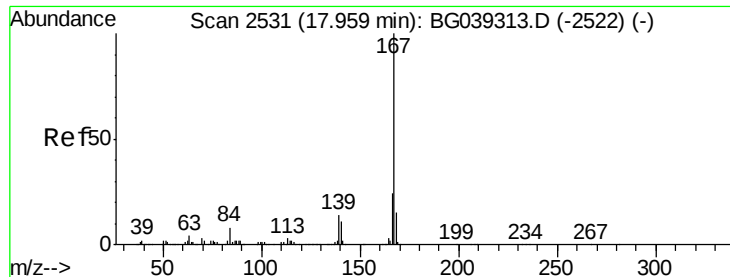
#72
Anthracene
Concen: 25.437 ng
RT: 17.69 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:178 Resp: 376673
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.6
179 15.3 12.5 18.7



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

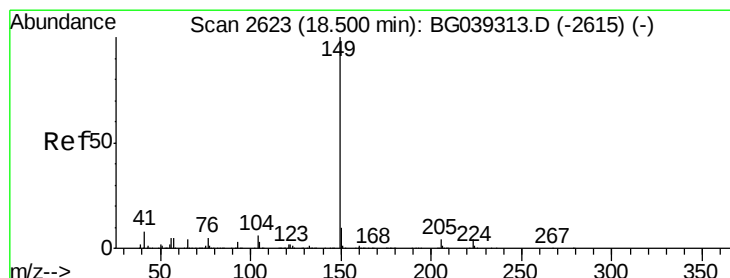
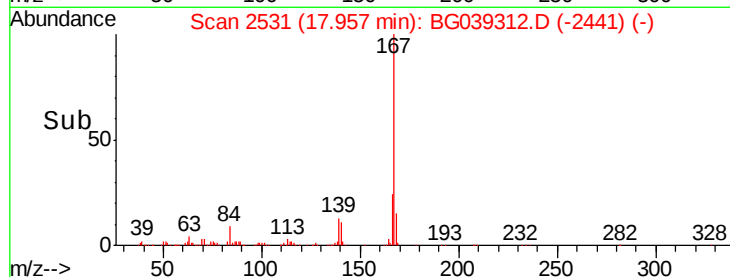
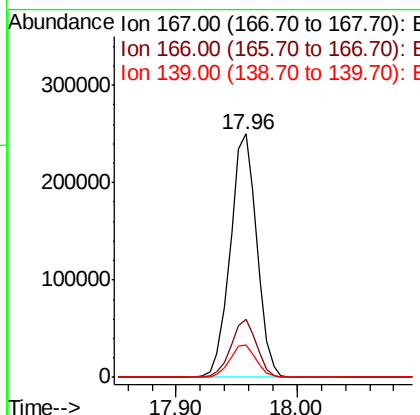
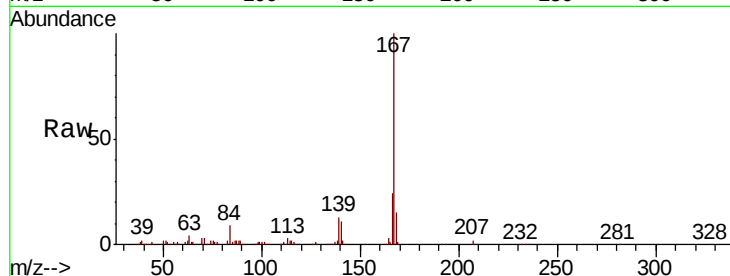




#73
 Carbazole
 Concen: 26.070 ng
 RT: 17.96 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

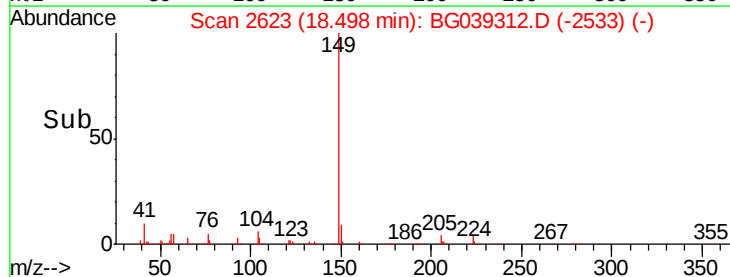
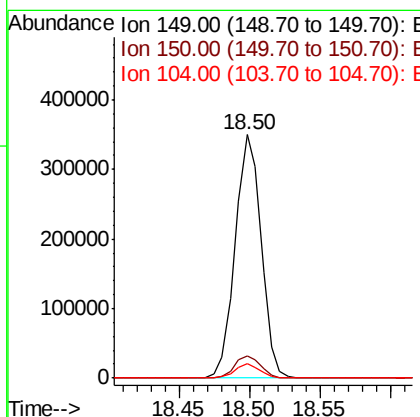
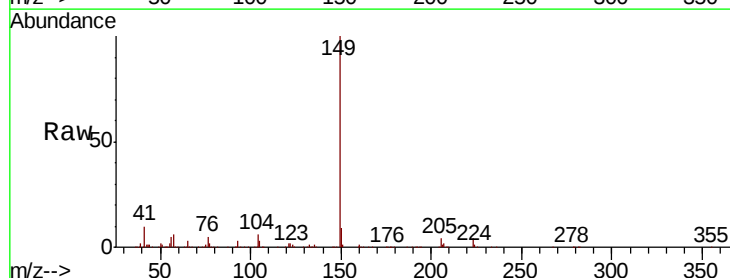
Instrument :
 BNA_G
 ClientSampleId :

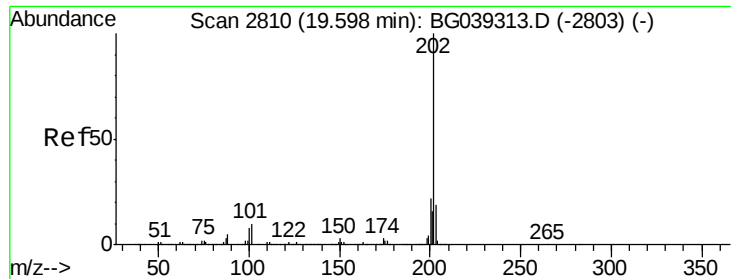
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.4	29.2
139	13.4	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 27.533 ng
 RT: 18.50 min Scan# 2623
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 24.326 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

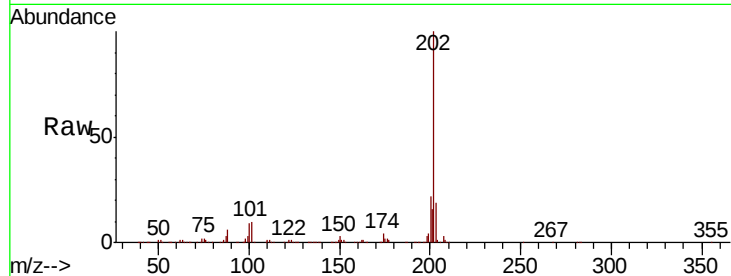
Tot Ion:202 Resp: 451646

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.0

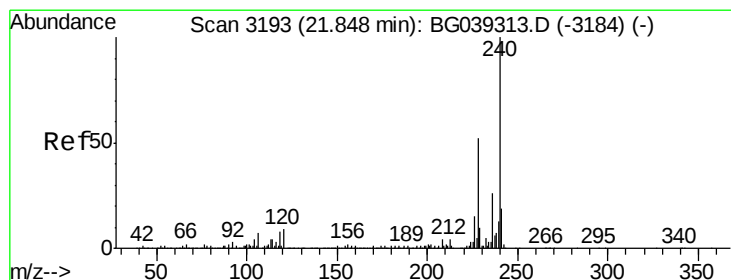
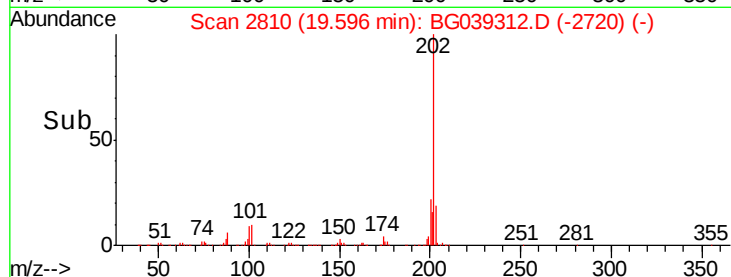
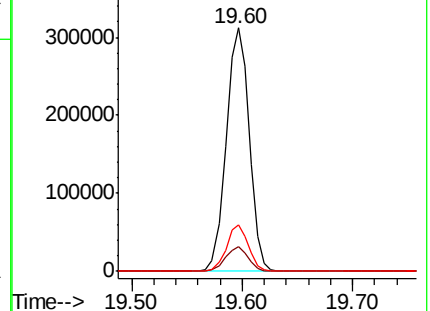
203 19.3 0.0 38.9



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: 21.85 min Scan# 3194

Delta R.T. 0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

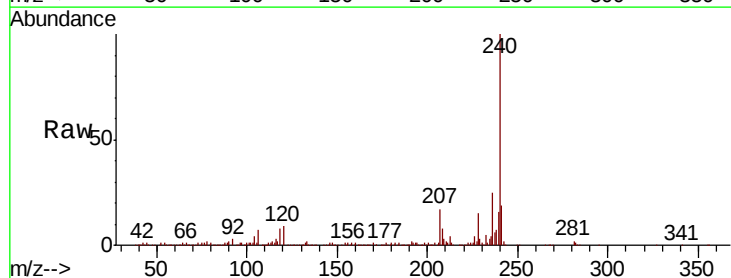
Tgt Ion:240 Resp: 289749

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

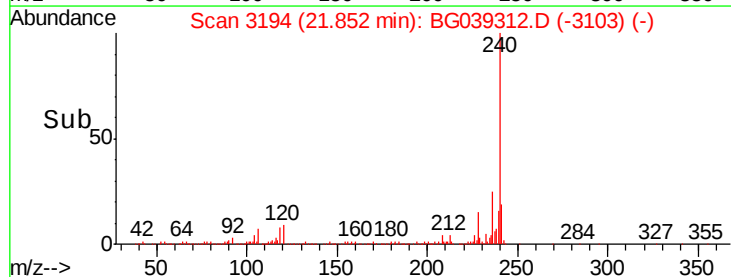
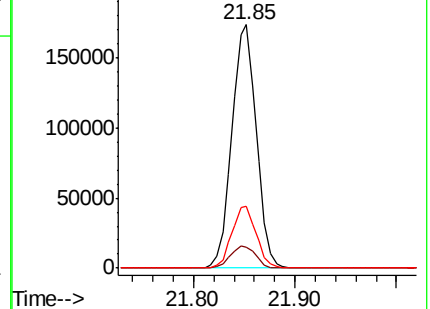
236 25.4 21.0 31.4

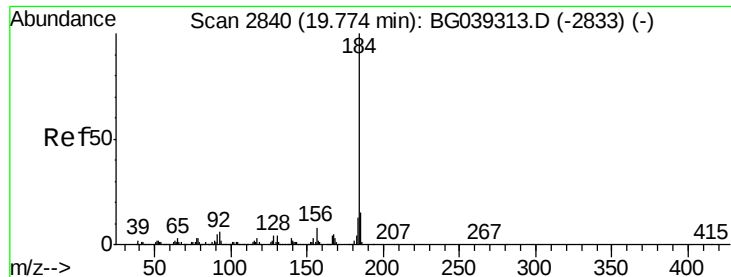


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.059 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

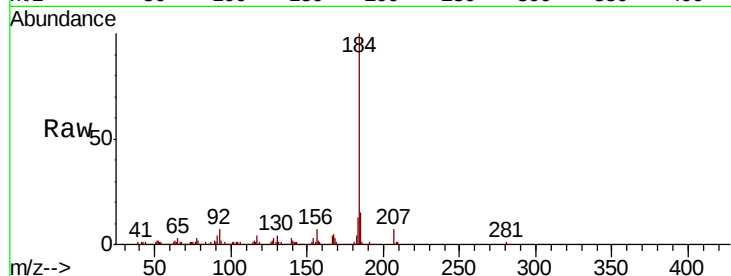
Tot Ion:184 Resp: 222081

Ion Ratio Lower Upper

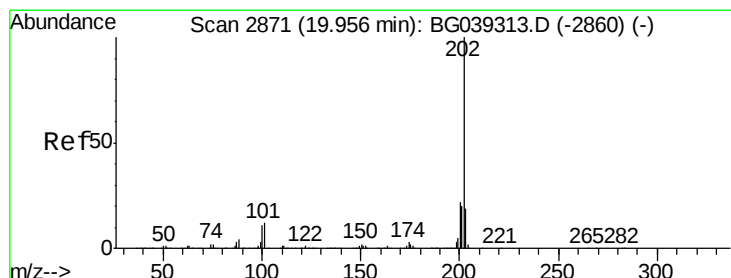
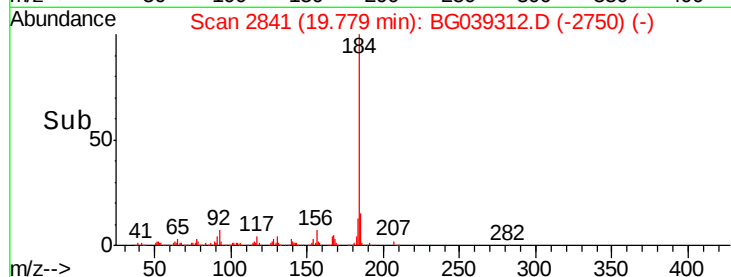
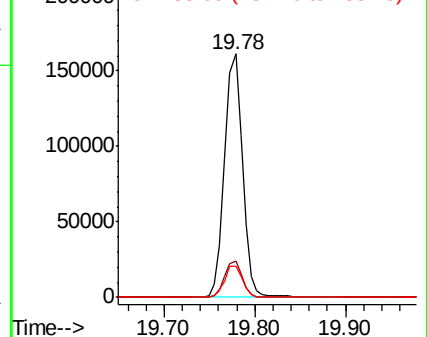
184 100

185 14.7 12.2 18.2

183 12.8 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: 25.335 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

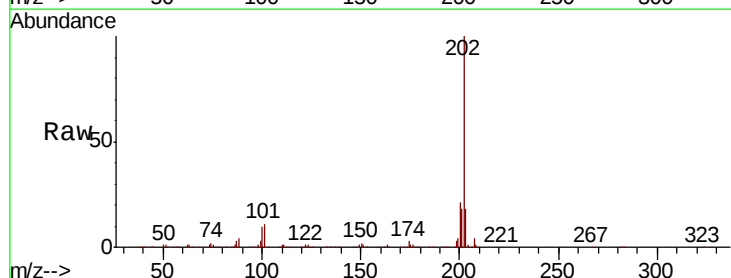
Tgt Ion:202 Resp: 467816

Ion Ratio Lower Upper

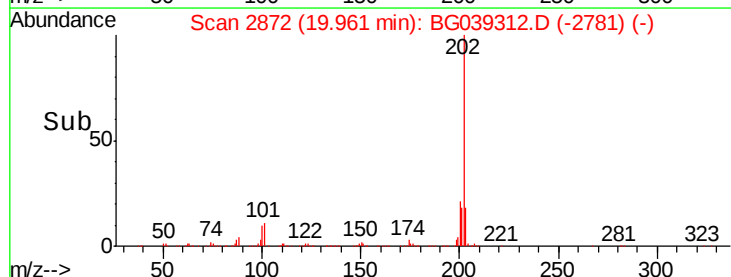
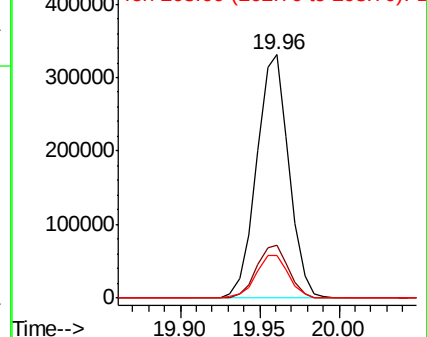
202 100

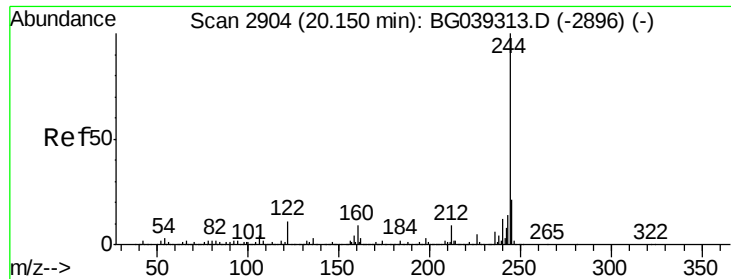
200 21.5 17.8 26.8

203 17.7 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

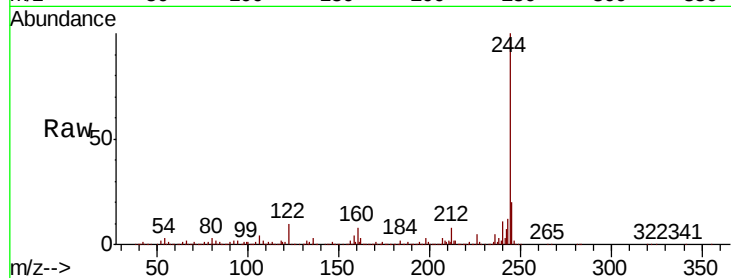




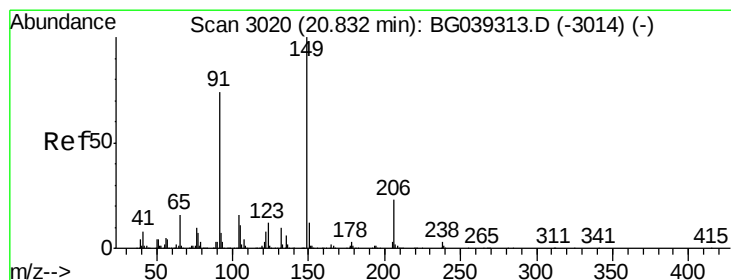
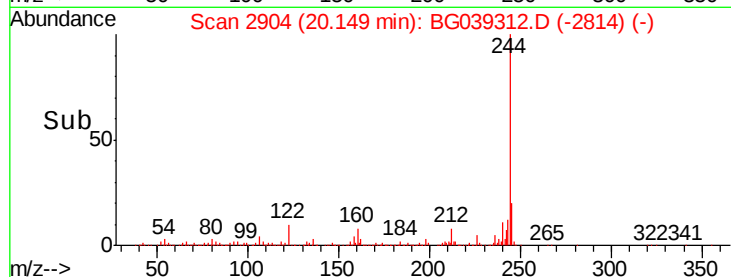
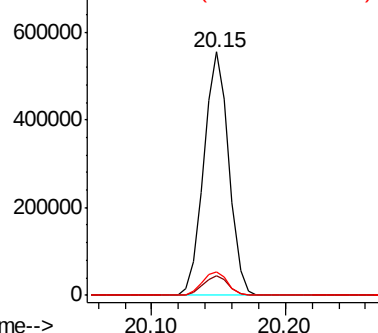
#79
 Terphenyl-d14
 Concen: 46.322 ng
 RT: 20.15 min Scan# 2904
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.3	10.9
122	9.7	8.4	12.6

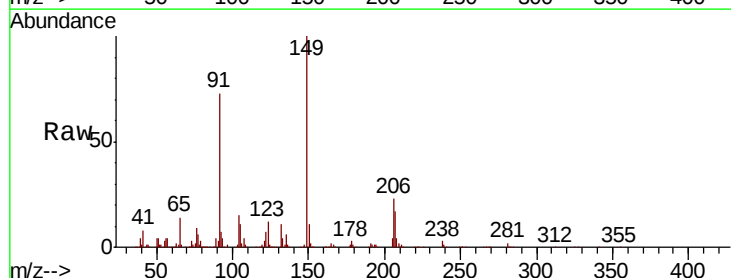


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

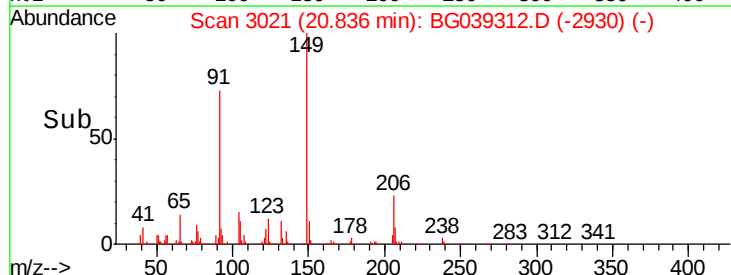
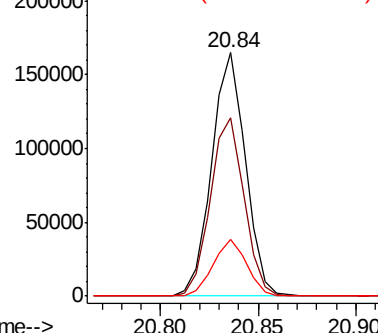


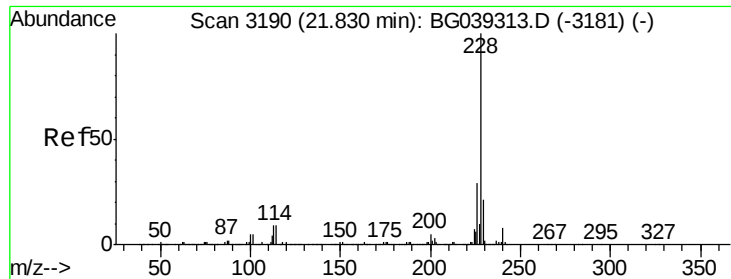
#80
 Butylbenzylphthalate
 Concen: 27.956 ng
 RT: 20.84 min Scan# 3021
 Delta R.T. 0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.2	59.5	89.3
206	23.2	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: 25.087 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

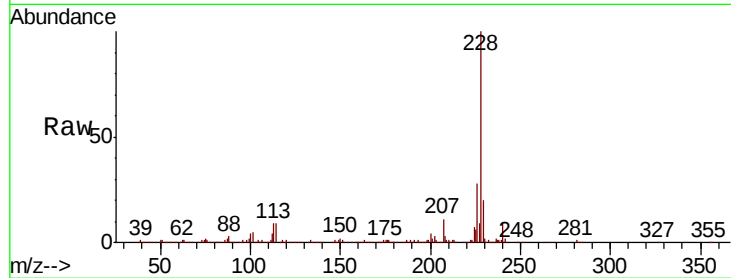
Tot Ion:228 Resp: 442493

Ion Ratio Lower Upper

228 100

226 28.2 23.0 34.6

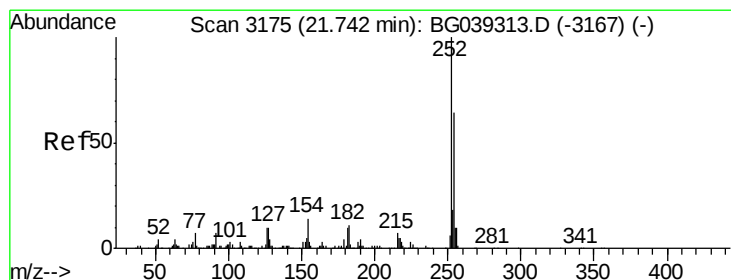
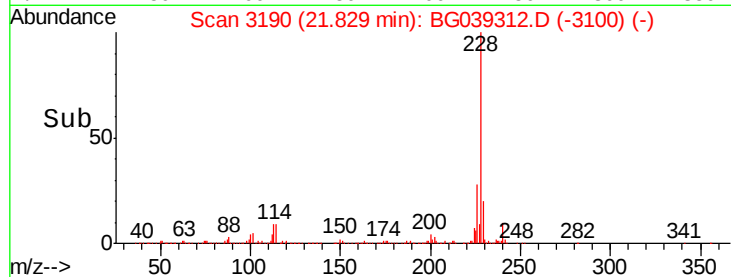
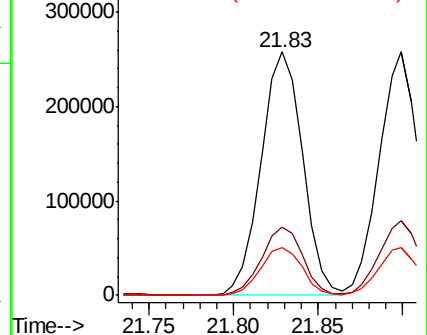
229 19.6 16.9 25.3



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: 23.180 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

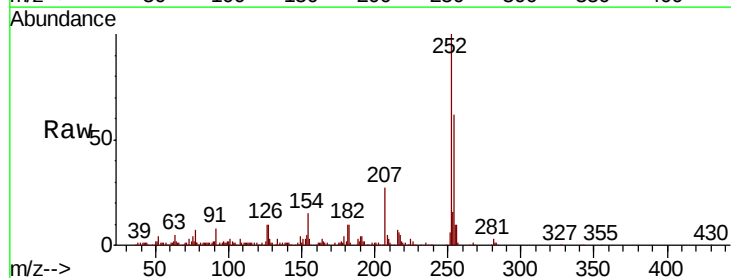
Tgt Ion:252 Resp: 166585

Ion Ratio Lower Upper

252 100

254 61.6 51.3 76.9

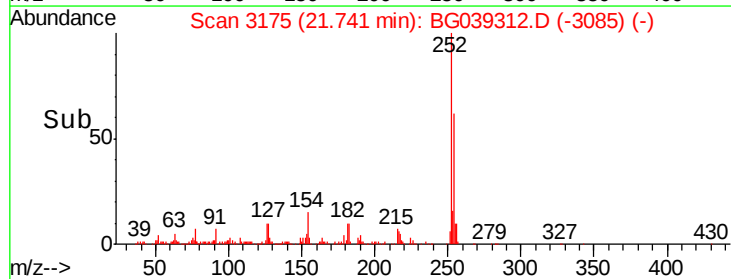
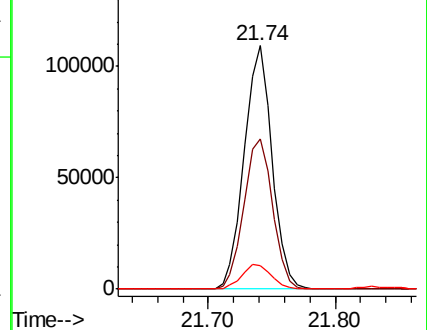
126 9.8 8.0 12.0

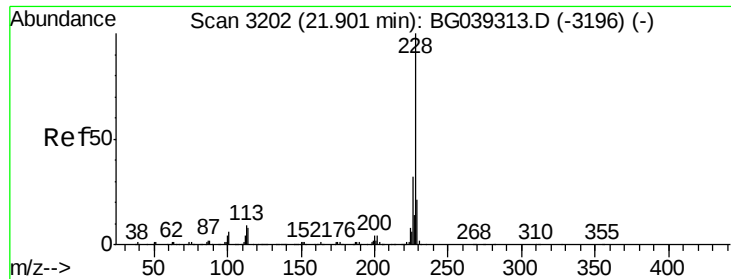


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

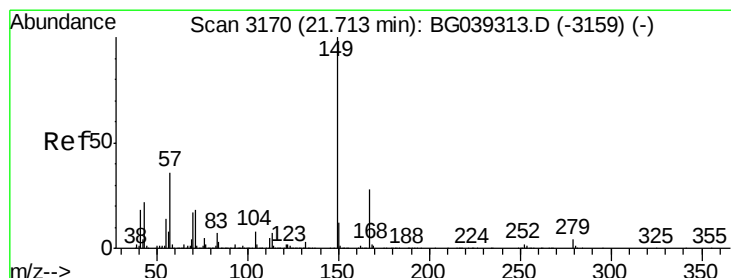
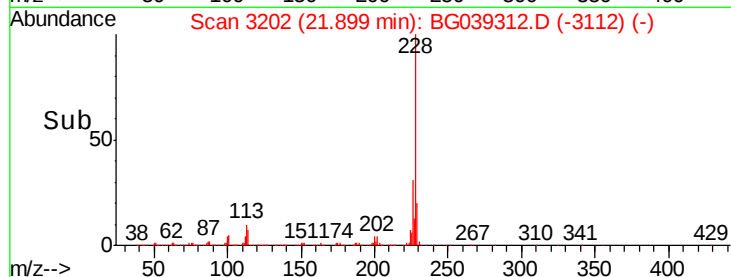
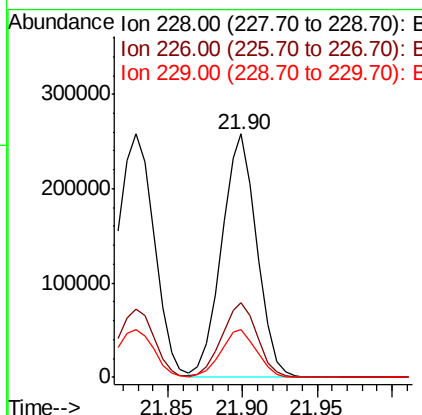
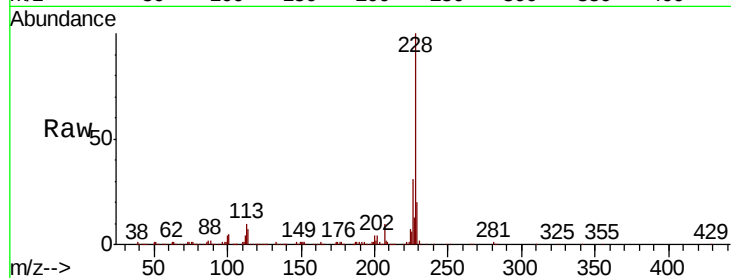




#83
 Chrvsene
 Concen: 25.173 ng
 RT: 21.90 min Scan# 3202
 Delta R.T. -0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

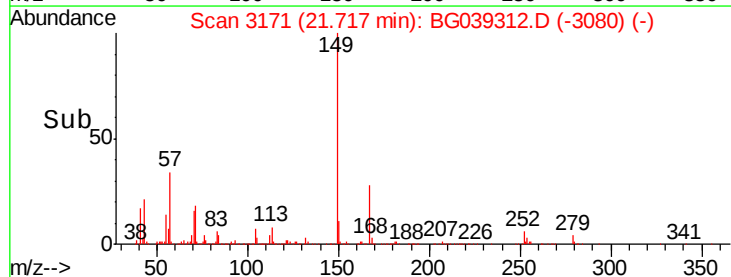
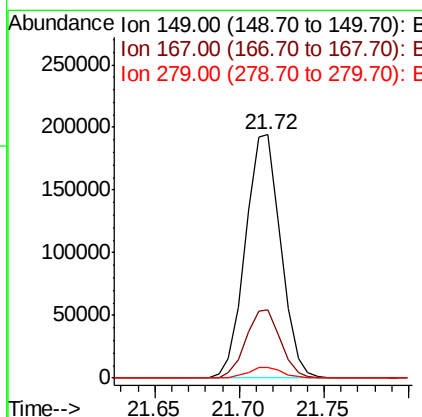
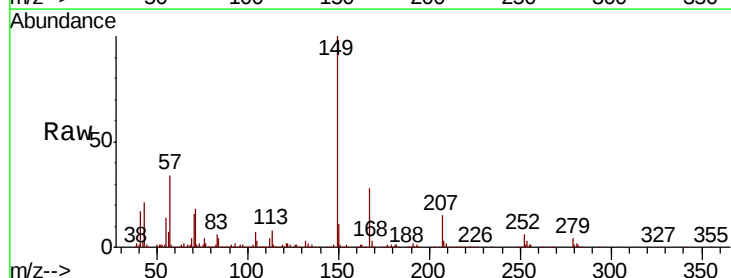
Instrument :
 BNA_G
 ClientSampleId :

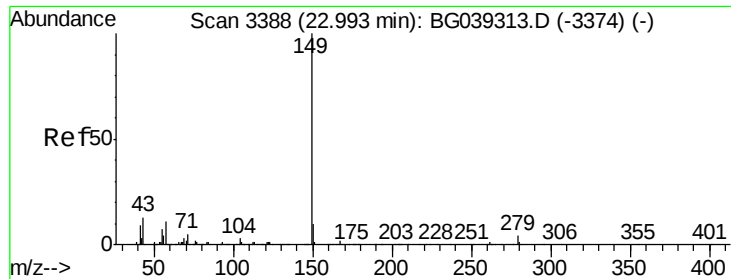
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.8	38.6
229	19.9	16.6	25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 28.819 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: BG039312.D
 Acq: 29 Jan 2019 10:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.6	34.0
279	4.4	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 28.033 ng

RT: 22.99 min Scan# 3388

Delta R.T. -0.00 min

Lab File: BG039312.D

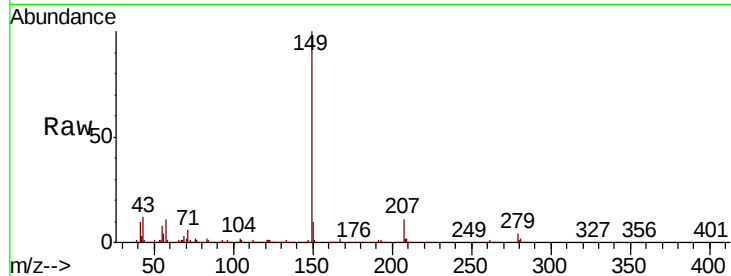
Acq: 29 Jan 2019 10:55

Instrument :

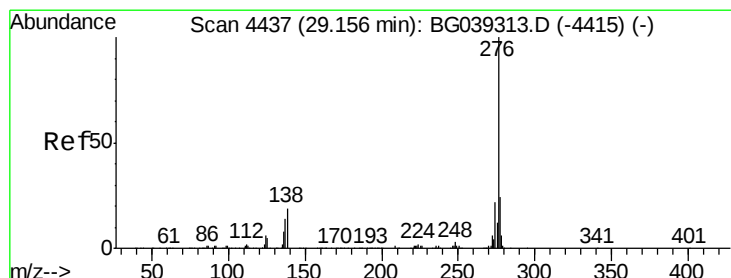
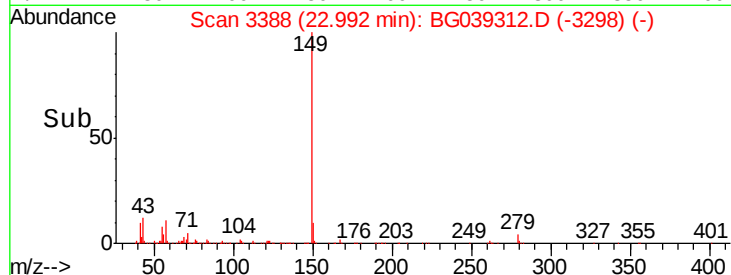
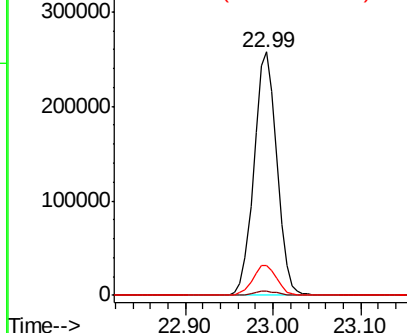
BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	462235
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.0	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: 22.289 ng

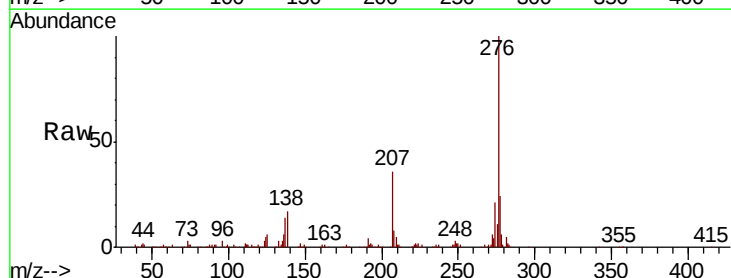
RT: 29.15 min Scan# 4436

Delta R.T. -0.01 min

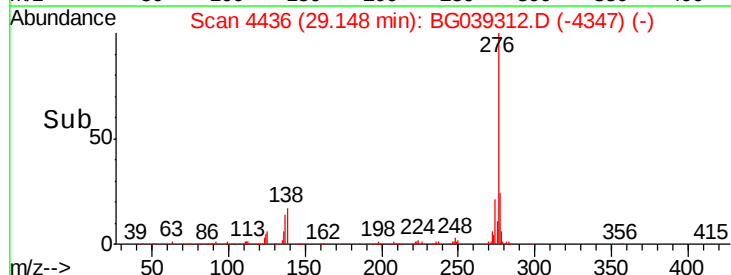
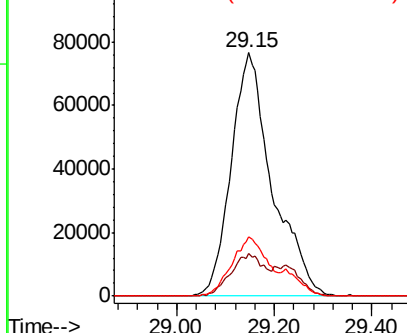
Lab File: BG039312.D

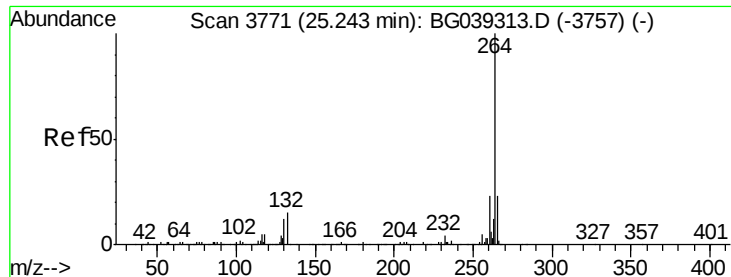
Acq: 29 Jan 2019 10:55

Tgt Ion:	276	Resp:	446782
Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.6	19.0
277	21.1	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: 25.25 min Scan# 3772

Delta R.T. 0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampled :

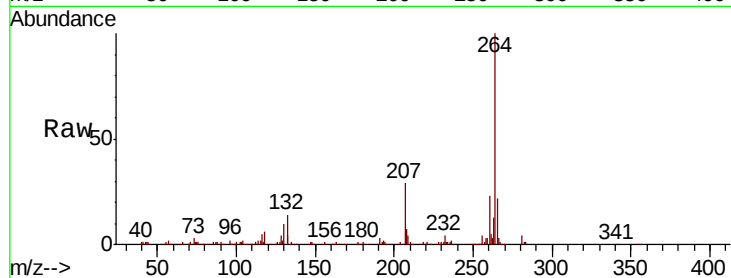
Tot Ion:264 Resp: 292580

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

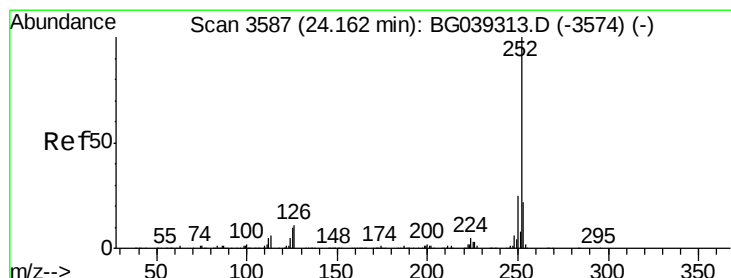
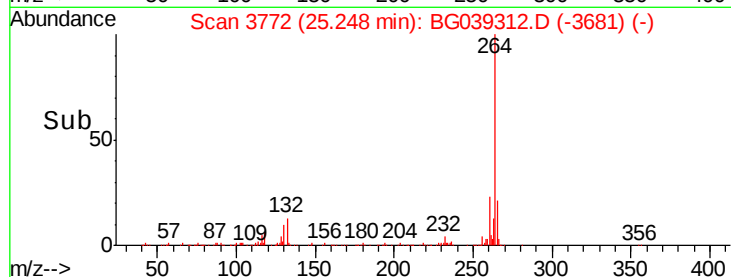
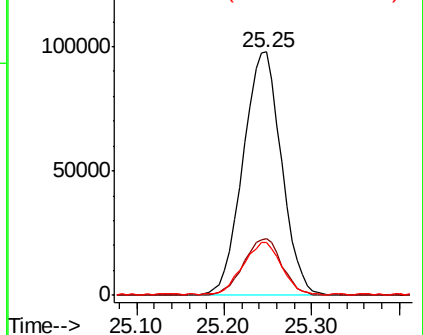
265 21.6 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 25.066 ng

RT: 24.15 min Scan# 3586

Delta R.T. -0.01 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

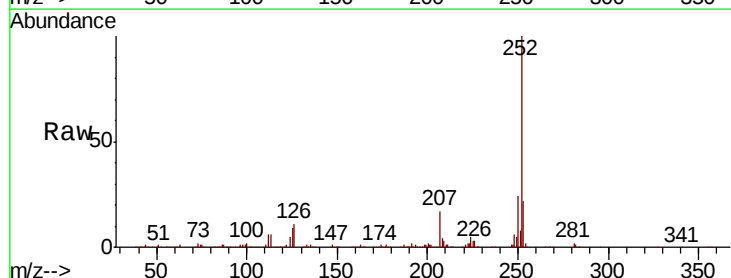
Tgt Ion:252 Resp: 404392

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

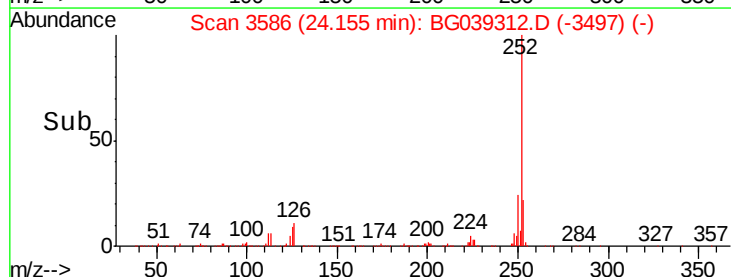
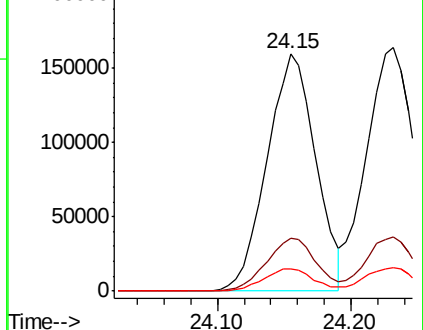
125 9.4 7.8 11.6

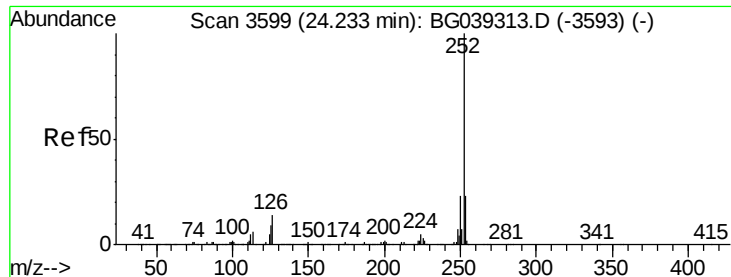


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 25.742 ng

RT: 24.23 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

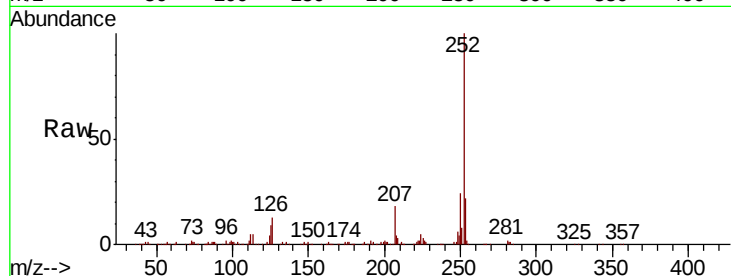
Tot Ion:252 Resp: 410612

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

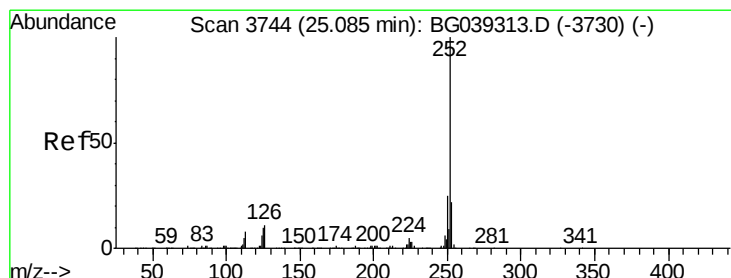
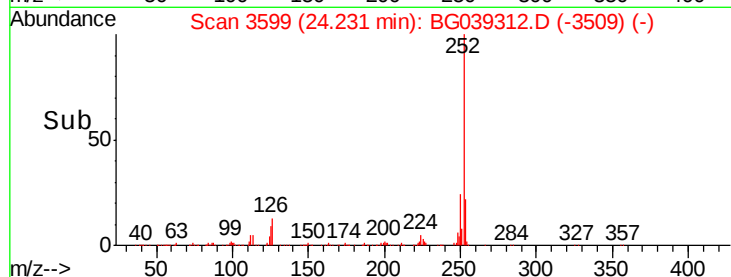
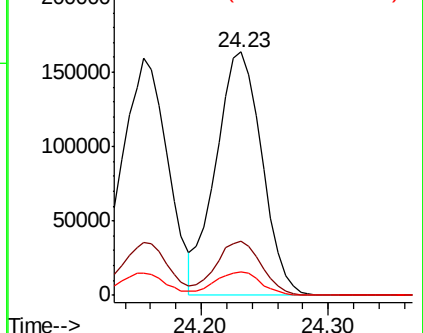
125 9.5 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 25.212 ng

RT: 25.08 min Scan# 3744

Delta R.T. -0.00 min

Lab File: BG039312.D

Acq: 29 Jan 2019 10:55

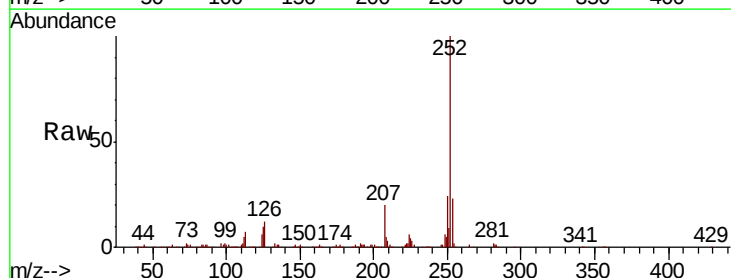
Tgt Ion:252 Resp: 393154

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

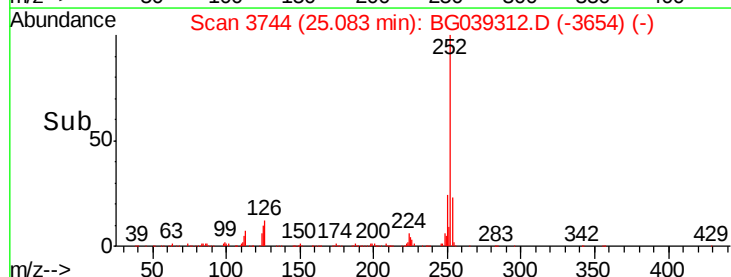
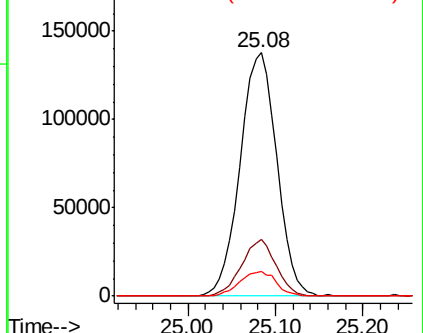
125 10.0 8.3 12.5

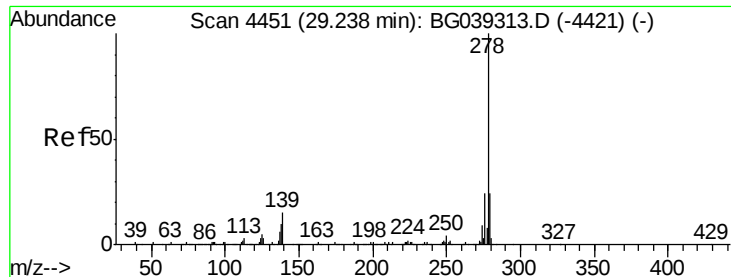


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

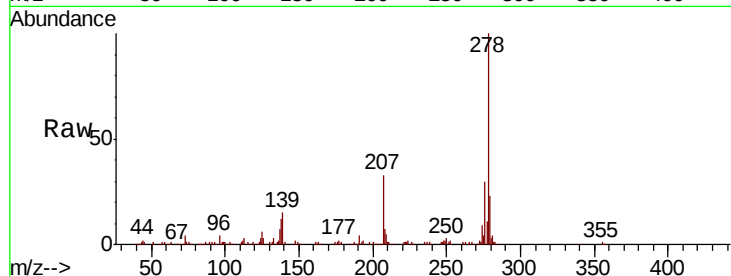




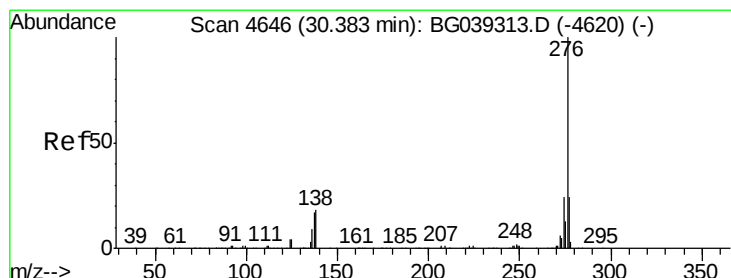
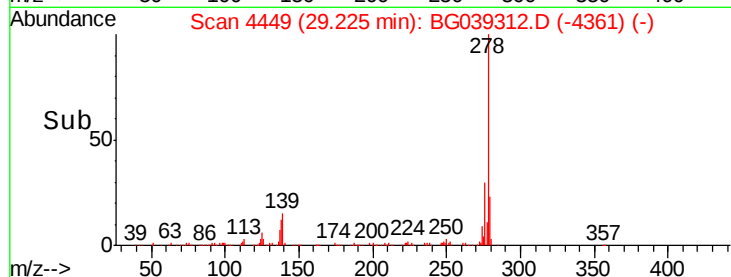
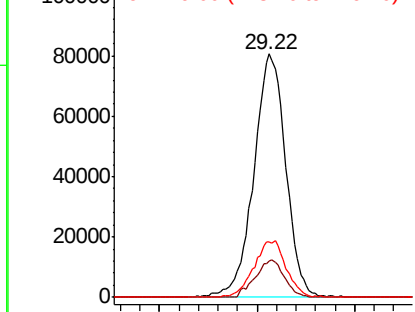
#91
Dibenzo(a,h)anthracene
Concen: 23.677 ng
RT: 29.22 min Scan# 4449
Delta R.T. -0.01 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 367242
Ion Ratio Lower Upper
278 100
139 14.8 11.7 17.5
279 22.6 19.1 28.7

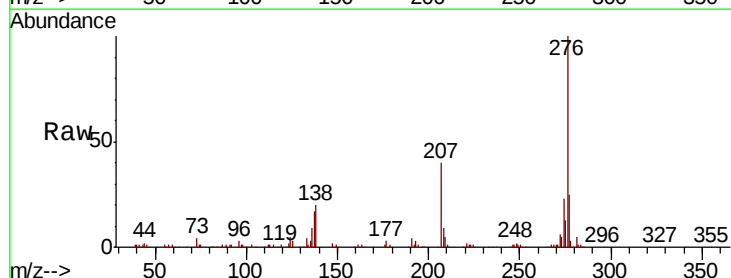


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 23.625 ng
RT: 30.36 min Scan# 4643
Delta R.T. -0.02 min
Lab File: BG039312.D
Acq: 29 Jan 2019 10:55

Tgt Ion:276 Resp: 362760
Ion Ratio Lower Upper
276 100
277 24.9 19.6 29.4
138 19.8 14.7 22.1



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

