

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039398.D
 Acq On : 8 Feb 2019 1:32
 Operator : JU/SJ
 Sample : K1385-08MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 98-WC-S-01-2-57MSD

Quant Time: Feb 08 09:16:24 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 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	57816	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	243776	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	163432	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	392334	20.00	ng	0.00
76) Chrysene-d12	21.84	240	398471	20.00	ng	0.00
87) Perylene-d12	25.22	264	421601	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	438972	129.95	ng	0.00
7) Phenol-d6	7.32	99	588188	118.29	ng	0.00
23) Nitrobenzene-d5	9.36	82	391572	100.35	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	255112	144.96	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	934546	82.03	ng	0.00
79) Terphenyl-d14	20.14	244	1497427	79.54	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.62	88	45763	30.97	ng	# 24
3) Pyridine	4.02	79	129452	33.09	ng	94
4) n-Nitrosodimethylamine	3.93	42	75981	38.83	ng	85
6) Aniline	7.51	93	82123	13.19	ng	97
8) 2-Chlorophenol	7.73	128	159343	43.15	ng	98
9) Benzaldehyde	7.32	77	85207	32.50	ng	97
10) Phenol	7.35	94	196622	37.93	ng	95
11) bis(2-Chloroethyl)ether	7.59	93	157392	38.43	ng	99
12) 1,3-Dichlorobenzene	8.06	146	169557	37.90	ng	97
13) 1,4-Dichlorobenzene	8.22	146	172108	38.60	ng	98
14) 1,2-Dichlorobenzene	8.53	146	168098	38.95	ng	99
15) Benzyl Alcohol	8.42	79	155712	39.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	311868	33.72	ng	99
17) 2-Methylphenol	8.60	107	140074	41.76	ng	98
18) Hexachloroethane	9.26	117	59867	39.03	ng	96
19) n-Nitroso-di-n-propylamine	8.98	70	128421	36.39	ng	96
20) 3+4-Methylphenols	8.93	107	191615	41.48	ng	98
22) Acetophenone	9.01	105	246637	37.66	ng	# 95
24) Nitrobenzene	9.40	77	187914	44.58	ng	96
25) Isophorone	9.91	82	368568	42.62	ng	99
26) 2-Nitrophenol	10.11	139	88475	52.13	ng	97
27) 2,4-Dimethylphenol	10.15	122	165614	47.35	ng	96
28) bis(2-Chloroethoxy)methane	10.40	93	221468	41.58	ng	99
29) 2,4-Dichlorophenol	10.64	162	177387	46.40	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	179856	41.90	ng	94
31) Naphthalene	11.05	128	514614	42.55	ng	99
32) Benzoic acid	10.26	122	90799	41.21	ng	94
33) 4-Chloroaniline	11.16	127	13631	2.43	ng	# 90
34) Hexachlorobutadiene	11.32	225	117103	41.02	ng	97
35) Caprolactam	11.94	113	36068	22.80	ng	# 89
36) 4-Chloro-3-methylphenol	12.25	107	189837	42.94	ng	97
37) 2-Methylnaphthalene	12.65	142	388211	43.34	ng	97
38) 1-Methylnaphthalene	12.86	142	366714	42.47	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	213957	41.15	ng	99

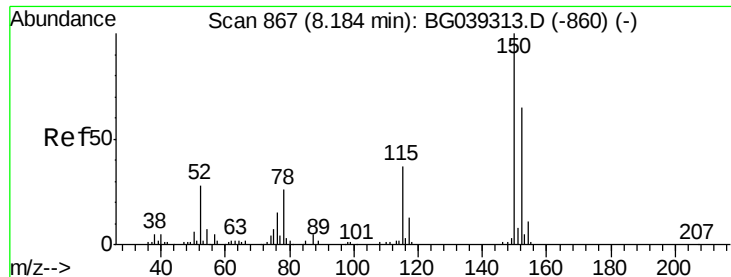
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	257713	90.95	nq	98
43) 2,4,6-Trichlorophenol	13.23	196	146984	45.97	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	159984	47.74	nq	97
46) 1,1'-Biphenyl	13.64	154	518706	38.15	nq	99
47) 2-Chloronaphthalene	13.69	162	403137	39.41	nq	97
48) 2-Nitroaniline	13.89	65	137373	46.96	nq	93
49) Acenaphthylene	14.53	152	648304	42.00	nq	99
50) Dimethylphthalate	14.25	163	535618	40.58	nq	99
51) 2,6-Dinitrotoluene	14.38	165	117277	47.60	nq	95
52) Acenaphthene	14.87	154	397891	39.71	nq	99
53) 3-Nitroaniline	14.71	138	34516	17.19	nq	# 96
54) 2,4-Dinitrophenol	14.91	184	46074	51.37	nq	98
55) Dibenzofuran	15.20	168	642198	39.98	nq	100
56) 4-Nitrophenol	15.00	139	182903	76.88	nq	90
57) 2,4-Dinitrotoluene	15.16	165	163542	51.14	nq	# 89
58) Fluorene	15.85	166	508380	42.45	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	155377	49.52	nq	97
60) Diethylphthalate	15.60	149	544787	39.92	nq	97
61) 4-Chlorophenyl-phenylether	15.83	204	272234	40.15	nq	97
62) 4-Nitroaniline	15.87	138	121349	44.21	nq	93
63) Azobenzene	16.12	77	493475	37.00	nq	99
65) 4,6-Dinitro-2-methylphenol	15.91	198	57611	40.07	nq	94
66) n-Nitrosodiphenylamine	16.05	169	465245	39.00	nq	99
67) 4-Bromophenyl-phenylether	16.73	248	179476	41.24	nq	94
68) Hexachlorobenzene	16.83	284	180228	41.27	nq	98
69) Atrazine	16.99	200	190835	43.77	nq	97
70) Pentachlorophenol	17.18	266	195783	64.51	nq	99
71) Phenanthrene	17.59	178	858578	42.28	nq	98
72) Anthracene	17.68	178	867630	43.38	nq	97
73) Carbazole	17.95	167	768082	38.48	nq	99
74) Di-n-butylphthalate	18.48	149	931053	39.98	nq	98
75) Fluoranthene	19.59	202	1029669	43.69	nq	98
77) Benzidine	19.77	184	47327	3.62	nq	97
78) Pyrene	19.95	202	1042707	42.03	nq	99
80) Butylbenzylphthalate	20.82	149	441403	42.18	nq	96
81) Benzo(a)anthracene	21.82	228	1031844	43.82	nq	99
82) 3,3'-Dichlorobenzidine	21.73	252	124604	14.27	nq	97
83) Chrysene	21.89	228	949519	42.36	nq	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	607845	40.72	nq	98
85) Di-n-octyl phthalate	22.96	149	1042851	42.28	nq	96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1126886	46.86	nq	# 91
88) Benzo(b)fluoranthene	24.14	252	1000541	43.52	nq	98
89) Benzo(k)fluoranthene	24.21	252	984712	42.66	nq	100
90) Benzo(a)pyrene	25.06	252	981059	44.31	nq	100
91) Dibenzo(a,h)anthracene	29.20	278	886304	42.74	nq	99
92) Benzo(g,h,i)perylene	30.35	276	909593	44.01	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

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BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

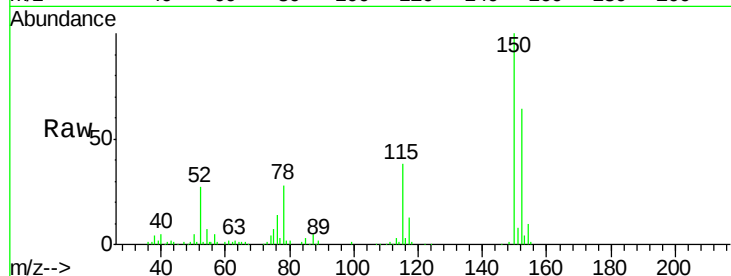
Tot Ion:152 Resp: 57816

Ion Ratio Lower Upper

152 100

150 156.5 123.7 185.5

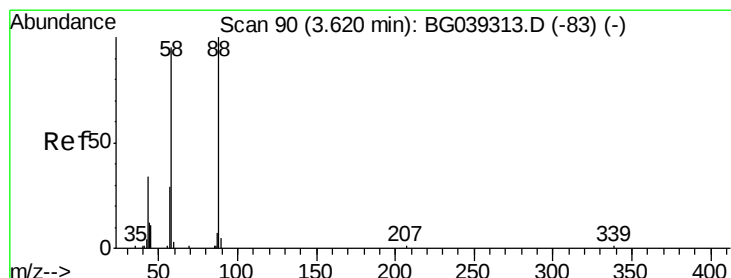
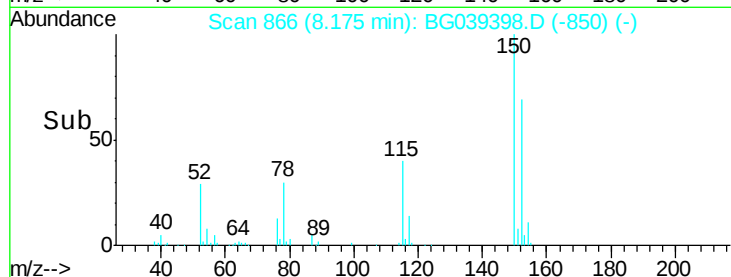
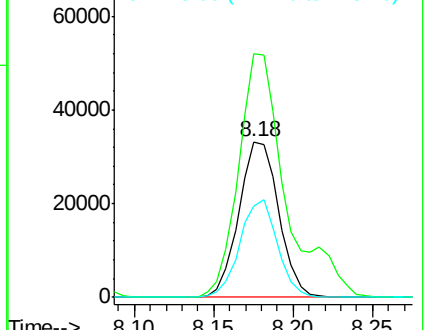
115 58.7 45.9 68.9



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: 30.97 ng

RT: 3.62 min Scan# 90

Delta R.T. -0.00 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

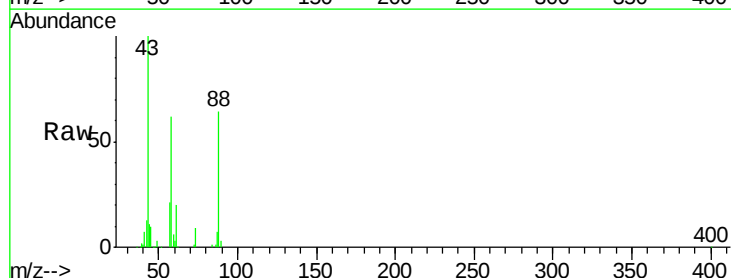
Tgt Ion: 88 Resp: 45763

Ion Ratio Lower Upper

88 100

58 97.7 81.1 121.7

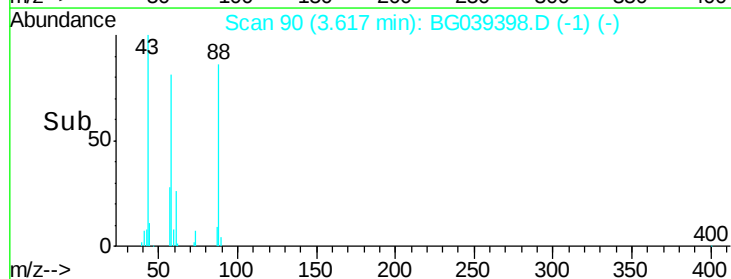
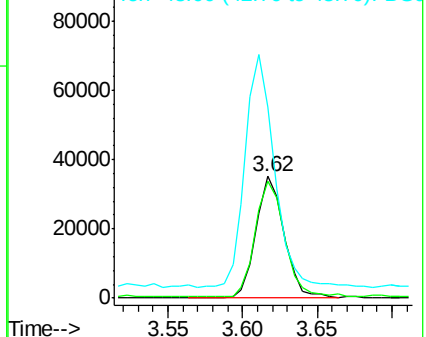
43 201.0 31.4 47.0#

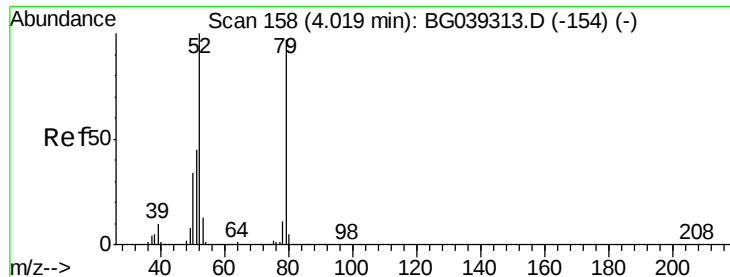


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.09 ng

RT: 4.02 min Scan# 159

Delta R.T. 0.00 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

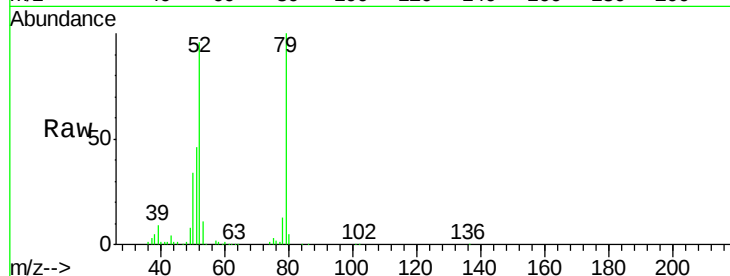
Tot Ion: 79 Resp: 129452

Ion Ratio Lower Upper

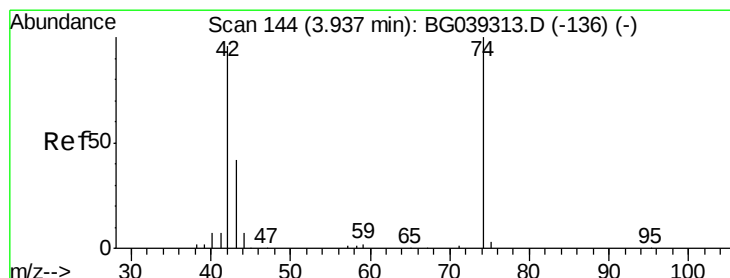
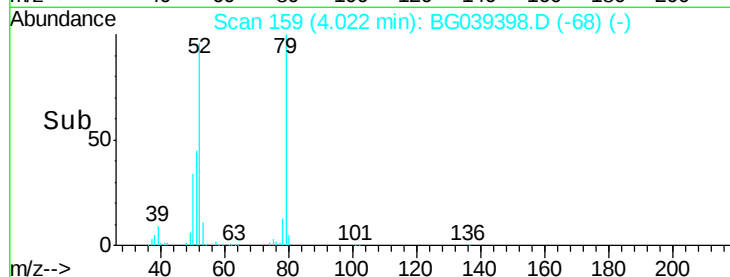
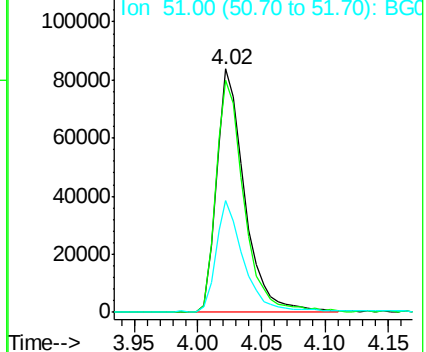
79 100

52 95.6 82.6 124.0

51 45.9 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 38.83 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

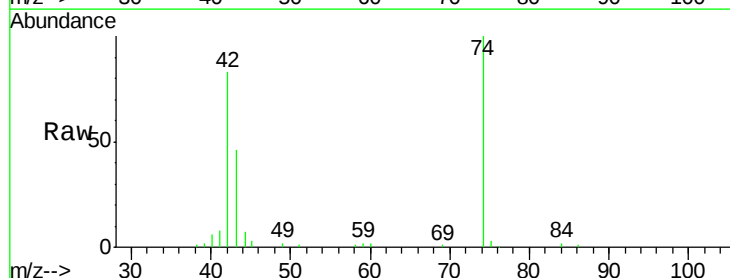
Tgt Ion: 42 Resp: 75981

Ion Ratio Lower Upper

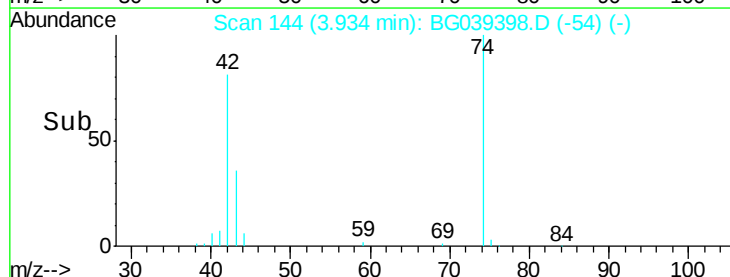
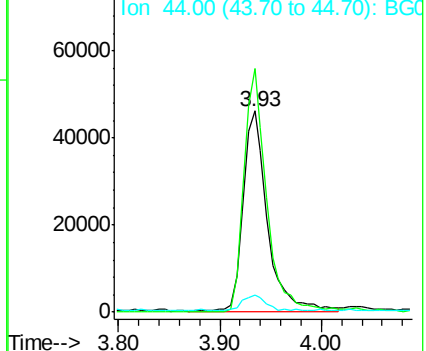
42 100

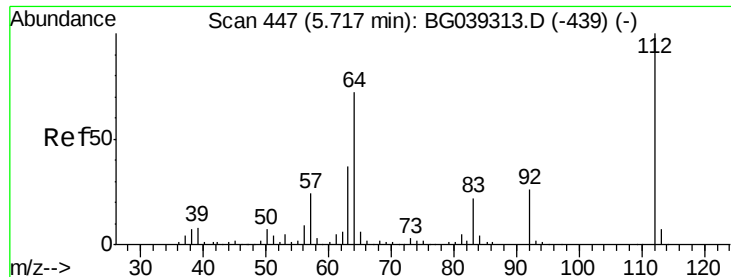
74 121.0 83.6 125.4

44 8.6 6.9 10.3



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





#5

2-Fluorophenol

Concen: 129.95 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

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98-WC-S-01-2-57MSD

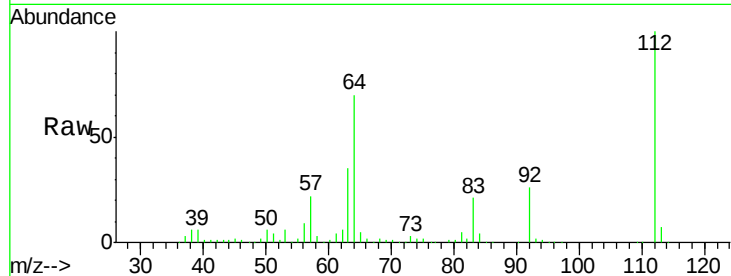
Tot Ion:112 Resp: 438972

Ion Ratio Lower Upper

112 100

64 70.3 57.8 86.8

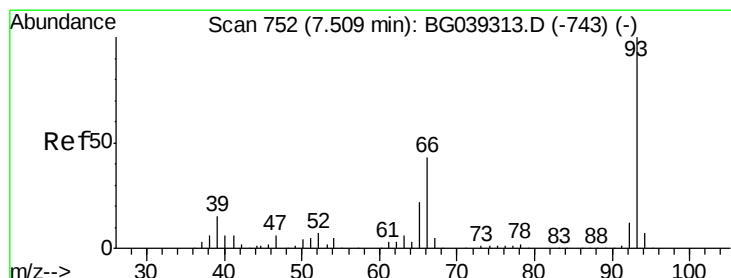
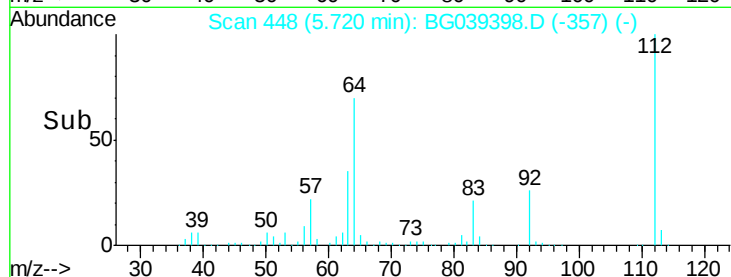
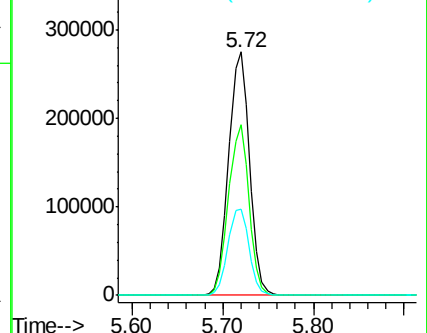
63 35.4 29.8 44.6



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: 13.19 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

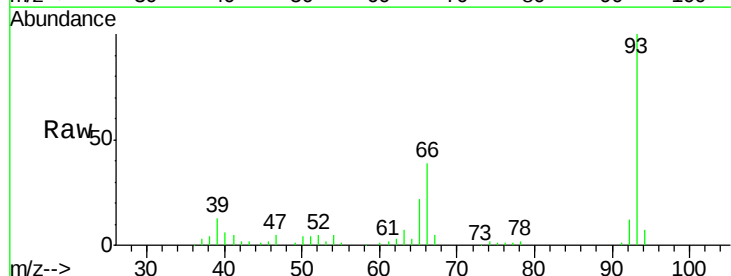
Tgt Ion: 93 Resp: 82123

Ion Ratio Lower Upper

93 100

66 39.4 34.2 51.4

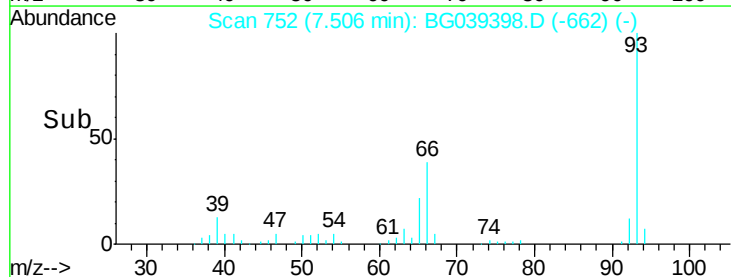
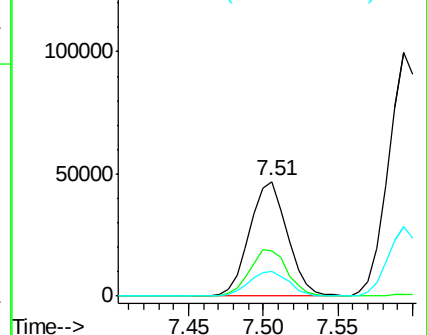
65 22.1 17.7 26.5

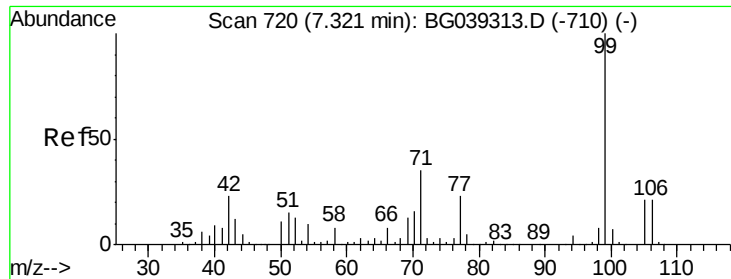


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.29 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

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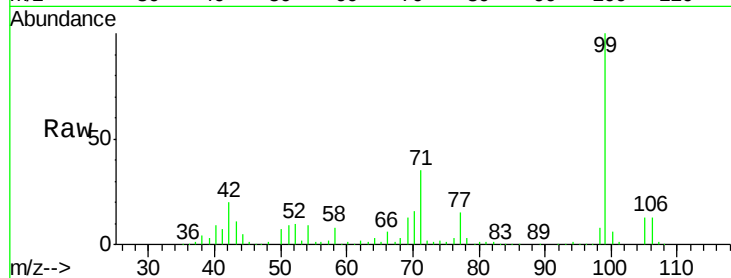
Tot Ion: 99 Resp: 588188

Ion Ratio Lower Upper

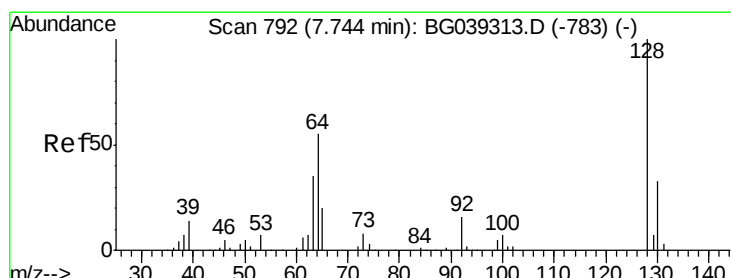
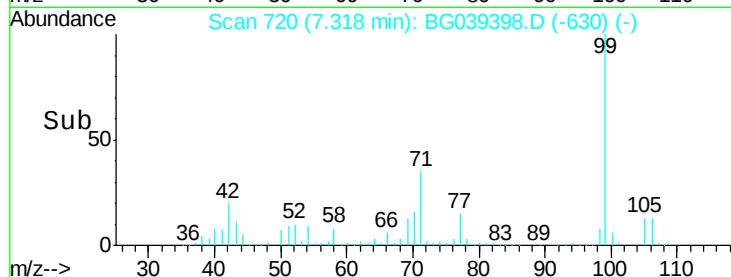
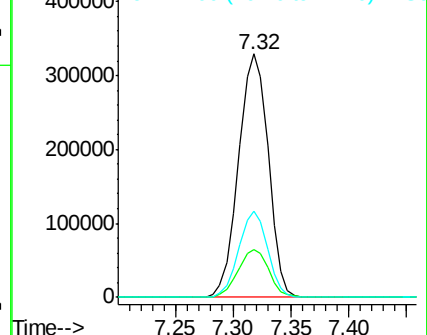
99 100

42 19.8 18.2 27.2

71 35.2 28.0 42.0



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



#8

2-Chlorophenol

Concen: 43.15 ng

RT: 7.73 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

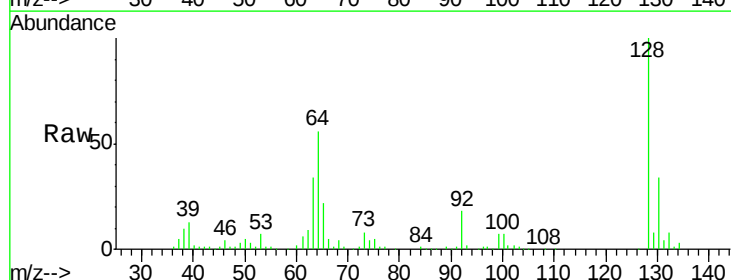
Tgt Ion: 128 Resp: 159343

Ion Ratio Lower Upper

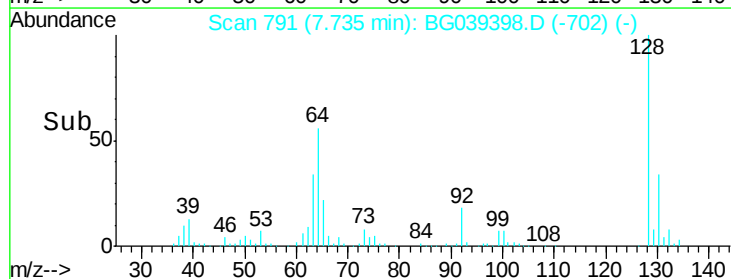
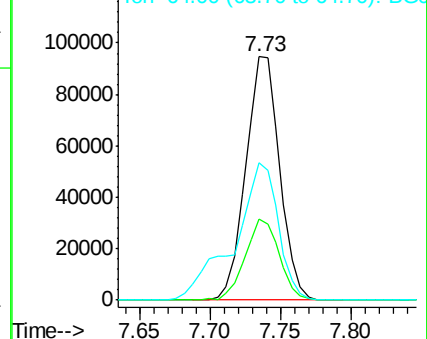
128 100

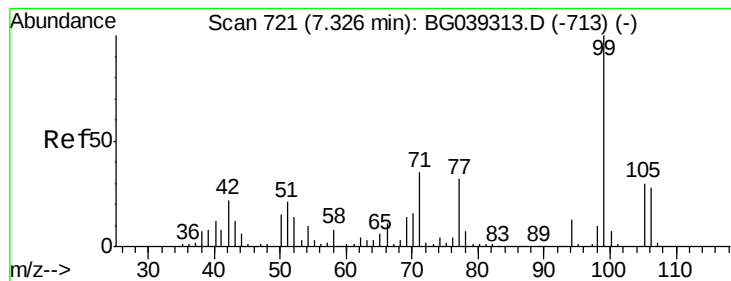
130 33.5 12.9 52.9

64 56.4 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: 32.50 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

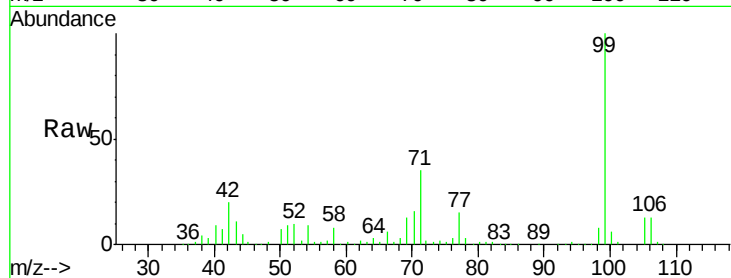
Tot Ion: 77 Resp: 85207

Ion Ratio Lower Upper

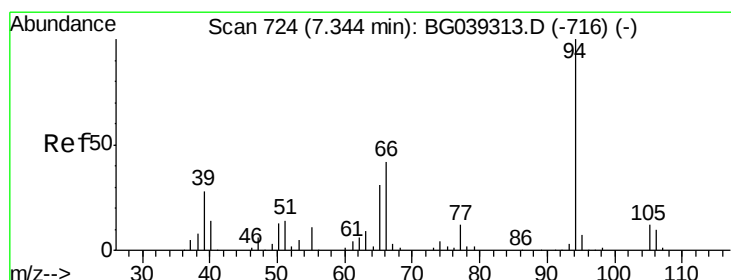
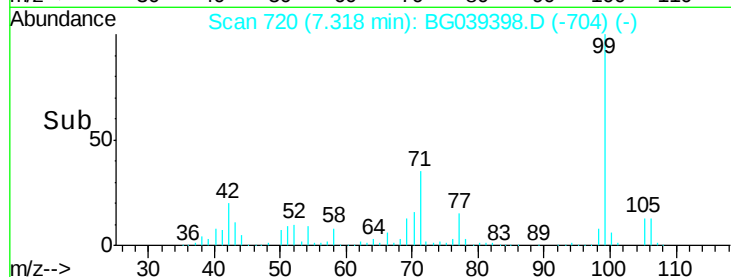
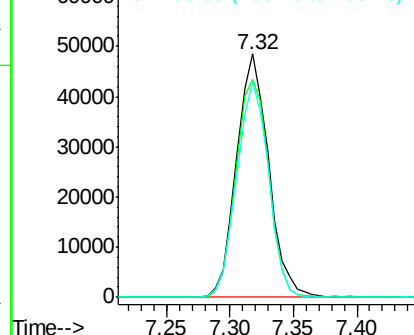
77 100

105 89.7 74.5 114.5

106 88.2 68.0 108.0



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



#10

Phenol

Concen: 37.93 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

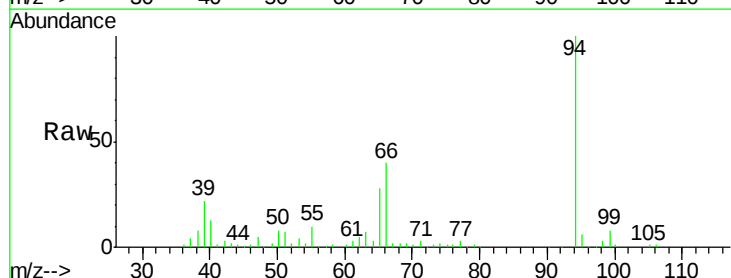
Tgt Ion: 94 Resp: 196622

Ion Ratio Lower Upper

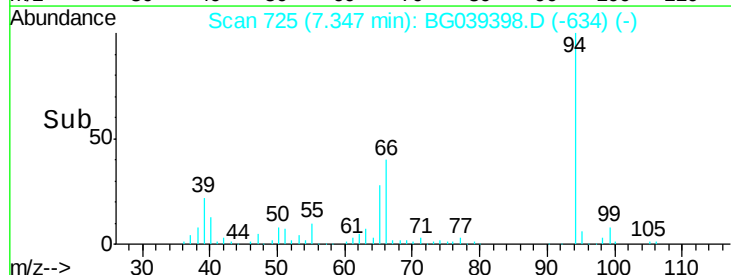
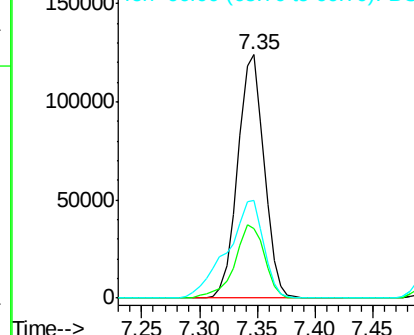
94 100

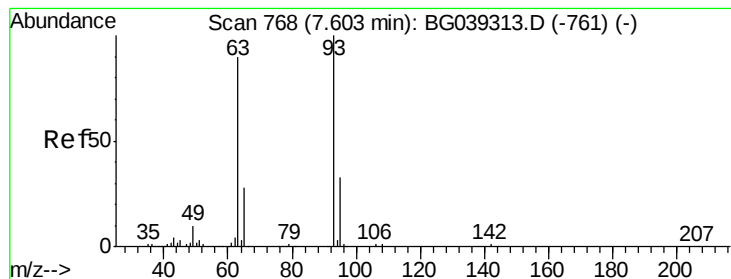
65 28.4 11.7 51.7

66 40.4 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

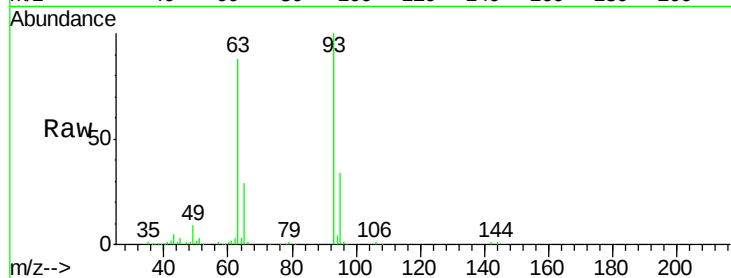




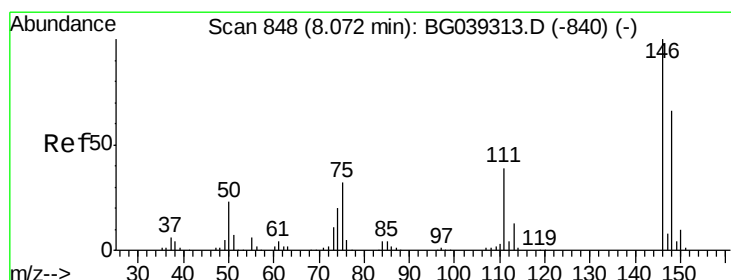
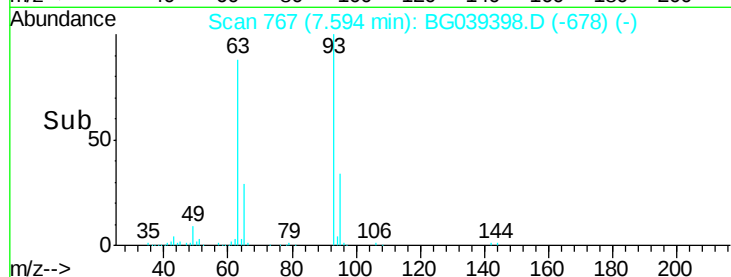
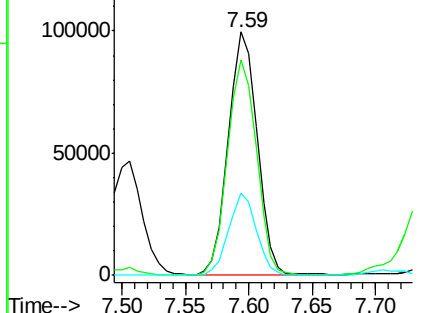
#11
bis(2-Chloroethyl)ether
Concen: 38.43 ng
RT: 7.59 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

Tot Ion: 93 Resp: 157392
Ion Ratio Lower Upper
93 100
63 88.5 69.5 109.5
95 33.7 12.7 52.7

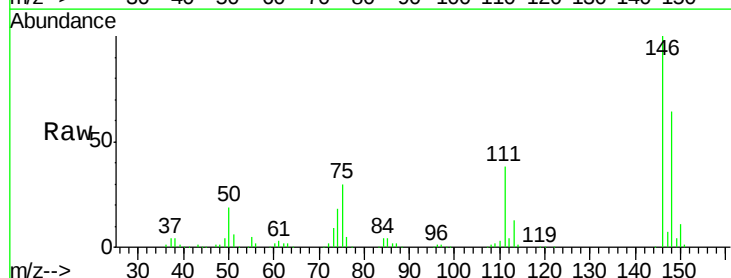


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

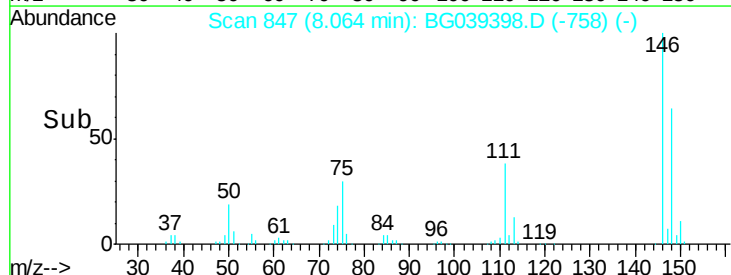
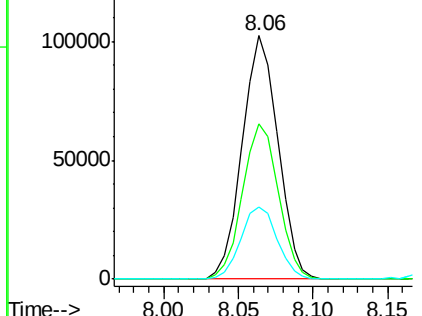


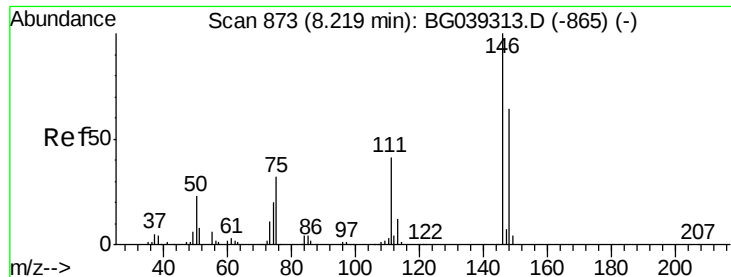
#12
1,3-Dichlorobenzene
Concen: 37.90 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion: 146 Resp: 169557
Ion Ratio Lower Upper
146 100
148 63.7 52.6 79.0
75 29.6 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

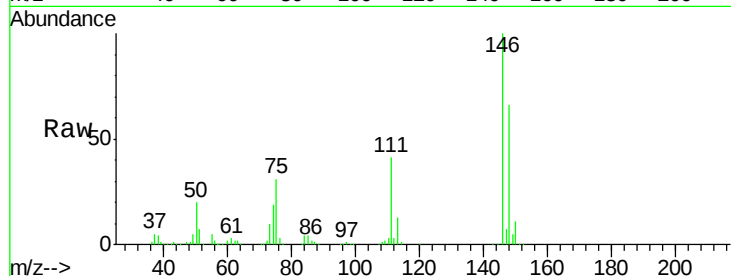




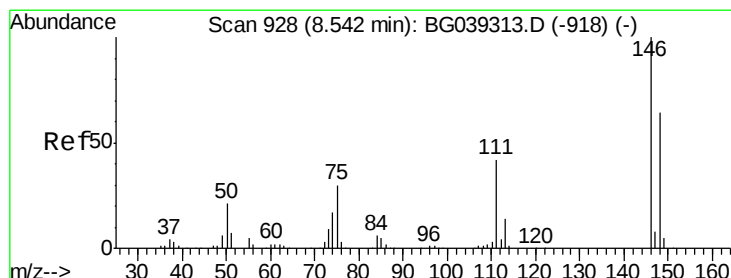
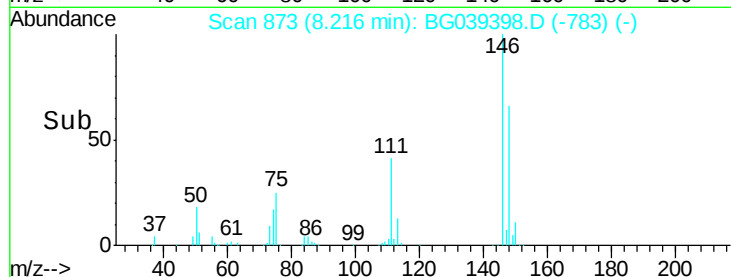
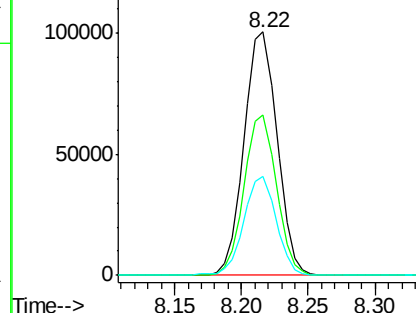
#13
 1,4-Dichlorobenzene
 Concen: 38.60 ng
 RT: 8.22 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

Instrument :
 BNA_G
 ClientSampleId :
 98-WC-S-01-2-57MSD

Tot Ion:146 Resp: 172108
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.1 76.7
 111 40.7 32.6 48.8

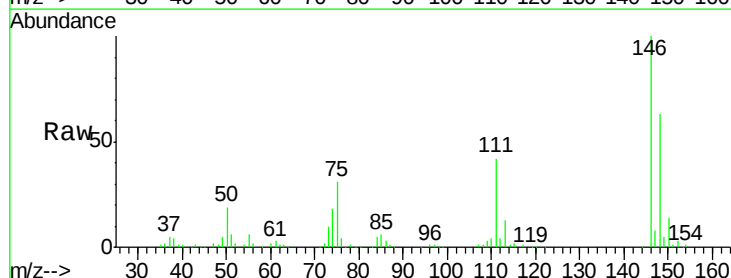


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

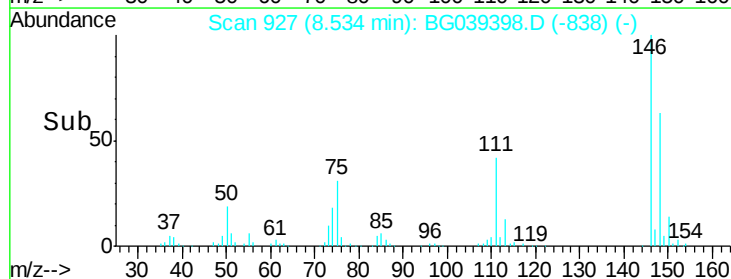
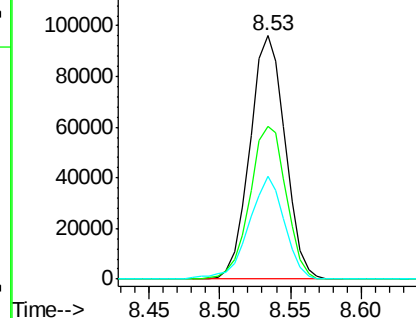


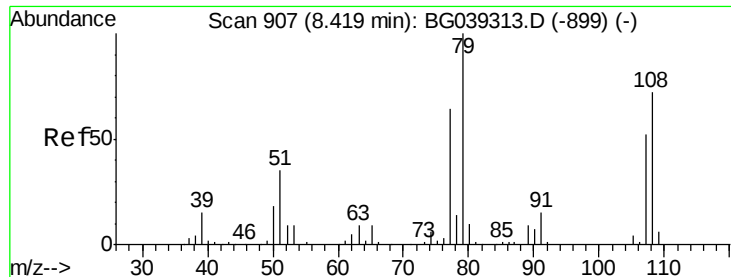
#14
 1,2-Dichlorobenzene
 Concen: 38.95 ng
 RT: 8.53 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

Tgt Ion:146 Resp: 168098
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.5 77.3
 111 42.1 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 39.89 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

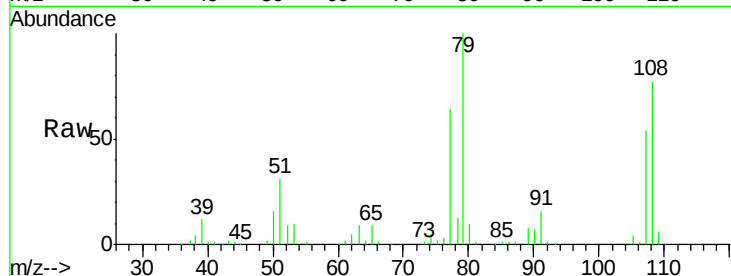
Tot Ion: 79 Resp: 155712

Ion Ratio Lower Upper

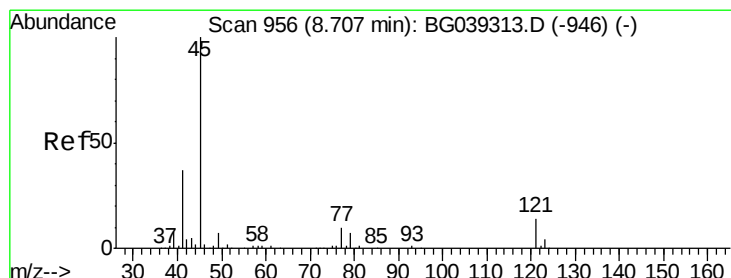
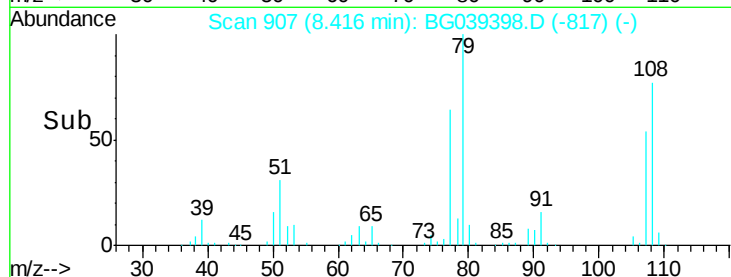
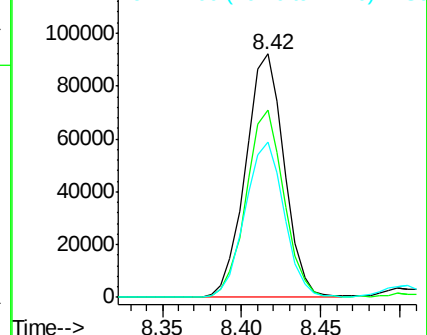
79 100

108 76.9 57.8 86.6

77 63.7 51.1 76.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.72 ng

RT: 8.70 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

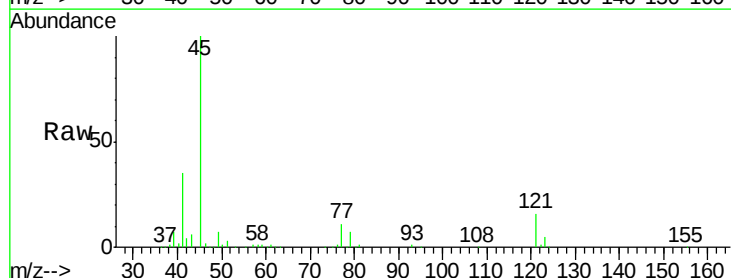
Tgt Ion: 45 Resp: 311868

Ion Ratio Lower Upper

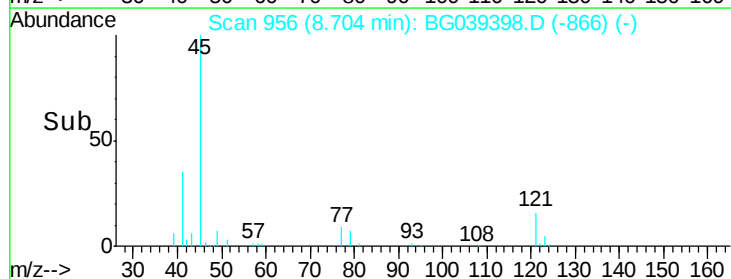
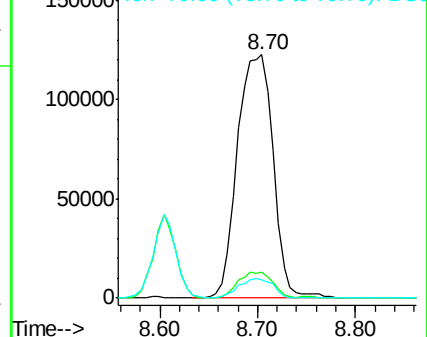
45 100

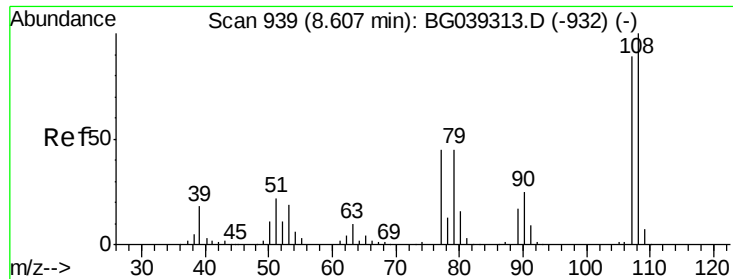
77 10.6 0.0 30.0

79 7.4 0.0 27.5



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

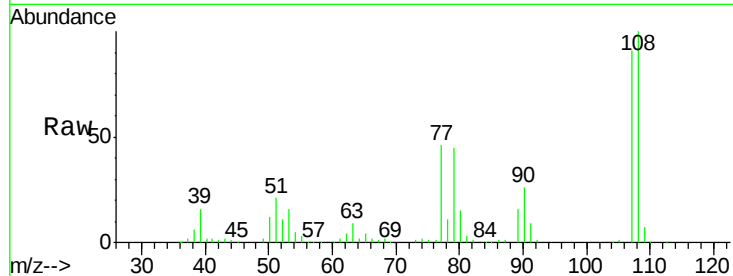




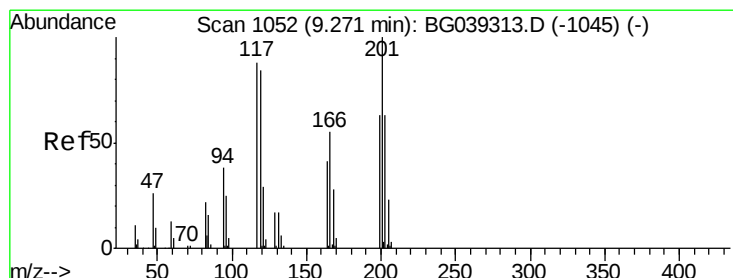
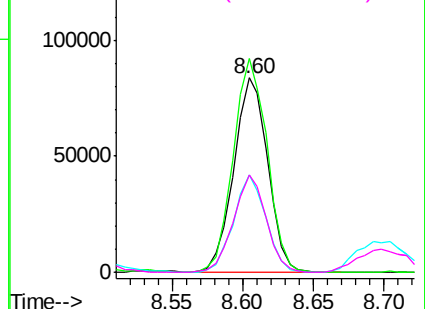
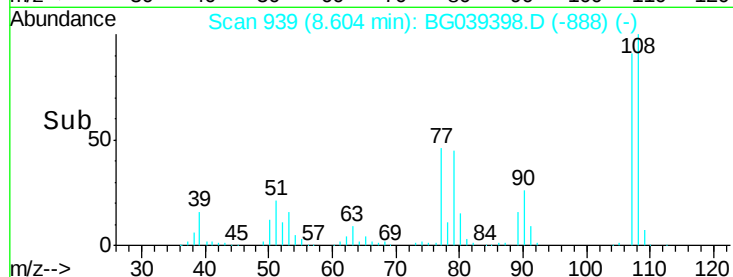
#17
2-Methylphenol
Concen: 41.76 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

Tot Ion:107 Resp: 140074
Ion Ratio Lower Upper
107 100
108 109.9 90.8 136.2
77 50.0 40.7 61.1
79 50.0 40.6 60.8

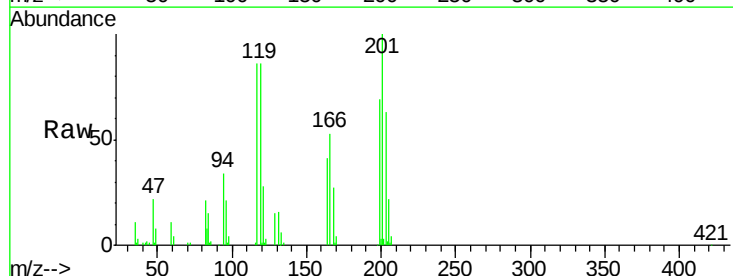


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

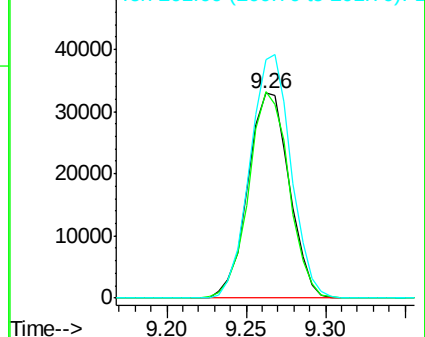
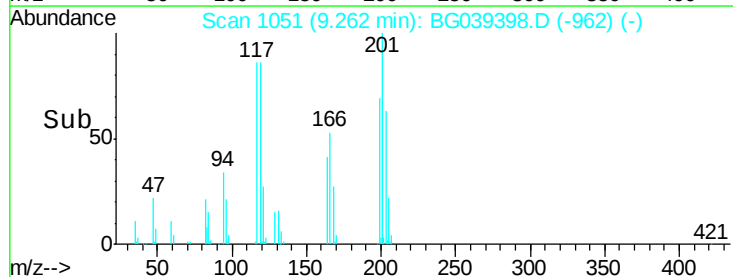


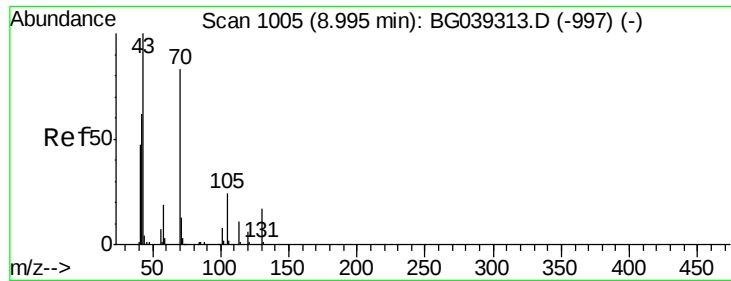
#18
Hexachloroethane
Concen: 39.03 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion:117 Resp: 59867
Ion Ratio Lower Upper
117 100
119 100.6 76.3 114.5
201 116.5 91.1 136.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

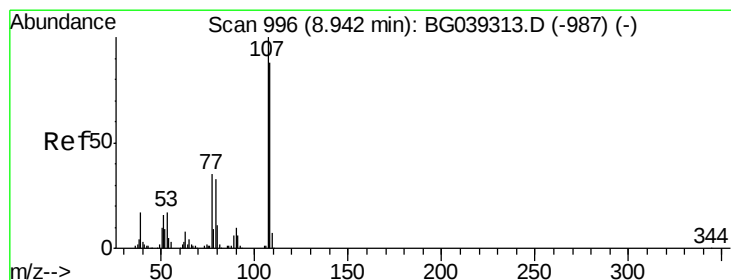
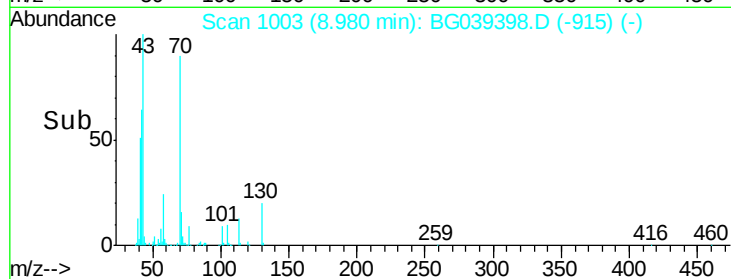
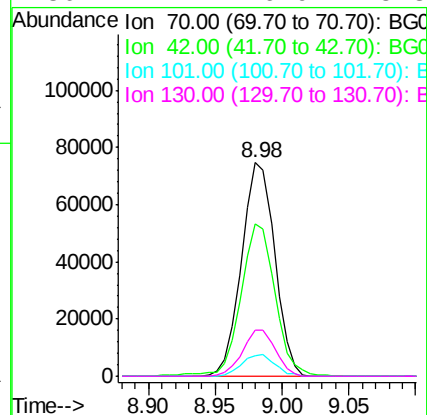
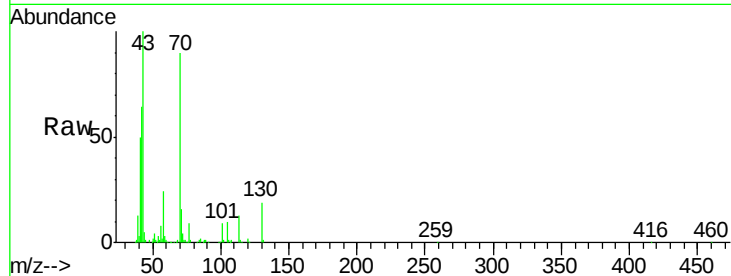




#19
n-Nitroso-di-n-propylamine
Concen: 36.39 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

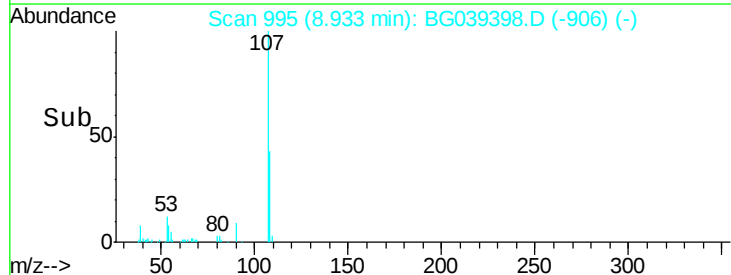
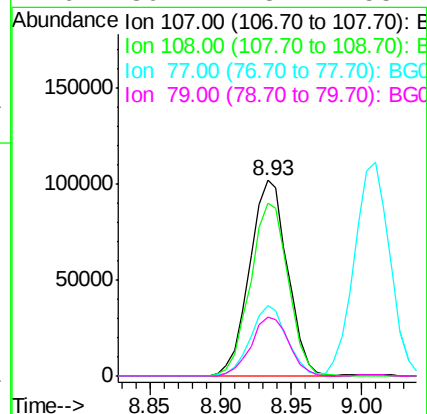
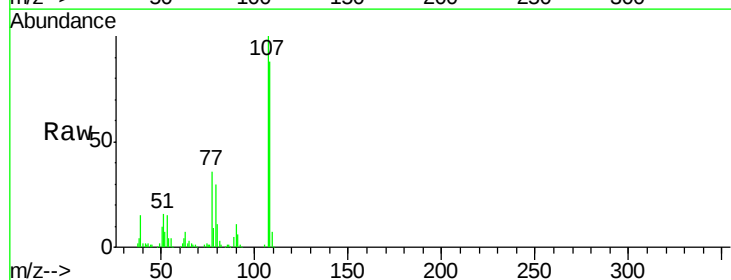
Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

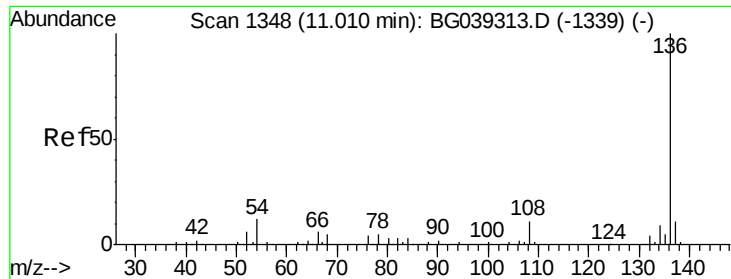
Tot Ion:	70	Resp:	128421
Ion	Ratio	Lower	Upper
70	100		
42	71.2	60.4	90.6
101	9.9	7.5	11.3
130	21.7	16.9	25.3



#20
3+4-Methylphenols
Concen: 41.48 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion:	107	Resp:	191615
Ion	Ratio	Lower	Upper
107	100		
108	88.2	67.9	107.9
77	35.9	15.4	55.4
79	30.1	13.7	53.7

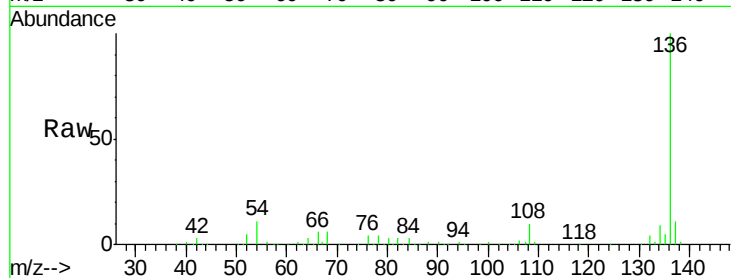




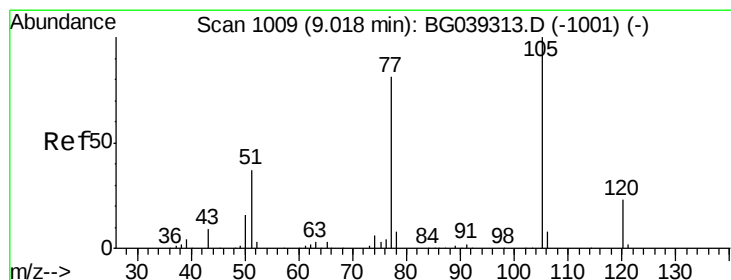
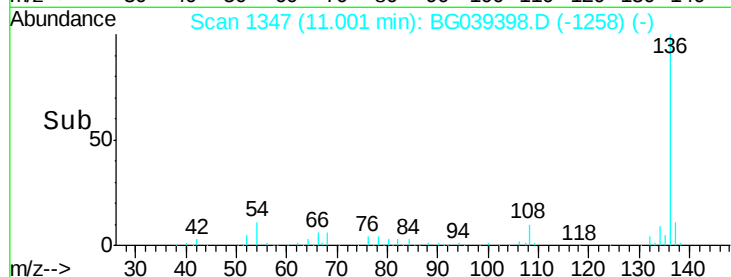
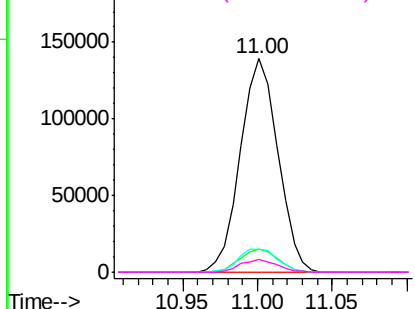
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

Tot Ion:136	Resp:	243776
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	11.1	9.4 14.2
68	6.0	4.2 6.4

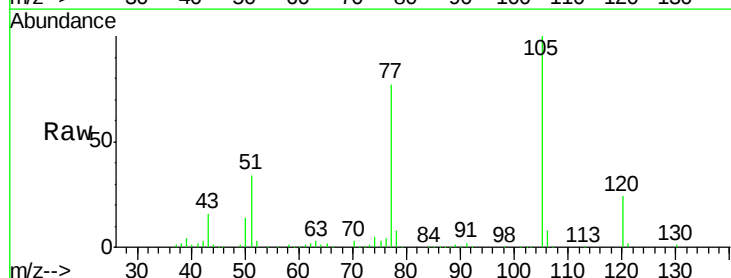


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

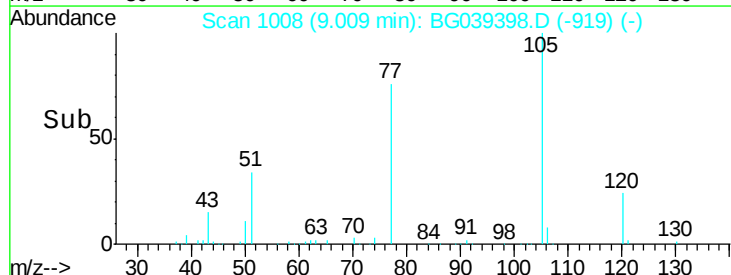
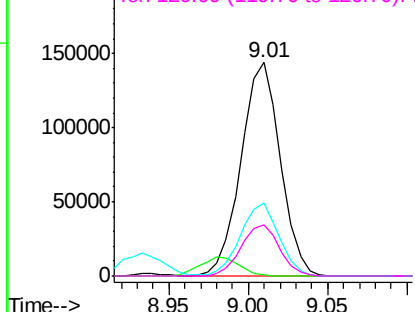


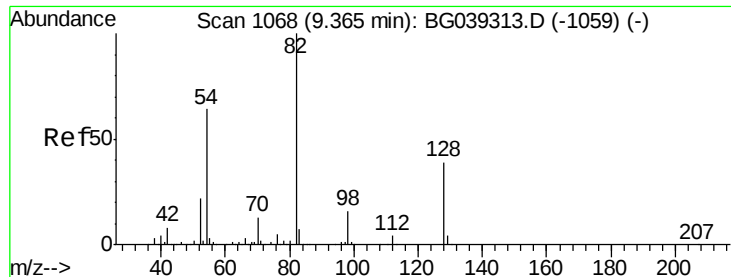
#22
Acetophenone
Concen: 37.66 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion:105	Resp:	246637
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.8 1.2#
51	34.1	30.2 45.2
120	23.8	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

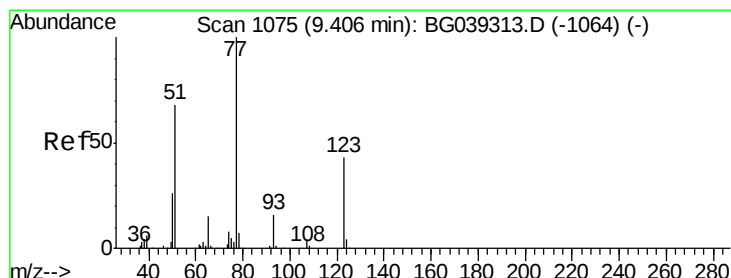
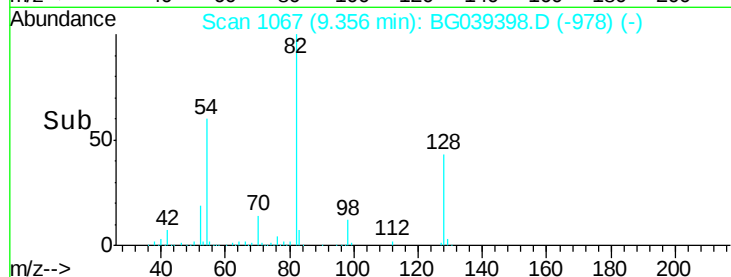
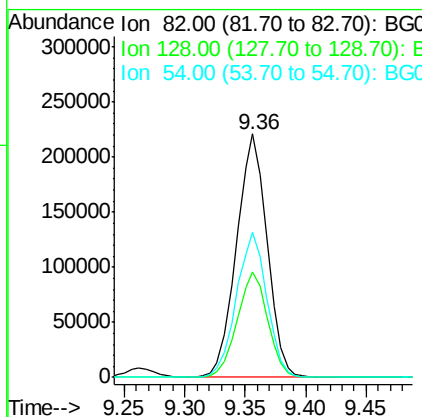
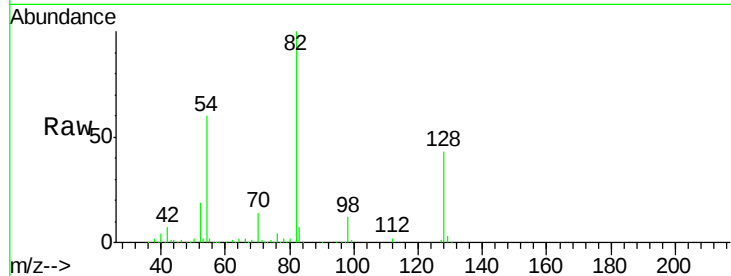




#23
 Nitrobenzene-d5
 Concen: 100.35 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

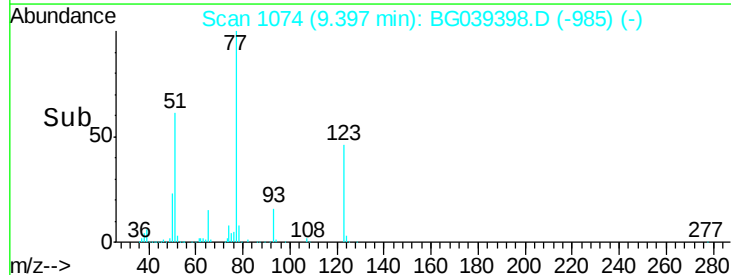
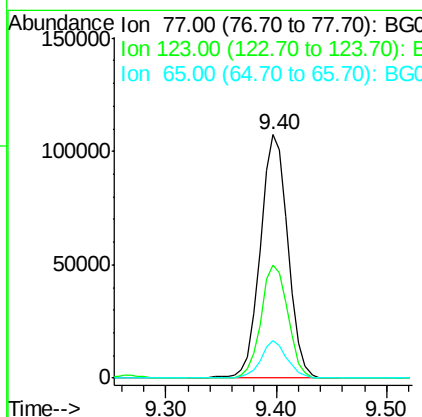
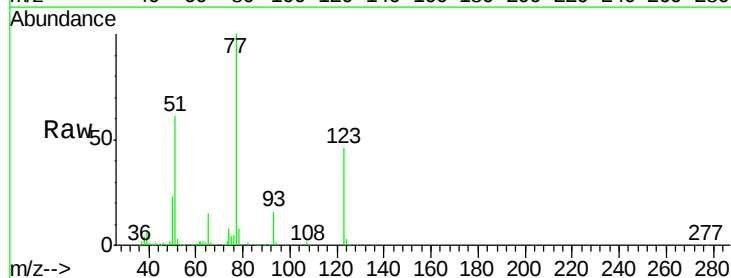
Instrument :
 BNA_G
 ClientSampleId :
 98-WC-S-01-2-57MSD

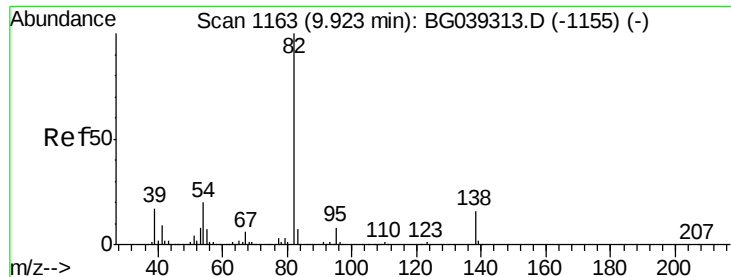
Tot Ion	82	Resp	391572
Ion Ratio	Lower	Upper	
82	100		
128	43.3	31.3	46.9
54	59.6	50.9	76.3



#24
 Nitrobenzene
 Concen: 44.58 ng
 RT: 9.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

Tgt Ion	77	Resp	187914
Ion Ratio	Lower	Upper	
77	100		
123	46.2	34.1	51.1
65	15.2	12.3	18.5





#25

Isophorone

Concen: 42.62 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

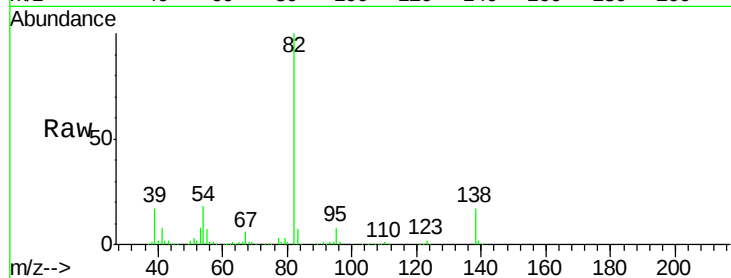
Tot Ion: 82 Resp: 368568

Ion Ratio Lower Upper

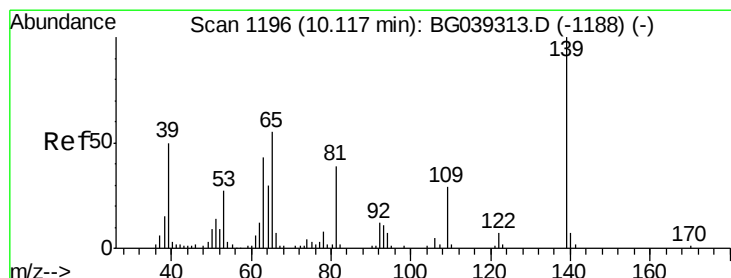
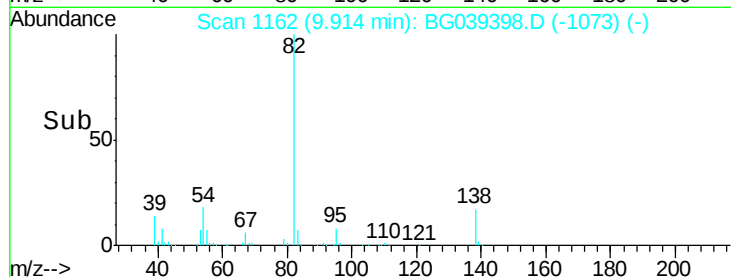
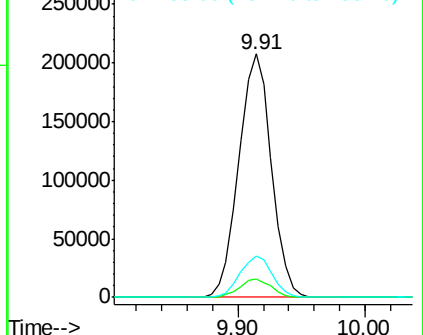
82 100

95 7.5 6.2 9.2

138 16.8 13.0 19.4



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



#26

2-Nitrophenol

Concen: 52.13 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

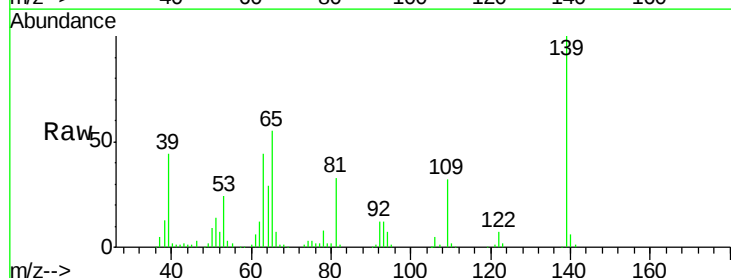
Tgt Ion: 139 Resp: 88475

Ion Ratio Lower Upper

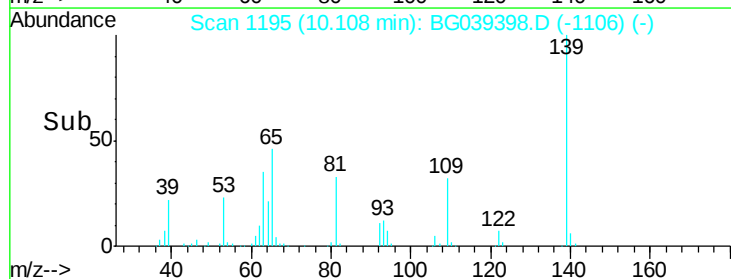
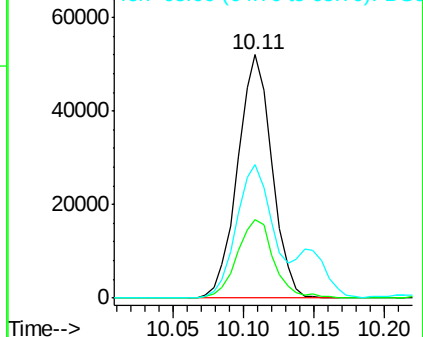
139 100

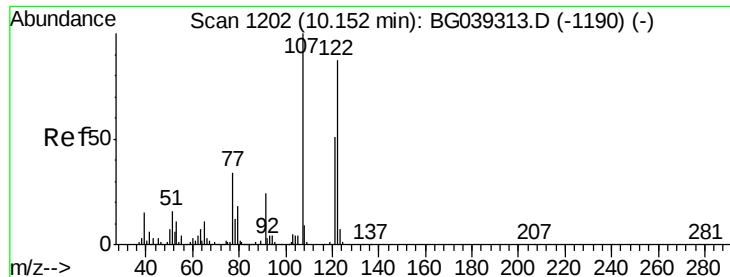
109 32.2 23.4 35.0

65 54.8 44.3 66.5



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

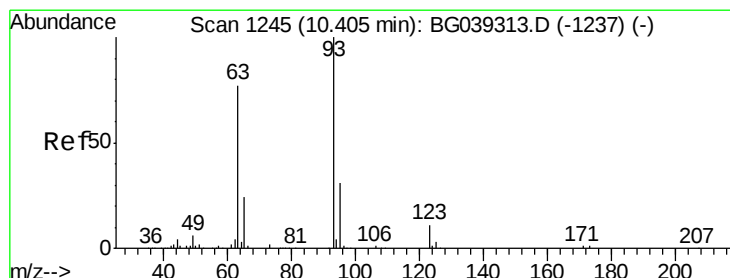
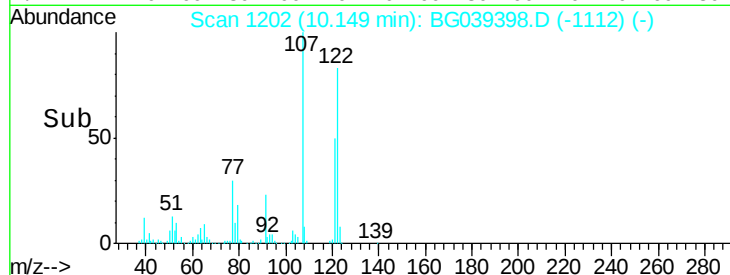
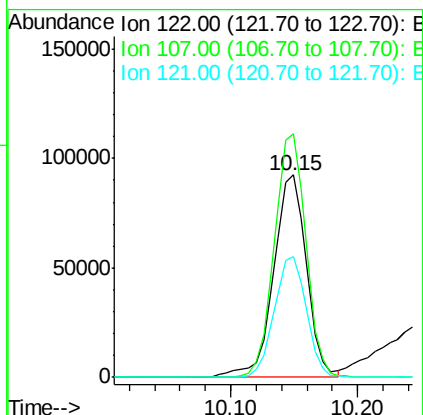
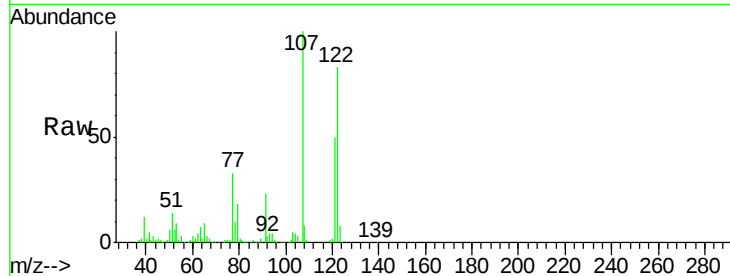




#27
 2,4-Dimethylphenol
 Concen: 47.35 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

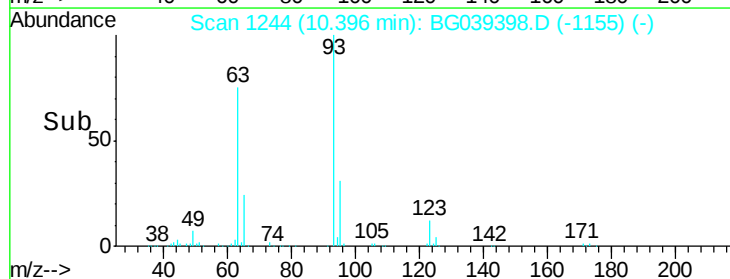
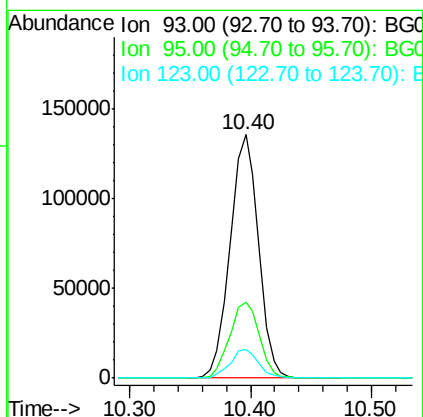
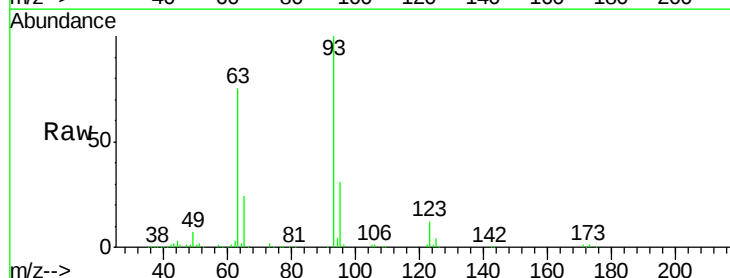
Instrument :
 BNA_G
 ClientSampleId :
 98-WC-S-01-2-57MSD

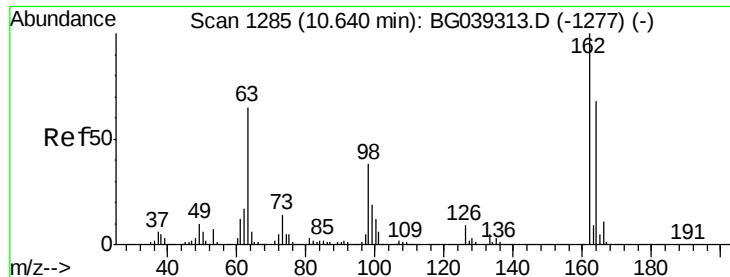
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.4	91.7	137.5
121	59.8	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.58 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.0	37.4
123	11.5	8.6	12.8

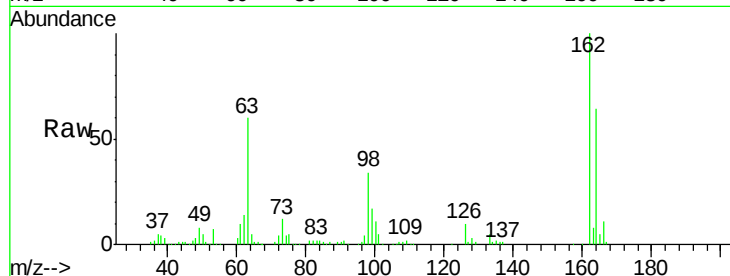




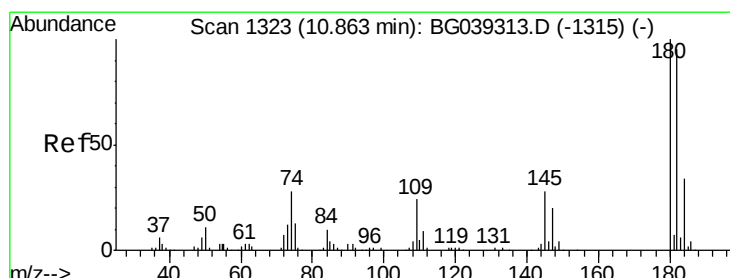
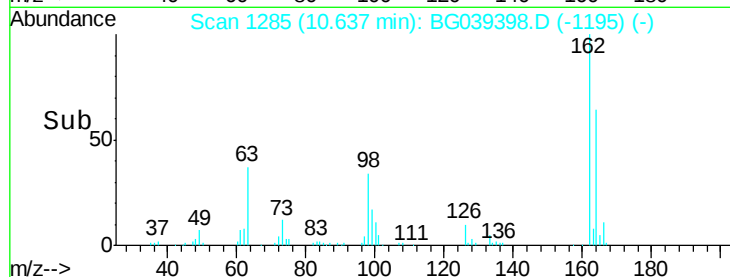
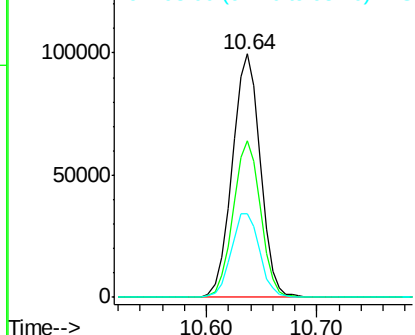
#29
2,4-Dichlorophenol
Concen: 46.40 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	48.1	88.1
98	34.4	18.1	58.1

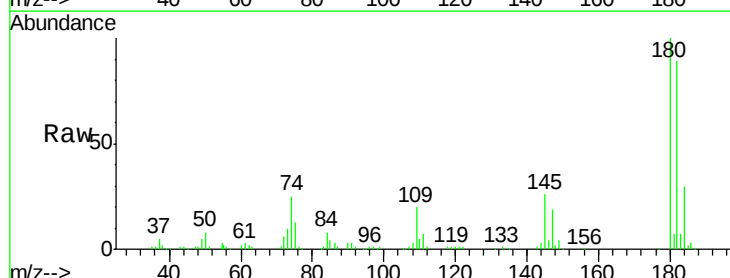


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

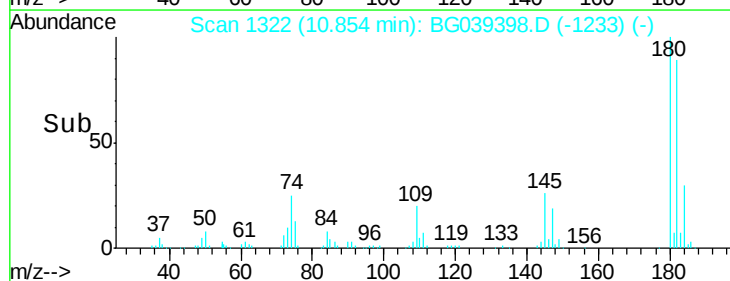
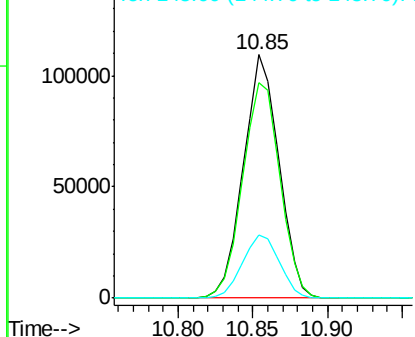


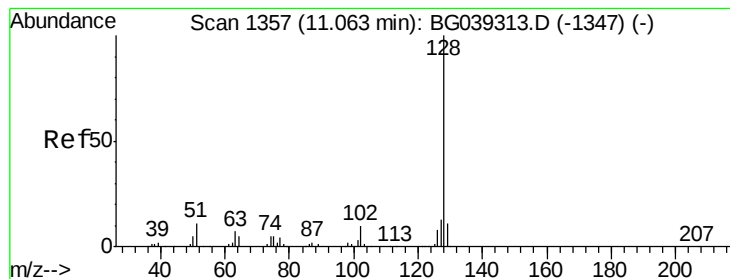
#30
1,2,4-Trichlorobenzene
Concen: 41.90 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.6	76.0	114.0
145	26.0	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: 42.55 ng

RT: 11.05 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

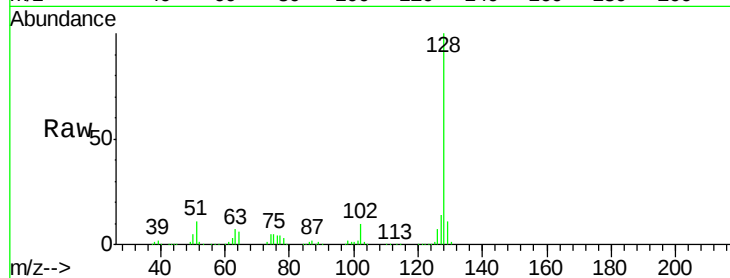
Tot Ion:128 Resp: 514614

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

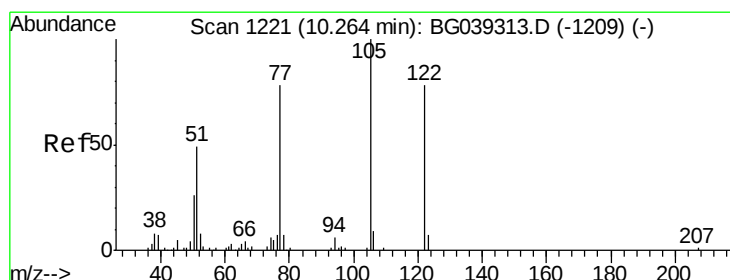
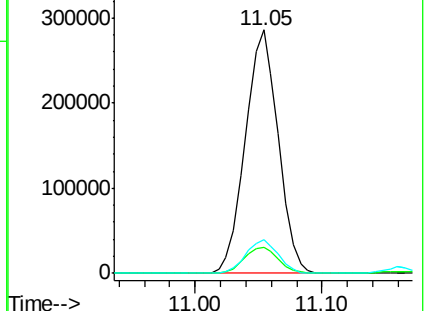
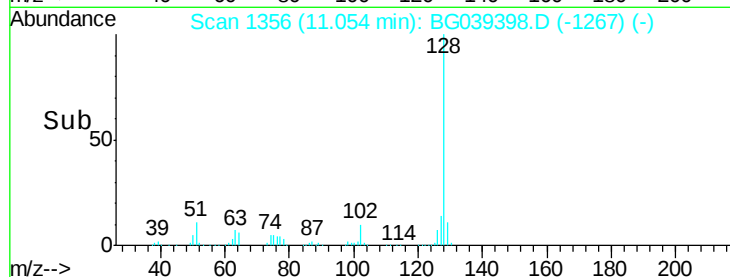
127 13.7 10.8 16.2



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: 41.21 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

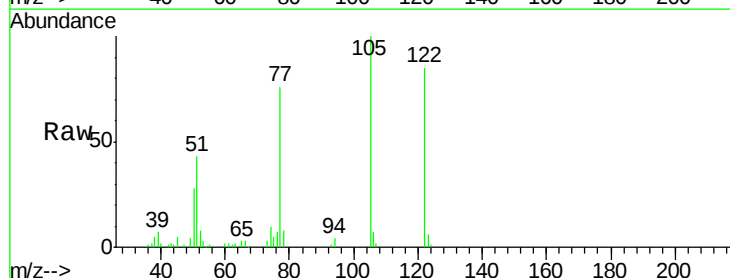
Tgt Ion:122 Resp: 90799

Ion Ratio Lower Upper

122 100

105 117.3 101.8 141.8

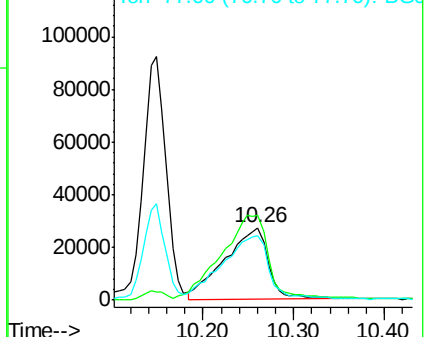
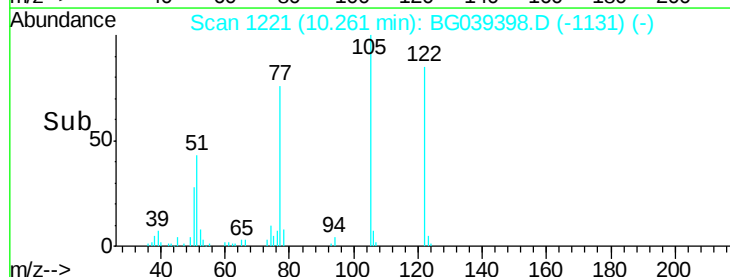
77 88.9 76.3 116.3

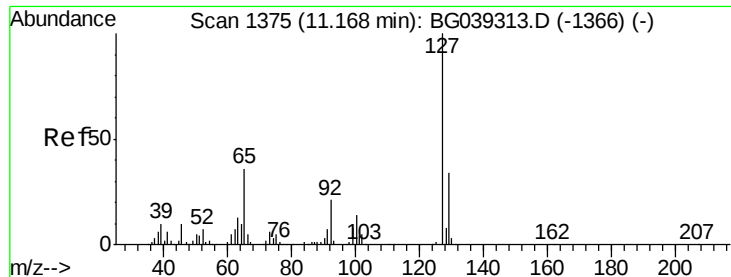


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

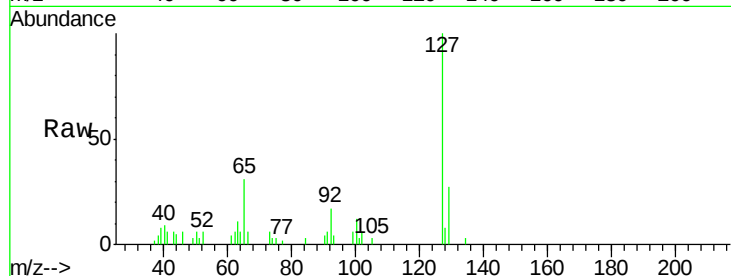




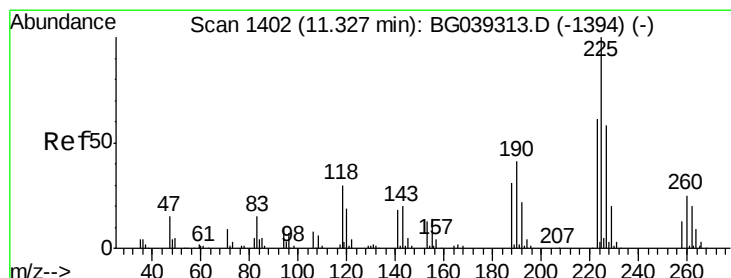
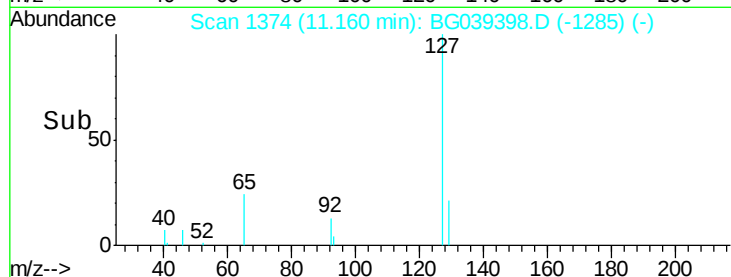
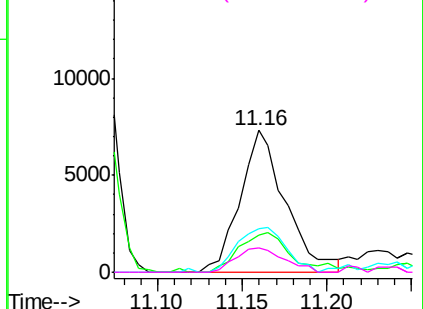
#33
4-Chloroaniline
Concen: 2.43 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

Tot Ion:	127	Resp:	13631
Ion	Ratio	Lower	Upper
127	100		
129	26.5	27.0	40.4#
65	31.2	28.8	43.2
92	16.9	16.6	25.0

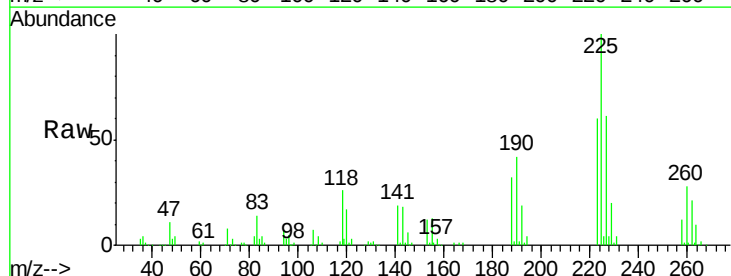


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

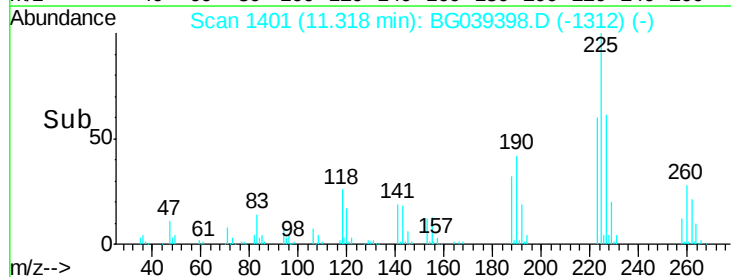
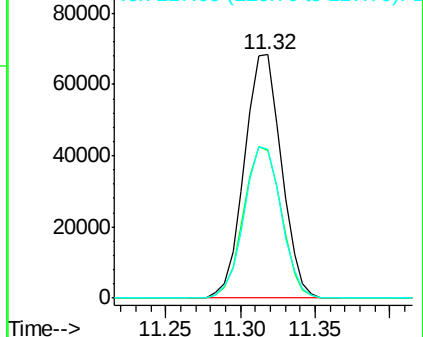


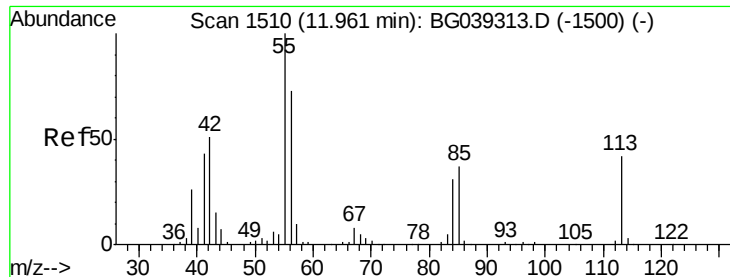
#34
Hexachlorobutadiene
Concen: 41.02 ng
RT: 11.32 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion:	225	Resp:	117103
Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.0	73.6
227	61.2	46.3	69.5



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





#35

Caprolactam

Concen: 22.80 ng

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

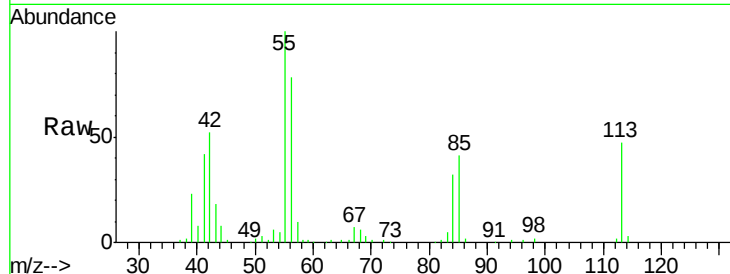
Tot Ion:113 Resp: 36068

Ion Ratio Lower Upper

113 100

55 212.2 216.9 256.9#

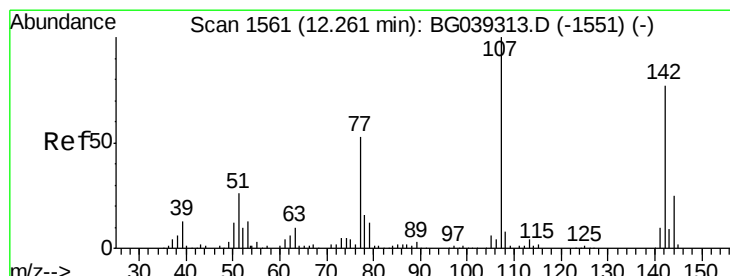
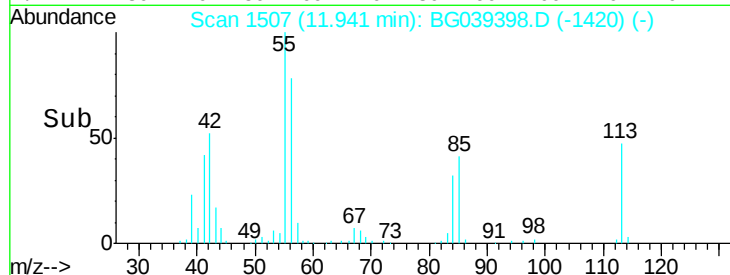
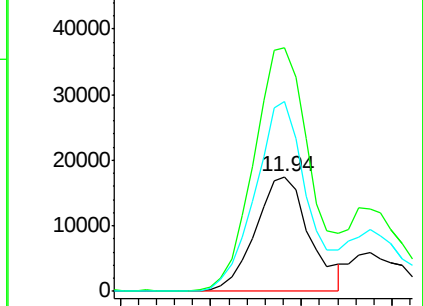
56 165.1 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.94 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

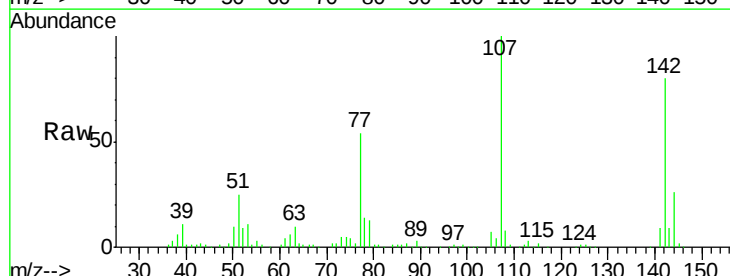
Tgt Ion:107 Resp: 189837

Ion Ratio Lower Upper

107 100

144 26.2 20.2 30.2

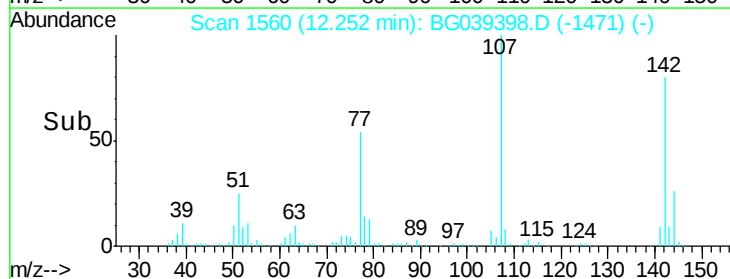
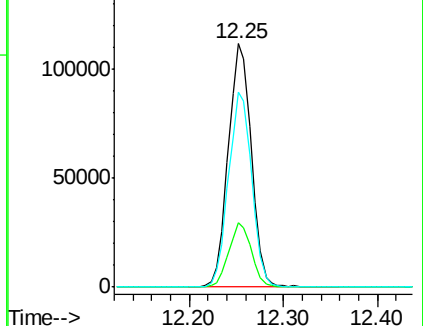
142 80.1 61.4 92.2

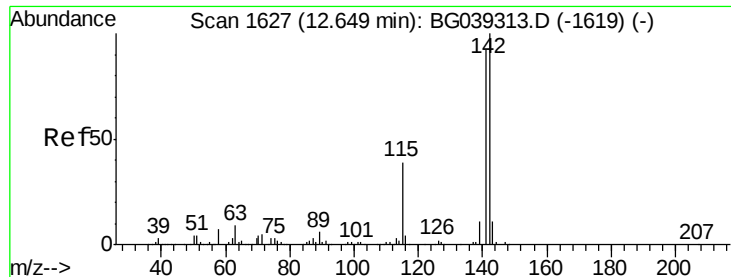


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

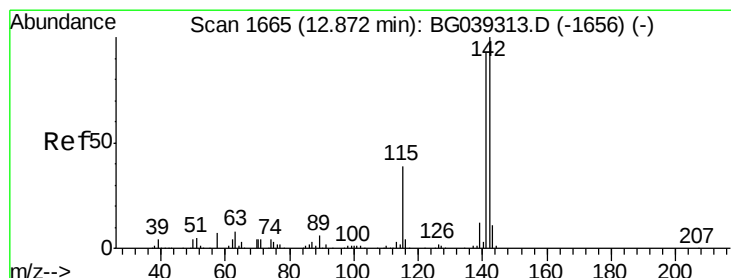
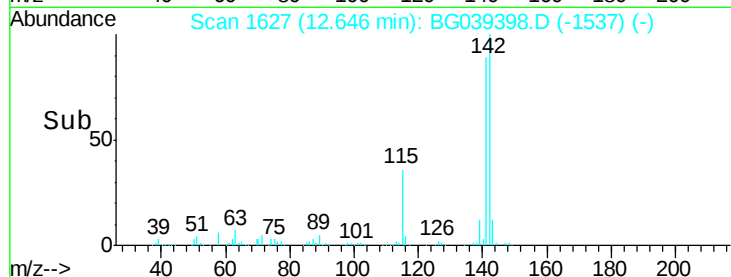
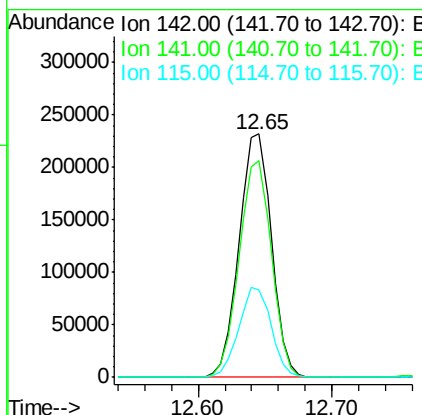
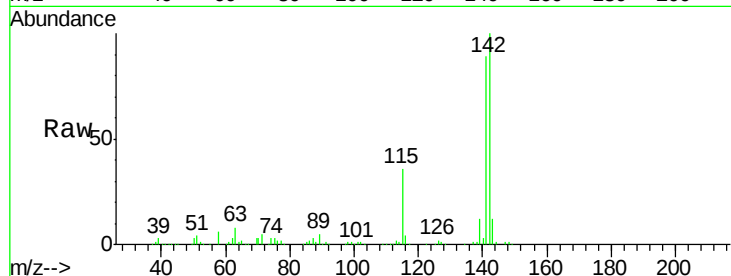




#37
2-Methylnaphthalene
Concen: 43.34 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

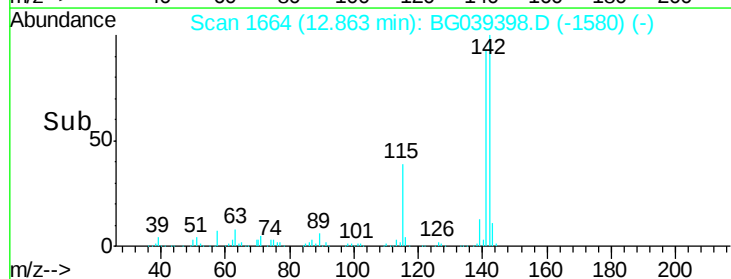
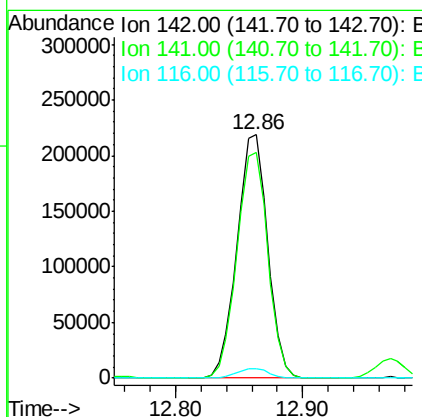
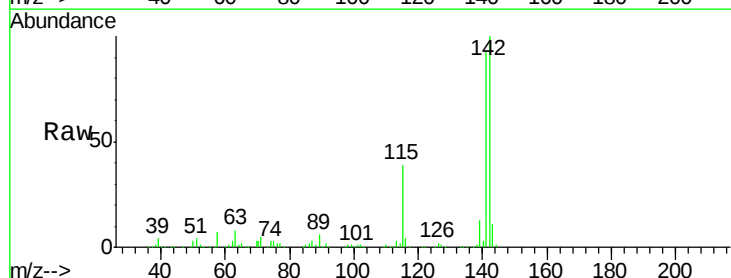
Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

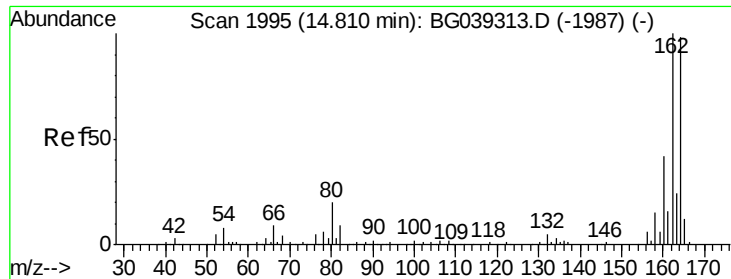
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.5	110.3
115	36.0	30.8	46.2



#38
1-Methylnaphthalene
Concen: 42.47 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.2	111.4
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

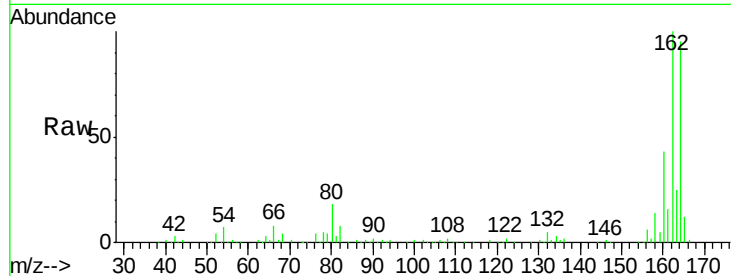
Tot Ion:164 Resp: 163432

Ion Ratio Lower Upper

164 100

162 105.1 81.6 122.4

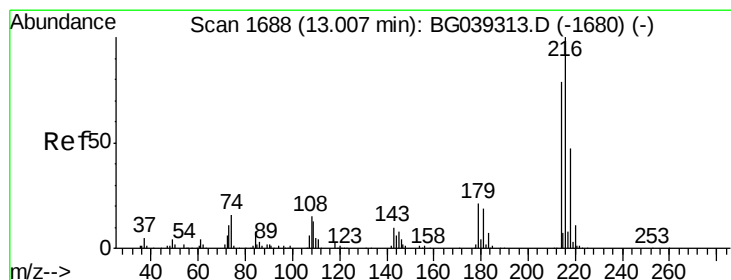
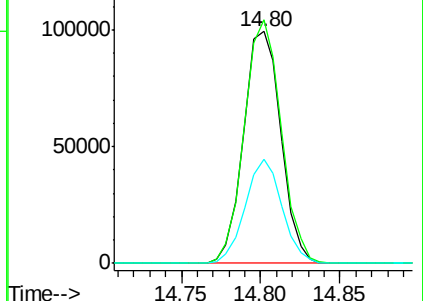
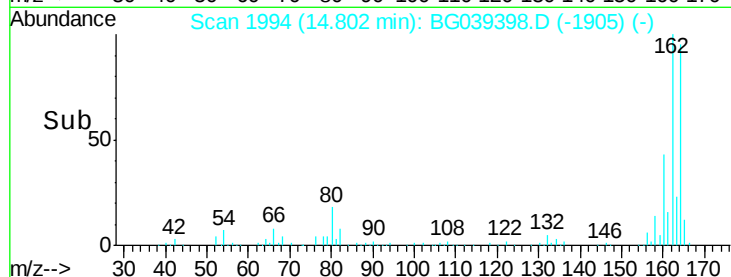
160 44.9 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.15 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Tgt Ion:216 Resp: 213957

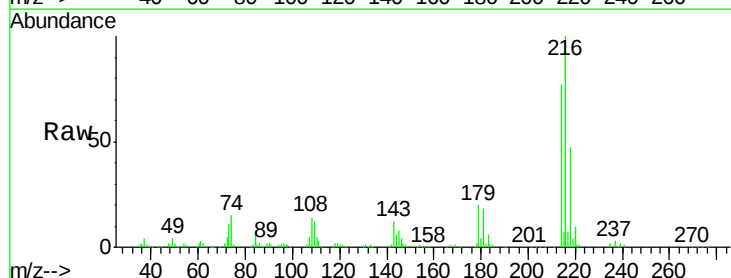
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 20.2 16.6 25.0

108 18.1 14.0 21.0

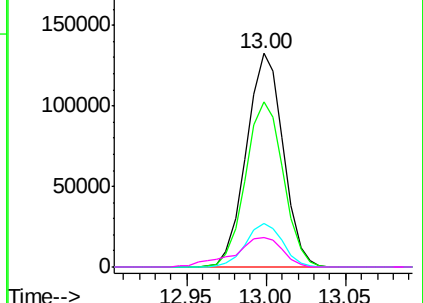
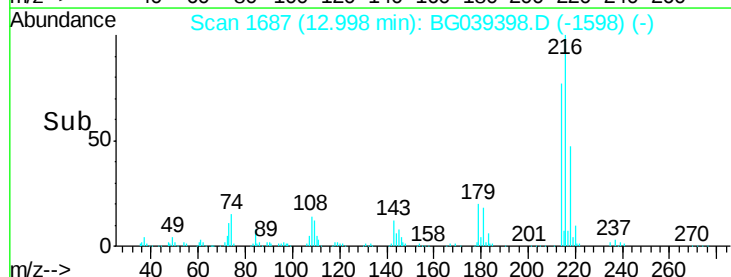


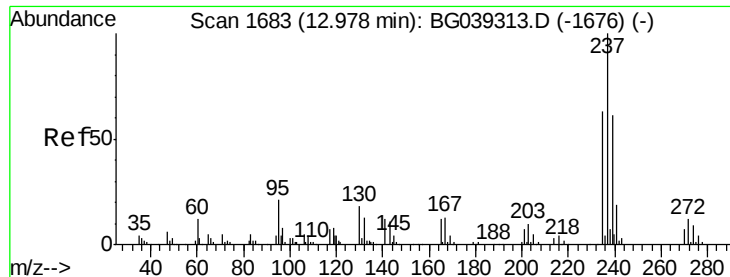
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.95 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

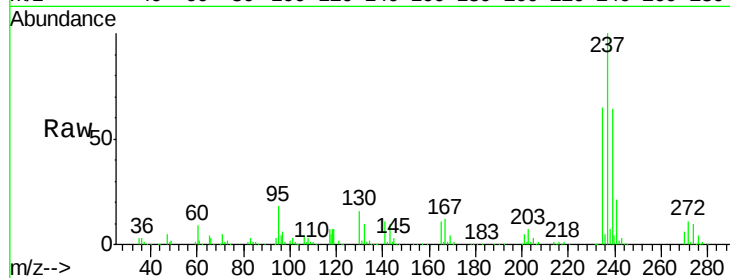
Tot Ion:237 Resp: 257713

Ion	Ratio	Lower	Upper
237	100		
235	64.9	43.3	83.3
272	11.3	0.0	32.3

237 100

235 64.9 43.3 83.3

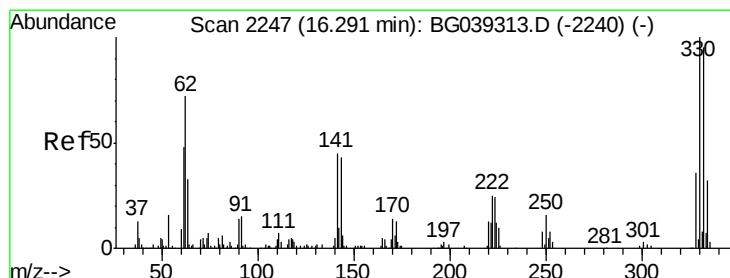
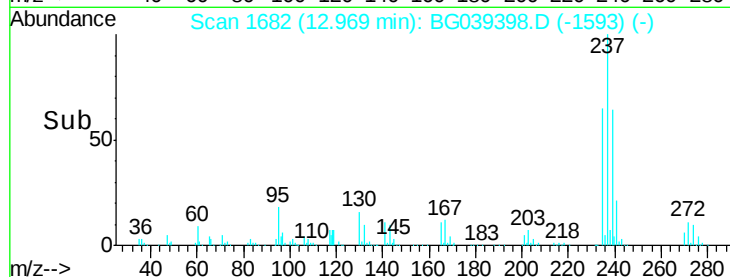
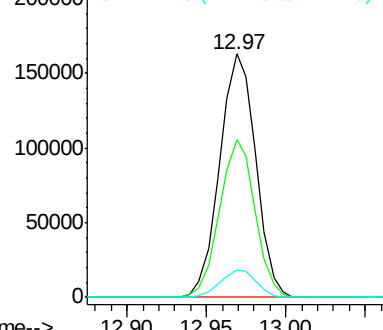
272 11.3 0.0 32.3



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: 144.96 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

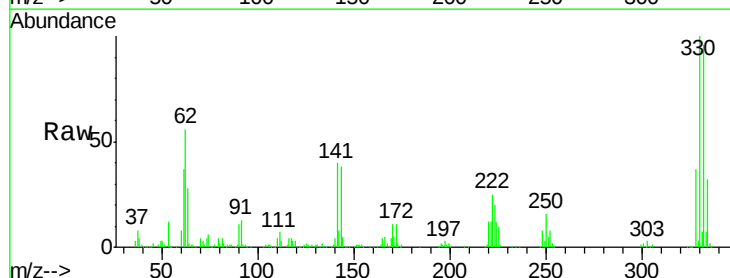
Tgt Ion:330 Resp: 255112

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.7	113.5
141	40.4	35.6	53.4

330 100

332 96.7 75.7 113.5

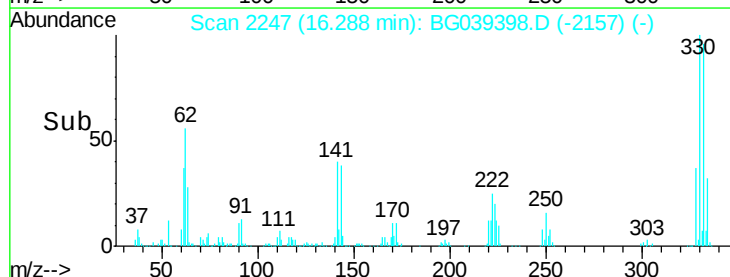
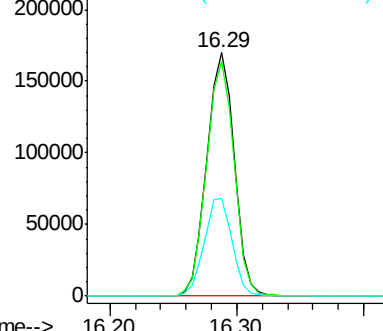
141 40.4 35.6 53.4

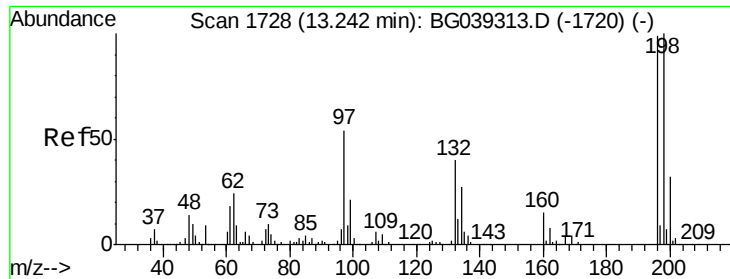


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

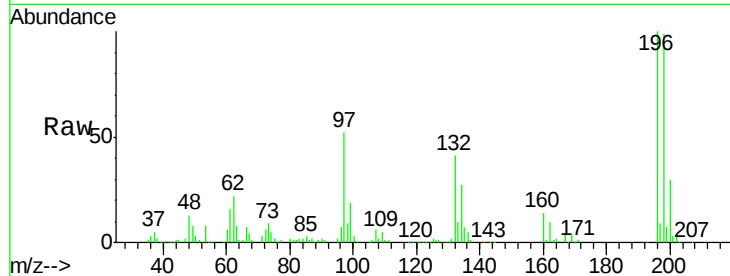




#43
 2,4,6-Trichlorophenol
 Concen: 45.97 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

Instrument :
 BNA_G
 ClientSampleId :
 98-WC-S-01-2-57MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	146984		
198	99.3	80.6	121.0	
200	30.3	26.1	39.1	

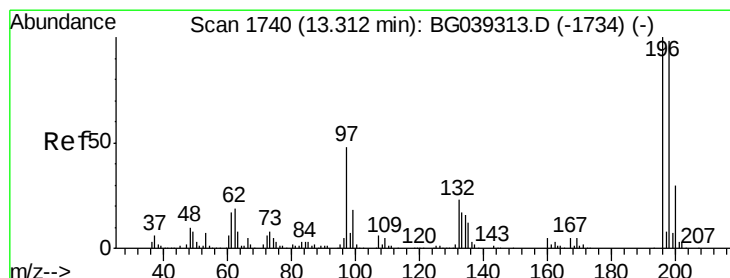
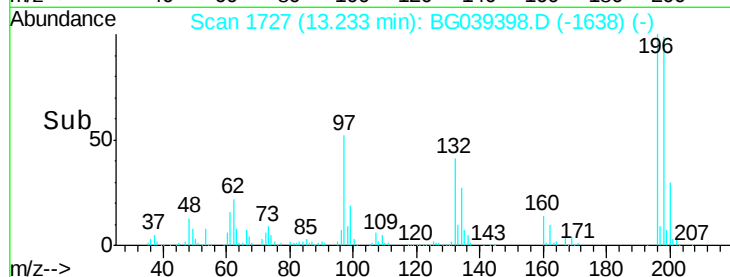
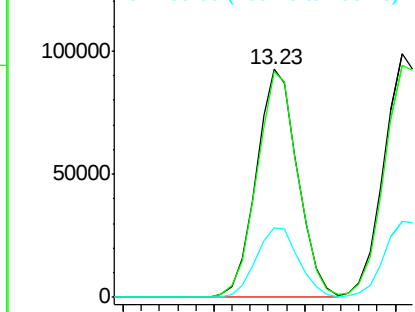


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 47.74 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159984		
198	95.1	78.5	117.7	
97	46.6	38.4	57.6	
132	27.0	19.2	28.8	

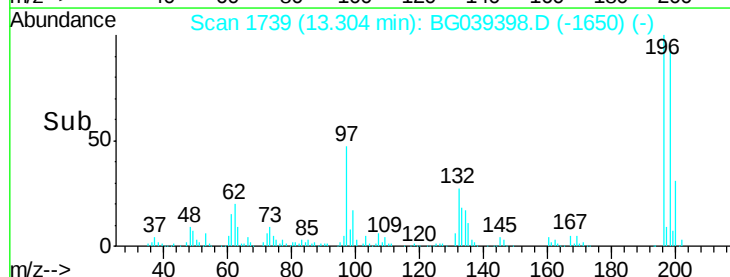
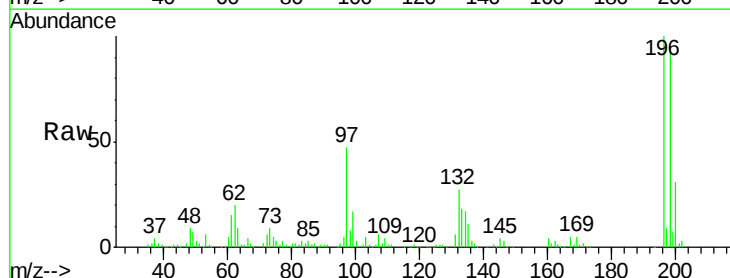
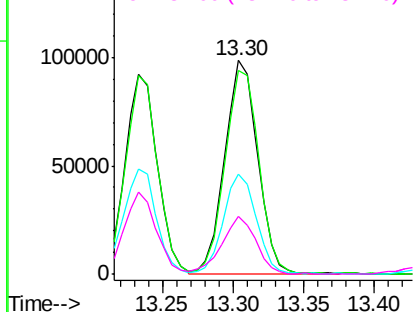
Abundance

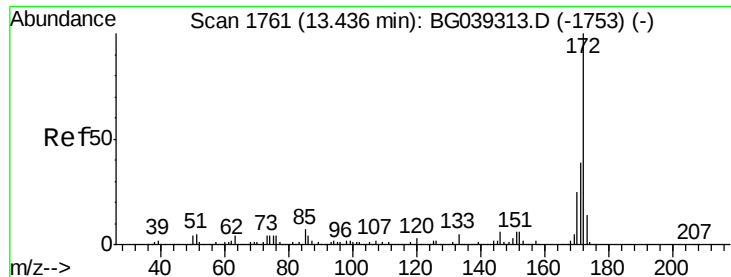
Ion 196.00 (195.70 to 196.70): E

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

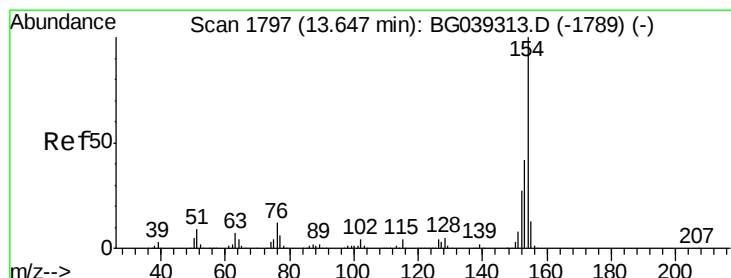
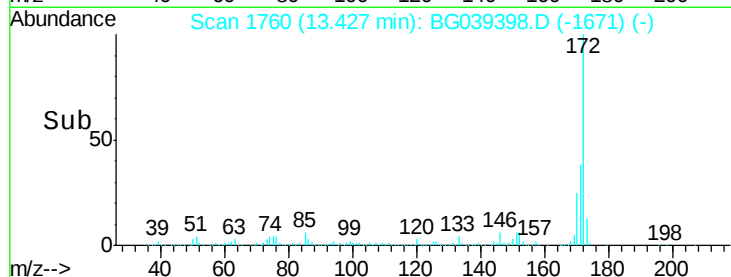
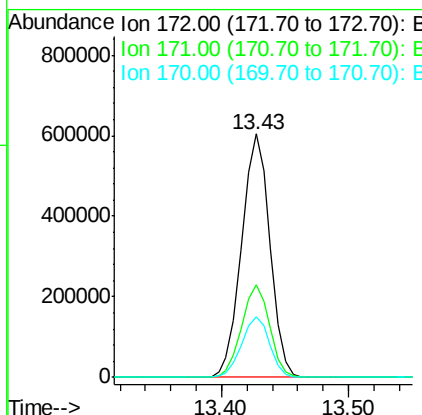
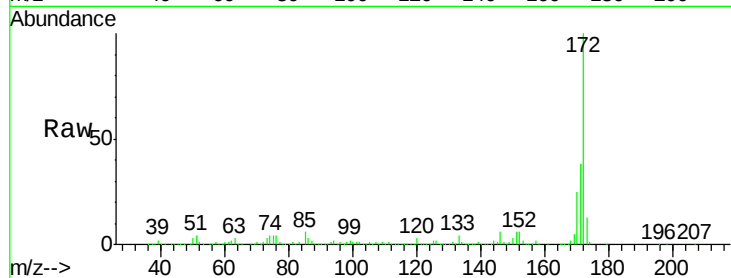




#45
2-Fluorobiphenyl
Concen: 82.03 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

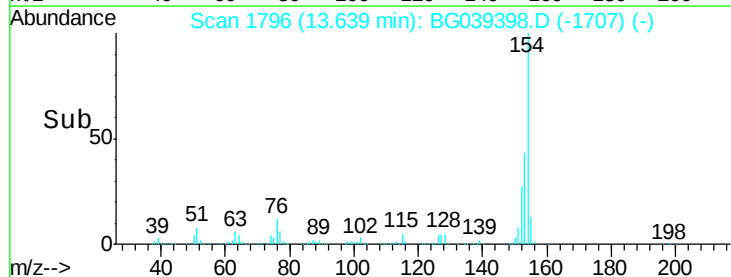
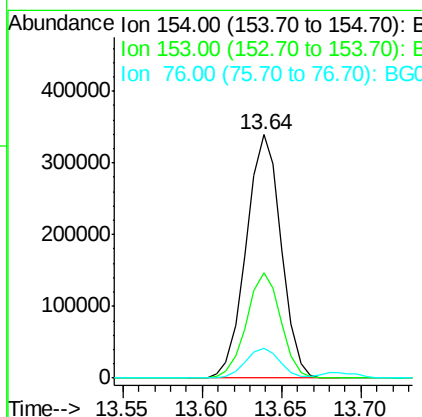
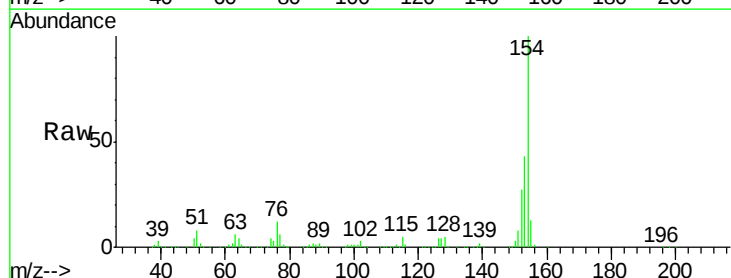
Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

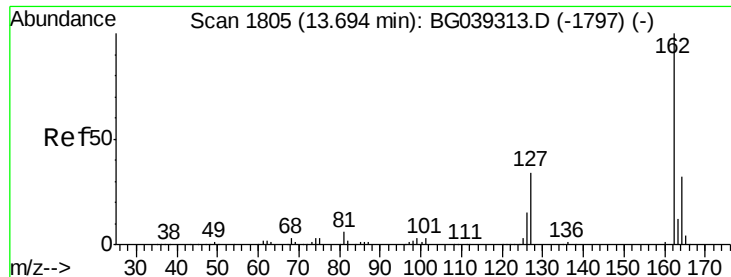
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	24.9	20.2	30.4



#46
1,1'-Biphenyl
Concen: 38.15 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	12.4	0.0	32.4

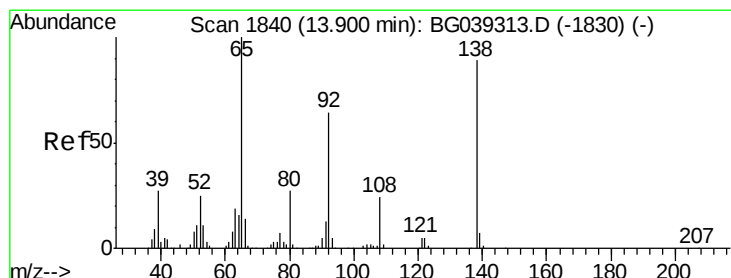
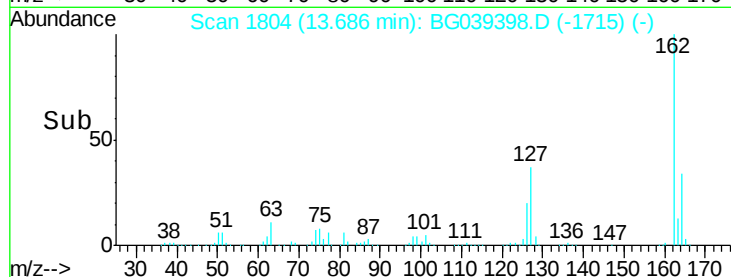
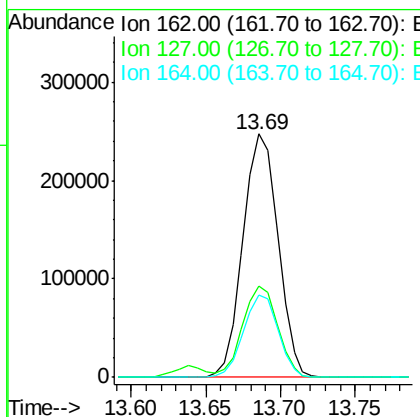
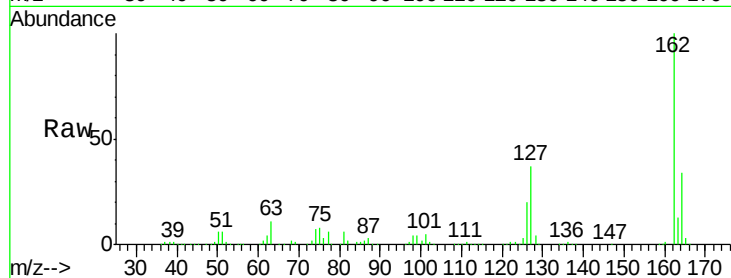




#47
 2-Chloronaphthalene
 Concen: 39.41 ng
 RT: 13.69 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

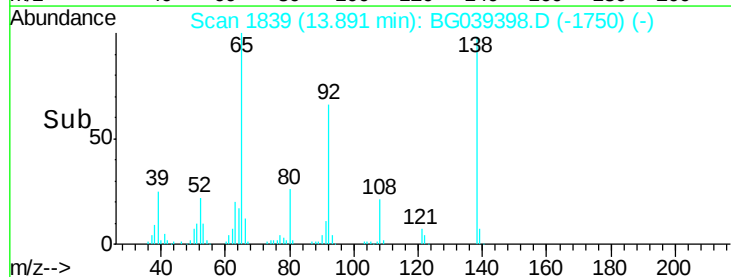
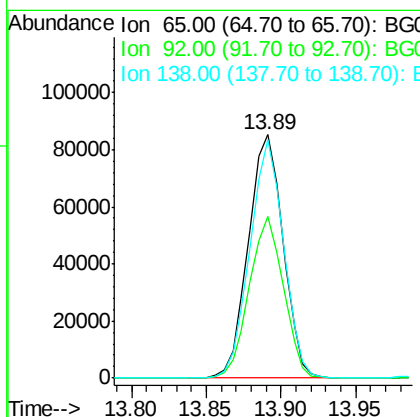
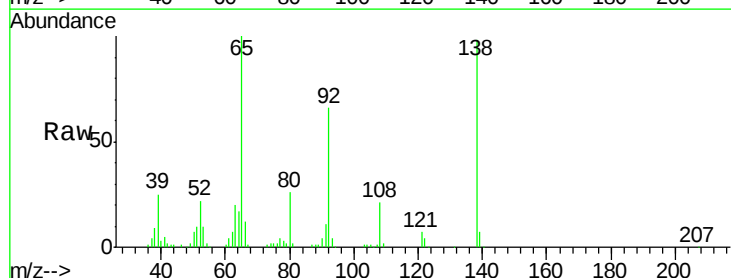
Instrument :
 BNA_G
 ClientSampleId :
 98-WC-S-01-2-57MSD

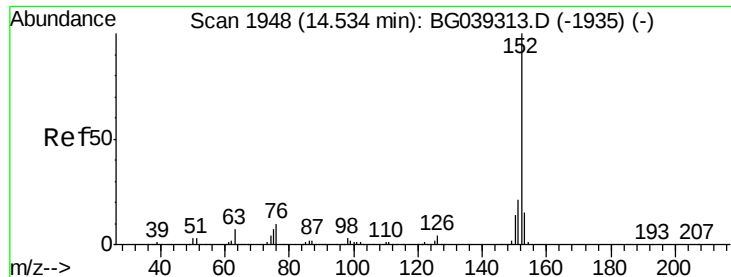
Tot Ion:162 Resp: 403137
 Ion Ratio Lower Upper
 162 100
 127 37.4 31.0 46.6
 164 34.0 25.7 38.5



#48
 2-Nitroaniline
 Concen: 46.96 ng
 RT: 13.89 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

Tgt Ion: 65 Resp: 137373
 Ion Ratio Lower Upper
 65 100
 92 66.2 51.4 77.2
 138 98.2 71.4 107.2





#49

Acenaphthylene

Concen: 42.00 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

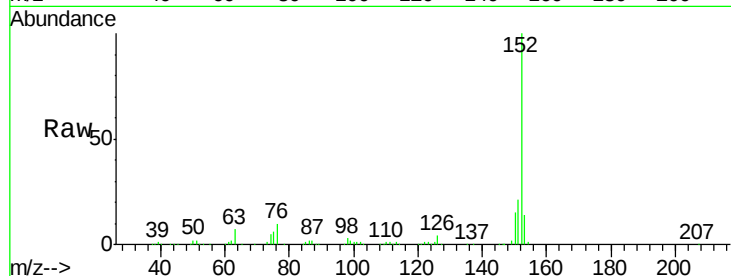
Tot Ion:152 Resp: 648304

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

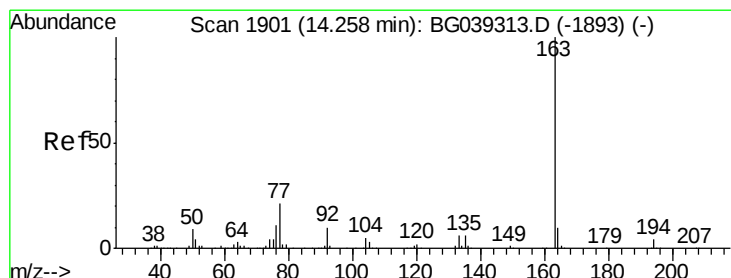
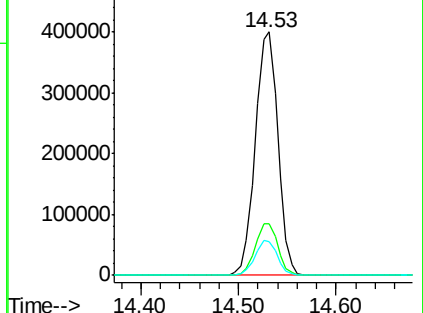
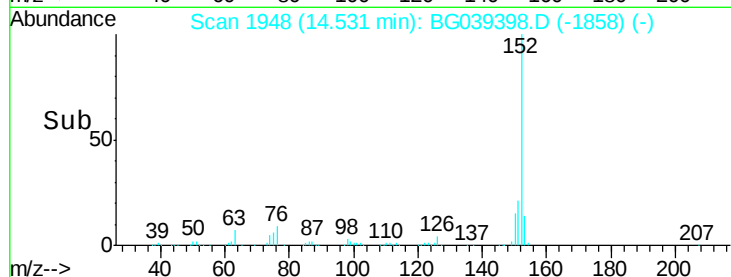
153 13.7 11.7 17.5



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: 40.58 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

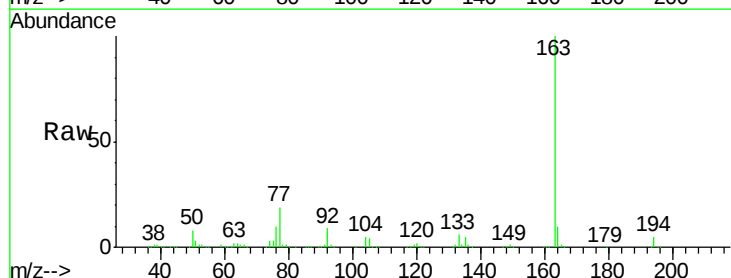
Tgt Ion:163 Resp: 535618

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

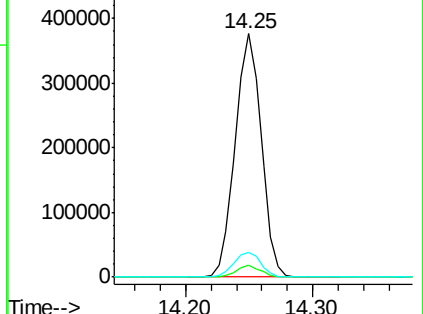
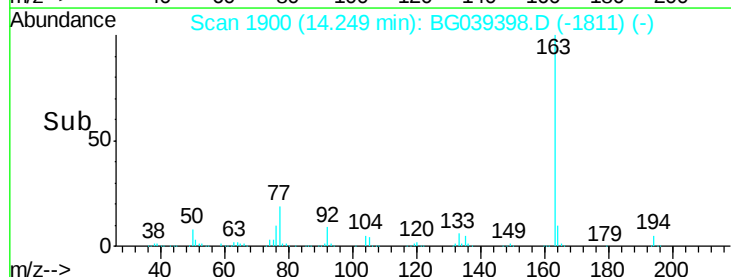
164 10.4 8.4 12.6

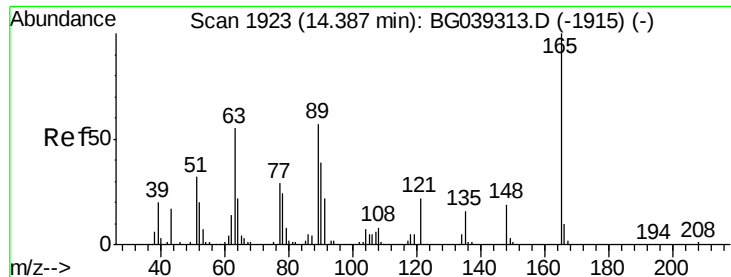


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.60 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

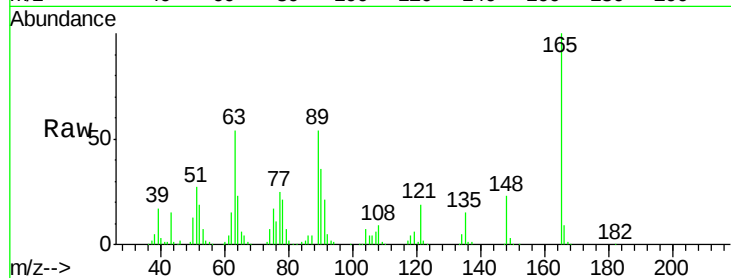
Tot Ion:165 Resp: 117277

Ion Ratio Lower Upper

165 100

63 53.8 47.0 70.6

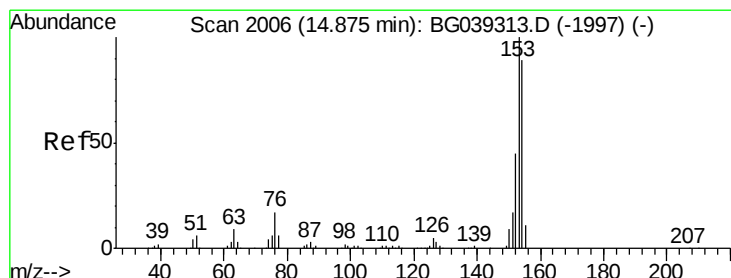
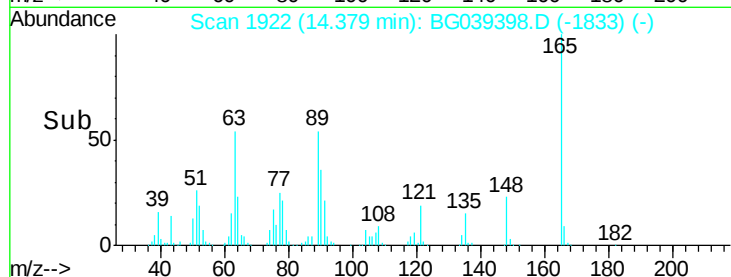
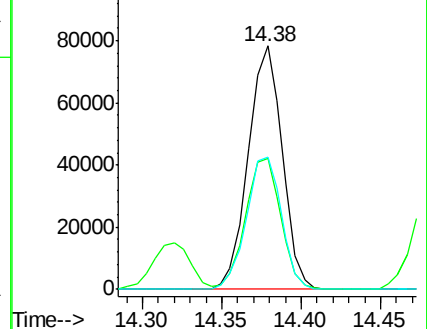
89 54.4 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.71 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

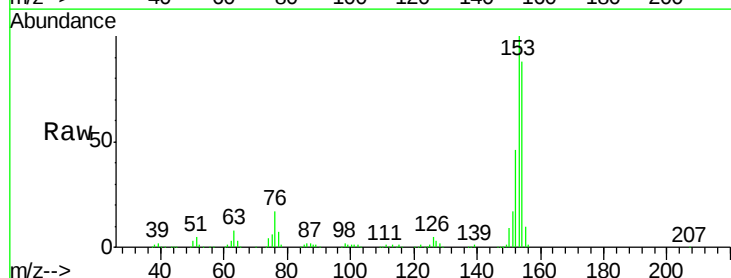
Tgt Ion:154 Resp: 397891

Ion Ratio Lower Upper

154 100

153 113.2 90.1 135.1

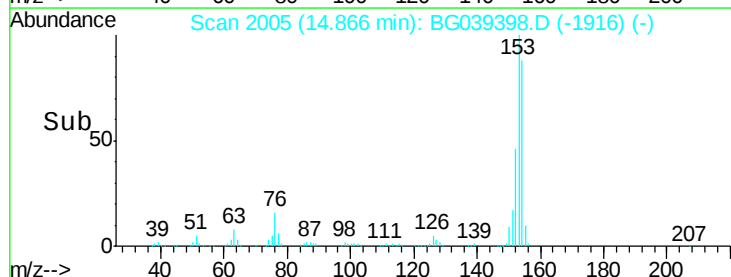
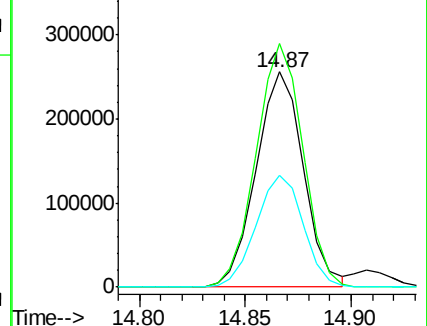
152 51.7 40.9 61.3

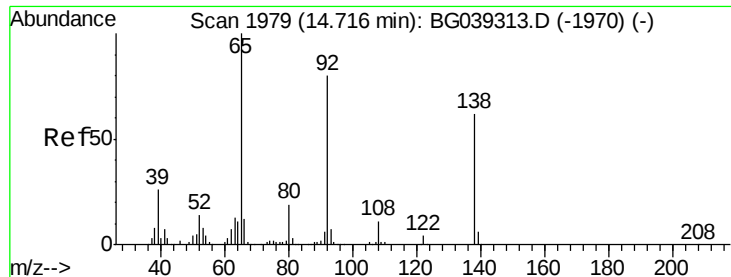


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

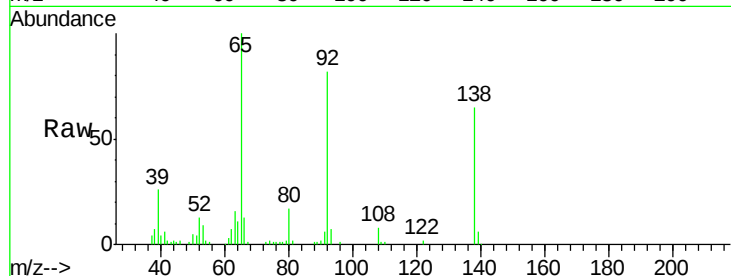




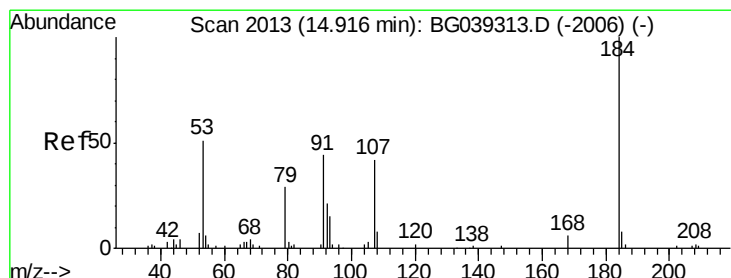
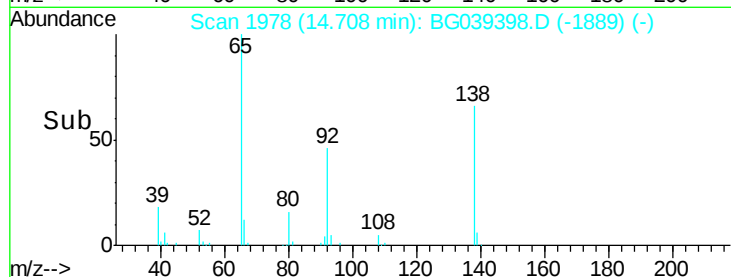
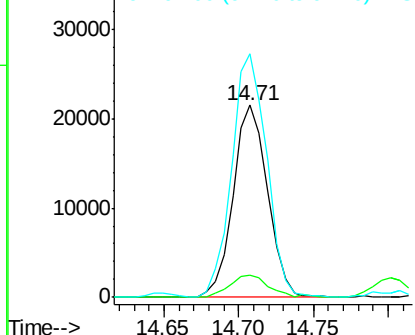
#53
3-Nitroaniline
Concen: 17.19 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

Tot Ion:138 Resp: 34516
Ion Ratio Lower Upper
138 100
108 11.8 13.8 20.8#
92 126.9 103.7 155.5

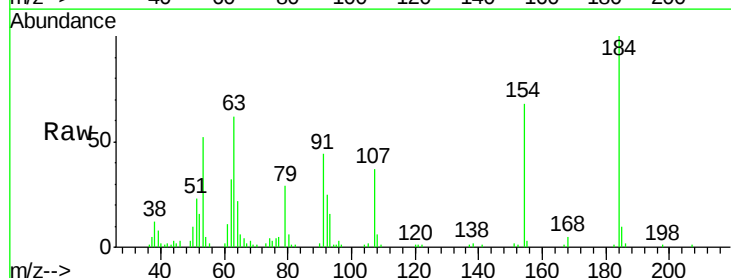


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

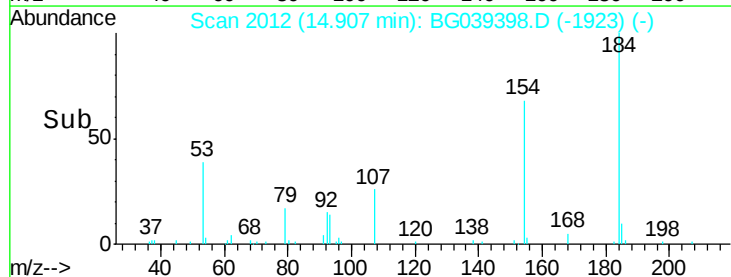
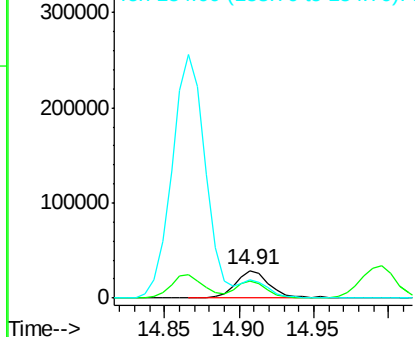


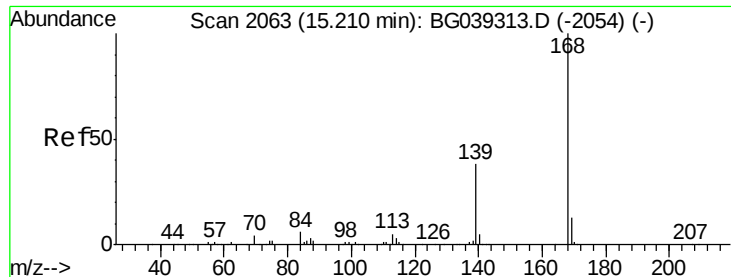
#54
2,4-Dinitrophenol
Concen: 51.37 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion:184 Resp: 46074
Ion Ratio Lower Upper
184 100
63 61.6 50.9 76.3
154 67.6 53.0 79.6



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

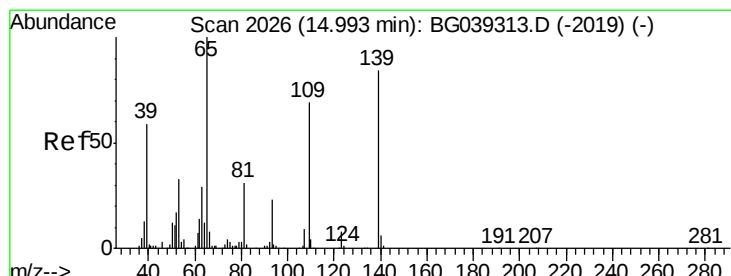
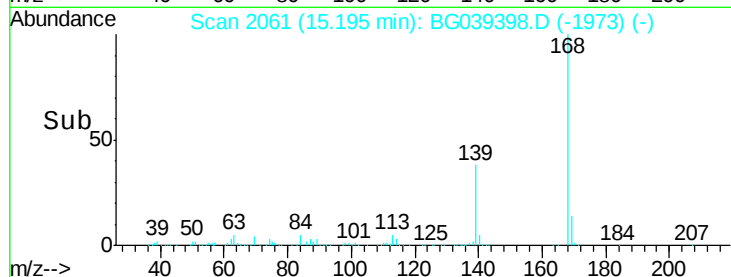
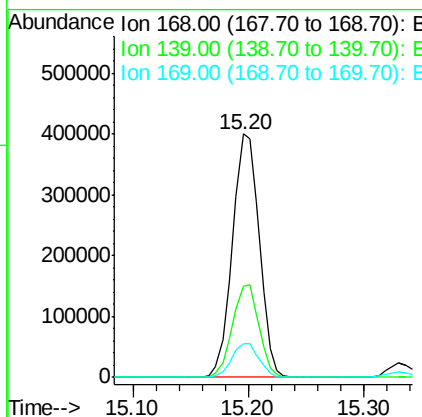
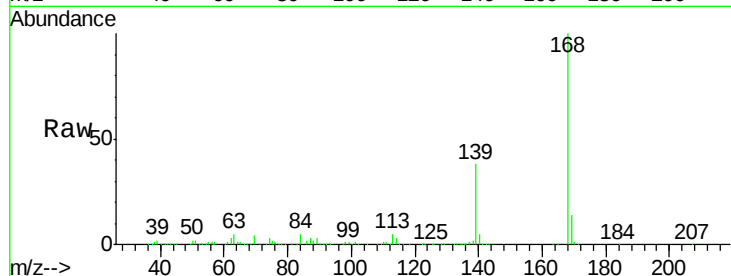




#55
Dibenzofuran
Concen: 39.98 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

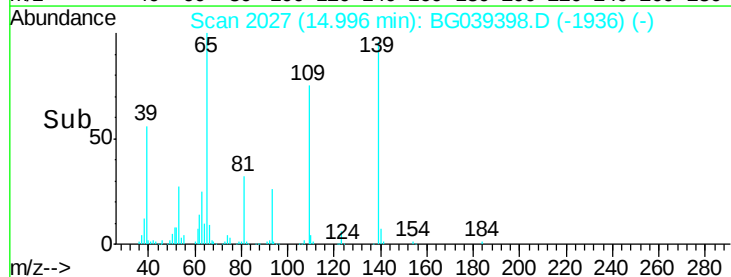
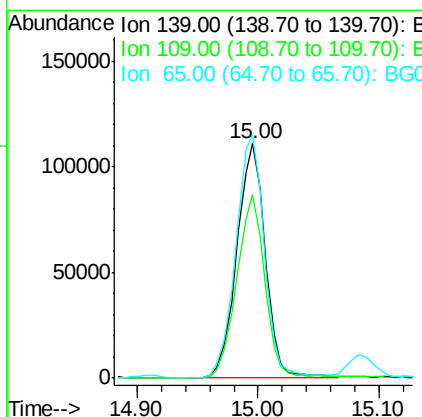
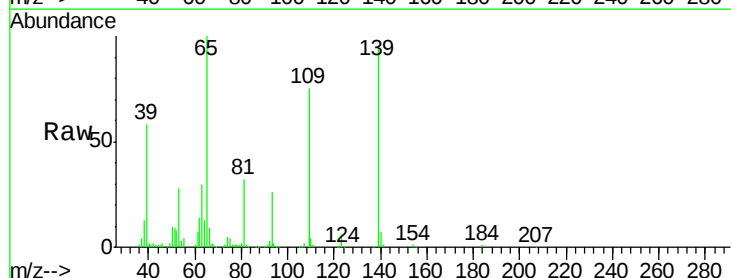
Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

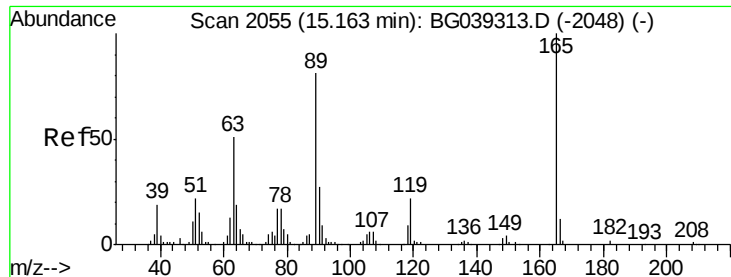
Tot Ion:168 Resp: 642198
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.9 10.6 16.0



#56
4-Nitrophenol
Concen: 76.88 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion:139 Resp: 182903
Ion Ratio Lower Upper
139 100
109 78.1 61.9 101.9
65 103.9 99.1 139.1

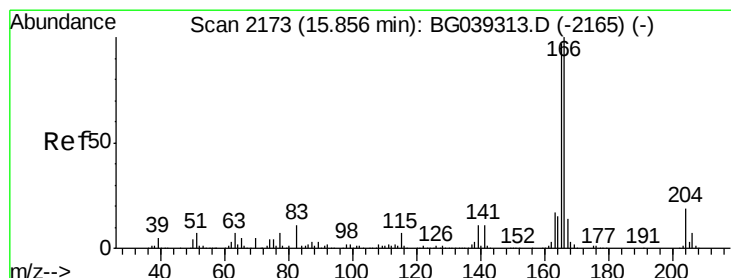
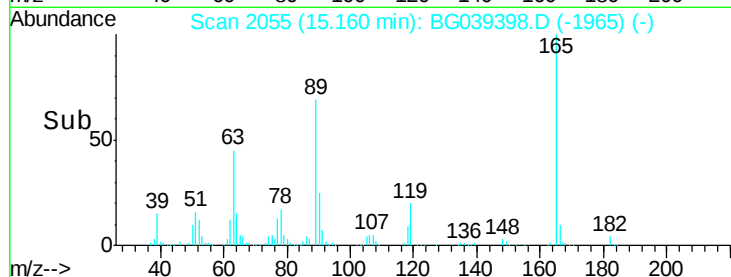
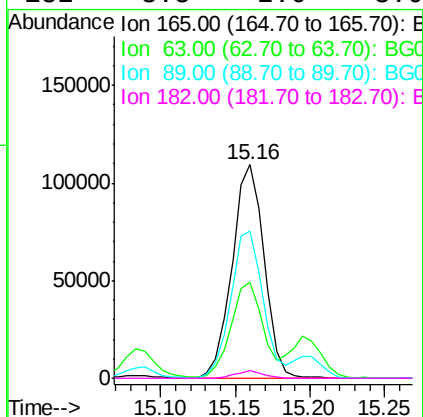
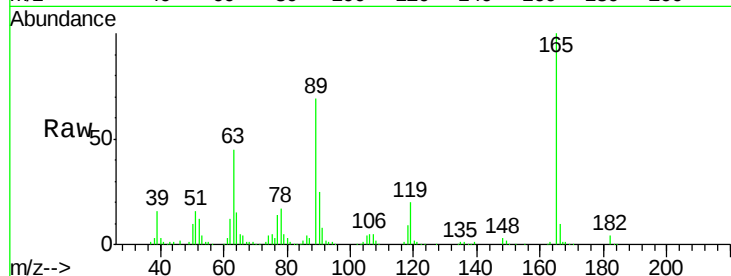




#57
2,4-Dinitrotoluene
Concen: 51.14 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

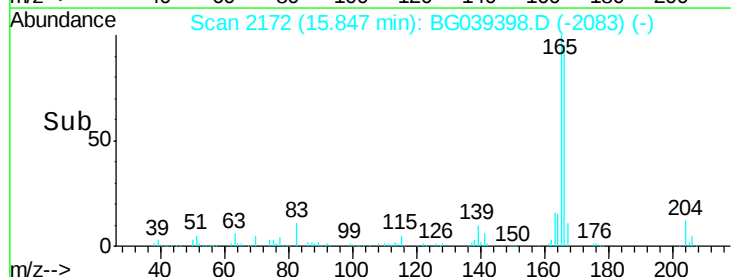
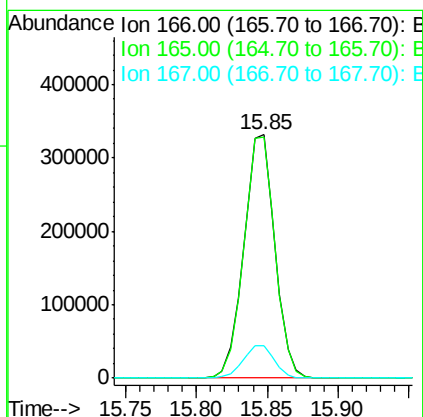
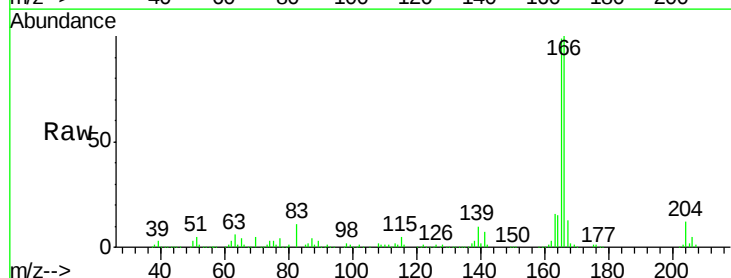
Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

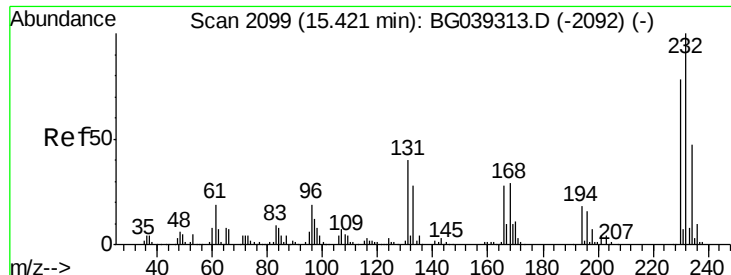
Tot Ion:165 Resp: 163542
Ion Ratio Lower Upper
165 100
63 44.7 41.0 61.6
89 69.2 64.6 96.8
182 3.5 2.0 3.0#



#58
Fluorene
Concen: 42.45 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion:166 Resp: 508380
Ion Ratio Lower Upper
166 100
165 99.2 77.9 116.9
167 13.3 10.8 16.2

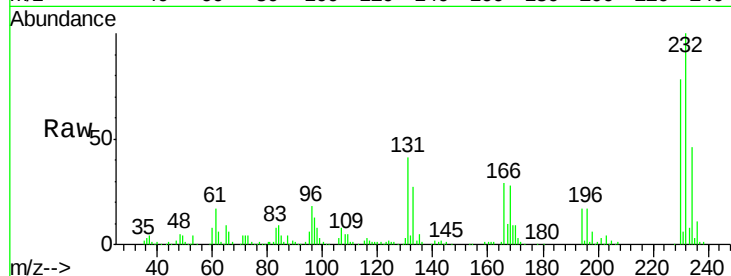




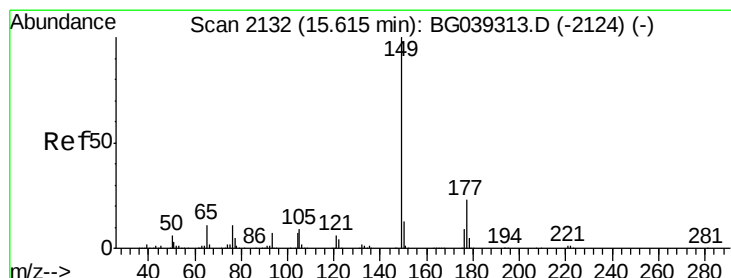
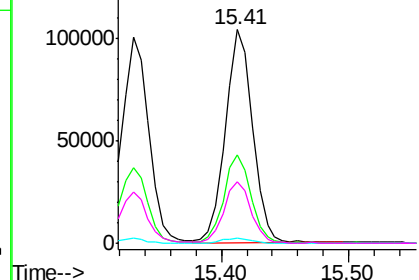
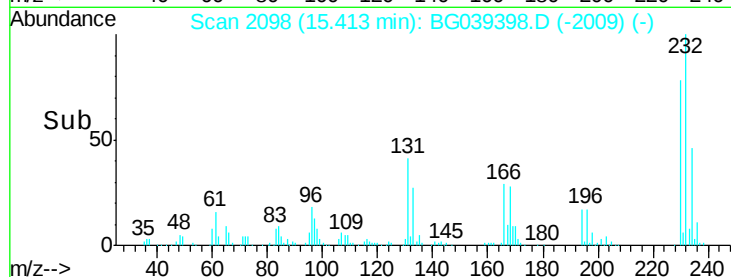
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.52 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

Instrument :
 BNA_G
 ClientSampleId :
 98-WC-S-01-2-57MSD

Tot Ion:	232	Resp:	155377
Ion	Ratio	Lower	Upper
232	100		
131	40.9	34.9	52.3
130	2.5	2.0	3.0
166	28.7	24.1	36.1

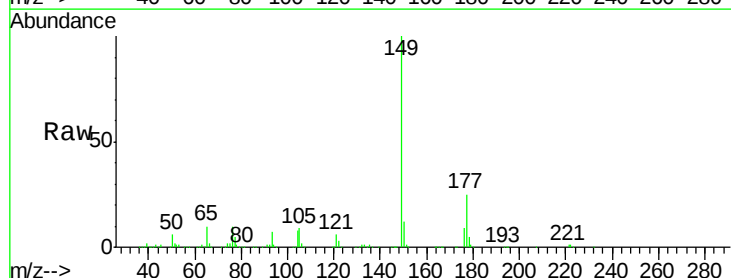


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

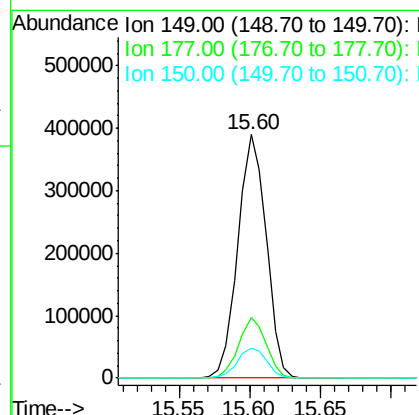
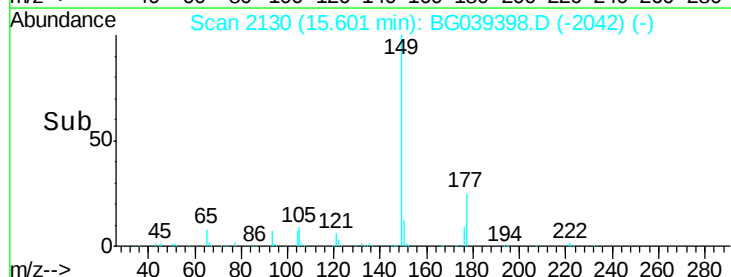


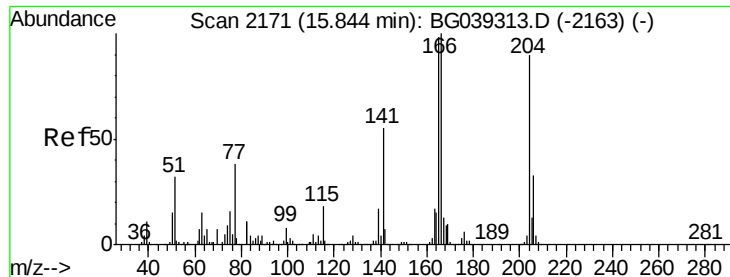
#60
 Diethylphthalate
 Concen: 39.92 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

Tgt Ion:	149	Resp:	544787
Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.3	27.5
150	12.5	10.2	15.2



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

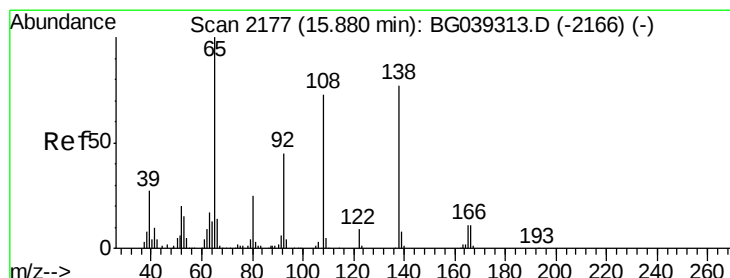
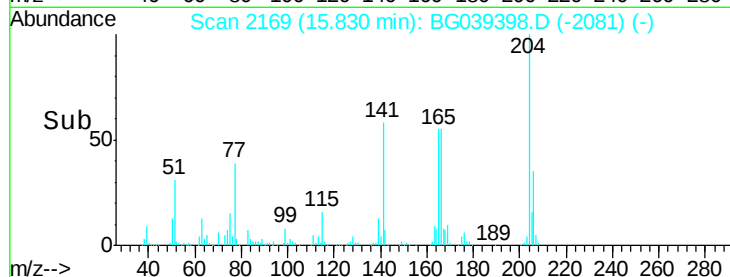
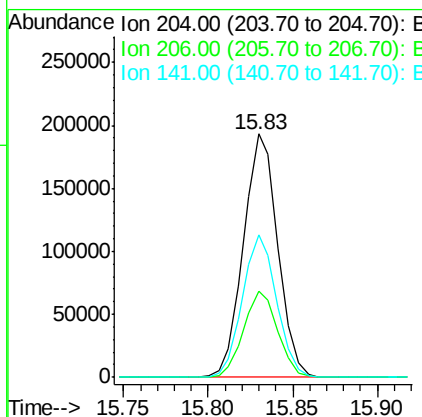
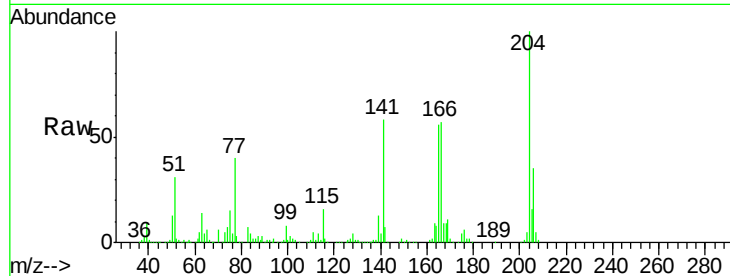




#61
4-Chlorophenyl-phenylether
Concen: 40.15 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

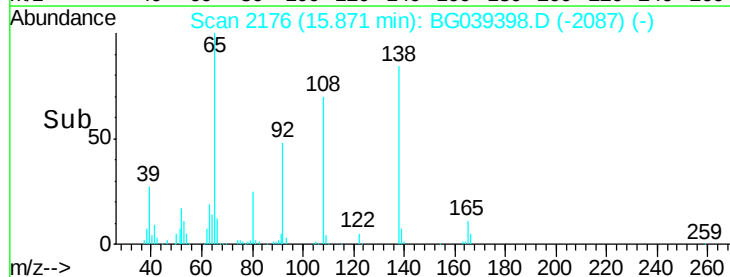
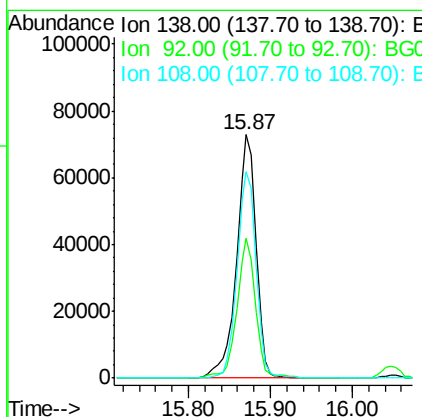
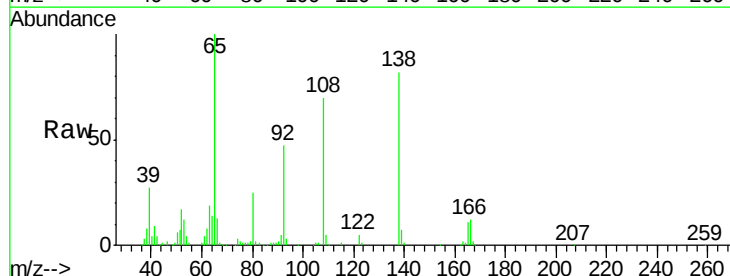
Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

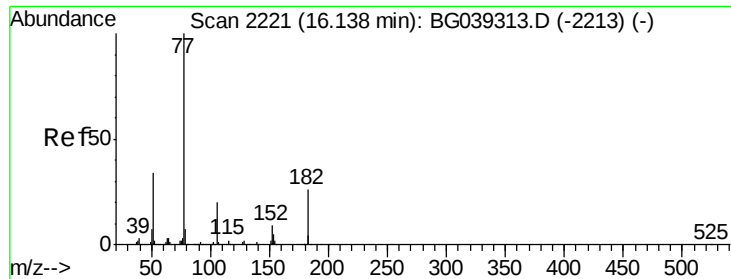
Tot Ion:204 Resp: 272234
Ion Ratio Lower Upper
204 100
206 35.2 29.2 43.8
141 58.5 49.0 73.4



#62
4-Nitroaniline
Concen: 44.21 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion:138 Resp: 121349
Ion Ratio Lower Upper
138 100
92 57.6 38.7 78.7
108 84.6 74.6 114.6

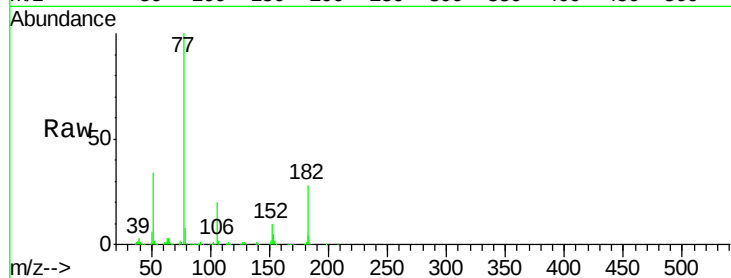




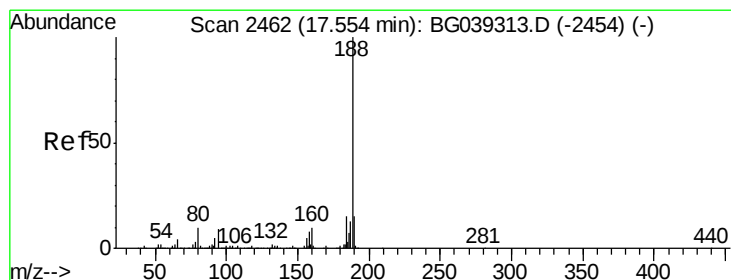
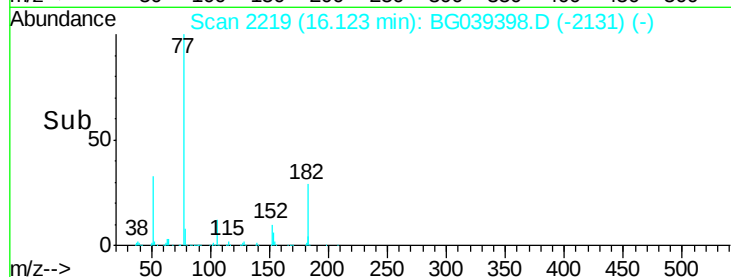
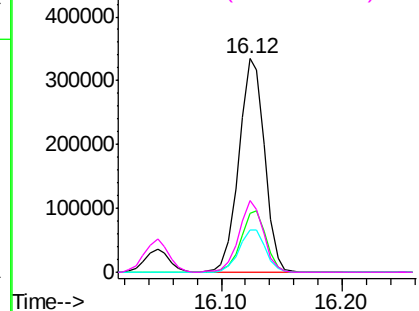
#63
Azobenzene
Concen: 37.00 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	6.4	46.4
105	20.0	0.0	39.8
51	33.8	14.1	54.1

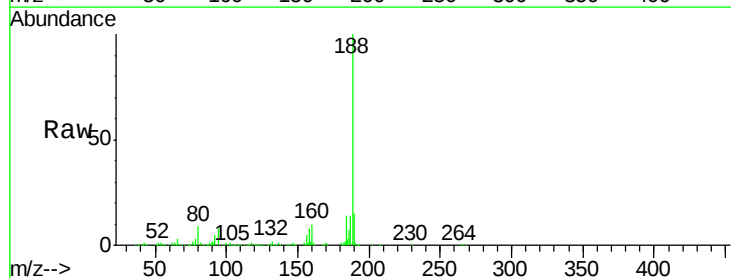


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

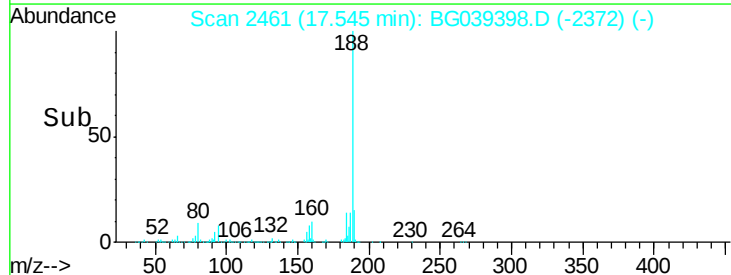
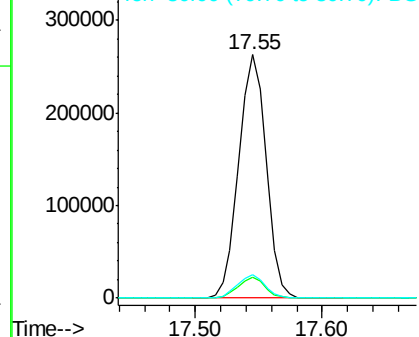


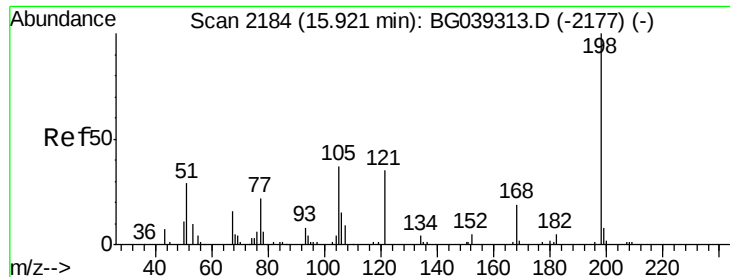
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.4	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

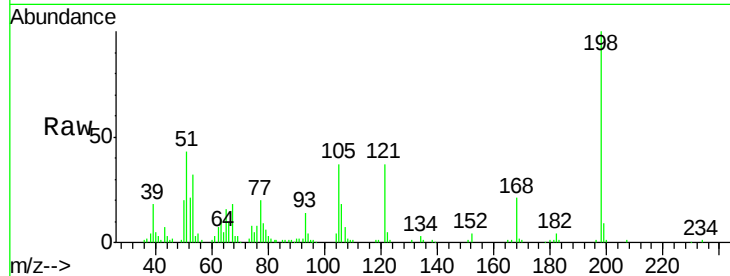




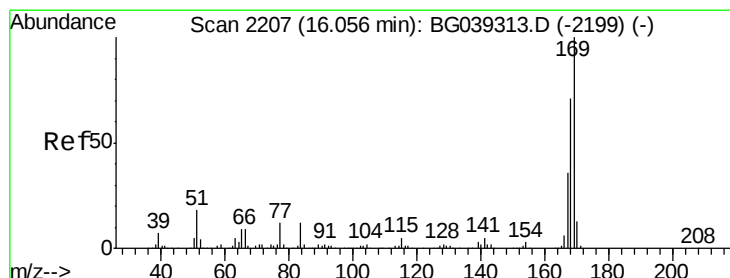
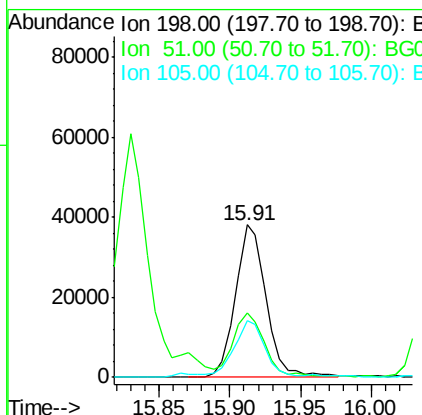
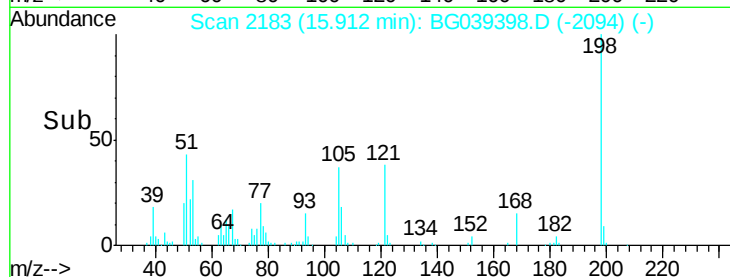
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.07 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

Instrument :
 BNA_G
 ClientSampleId :
 98-WC-S-01-2-57MSD

Tot Ion:198 Resp: 57611
 Ion Ratio Lower Upper
 198 100
 51 42.6 27.4 67.4
 105 36.9 19.7 59.7

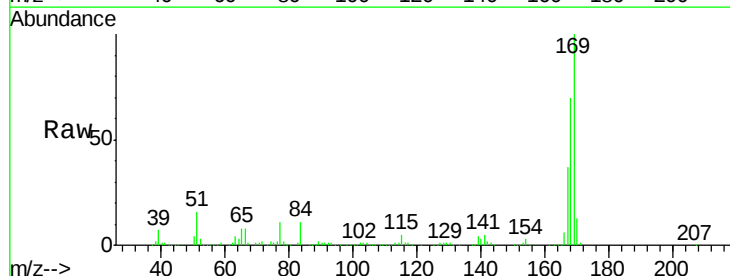


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

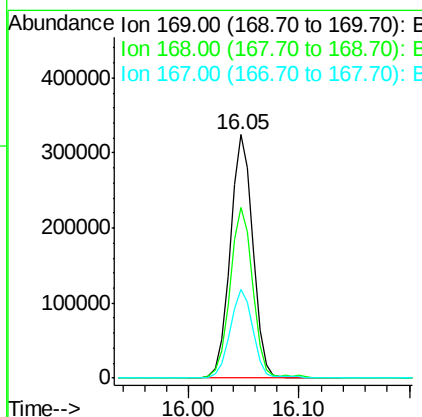
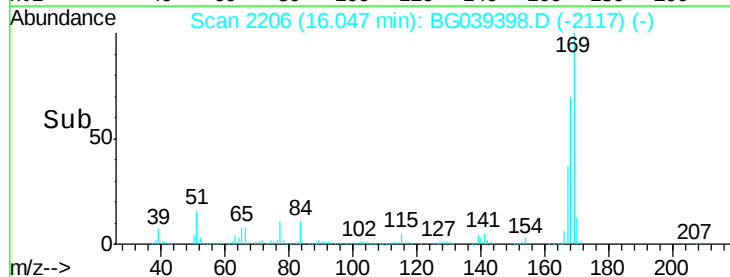


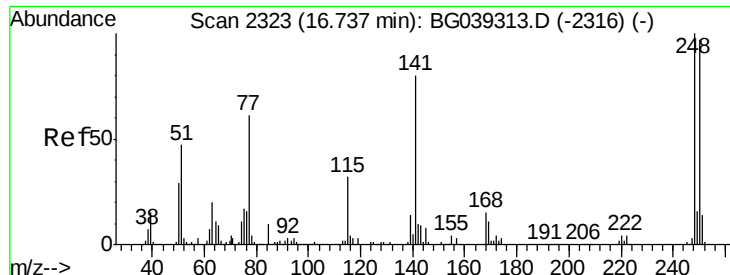
#66
 n-Nitrosodiphenylamine
 Concen: 39.00 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

Tgt Ion:169 Resp: 465245
 Ion Ratio Lower Upper
 169 100
 168 70.0 56.6 85.0
 167 36.6 28.8 43.2



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

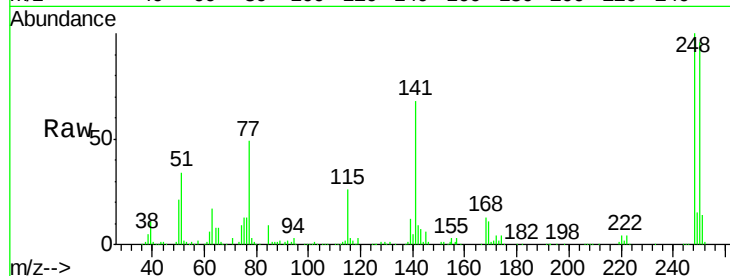




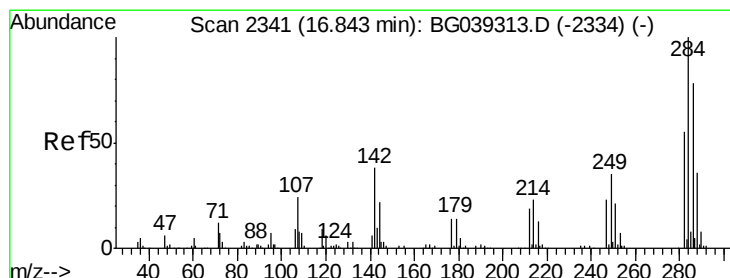
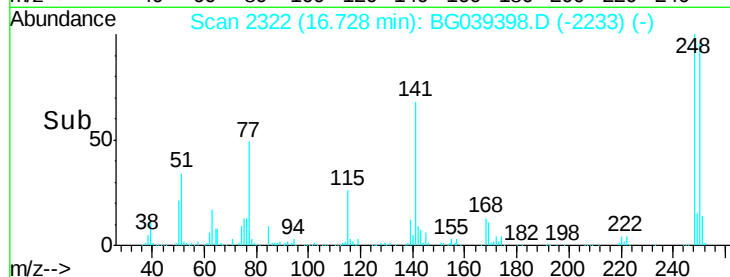
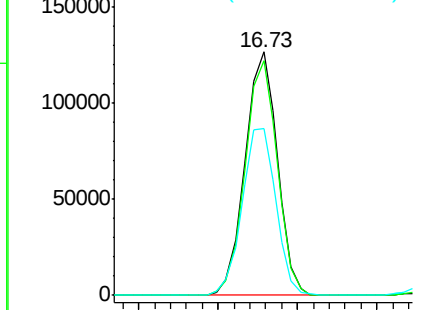
#67
4-Bromophenyl-phenylether
Concen: 41.24 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

Tot Ion:248 Resp: 179476
Ion Ratio Lower Upper
248 100
250 96.3 77.6 116.4
141 68.3 63.9 95.9

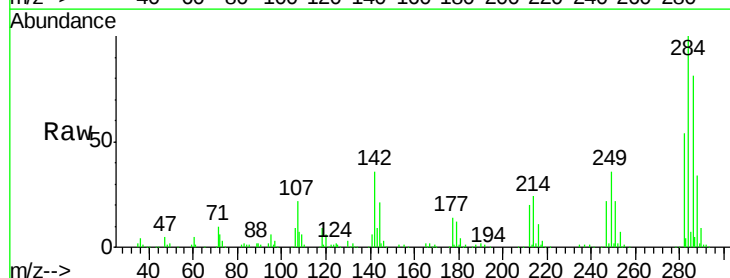


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

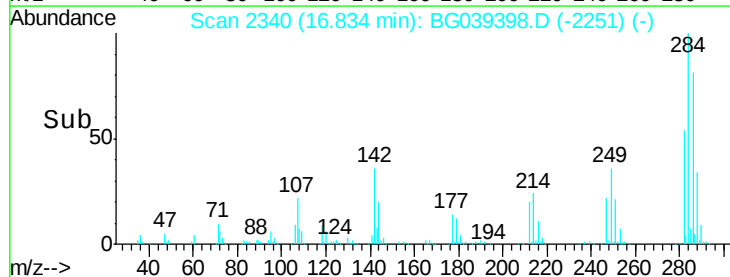
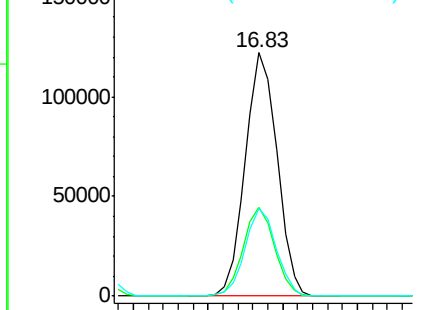


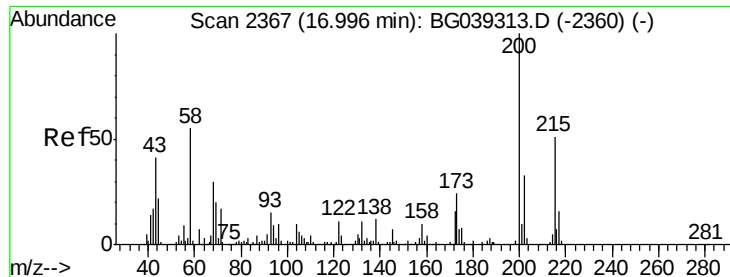
#68
Hexachlorobenzene
Concen: 41.27 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion:284 Resp: 180228
Ion Ratio Lower Upper
284 100
142 36.4 30.6 45.8
249 36.1 28.2 42.2



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





#69

Atrazine

Concen: 43.77 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

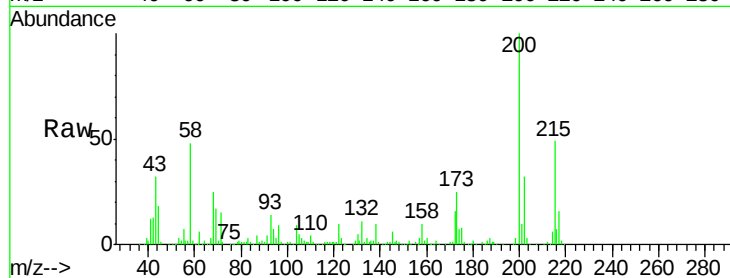
Tot Ion:200 Resp: 190835

Ion Ratio Lower Upper

200 100

173 25.3 3.9 43.9

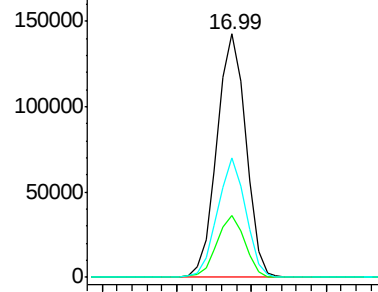
215 49.1 30.9 70.9



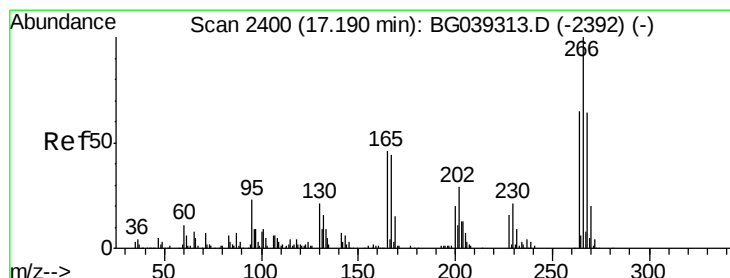
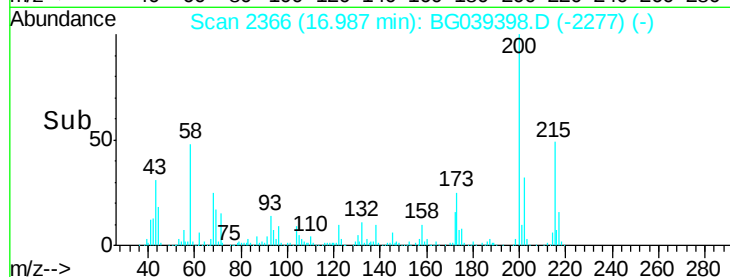
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time--> 16.90 16.95 17.00 17.05



#70

Pentachlorophenol

Concen: 64.51 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

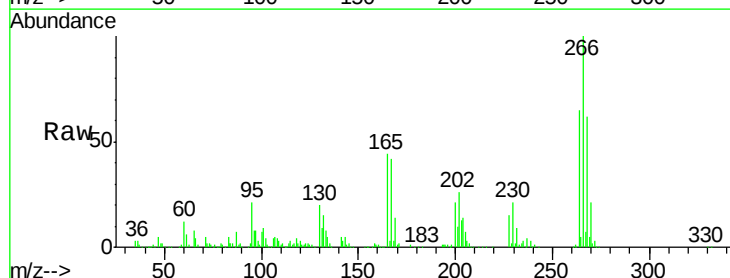
Tgt Ion:266 Resp: 195783

Ion Ratio Lower Upper

266 100

268 62.5 51.1 76.7

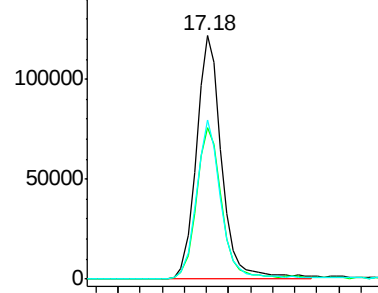
264 65.1 52.1 78.1



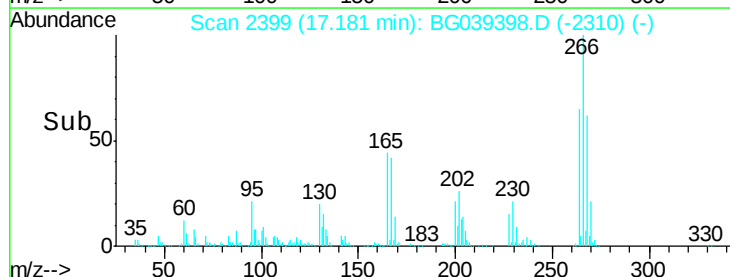
Abundance Ion 265.70 (265.40 to 266.40): E

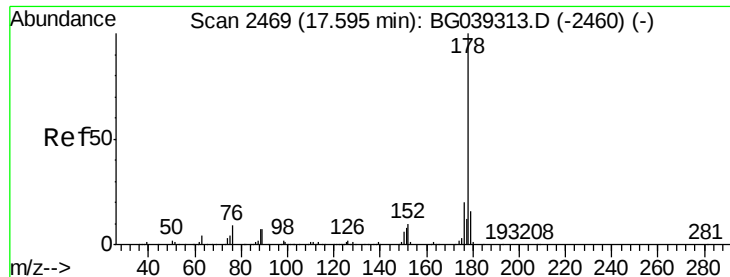
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 17.10 17.20 17.30





#71

Phenanthrene

Concen: 42.28 ng

RT: 17.59 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

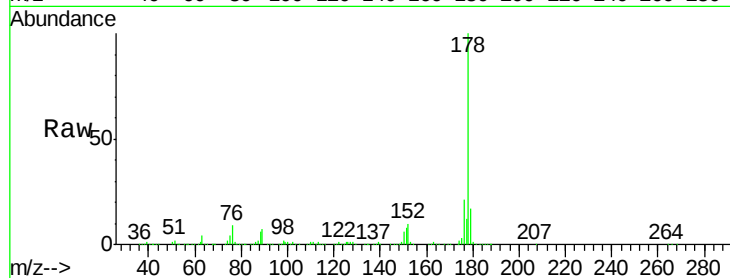
Tot Ion:178 Resp: 858578

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.4

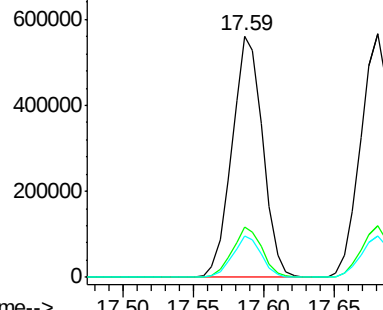
179 17.0 12.6 19.0



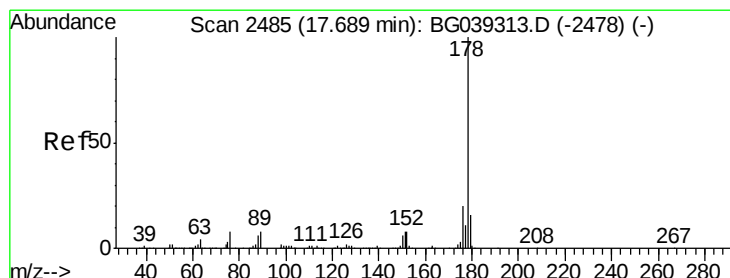
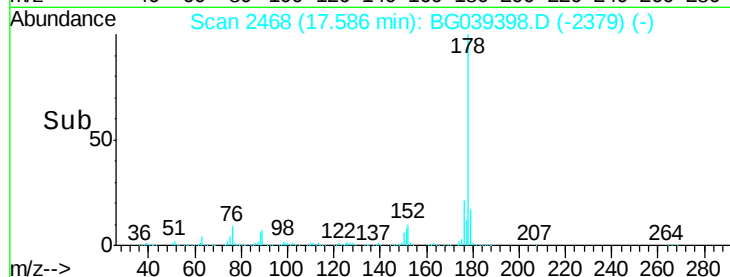
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 43.38 ng

RT: 17.68 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

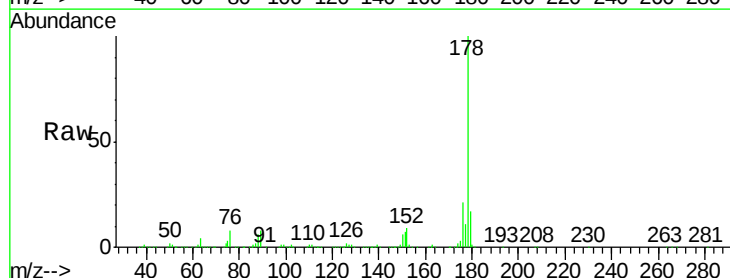
Tgt Ion:178 Resp: 867630

Ion Ratio Lower Upper

178 100

176 21.1 15.8 23.6

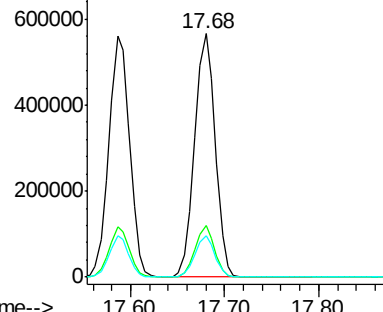
179 16.8 12.5 18.7



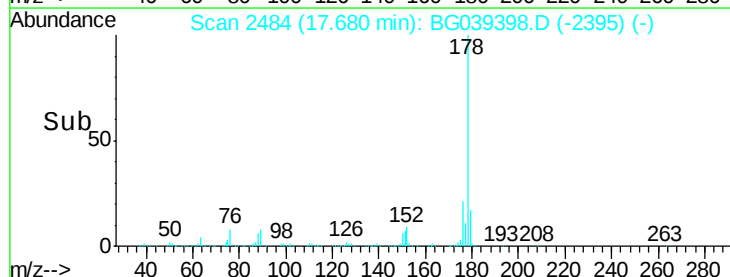
Abundance Ion 178.00 (177.70 to 178.70): E

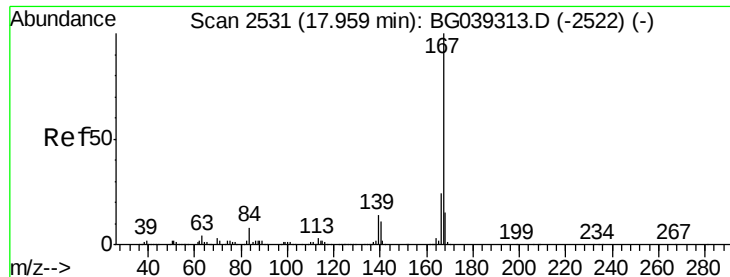
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

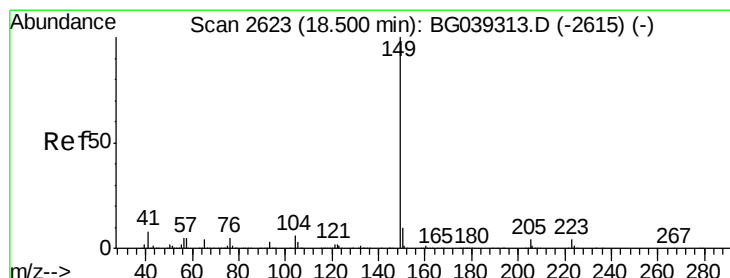
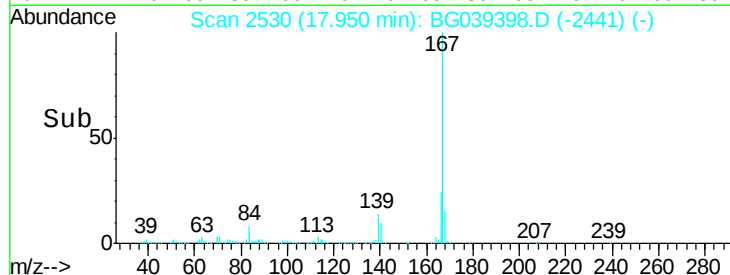
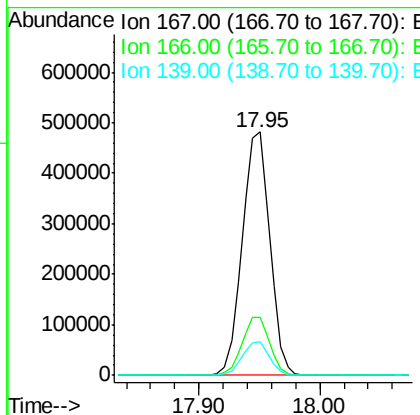
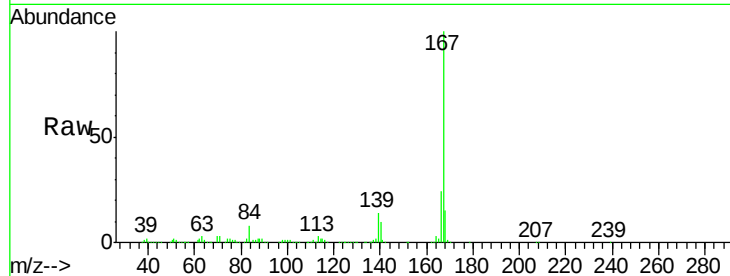




#73
 Carbazole
 Concen: 38.48 ng
 RT: 17.95 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

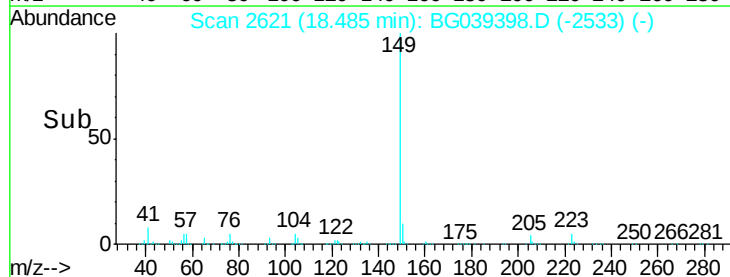
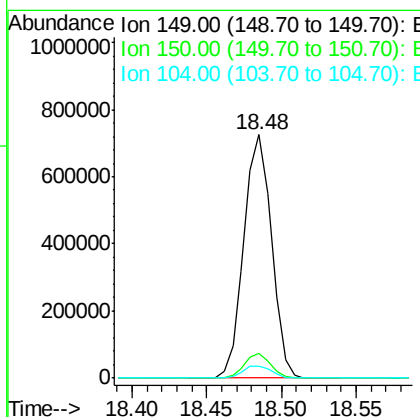
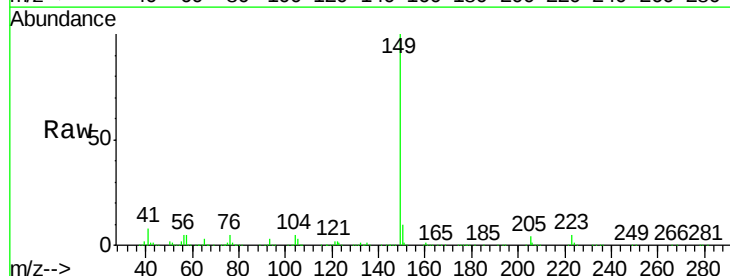
Instrument :
 BNA_G
 ClientSampleId :
 98-WC-S-01-2-57MSD

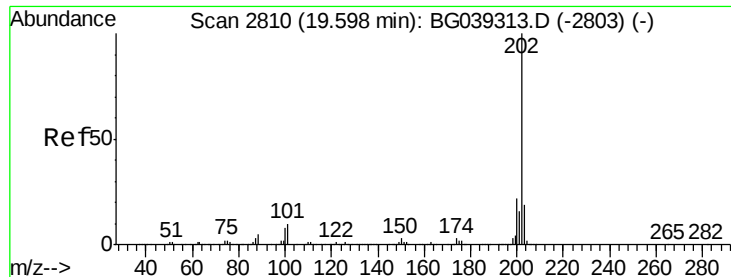
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	13.9	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 39.98 ng
 RT: 18.48 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.0	4.5	6.7





#75

Fluoranthene

Concen: 43.69 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

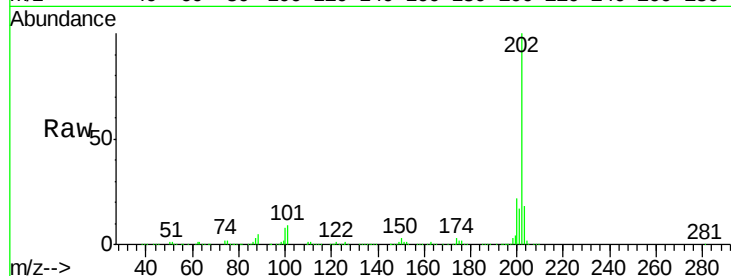
Tot Ion:202 Resp: 1029669

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.0

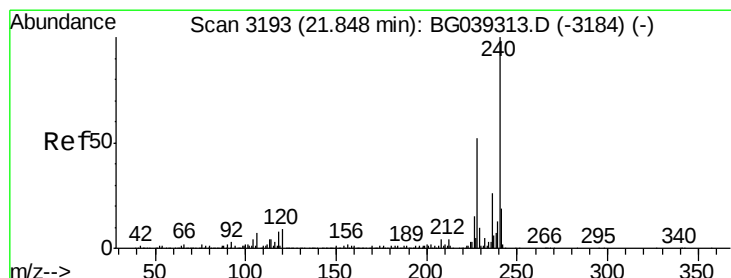
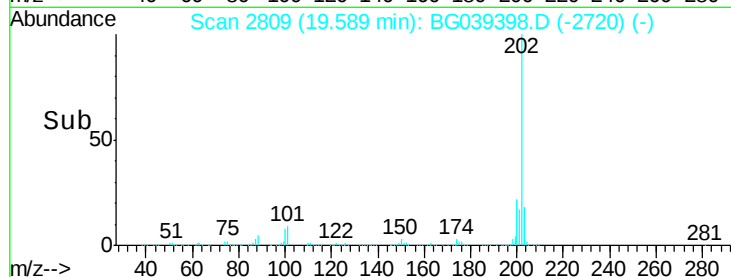
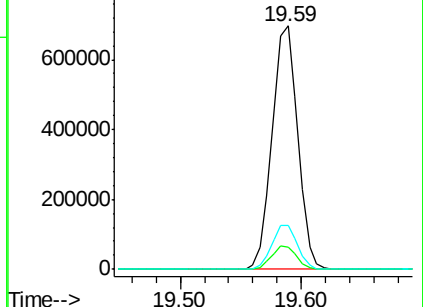
203 18.2 0.0 38.9



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: 20.00 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

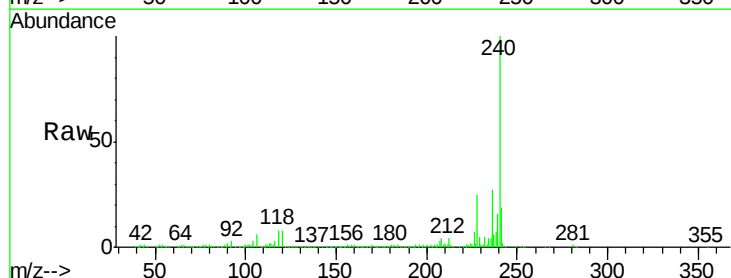
Tgt Ion:240 Resp: 398471

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

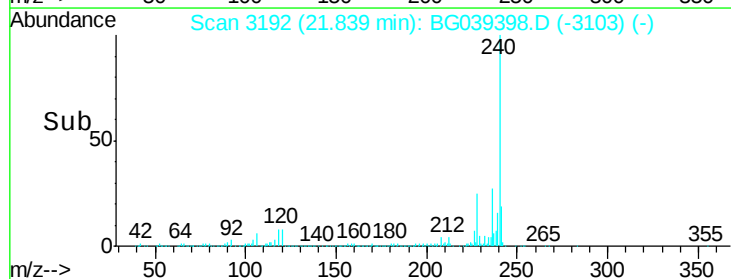
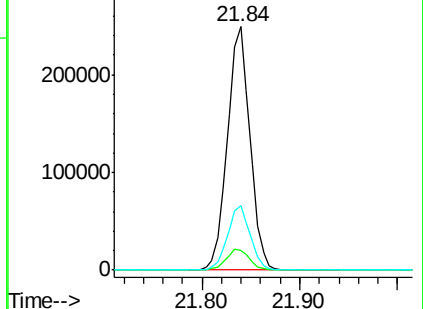
236 26.7 21.0 31.4

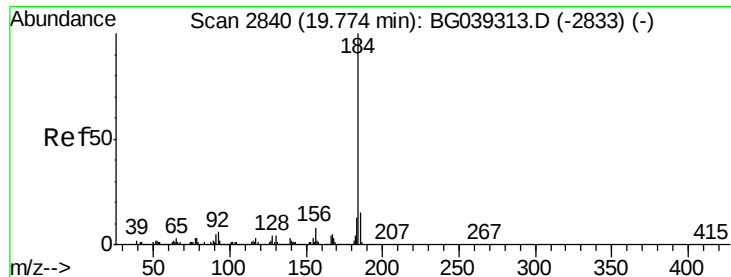


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.62 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

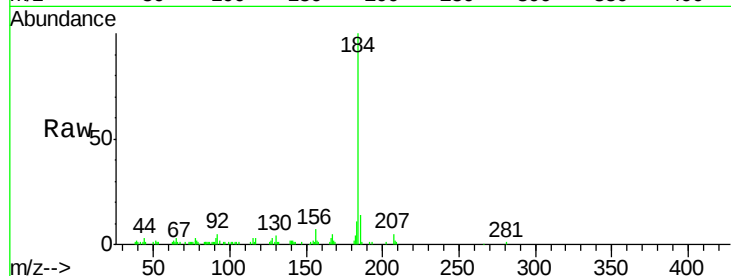
BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

Tot Ion:184 Resp: 47327

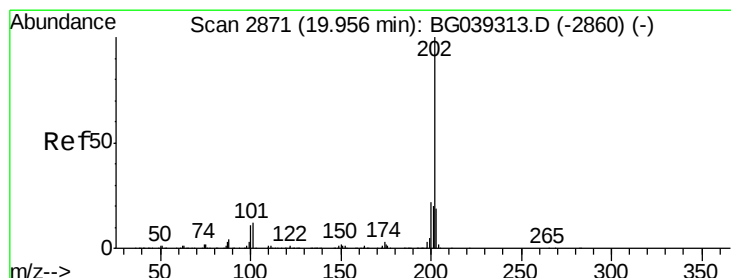
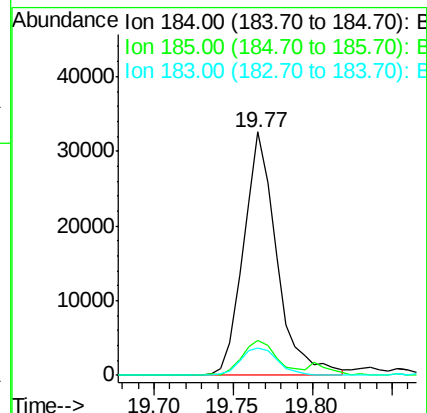
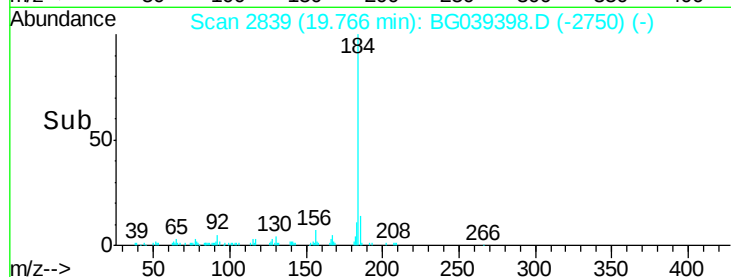
Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.2
183	11.3	10.6	15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.03 ng

RT: 19.95 min Scan# 2870

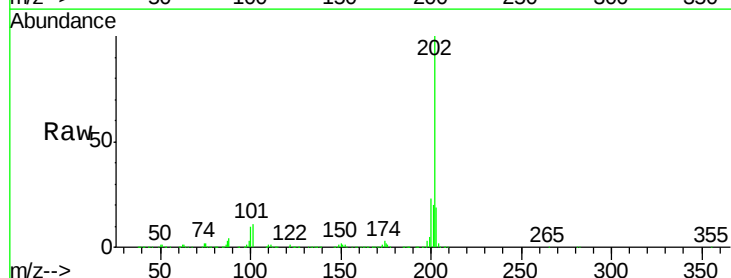
Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Tgt Ion:202 Resp: 1042707

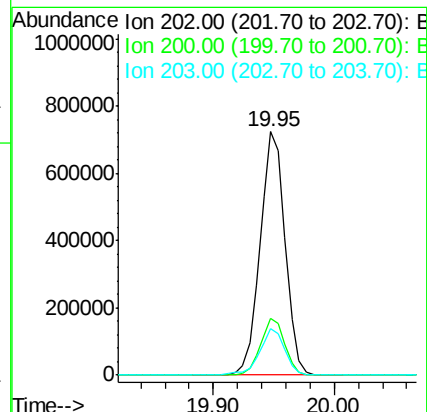
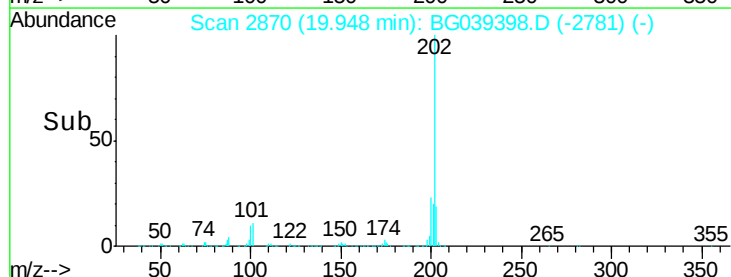
Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.8	26.8
203	19.0	15.3	22.9

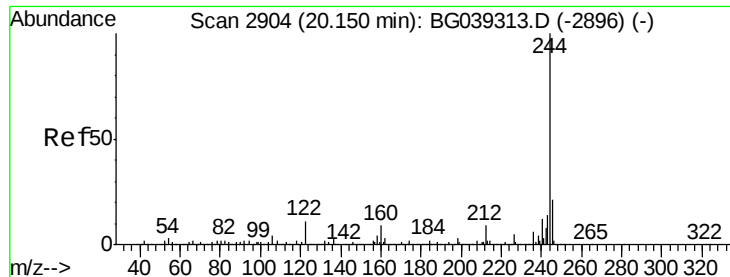


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.54 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

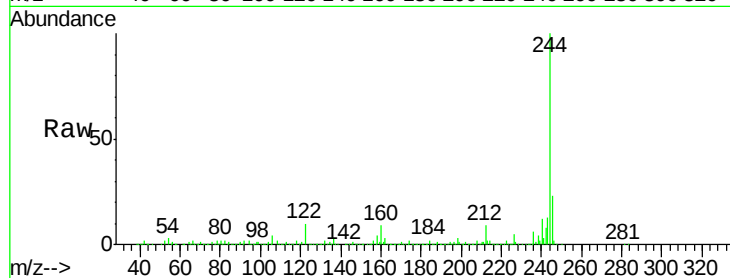
Tot Ion:244 Resp: 1497427

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

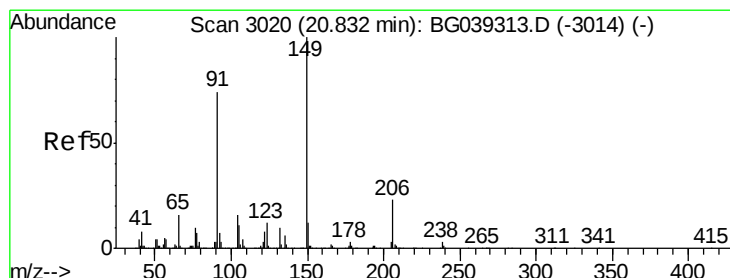
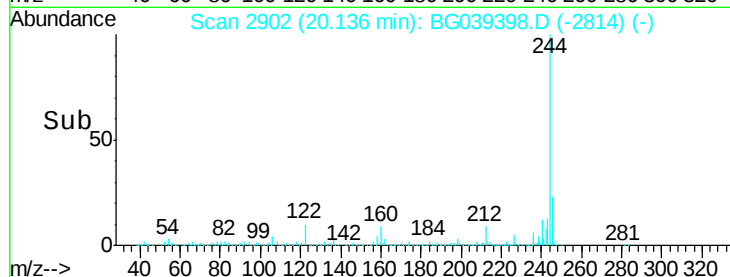
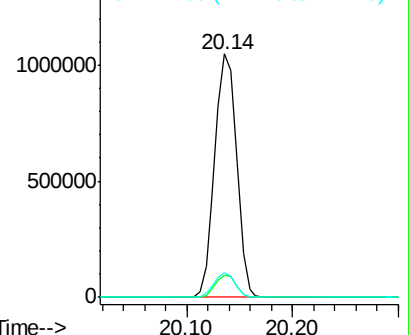
122 10.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.18 ng

RT: 20.82 min Scan# 3018

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

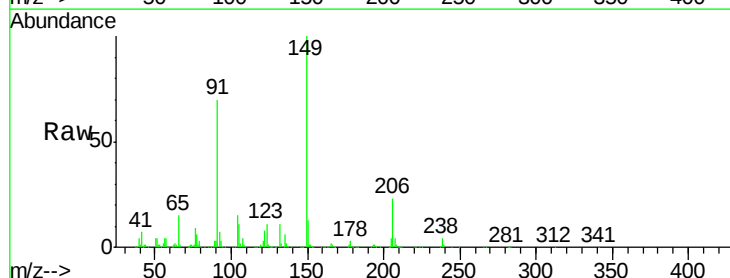
Tgt Ion:149 Resp: 441403

Ion Ratio Lower Upper

149 100

91 70.0 59.5 89.3

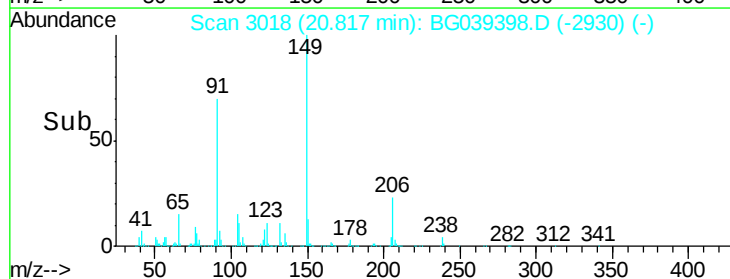
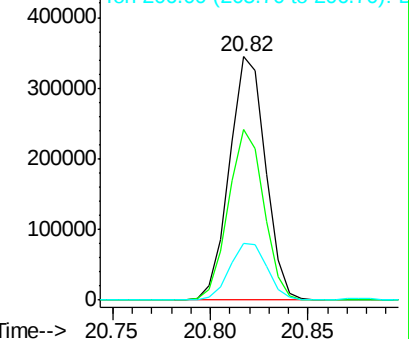
206 23.1 18.6 27.8

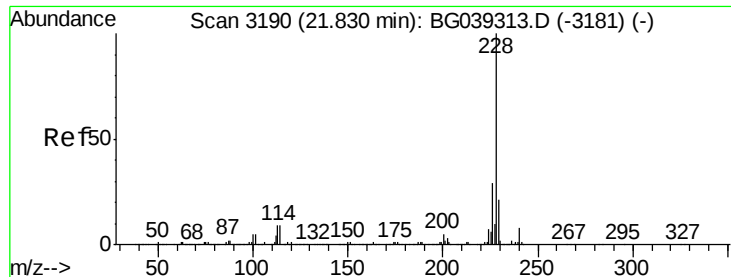


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.82 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Instrument :

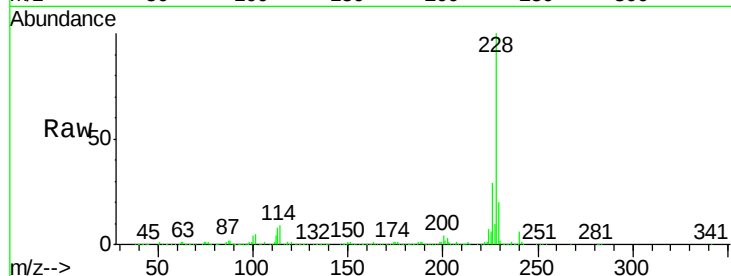
BNA_G

ClientSampleId :

98-WC-S-01-2-57MSD

Tot Ion:228 Resp: 1031844

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	20.4	16.9	25.3

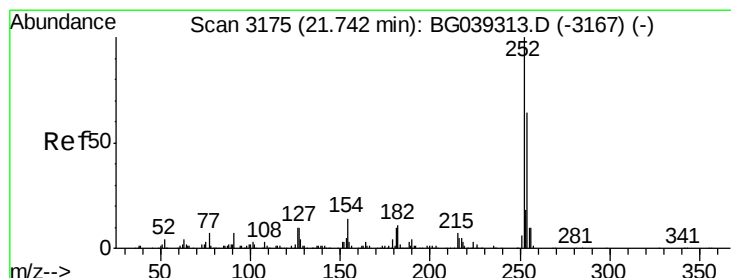
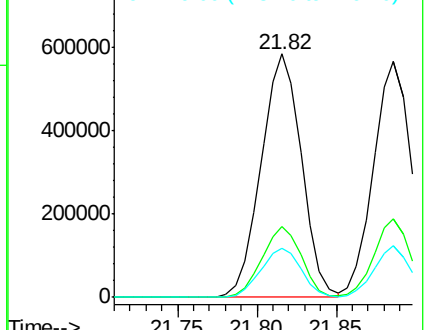
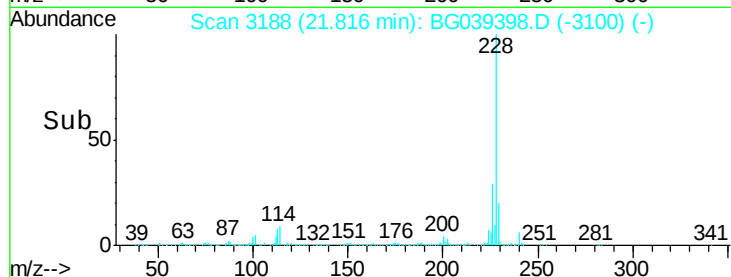


Abundance

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: 14.27 ng

RT: 21.73 min Scan# 3173

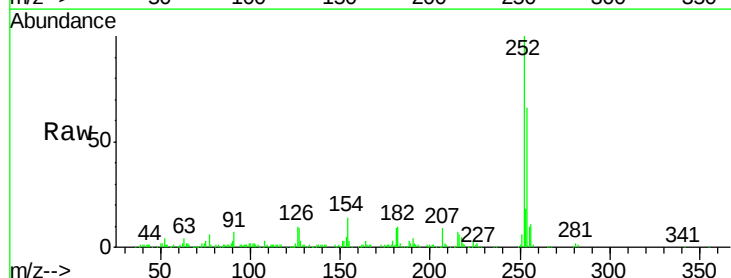
Delta R.T. -0.01 min

Lab File: BG039398.D

Acq: 8 Feb 2019 1:32

Tgt Ion:252 Resp: 124604

Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.3	76.9
126	10.0	8.0	12.0

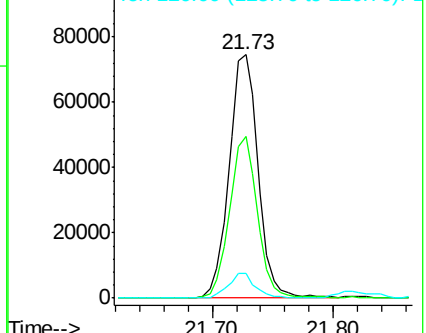
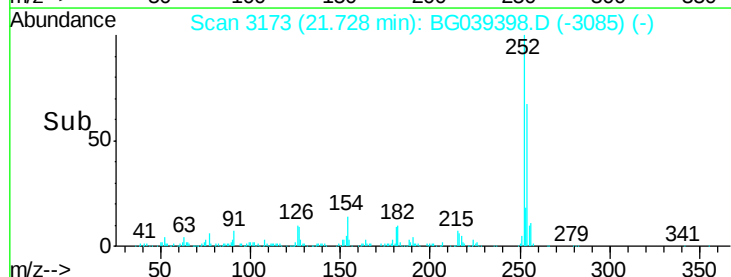


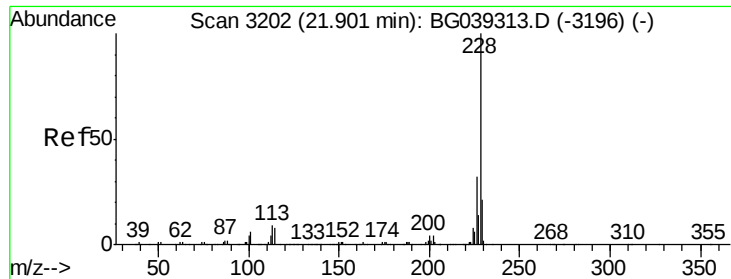
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

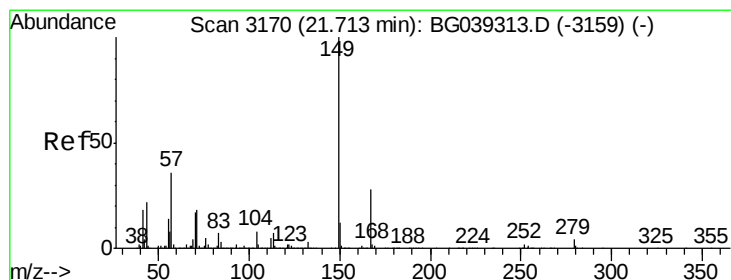
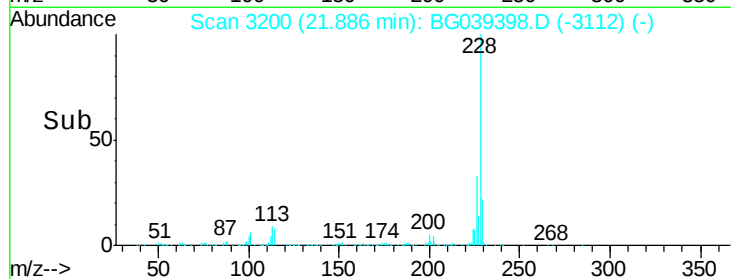
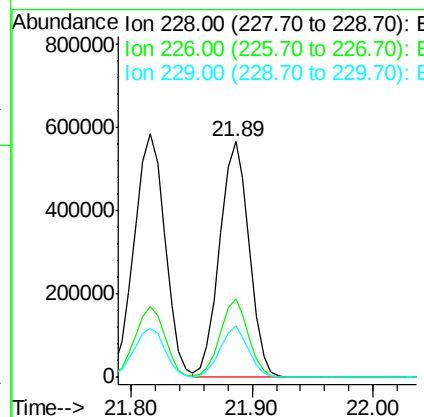
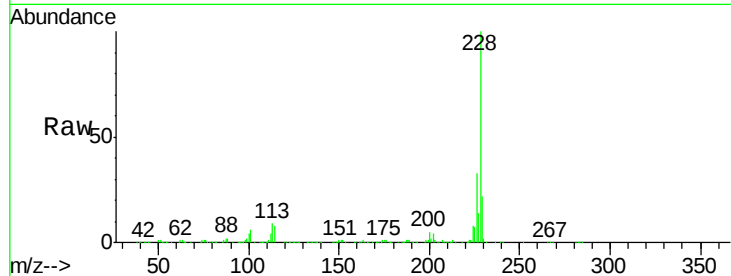




#83
 Chrysene
 Concen: 42.36 ng
 RT: 21.89 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

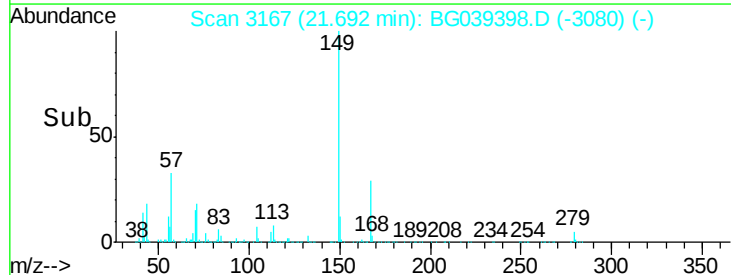
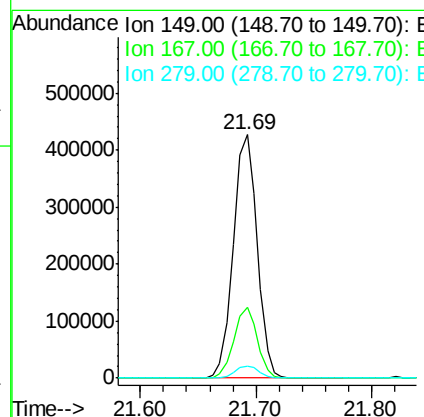
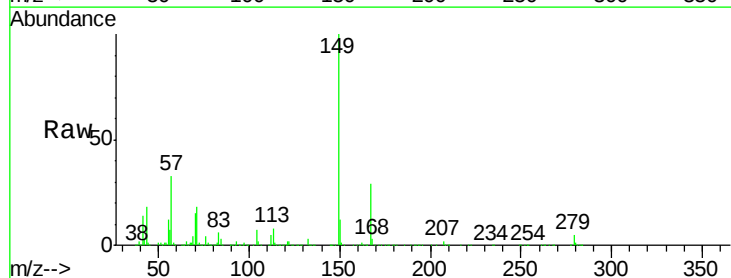
Instrument :
 BNA_G
 ClientSampleId :
 98-WC-S-01-2-57MSD

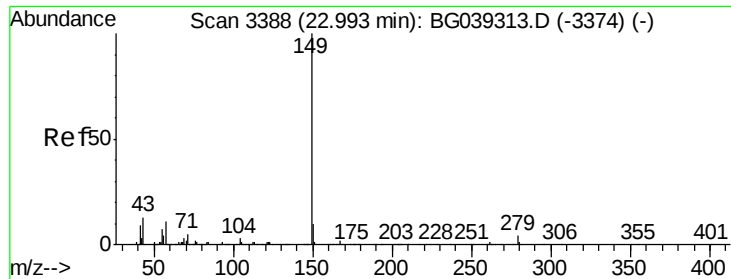
Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.8	38.6
229	21.7	16.6	25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.72 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.6	34.0
279	4.9	3.5	5.3

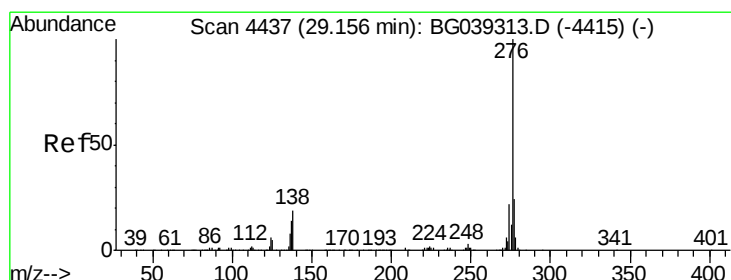
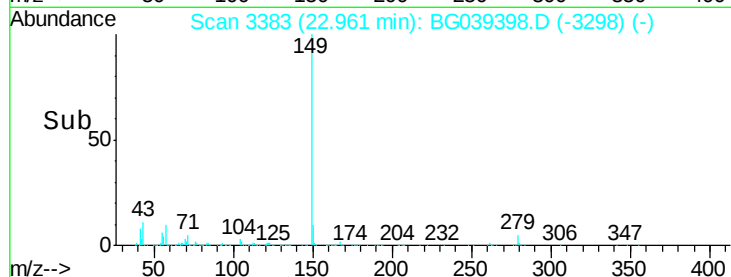
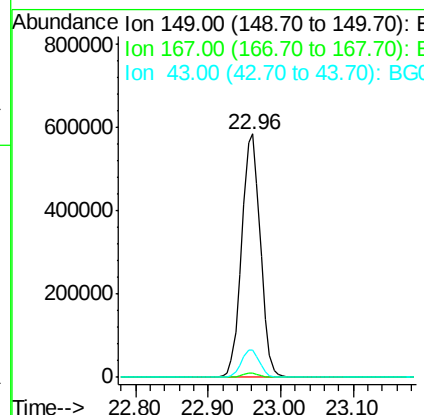
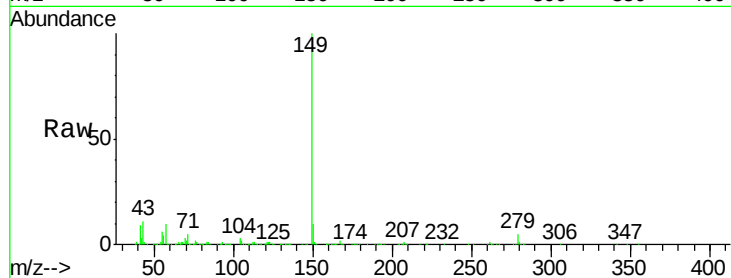




#85
Di-n-octyl phthalate
Concen: 42.28 ng
RT: 22.96 min Scan# 3383
Delta R.T. -0.03 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

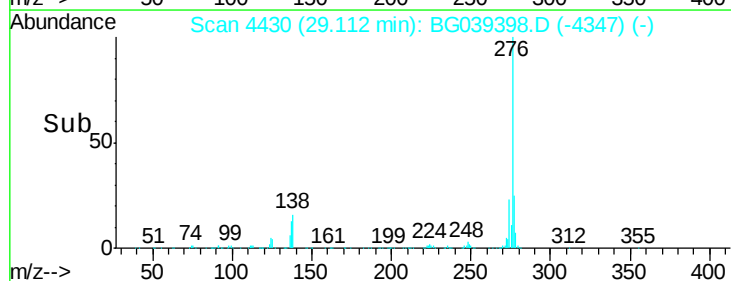
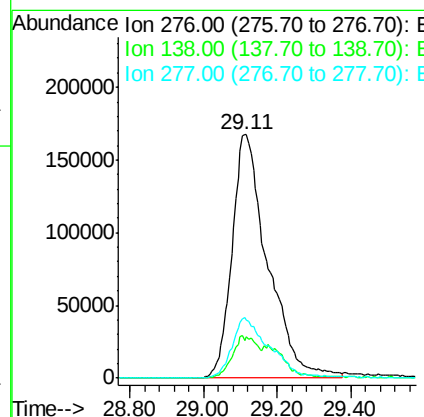
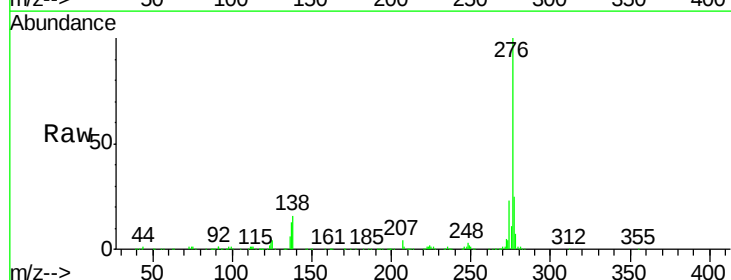
Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

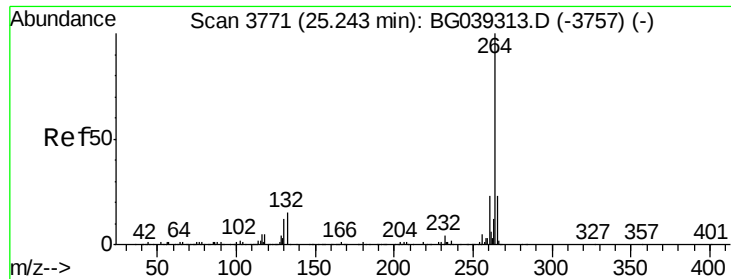
Tot Ion:149 Resp: 1042851
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.2 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.86 ng
RT: 29.11 min Scan# 4430
Delta R.T. -0.04 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion:276 Resp: 1126886
Ion Ratio Lower Upper
276 100
138 6.4 12.6 19.0#
277 25.4 20.8 31.2

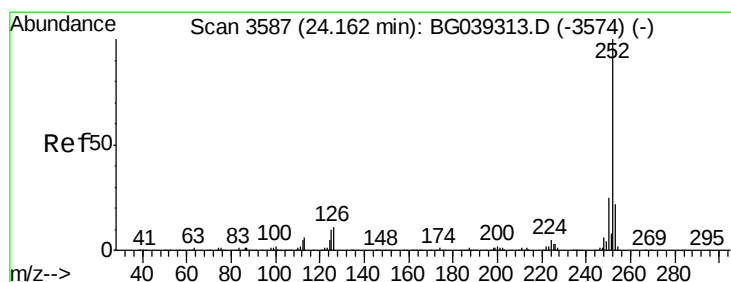
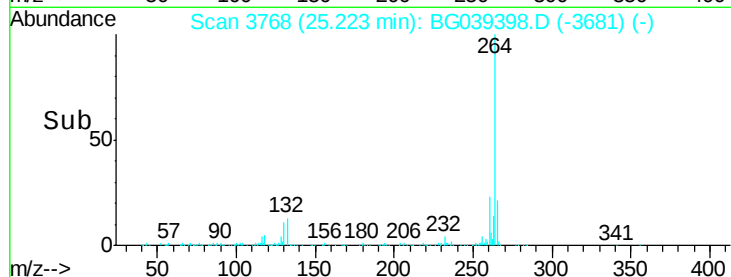
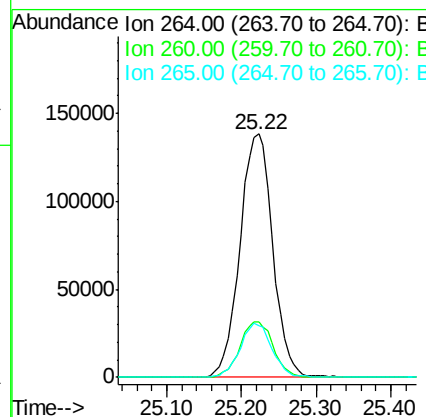
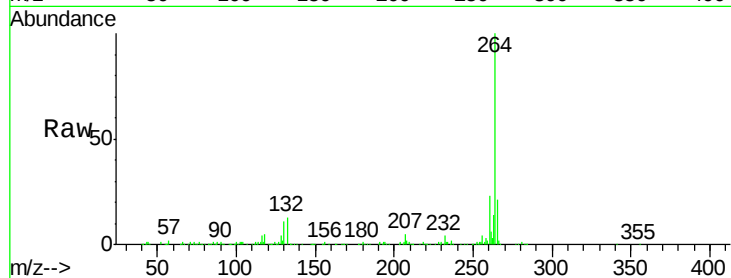




#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.22 min Scan# 3768
 Delta R.T. -0.02 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

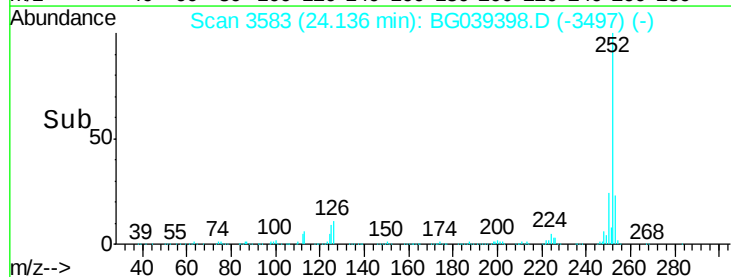
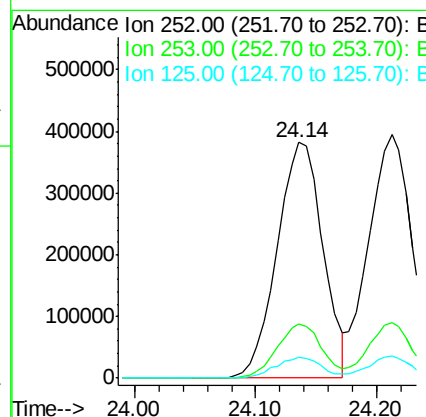
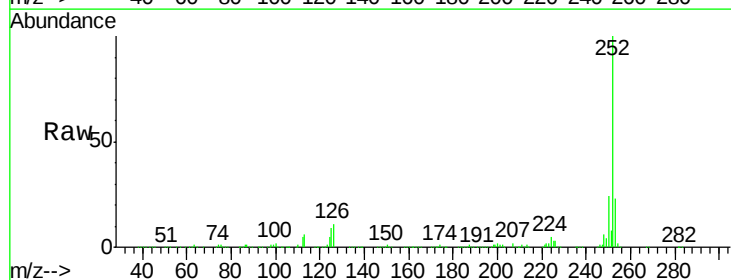
Instrument :
 BNA_G
 ClientSampleId :
 98-WC-S-01-2-57MSD

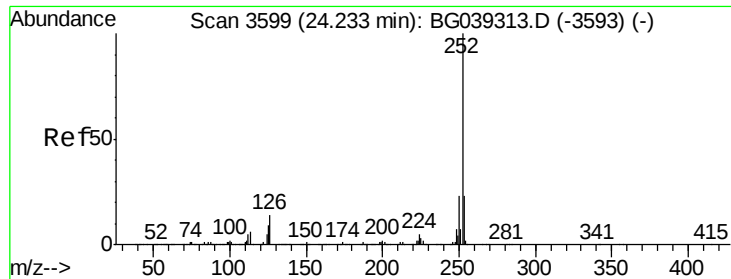
Tot Ion:264 Resp: 421601
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.4
 265 21.3 18.5 27.7



#88
 Benzo(b)fluoranthene
 Concen: 43.52 ng
 RT: 24.14 min Scan# 3583
 Delta R.T. -0.03 min
 Lab File: BG039398.D
 Acq: 8 Feb 2019 1:32

Tgt Ion:252 Resp: 1000541
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.8 26.8
 125 8.7 7.8 11.6

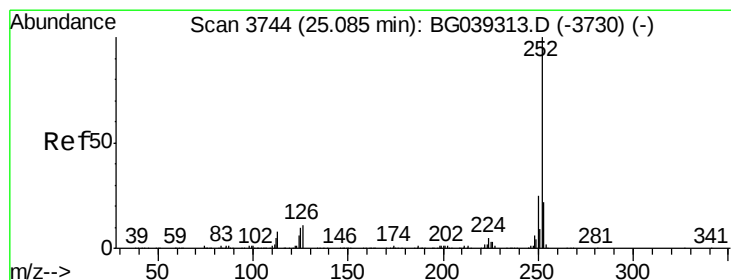
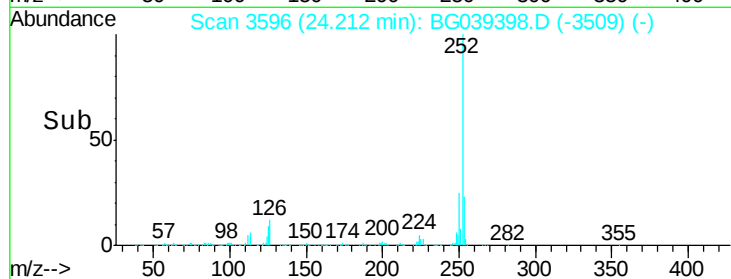
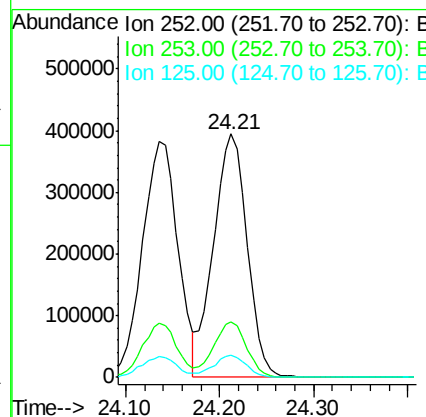
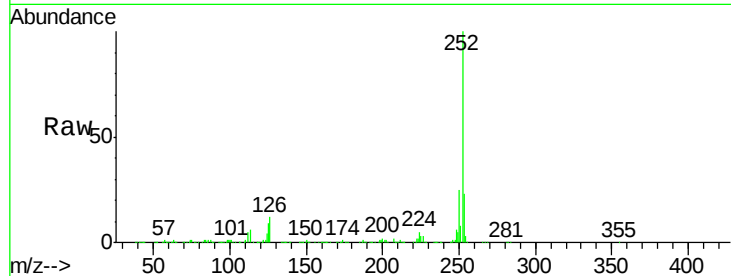




#89
Benzo(k)fluoranthene
Concen: 42.66 ng
RT: 24.21 min Scan# 3596
Delta R.T. -0.02 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

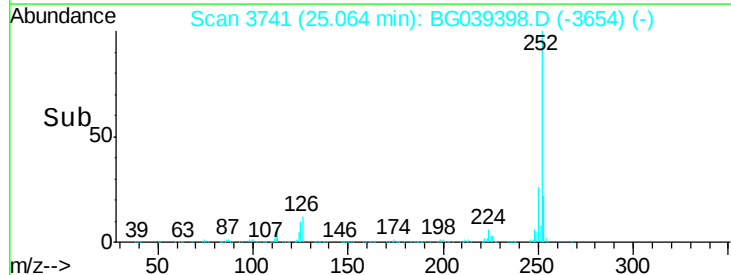
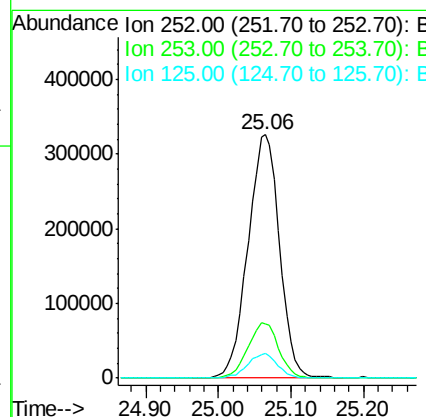
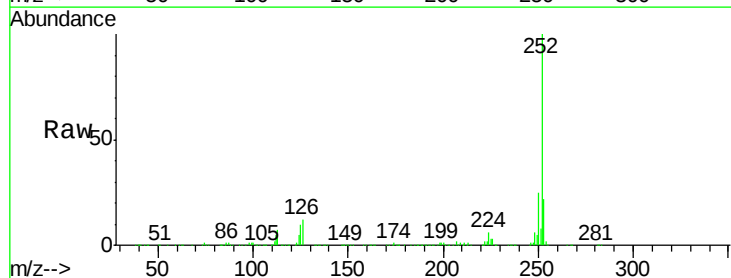
Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

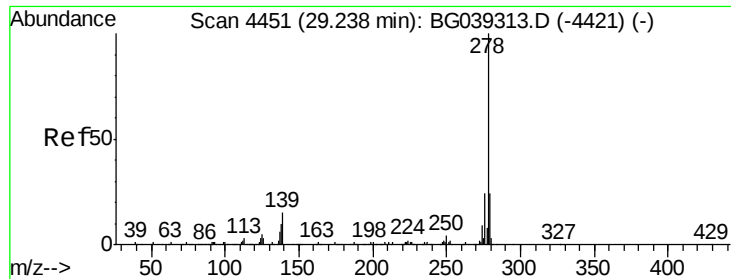
Tot Ion:252 Resp: 984712
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 44.31 ng
RT: 25.06 min Scan# 3741
Delta R.T. -0.02 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion:252 Resp: 981059
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.2 8.3 12.5

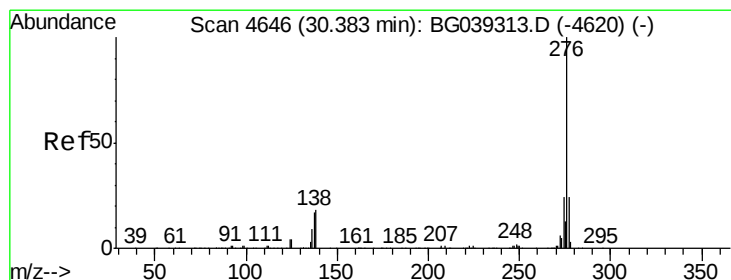
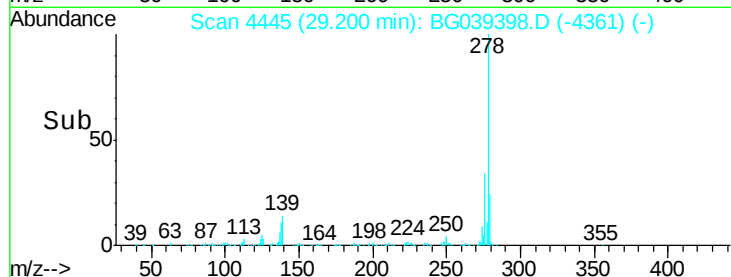
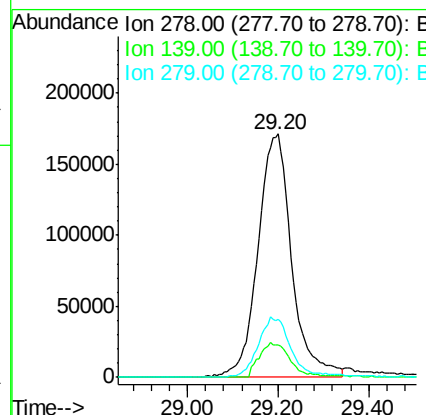
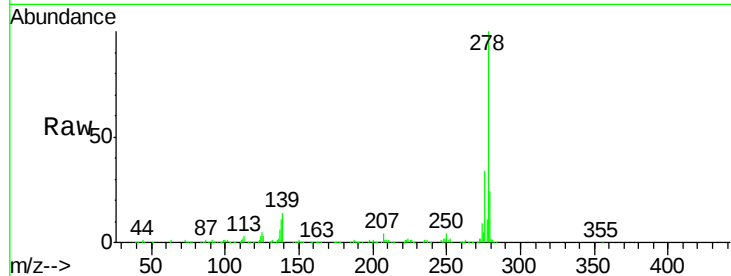




#91
Dibenzo(a,h)anthracene
Concen: 42.74 ng
RT: 29.20 min Scan# 4445
Delta R.T. -0.04 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MSD

Tot Ion:278 Resp: 886304
Ion Ratio Lower Upper
278 100
139 13.5 11.7 17.5
279 23.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.01 ng
RT: 30.35 min Scan# 4640
Delta R.T. -0.04 min
Lab File: BG039398.D
Acq: 8 Feb 2019 1:32

Tgt Ion:276 Resp: 909593
Ion Ratio Lower Upper
276 100
277 23.8 19.6 29.4
138 17.8 14.7 22.1

