

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
 Data File : BG039566.D
 Acq On : 19 Feb 2019 22:22
 Operator : JU/SJ
 Sample : K1528-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1MS

Quant Time: Feb 20 01:27:16 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	8.17	152	54572	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	239681	20.00	ng	-0.01
39) Acenaphthene-d10	14.79	164	164005	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	373200	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	351032	20.00	ng	-0.03
87) Perylene-d12	25.20	264	353636	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.73	112	149285	46.82	ng	0.00
7) Phenol-d6	7.32	99	132249	28.18	ng	0.00
23) Nitrobenzene-d5	9.35	82	329453	85.87	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	207445	117.46	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	817238	71.48	ng	-0.02
79) Terphenyl-d14	20.12	244	1130324	68.16	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	15481	11.100	ng	# 82
3) Pyridine	4.01	79	42061	11.390	ng	96
4) n-Nitrosodimethylamine	3.93	42	26790	14.506	ng	96
6) Aniline	7.49	93	67017	11.400	ng	96
8) 2-Chlorophenol	7.73	128	94719	27.176	ng	92
9) Benzaldehyde	7.31	77	281713	Below Cal		# 1
10) Phenol	7.34	94	48632	9.940	ng	95
11) bis(2-Chloroethyl)ether	7.59	93	111764	28.909	ng	99
12) 1,3-Dichlorobenzene	8.06	146	120721	28.592	ng	100
13) 1,4-Dichlorobenzene	8.20	146	124160	29.503	ng	96
14) 1,2-Dichlorobenzene	8.53	146	116415	28.575	ng	98
15) Benzyl Alcohol	8.41	79	68799	18.671	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	231483	26.515	ng	75
17) 2-Methylphenol	8.60	107	73565	23.235	ng	93
18) Hexachloroethane	9.27	117	253486	175.076	ng	# 1
19) n-Nitroso-di-n-propylamine	8.97	70	98154	29.465	ng	95
20) 3+4-Methylphenols	8.93	107	94436	21.660	ng	95
22) Acetophenone	9.00	105	181768	28.233	ng	# 95
24) Nitrobenzene	9.39	77	176240	42.520	ng	94
25) Isophorone	9.90	82	278183	32.720	ng	99
26) 2-Nitrophenol	10.10	139	68238	43.534	ng	94
27) 2,4-Dimethylphenol	10.14	122	112929	32.835	ng	99
28) bis(2-Chloroethoxy)methane	10.39	93	161524	30.844	ng	97
29) 2,4-Dichlorophenol	10.63	162	117644	31.298	ng	99
30) 1,2,4-Trichlorobenzene	10.85	180	134394	31.846	ng	98
31) Naphthalene	11.05	128	3128071	263.075	ng	# 86
32) Benzoic acid	10.30	122	175307	72.233	ng	# 86
33) 4-Chloroaniline	11.15	127	40632	7.370	ng	96
34) Hexachlorobutadiene	11.30	225	86609	30.860	ng	92
36) 4-Chloro-3-methylphenol	12.25	107	123024	28.300	ng	95
37) 2-Methylnaphthalene	12.63	142	931532	105.775	ng	98
38) 1-Methylnaphthalene	12.85	142	550164	64.807	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	164214	31.470	ng	99
41) Hexachlorocyclopentadiene	12.96	237	180635	63.527	ng	100

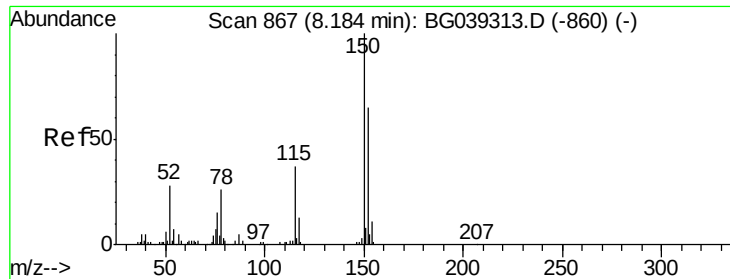
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.23	196	110815	34.539	ng	95
44) 2,4,5-Trichlorophenol	13.30	196	117339	34.895	ng	98
46) 1,1'-Biphenyl	13.63	154	412019	30.194	ng	99
47) 2-Chloronaphthalene	13.67	162	313072	30.498	ng	98
48) 2-Nitroaniline	13.89	65	107508	38.453	ng	93
49) Acenaphthylene	14.52	152	504157	32.548	ng	98
50) Dimethylphthalate	14.24	163	411307	31.052	ng	99
51) 2,6-Dinitrotoluene	14.37	165	90974	38.286	ng	93
52) Acenaphthene	14.85	154	303656	30.201	ng	98
53) 3-Nitroaniline	14.70	138	23398	13.495	ng	# 95
54) 2,4-Dinitrophenol	14.91	184	88764	80.711	ng	91
55) Dibenzofuran	15.19	168	503713	31.246	ng	99
56) 4-Nitrophenol	15.00	139	49200	24.849	ng	# 81
57) 2,4-Dinitrotoluene	15.15	165	126992	41.344	ng	89
58) Fluorene	15.84	166	390427	32.488	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	113211	35.957	ng	98
60) Diethylphthalate	15.59	149	418456	30.555	ng	98
61) 4-Chlorophenyl-phenylether	15.82	204	206350	30.325	ng	94
62) 4-Nitroaniline	15.86	138	84258	31.882	ng	93
63) Azobenzene	16.11	77	371985	27.790	ng	99
65) 4,6-Dinitro-2-methylphenol	15.91	198	64185	44.869	ng	97
66) n-Nitrosodiphenylamine	16.04	169	360169	31.739	ng	98
67) 4-Bromophenyl-phenylether	16.72	248	133132	32.156	ng	93
68) Hexachlorobenzene	16.83	284	135884	32.712	ng	97
69) Atrazine	16.98	200	122823	29.618	ng	98
70) Pentachlorophenol	17.17	266	161268	55.859	ng	98
71) Phenanthrene	17.58	178	626967	32.459	ng	99
72) Anthracene	17.67	178	639796	33.627	ng	99
73) Carbazole	17.94	167	555147	29.237	ng	98
74) Di-n-butylphthalate	18.47	149	669069	30.204	ng	99
75) Fluoranthene	19.58	202	708976	31.623	ng	99
78) Pyrene	19.94	202	719514	32.926	ng	99
80) Butylbenzylphthalate	20.81	149	303946	32.972	ng	97
81) Benzo(a)anthracene	21.80	228	695557	33.533	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	18686	2.430	ng	# 97
83) Chrysene	21.87	228	656347	33.241	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	427247	32.487	ng	99
85) Di-n-octyl phthalate	22.93	149	724511	33.346	ng	97
86) Indeno(1,2,3-cd)pyrene	29.07	276	705712	33.312	ng	98
88) Benzo(b)fluoranthene	24.12	252	642497	33.315	ng	98
89) Benzo(k)fluoranthene	24.19	252	635237	32.808	ng	99
90) Benzo(a)pyrene	25.04	252	635022	34.189	ng	100
91) Dibenzo(a,h)anthracene	29.15	278	554374	31.871	ng	99
92) Benzo(g,h,i)perylene	30.30	276	596533	34.408	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

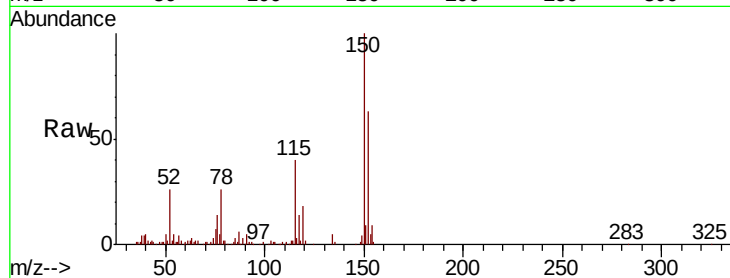
Tot Ion:152 Resp: 54572

Ion Ratio Lower Upper

152 100

150 159.4 123.7 185.5

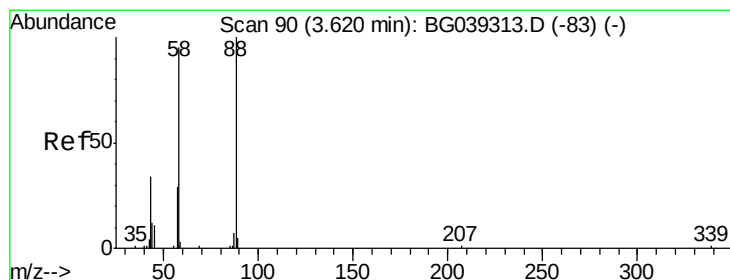
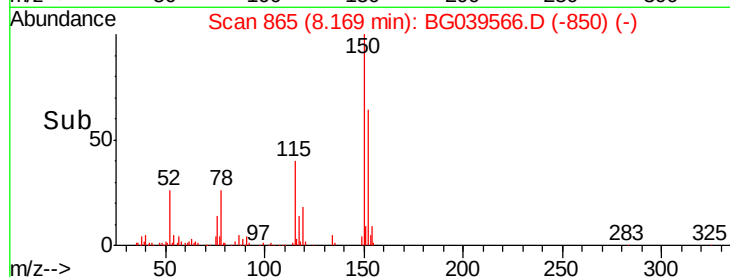
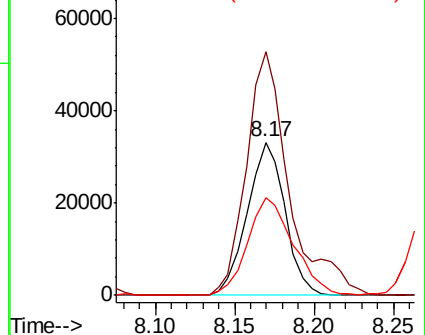
115 63.7 45.9 68.9



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: 11.100 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

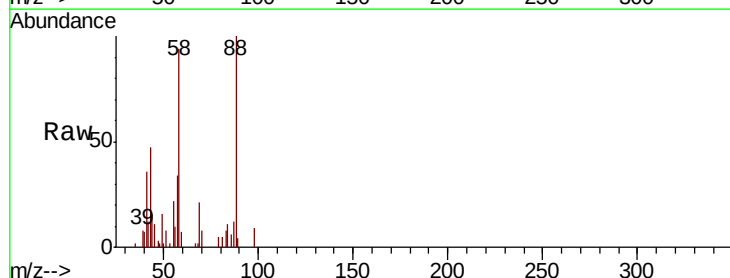
Tgt Ion: 88 Resp: 15481

Ion Ratio Lower Upper

88 100

58 84.4 81.1 121.7

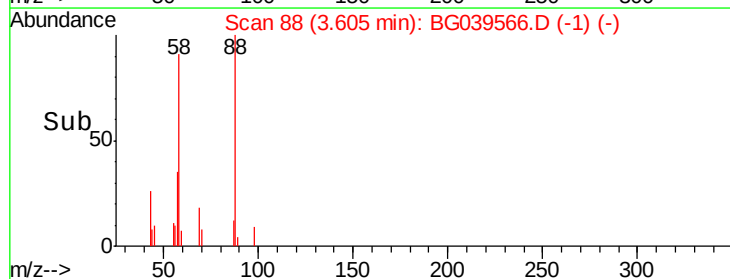
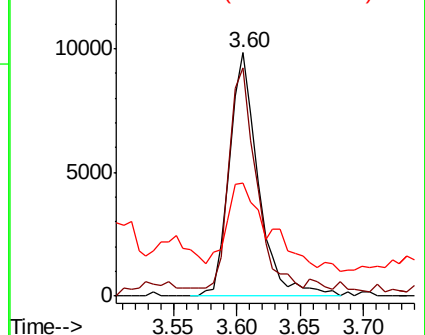
43 52.7 31.4 47.0#

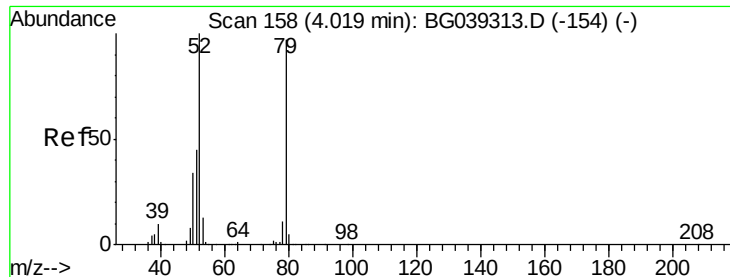


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 11.390 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampled :

MW-1MS

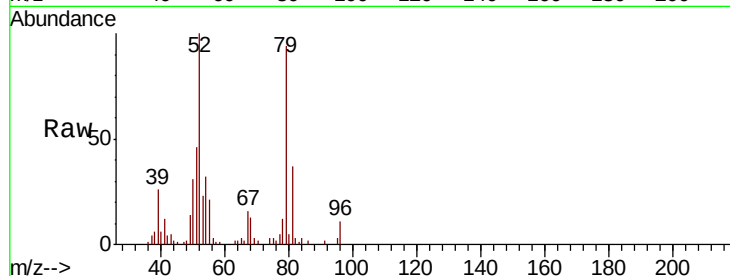
Tot Ion: 79 Resp: 42061

Ion Ratio Lower Upper

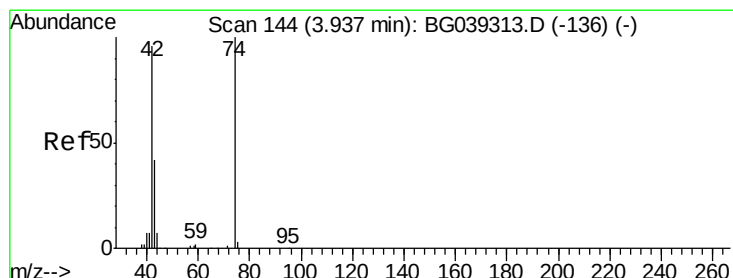
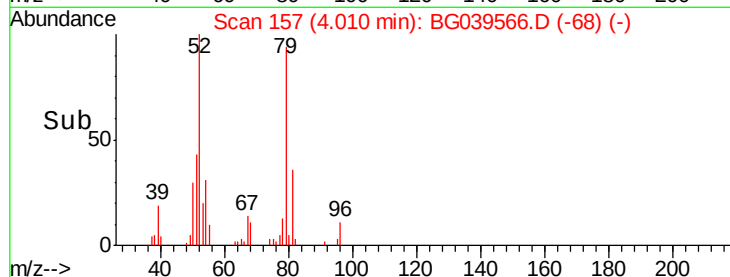
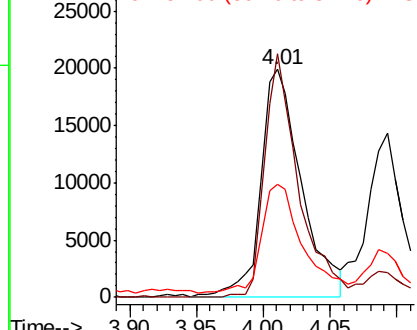
79 100

52 106.8 82.6 124.0

51 49.6 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: 14.506 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

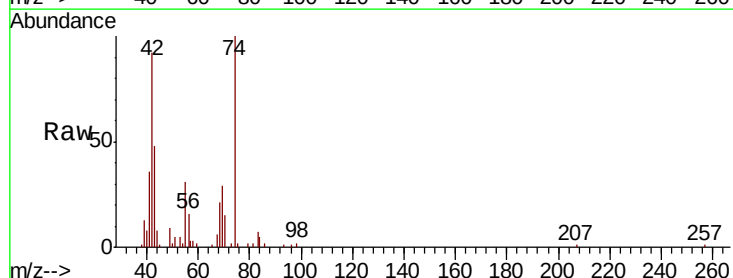
Tgt Ion: 42 Resp: 26790

Ion Ratio Lower Upper

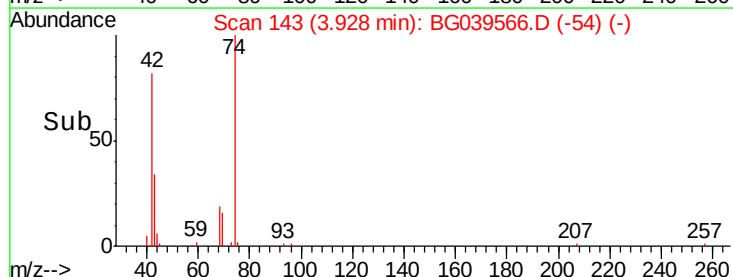
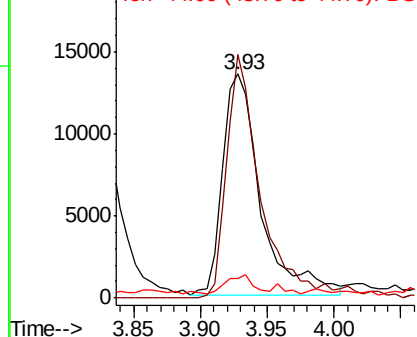
42 100

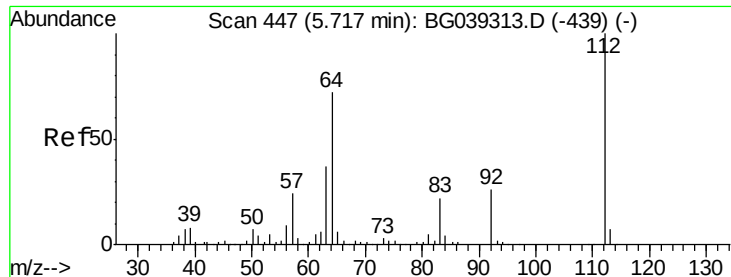
74 108.6 83.6 125.4

44 8.5 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: 46.819 ng

RT: 5.73 min Scan# 449

Delta R.T. 0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

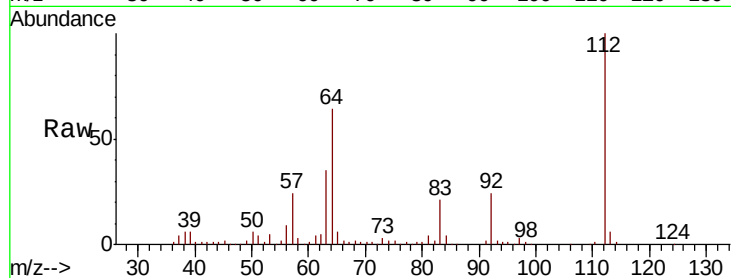
Tot Ion:112 Resp: 149285

Ion Ratio Lower Upper

112 100

64 63.8 57.8 86.8

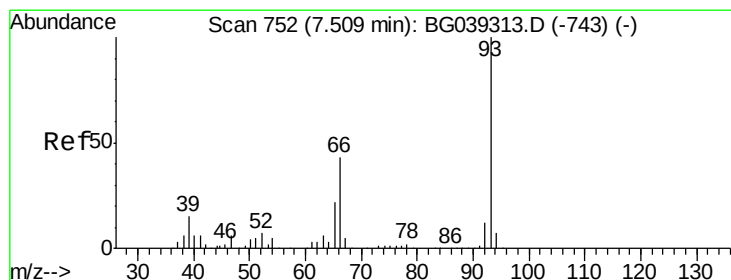
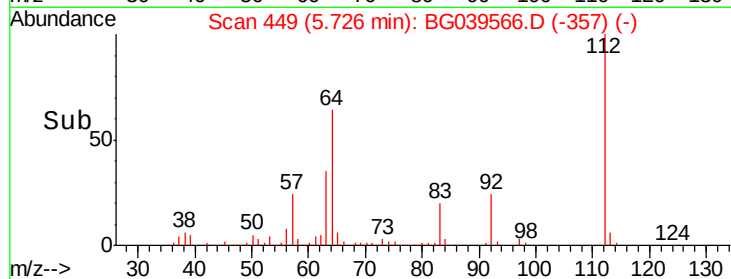
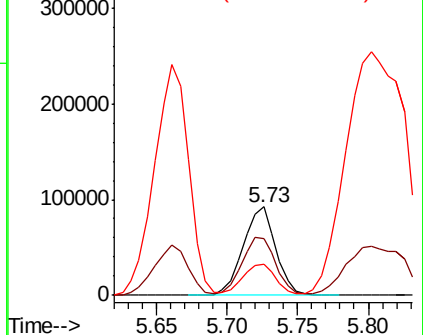
63 35.2 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.400 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

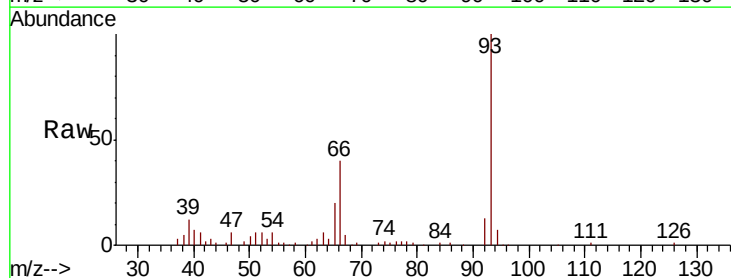
Tgt Ion: 93 Resp: 67017

Ion Ratio Lower Upper

93 100

66 40.2 34.2 51.4

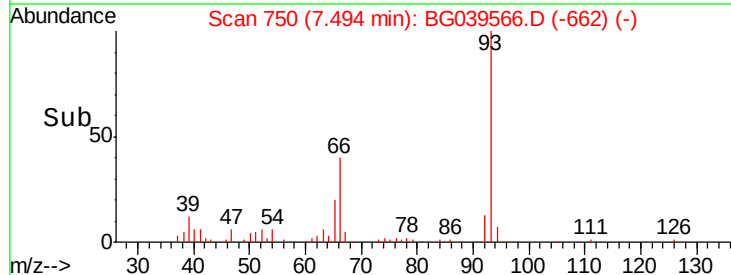
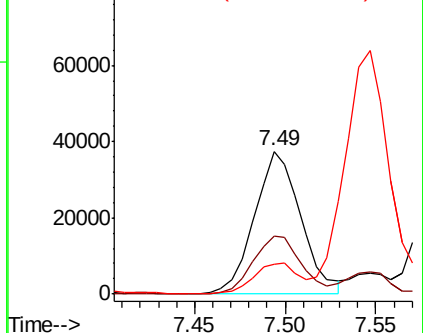
65 20.5 17.7 26.5

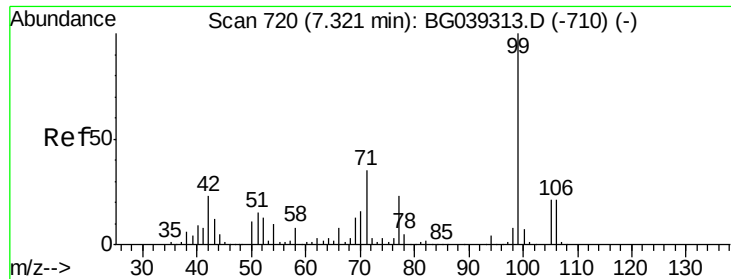


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 28.177 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

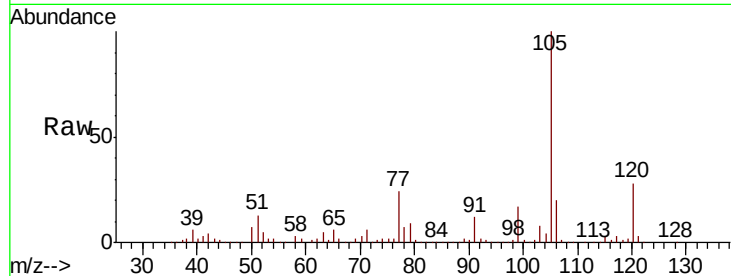
Tot Ion: 99 Resp: 132249

Ion Ratio Lower Upper

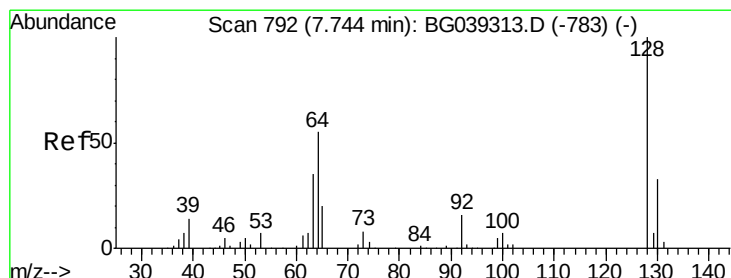
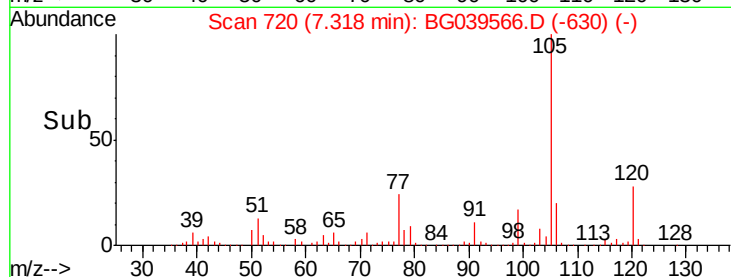
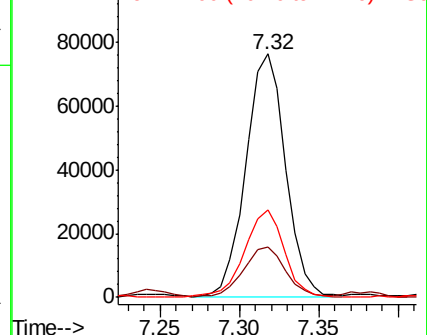
99 100

42 20.5 18.2 27.2

71 36.0 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: 27.176 ng

RT: 7.73 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

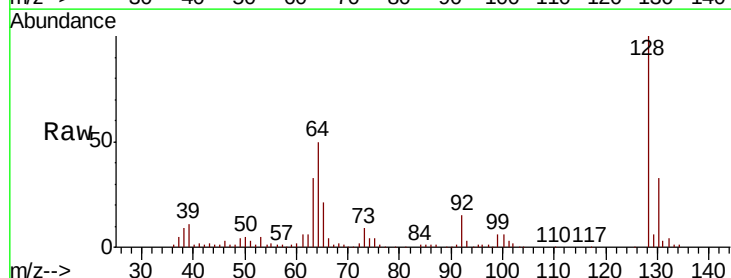
Tgt Ion: 128 Resp: 94719

Ion Ratio Lower Upper

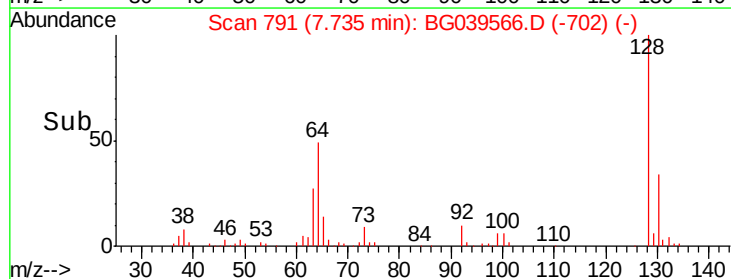
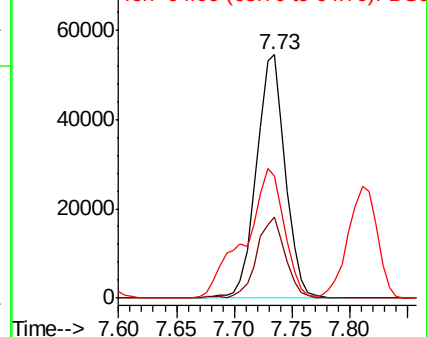
128 100

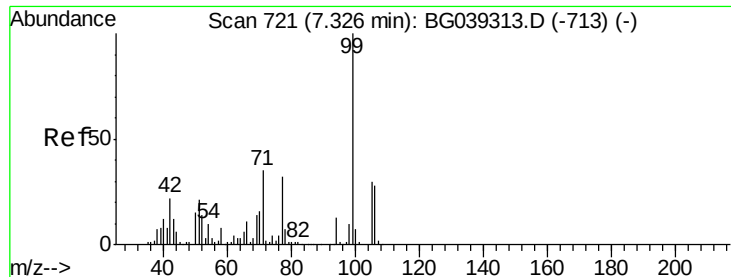
130 33.5 12.9 52.9

64 50.2 38.7 78.7



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





#9

Benzaldehyde

Concen: Below Cal

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampled :

MW-1MS

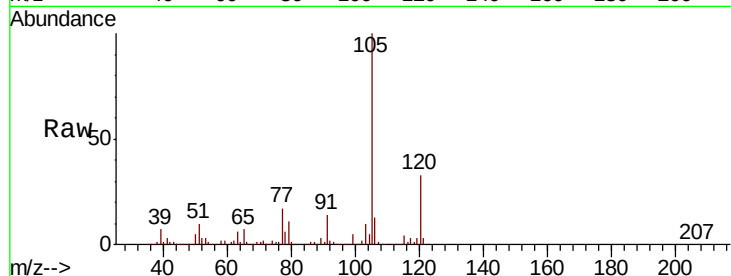
Tot Ion: 77 Resp: 281713

Ion Ratio Lower Upper

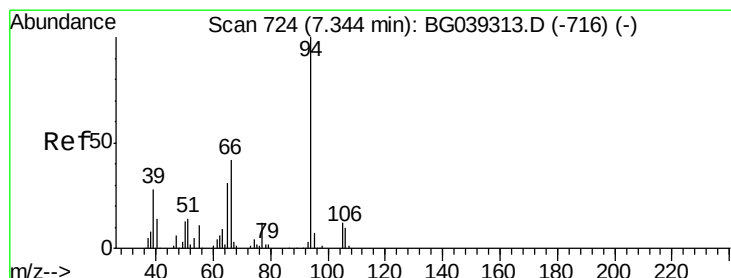
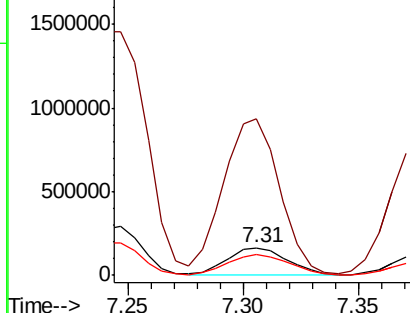
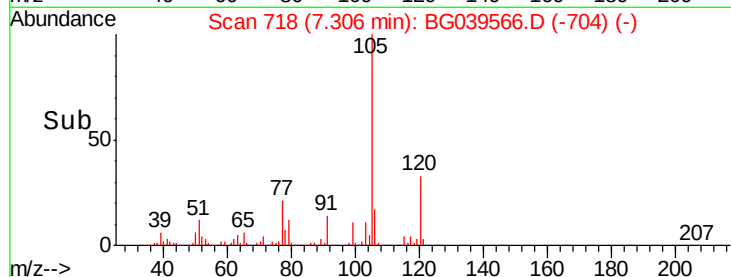
77 100

105 574.4 74.5 114.5#

106 77.4 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: 9.940 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

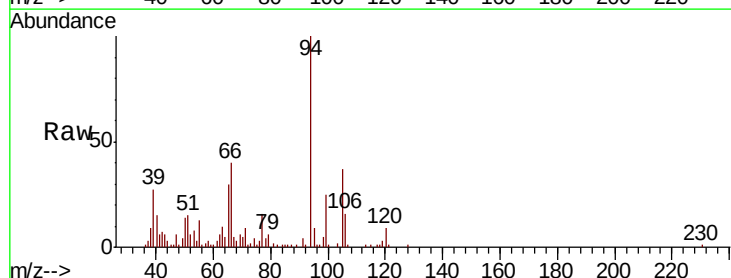
Tgt Ion: 94 Resp: 48632

Ion Ratio Lower Upper

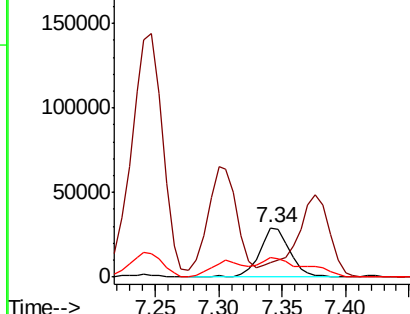
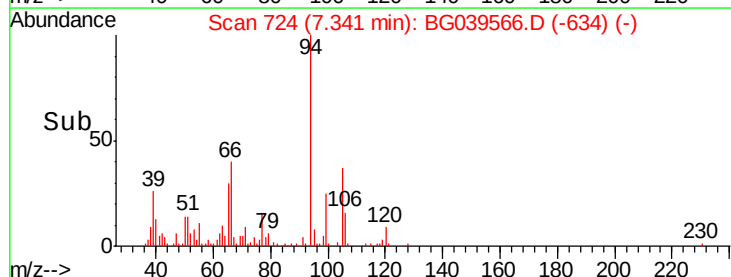
94 100

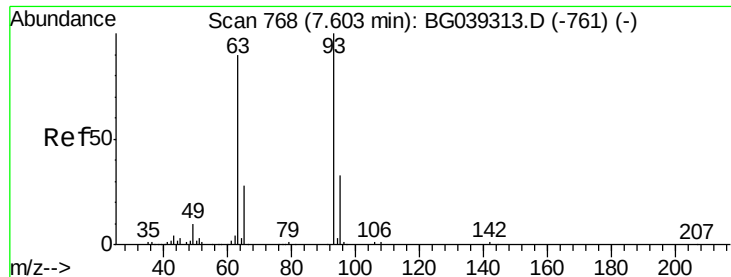
65 30.2 11.7 51.7

66 39.7 23.7 63.7



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





#11

bis(2-Chloroethyl)ether

Concen: 28.909 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

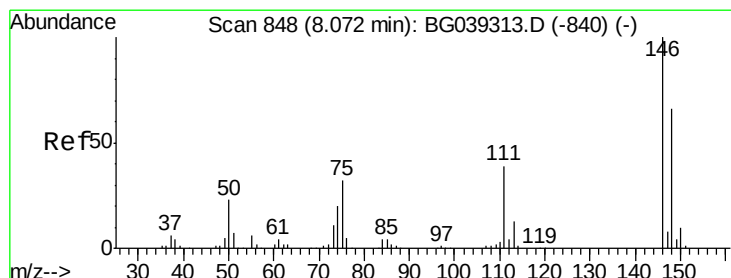
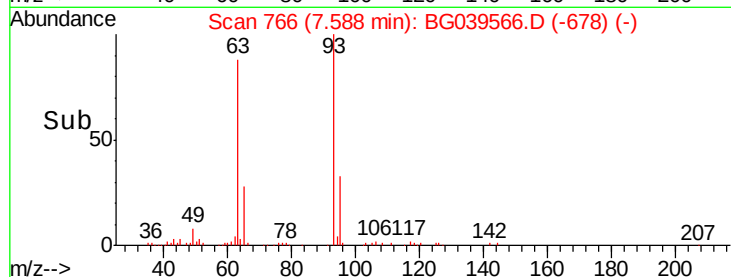
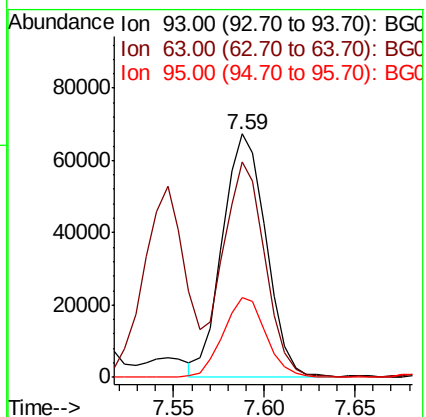
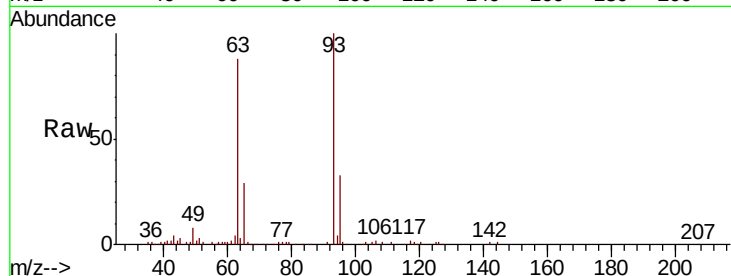
Tot Ion: 93 Resp: 111764

Ion Ratio Lower Upper

93 100

63 88.3 69.5 109.5

95 33.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 28.592 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

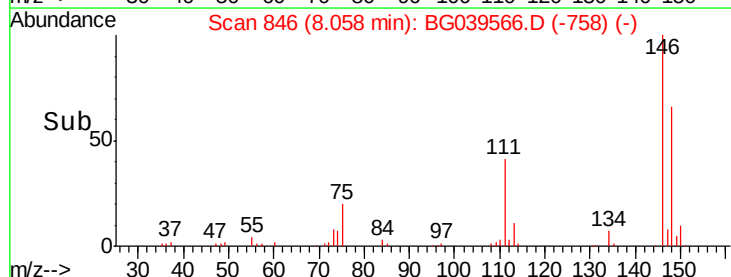
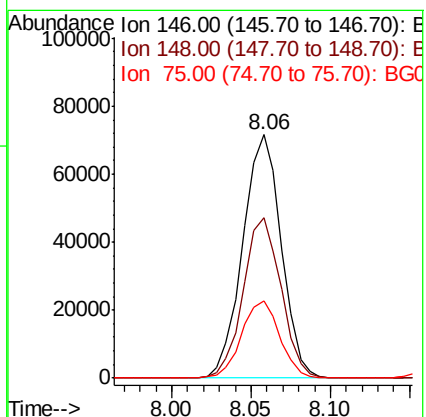
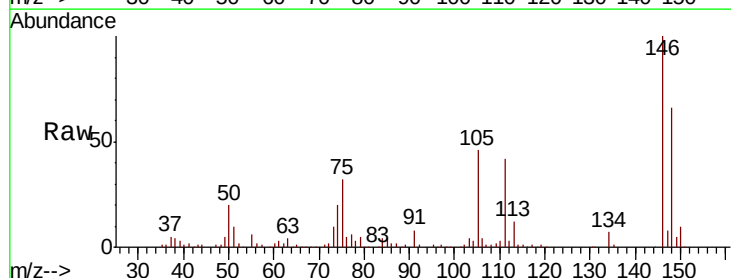
Tgt Ion: 146 Resp: 120721

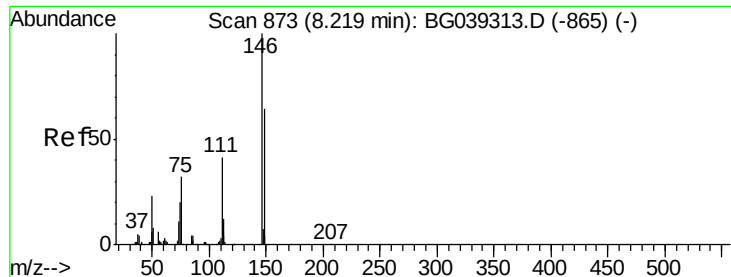
Ion Ratio Lower Upper

146 100

148 66.1 52.6 79.0

75 31.9 25.8 38.6

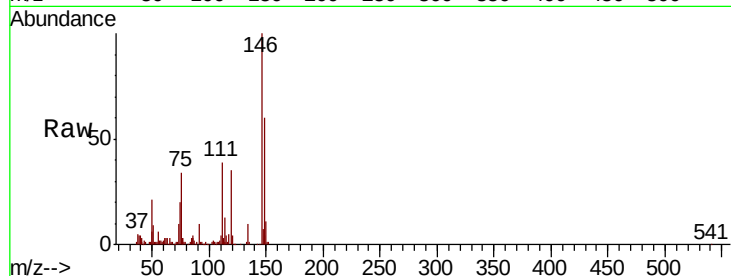




#13
 1,4-Dichlorobenzene
 Concen: 29.503 ng
 RT: 8.20 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039566.D
 Acq: 19 Feb 2019 22:22

Instrument :
 BNA_G
 ClientSampleId :
 MW-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.4	51.1	76.7
111	39.1	32.6	48.8

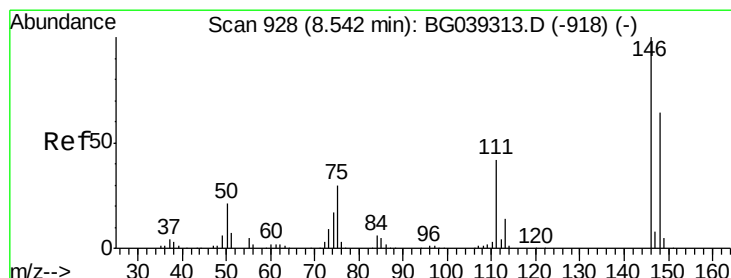
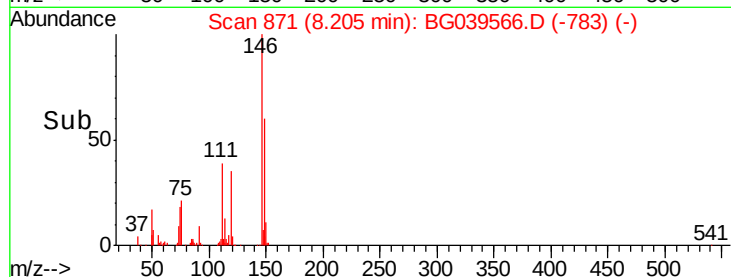
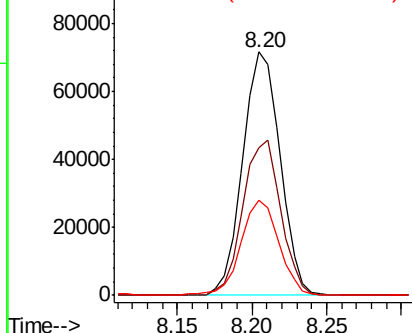


Abundance

Ion 146.00 (145.70 to 146.70): E

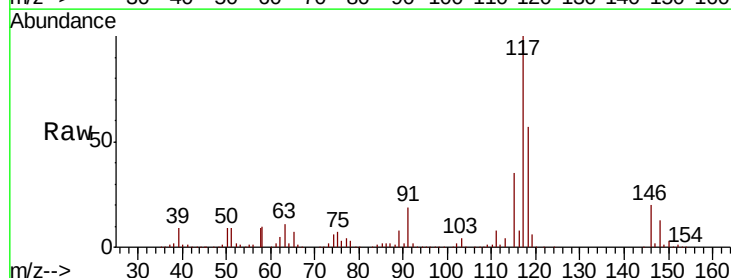
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 28.575 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BG039566.D
 Acq: 19 Feb 2019 22:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.5	77.3
111	40.9	33.8	50.6

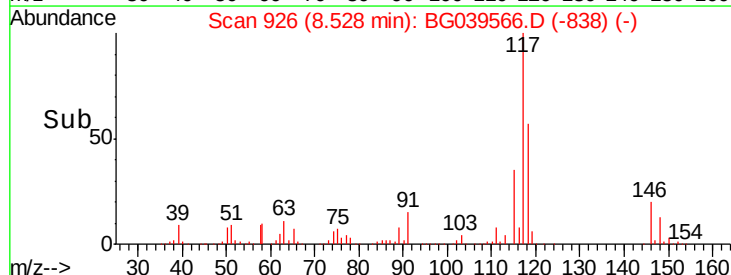
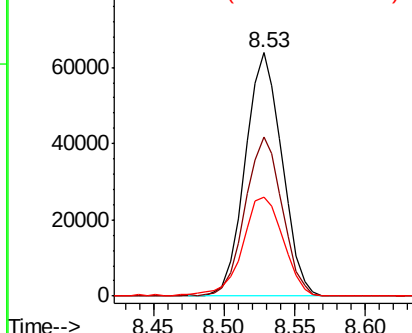


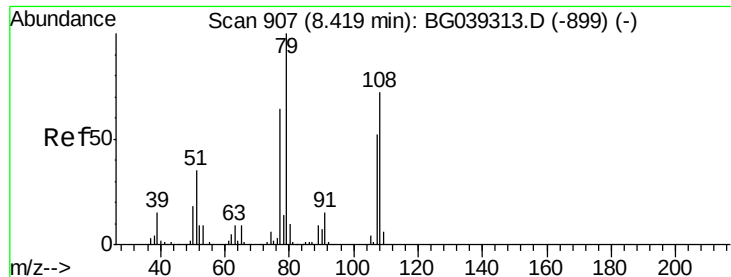
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 18.671 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

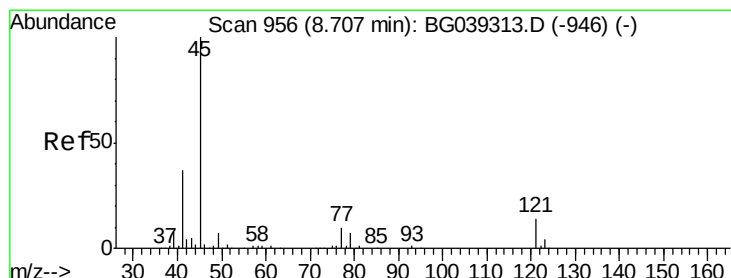
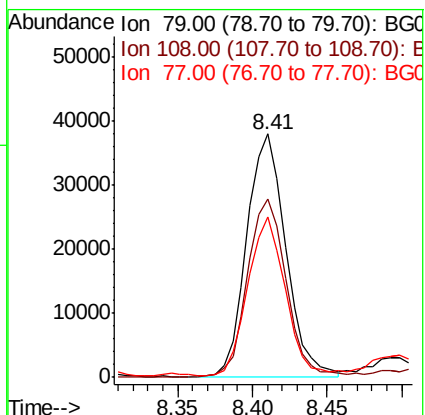
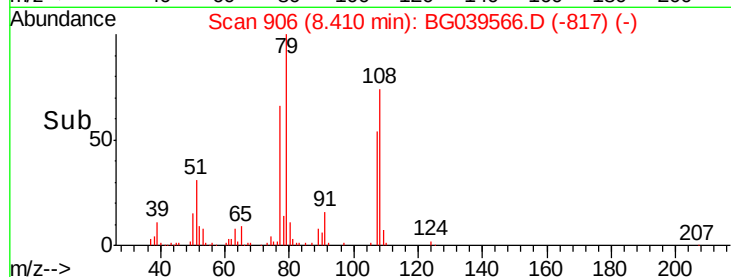
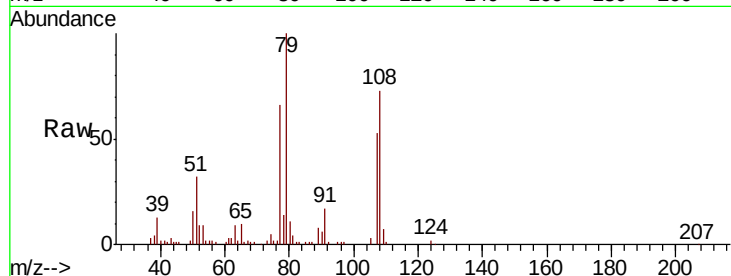
Tot Ion: 79 Resp: 68799

Ion Ratio Lower Upper

79 100

108 73.0 57.8 86.6

77 66.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.515 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

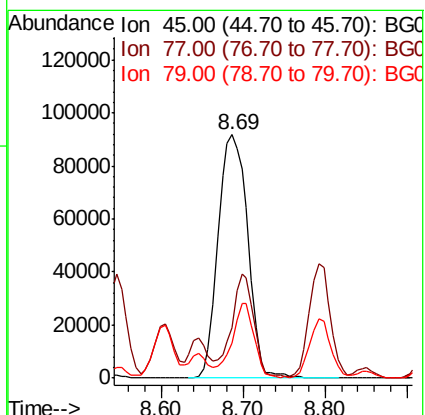
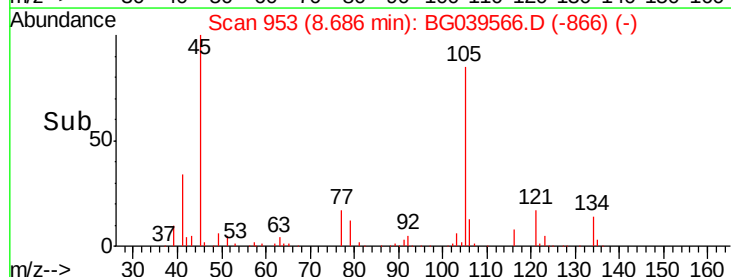
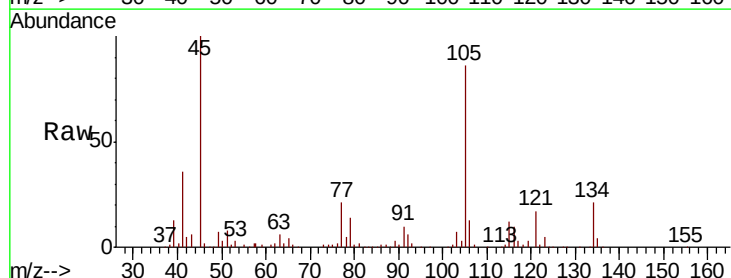
Tgt Ion: 45 Resp: 231483

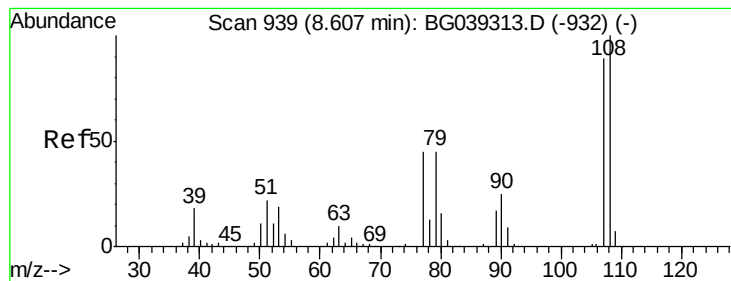
Ion Ratio Lower Upper

45 100

77 20.9 0.0 30.0

79 14.2 0.0 27.5

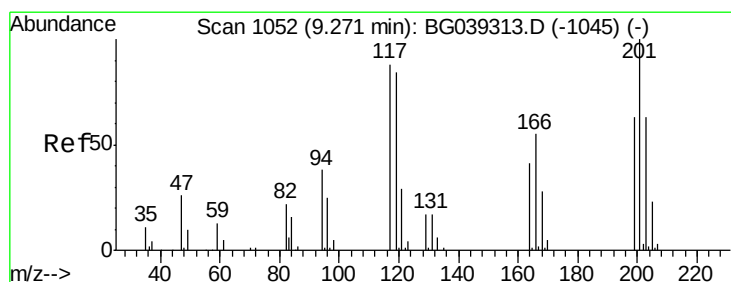
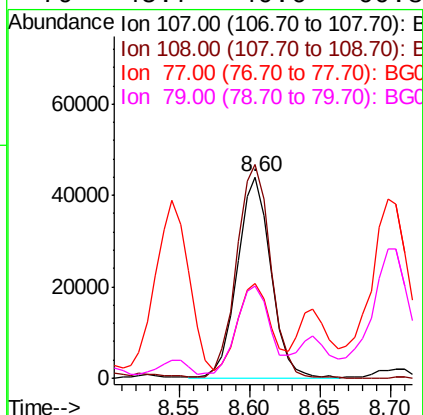
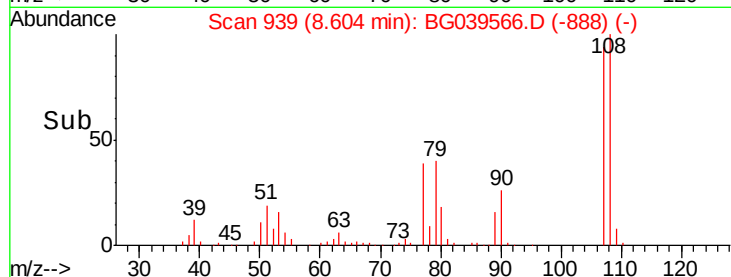
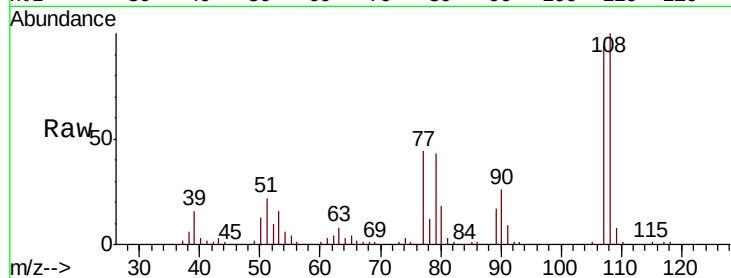




#17
2-Methylphenol
Concen: 23.235 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

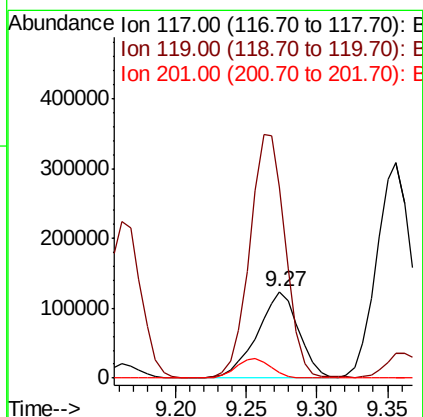
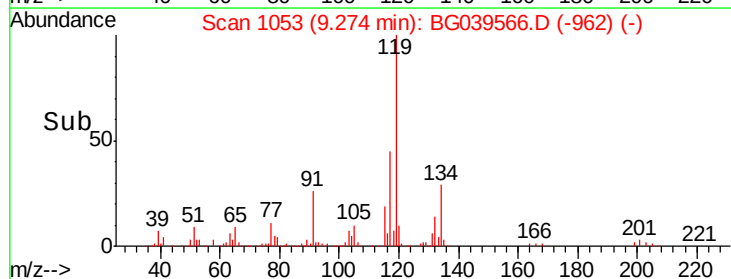
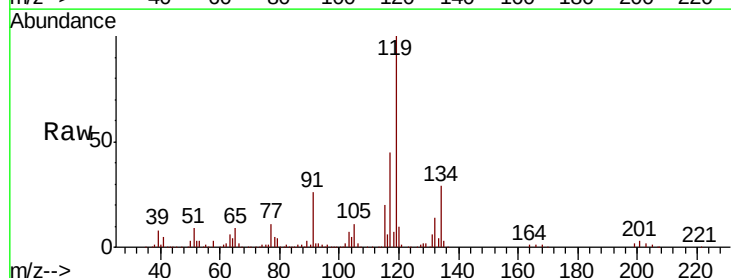
Instrument :
BNA_G
ClientSampleId :
MW-1MS

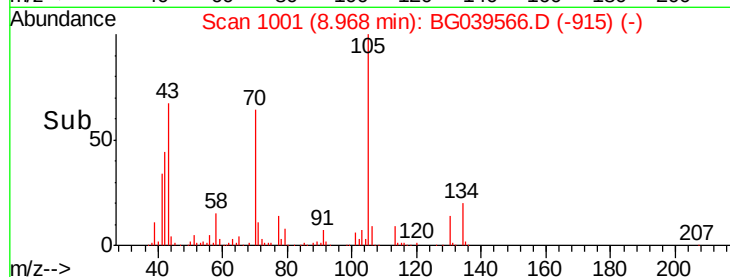
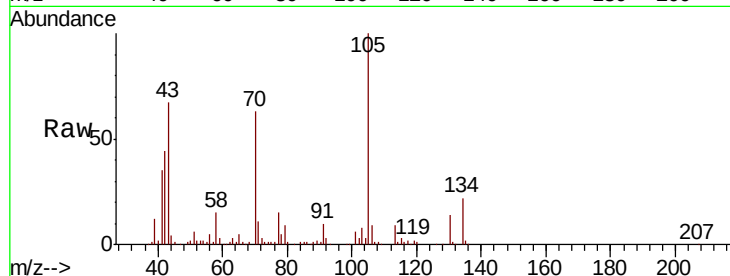
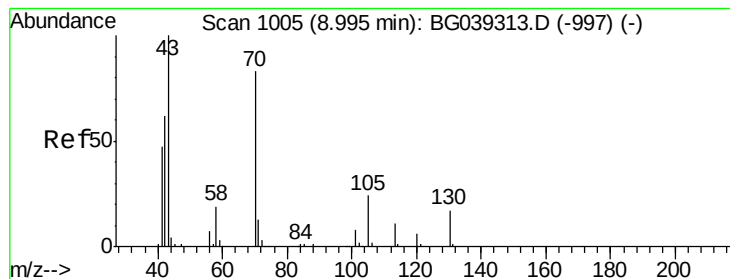
Tot Ion	Ratio	Lower	Upper
107	100		
108	106.3	90.8	136.2
77	46.9	40.7	61.1
79	45.7	40.6	60.8



#18
Hexachloroethane
Concen: 175.076 ng
RT: 9.27 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	221.4	76.3	114.5#
201	6.4	91.1	136.7#





#19

n-Nitroso-di-n-propylamine

Concen: 29.465 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.03 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

Tot Ion: 70 Resp: 98154

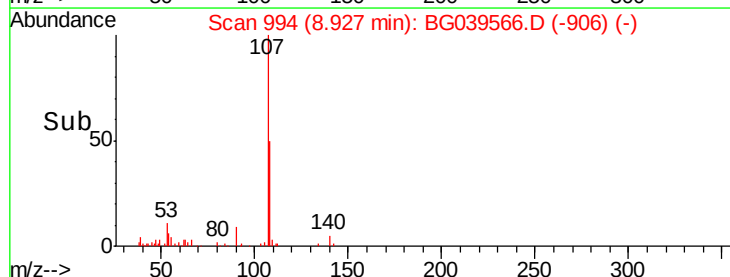
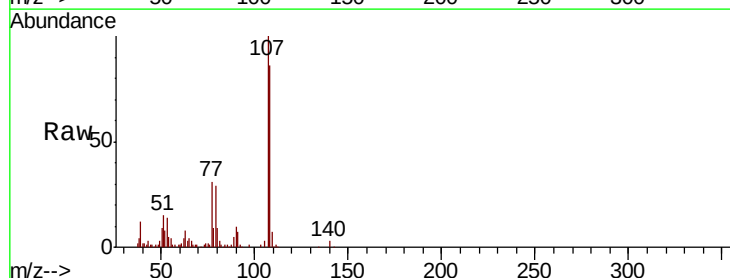
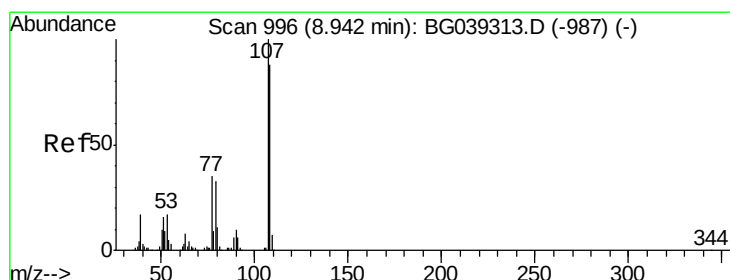
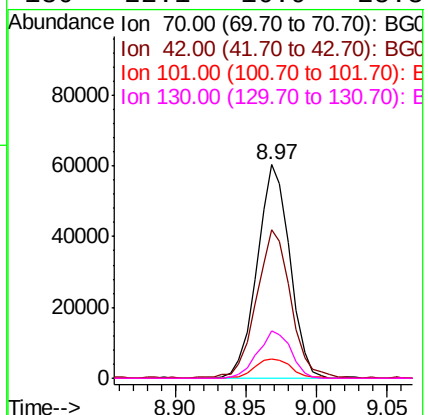
Ion Ratio Lower Upper

70 100

42 69.8 60.4 90.6

101 9.0 7.5 11.3

130 22.1 16.9 25.3



#20

3+4-Methylphenols

Concen: 21.660 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Tgt Ion: 107 Resp: 94436

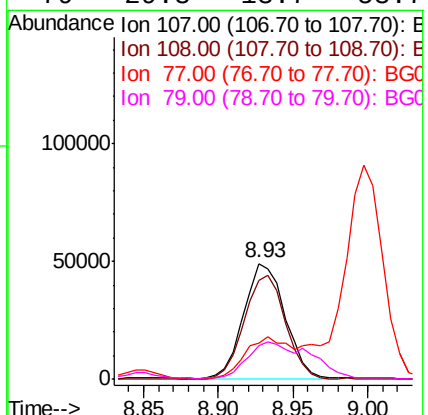
Ion Ratio Lower Upper

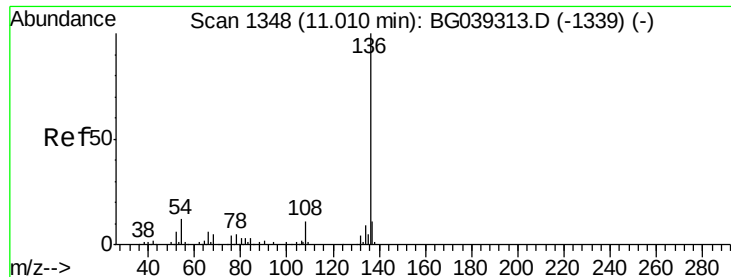
107 100

108 85.7 67.9 107.9

77 30.6 15.4 55.4

79 29.3 13.7 53.7

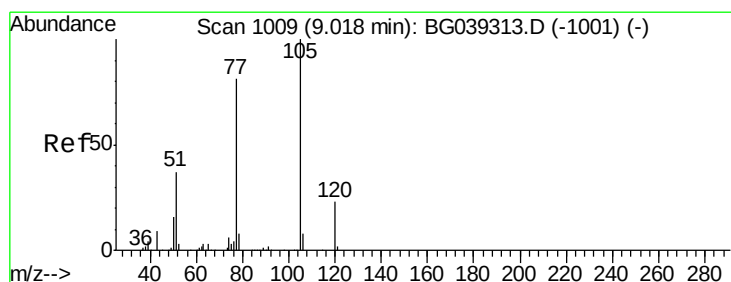
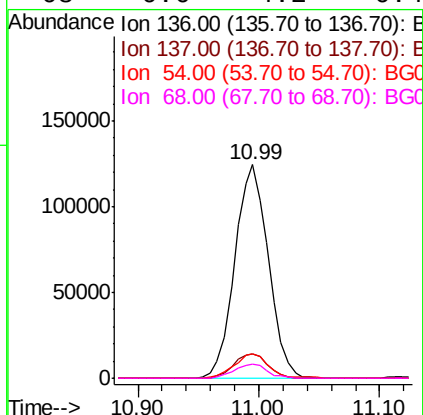
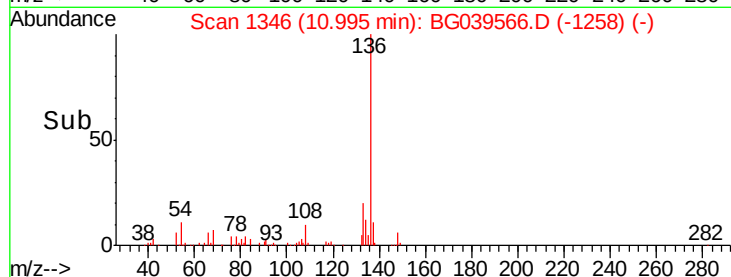
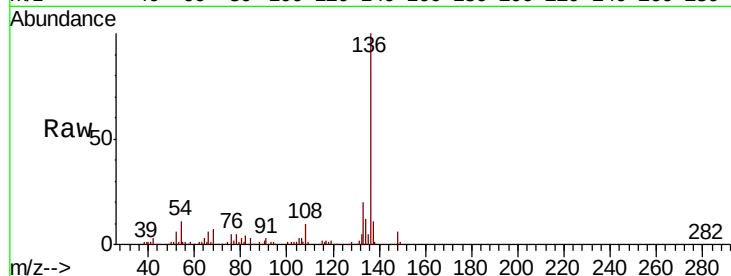




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

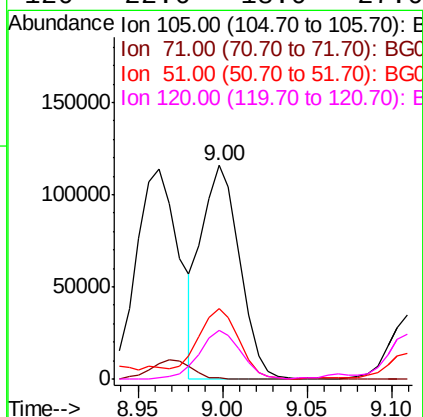
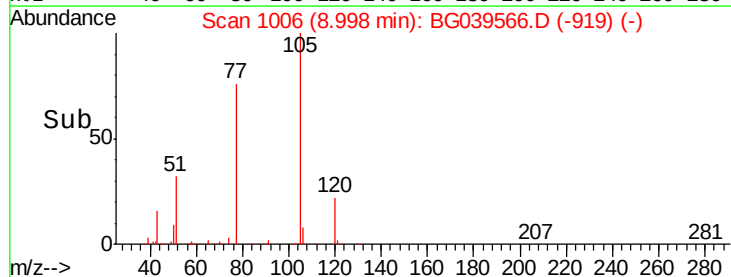
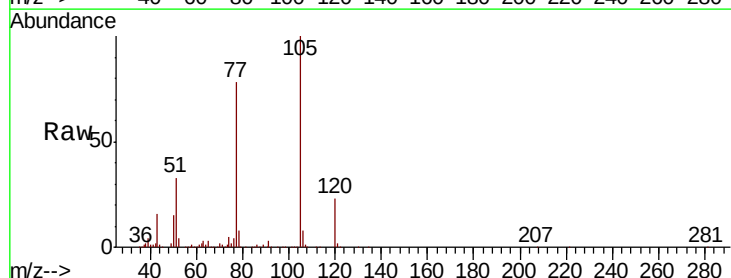
Instrument :
BNA_G
ClientSampleId :
MW-1MS

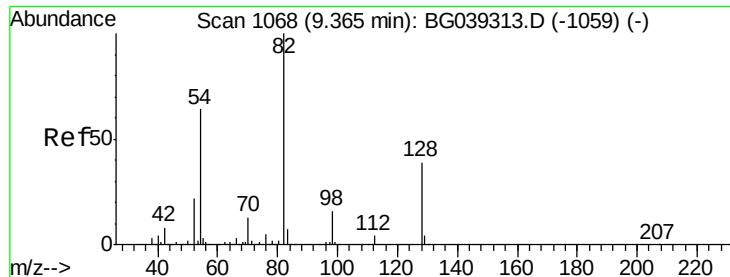
Tot Ion:136	Resp:	239681
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	11.1	9.4 14.2
68	6.6	4.2 6.4#



#22
Acetophenone
Concen: 28.233 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Tgt Ion:105	Resp:	181768
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.8 1.2#
51	33.2	30.2 45.2
120	22.6	18.0 27.0

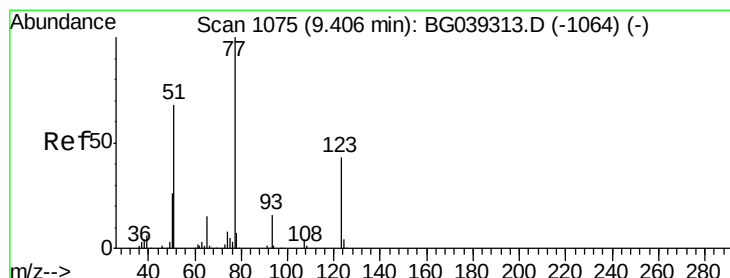
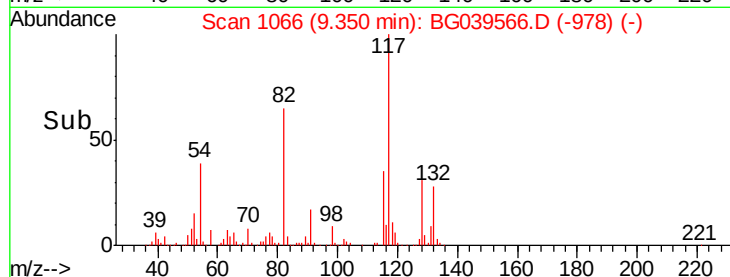
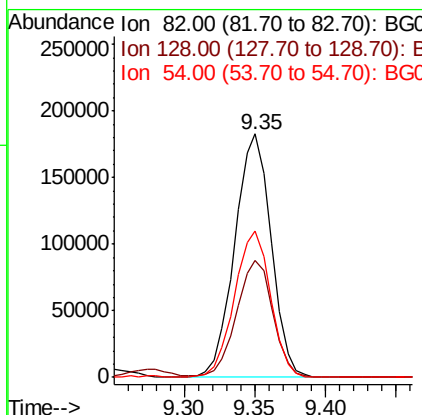
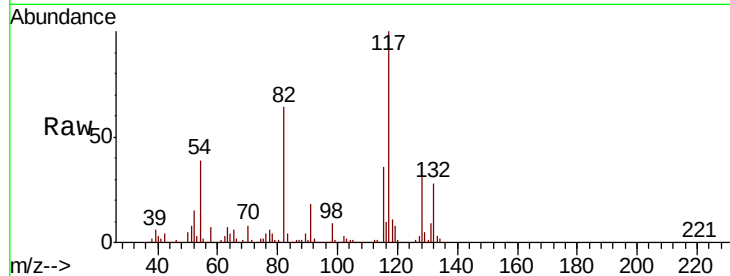




#23
 Nitrobenzene-d5
 Concen: 85.870 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039566.D
 Acq: 19 Feb 2019 22:22

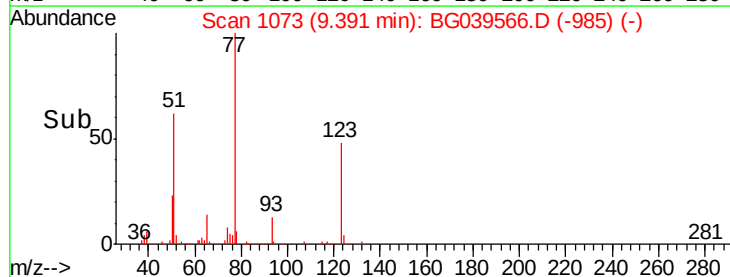
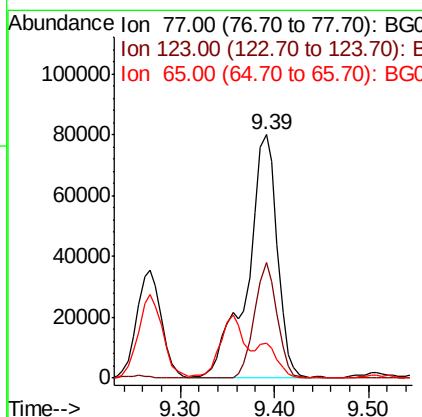
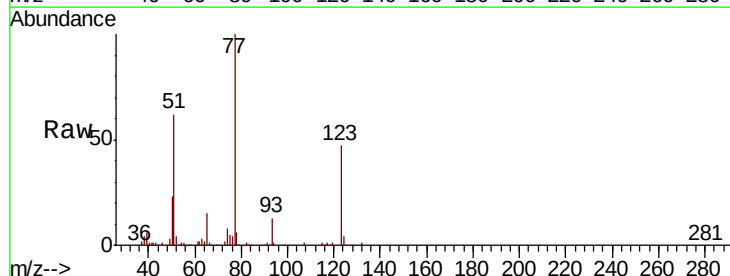
Instrument :
 BNA_G
 ClientSampleId :
 MW-1MS

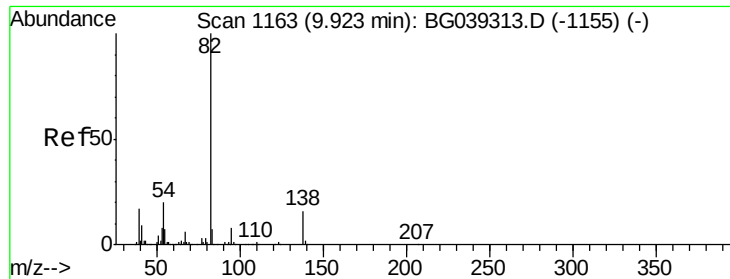
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	31.3	46.9#
54	59.9	50.9	76.3



#24
 Nitrobenzene
 Concen: 42.520 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039566.D
 Acq: 19 Feb 2019 22:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	34.1	51.1
65	14.6	12.3	18.5





#25

Isophorone

Concen: 32.720 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

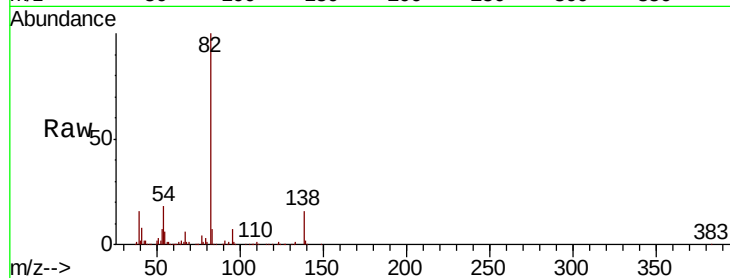
Tot Ion: 82 Resp: 278183

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

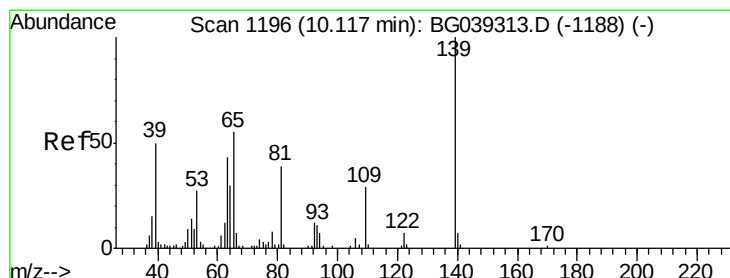
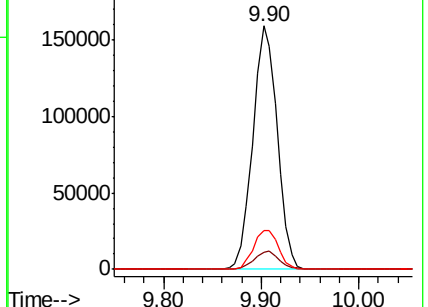
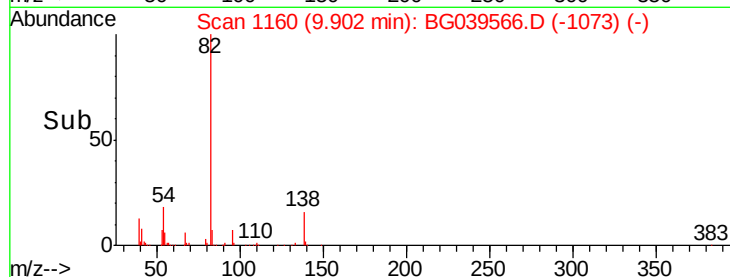
138 15.8 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG039313.D (-1155) (-)

Ion 95.00 (94.70 to 95.70): BG039313.D (-1155) (-)

Ion 138.00 (137.70 to 138.70): BG039313.D (-1155) (-)



#26

2-Nitrophenol

Concen: 43.534 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

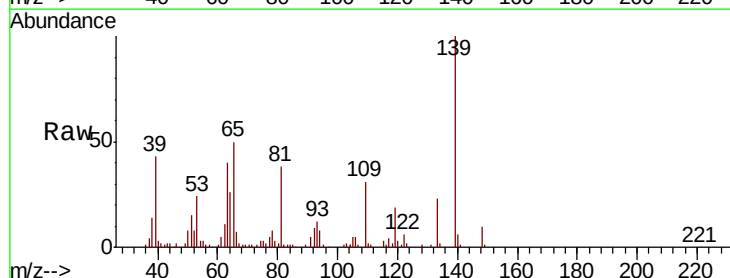
Tgt Ion: 139 Resp: 68238

Ion Ratio Lower Upper

139 100

109 30.6 23.4 35.0

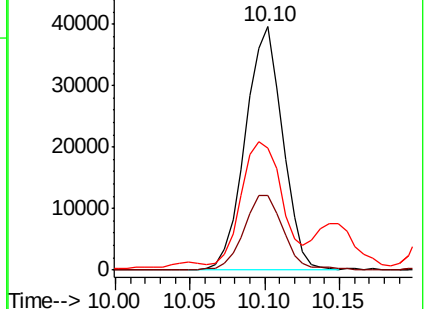
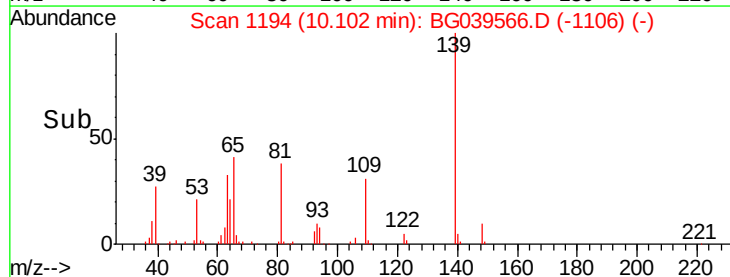
65 50.1 44.3 66.5

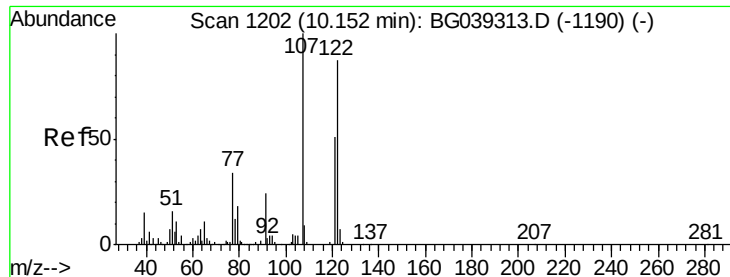


Abundance Ion 139.00 (138.70 to 139.70): BG039313.D (-1188) (-)

Ion 109.00 (108.70 to 109.70): BG039313.D (-1188) (-)

Ion 65.00 (64.70 to 65.70): BG039313.D (-1188) (-)





#27

2,4-Dimethylphenol

Concen: 32.835 ng

RT: 10.14 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampled :

MW-1MS

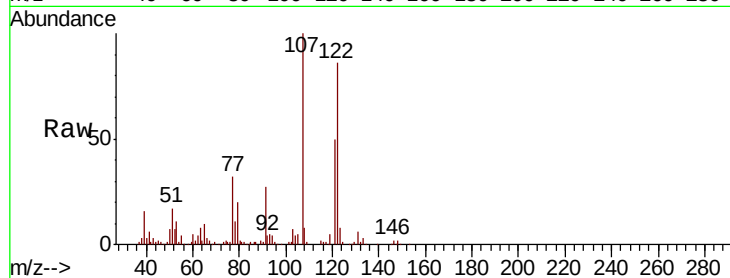
Tot Ion:122 Resp: 112929

Ion Ratio Lower Upper

122 100

107 116.1 91.7 137.5

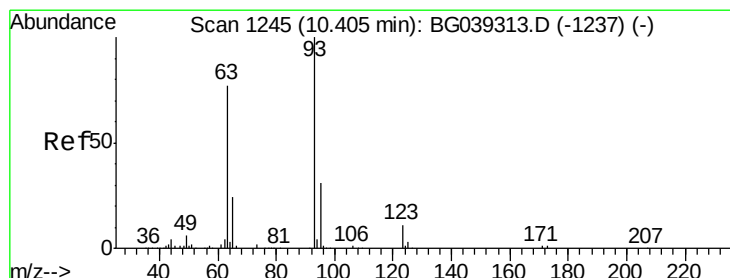
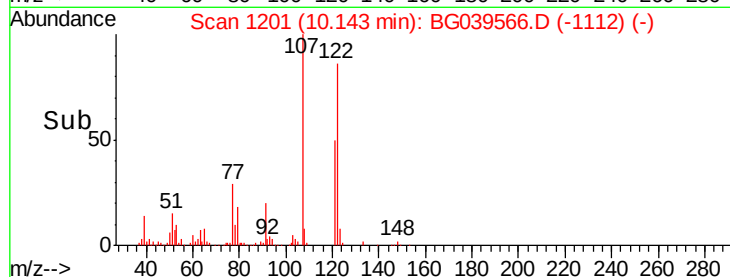
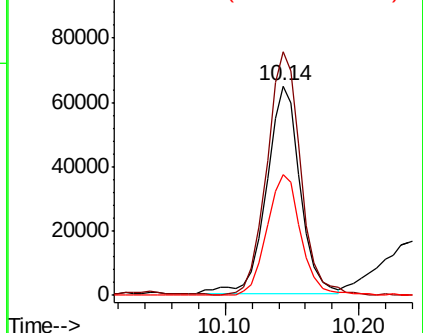
121 57.6 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 30.844 ng

RT: 10.39 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

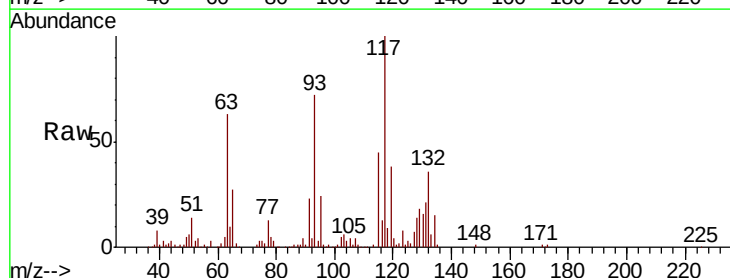
Tgt Ion: 93 Resp: 161524

Ion Ratio Lower Upper

93 100

95 33.3 25.0 37.4

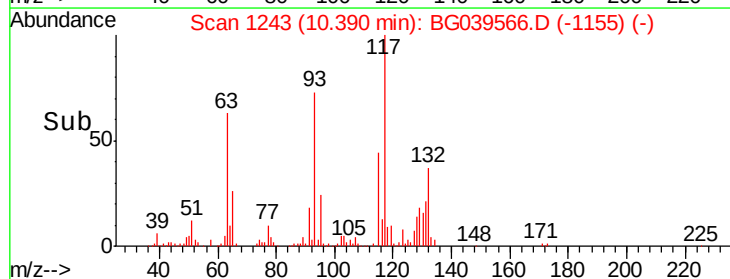
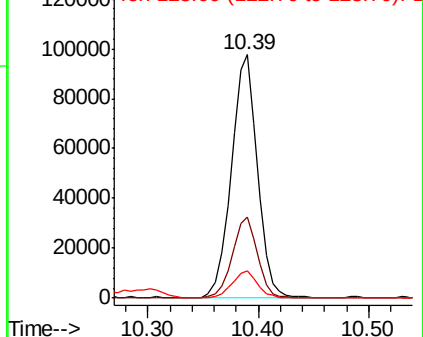
123 11.3 8.6 12.8

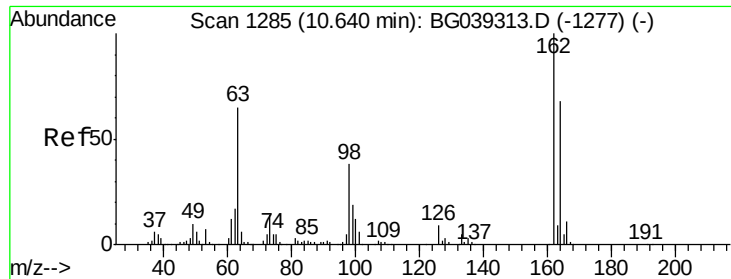


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

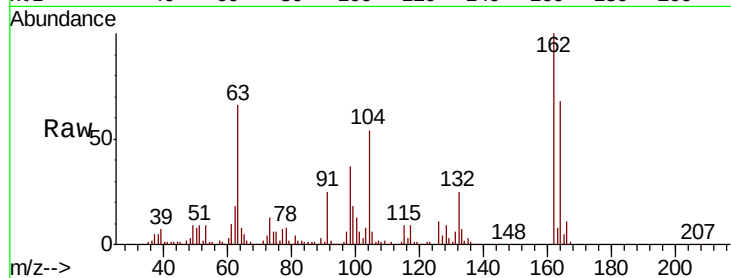




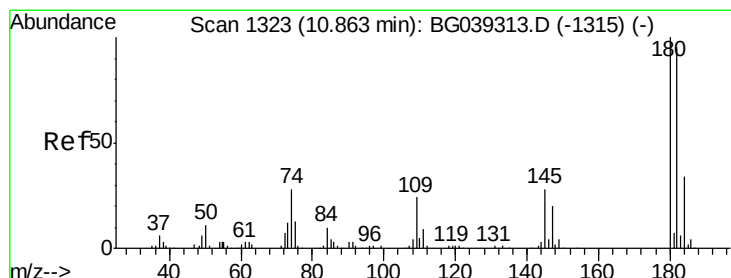
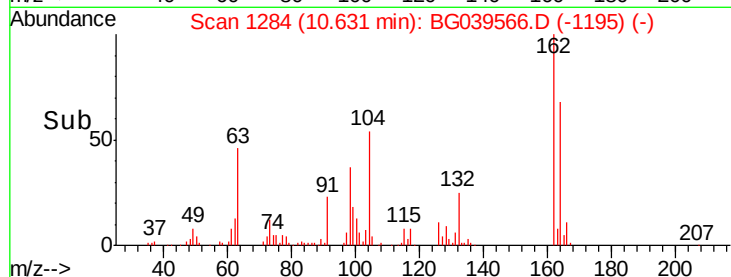
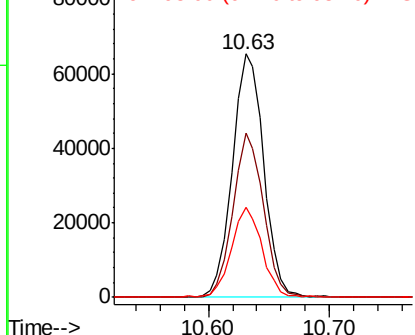
#29
2,4-Dichlorophenol
Concen: 31.298 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Instrument :
BNA_G
ClientSampleId :
MW-1MS

Tot Ion:162 Resp: 117644
Ion Ratio Lower Upper
162 100
164 67.7 48.1 88.1
98 36.9 18.1 58.1

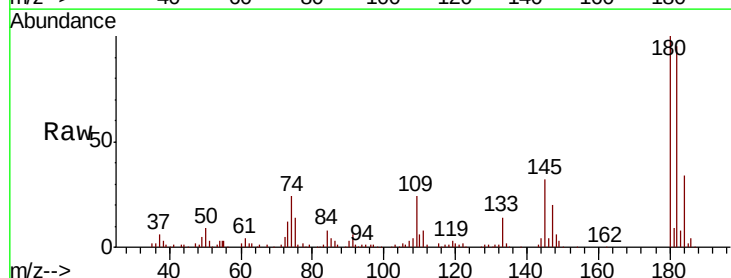


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

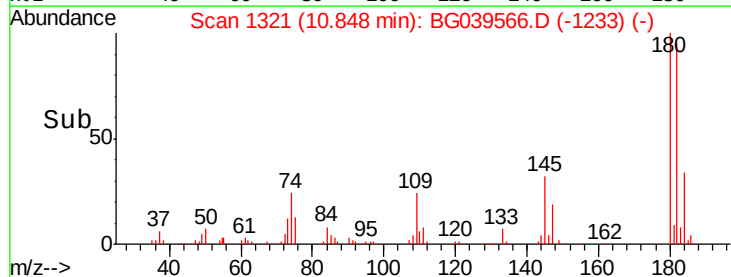
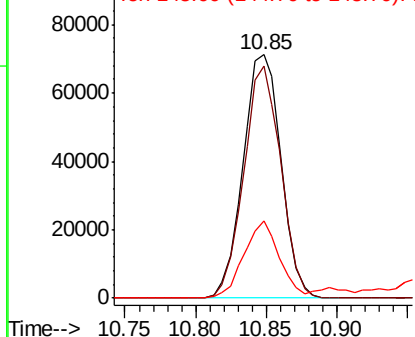


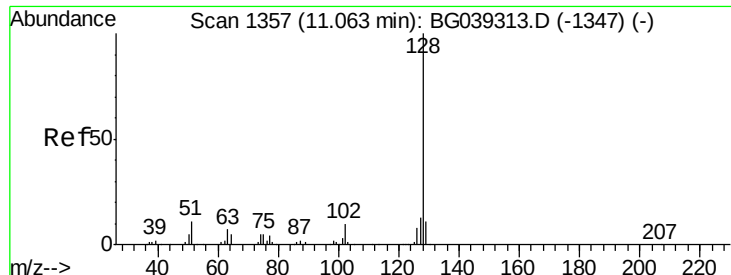
#30
1,2,4-Trichlorobenzene
Concen: 31.846 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Tgt Ion:180 Resp: 134394
Ion Ratio Lower Upper
180 100
182 95.3 76.0 114.0
145 31.5 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

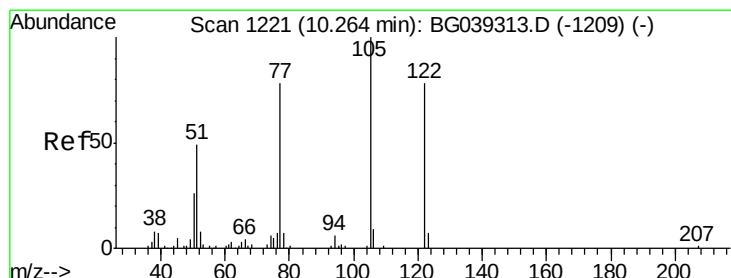
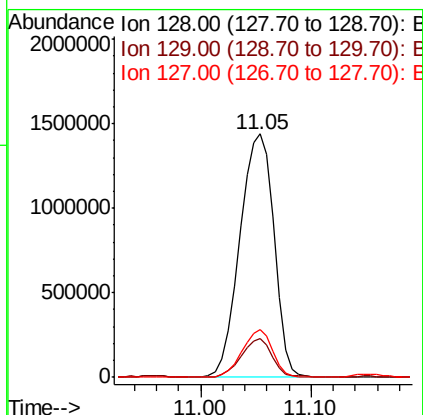
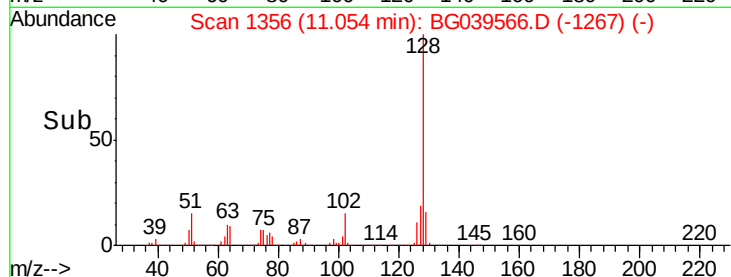
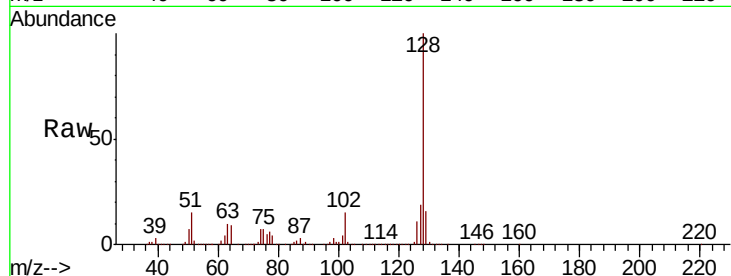




#31
Naphthalene
Concen: 263.075 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

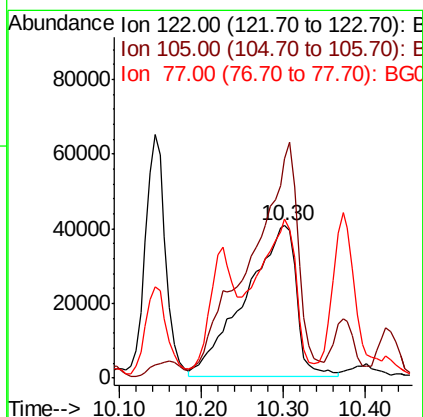
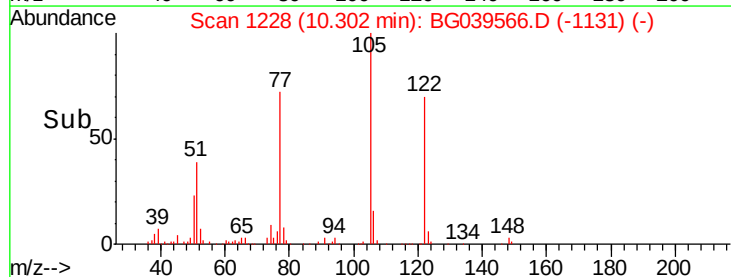
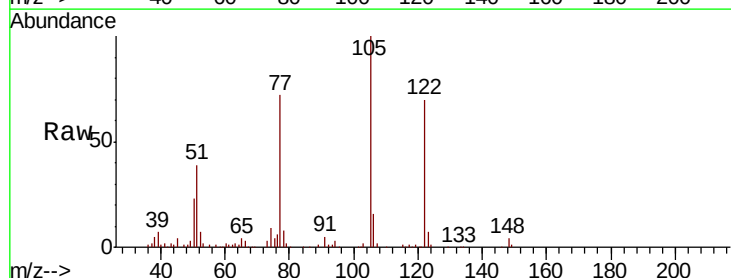
Instrument :
BNA_G
ClientSampleId :
MW-1MS

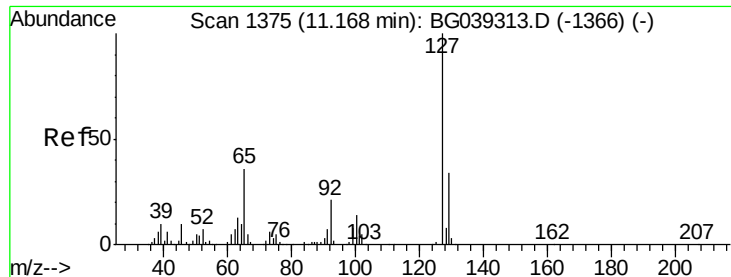
Tot Ion:128 Resp: 3128071
Ion Ratio Lower Upper
128 100
129 15.7 8.7 13.1#
127 19.4 10.8 16.2#



#32
Benzoic acid
Concen: 72.233 ng
RT: 10.30 min Scan# 1228
Delta R.T. 0.04 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Tgt Ion:122 Resp: 175307
Ion Ratio Lower Upper
122 100
105 143.8 101.8 141.8#
77 104.2 76.3 116.3

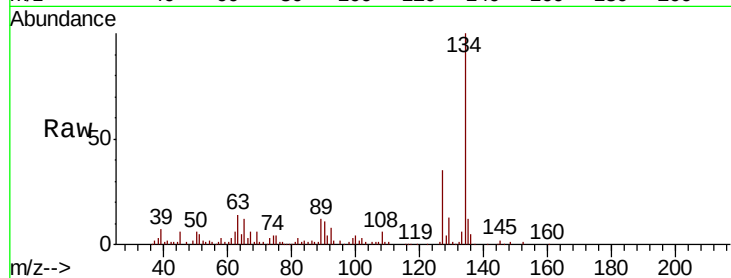




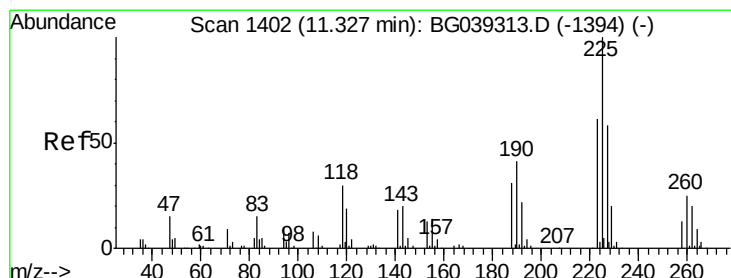
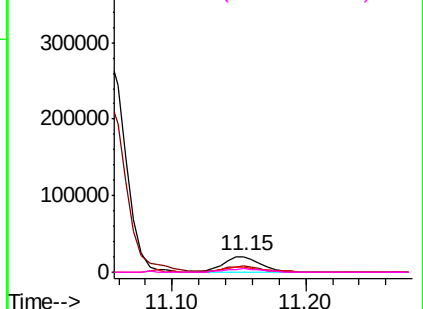
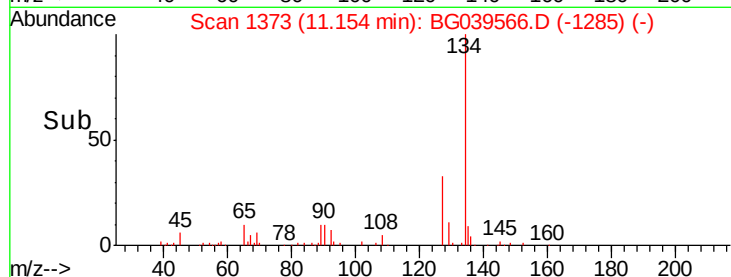
#33
4-Chloroaniline
Concen: 7.370 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Instrument :
BNA_G
ClientSampleId :
MW-1MS

Tot Ion:127	Resp:	40632
Ion Ratio	Lower	Upper
127	100	
129	37.0	27.0 40.4
65	34.8	28.8 43.2
92	23.1	16.6 25.0

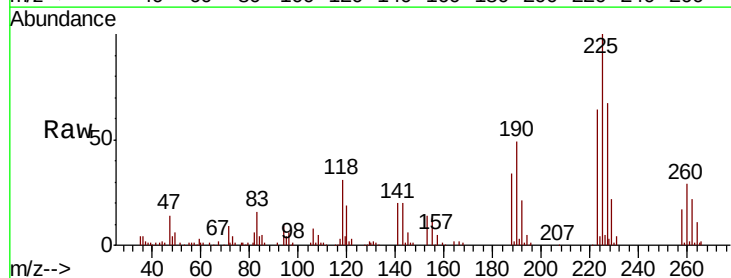


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

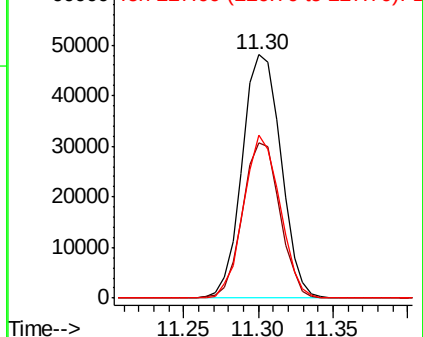
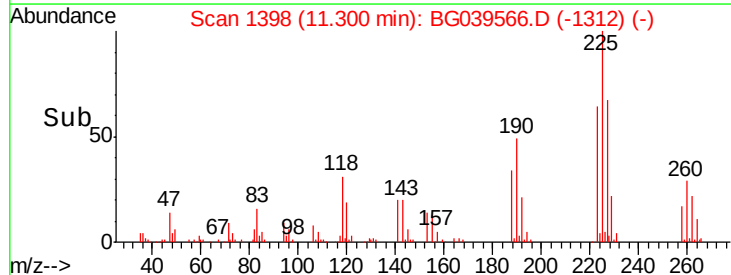


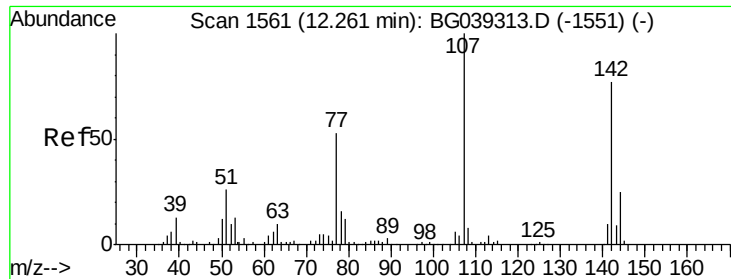
#34
Hexachlorobutadiene
Concen: 30.860 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Tgt Ion:225	Resp:	86609
Ion Ratio	Lower	Upper
225	100	
223	64.0	49.0 73.6
227	67.1	46.3 69.5



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

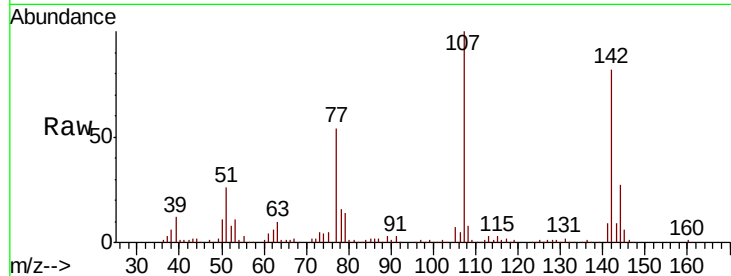




#36
 4-Chloro-3-methylphenol
 Concen: 28.300 ng
 RT: 12.25 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BG039566.D
 Acq: 19 Feb 2019 22:22

Instrument :
 BNA_G
 ClientSampleId :
 MW-1MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.2	30.2
142	82.3	61.4	92.2

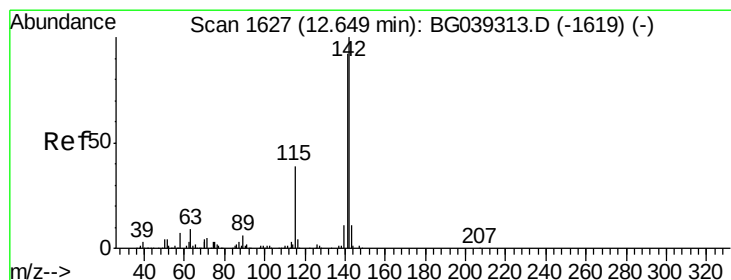
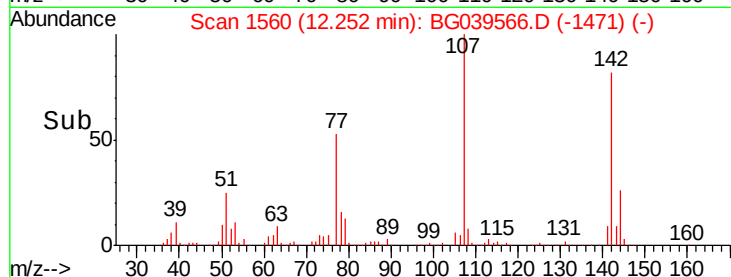
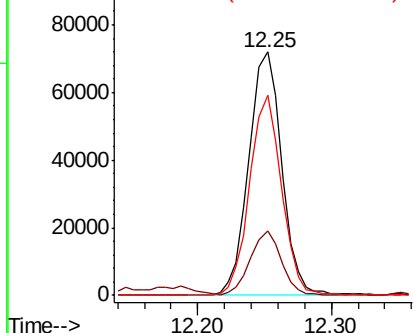


Abundance

Ion 107.00 (106.70 to 107.70): E

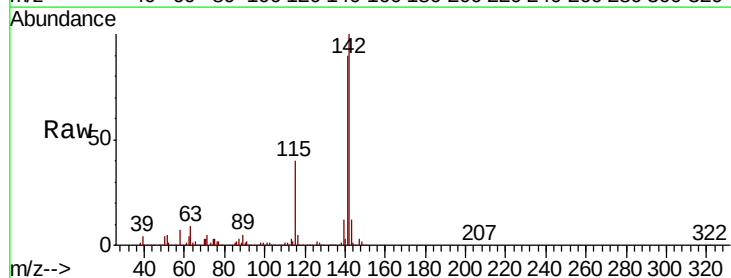
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 105.775 ng
 RT: 12.63 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG039566.D
 Acq: 19 Feb 2019 22:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.5	110.3
115	39.8	30.8	46.2

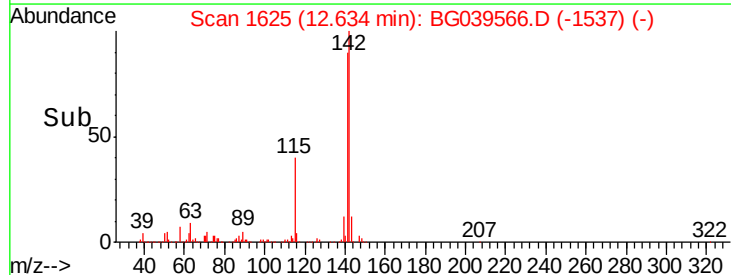
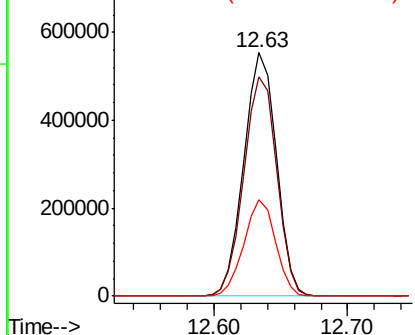


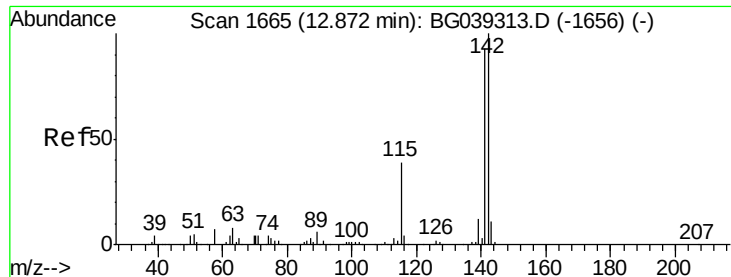
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

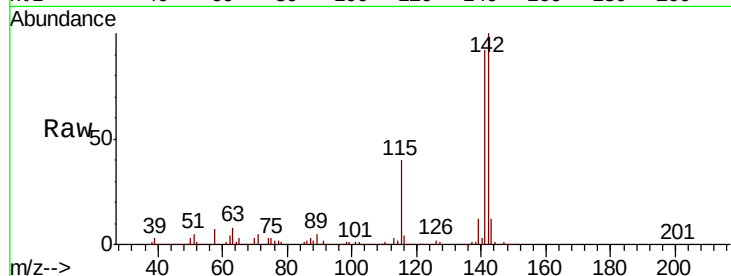




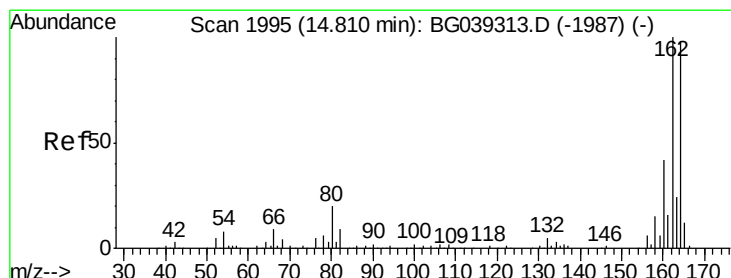
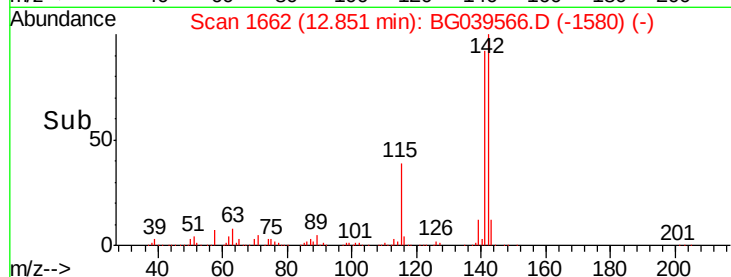
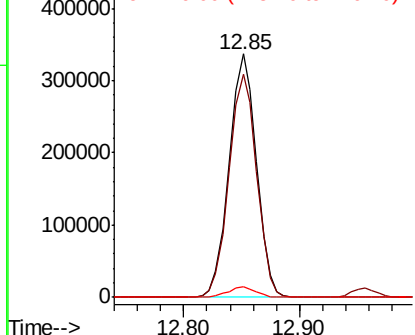
#38
1-Methylnaphthalene
Concen: 64.807 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Instrument :
BNA_G
ClientSampled :
MW-1MS

Tot Ion:142 Resp: 550164
Ion Ratio Lower Upper
142 100
141 91.7 74.2 111.4
116 4.3 3.0 4.6

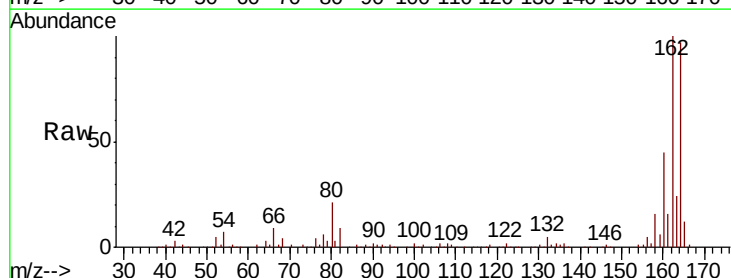


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

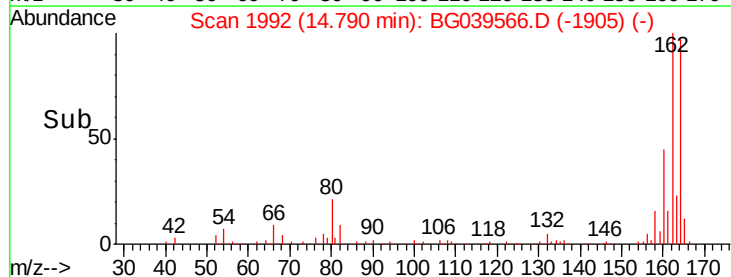
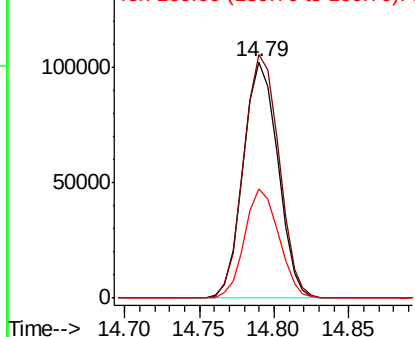


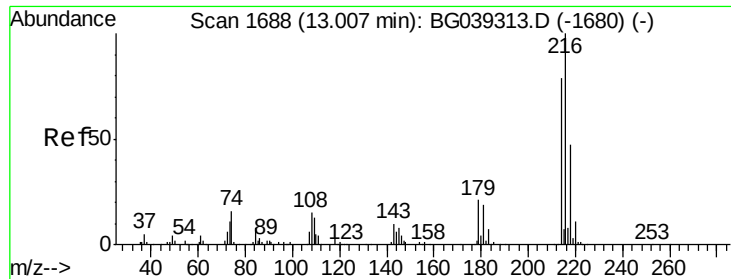
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Tgt Ion:164 Resp: 164005
Ion Ratio Lower Upper
164 100
162 103.2 81.6 122.4
160 46.1 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#40

1,2,4,5-Tetrachlorobenzene

Concen: 31.470 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

Tot Ion:216 Resp: 164214

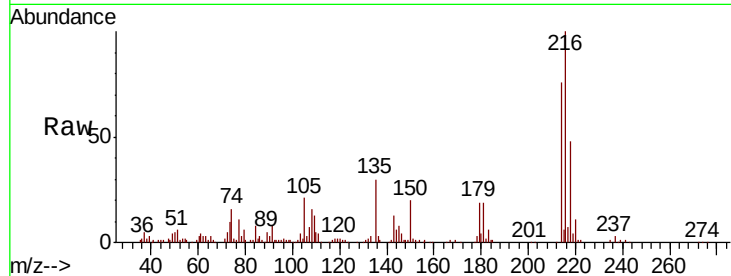
Ion Ratio Lower Upper

216 100

214 78.0 62.6 94.0

179 20.0 16.6 25.0

108 18.5 14.0 21.0

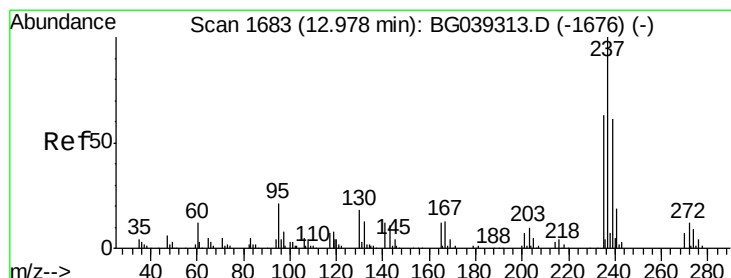
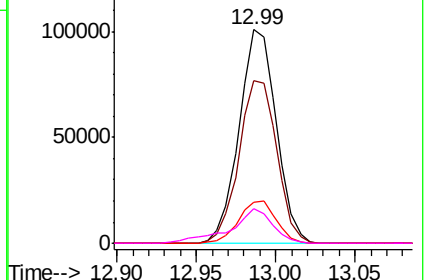
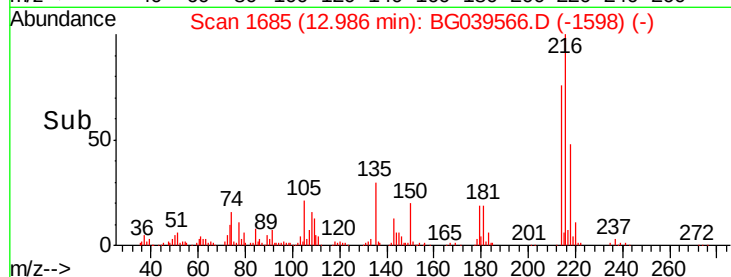


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.527 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

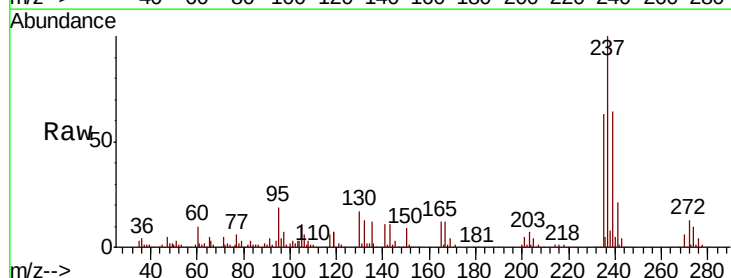
Tgt Ion:237 Resp: 180635

Ion Ratio Lower Upper

237 100

235 63.5 43.3 83.3

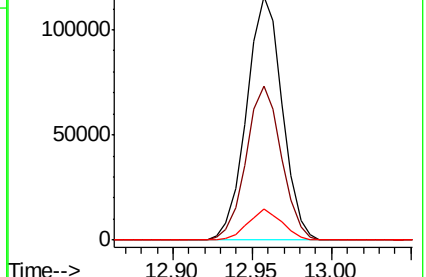
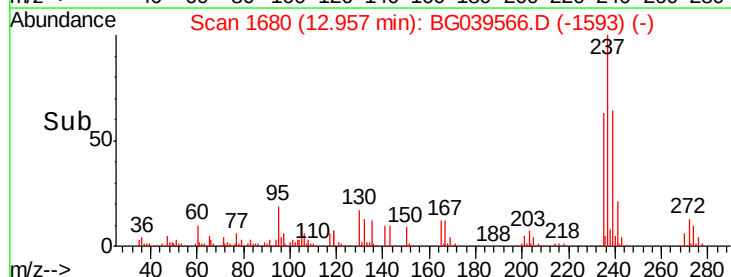
272 12.6 0.0 32.3

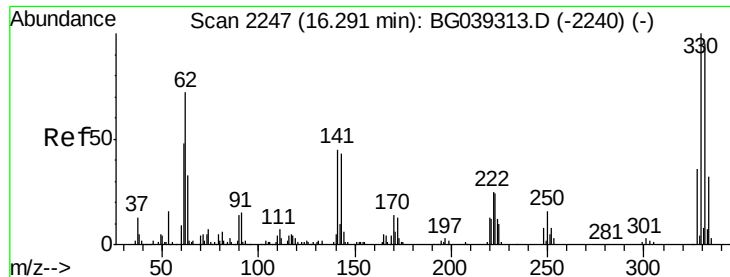


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 117.462 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampled :

MW-1MS

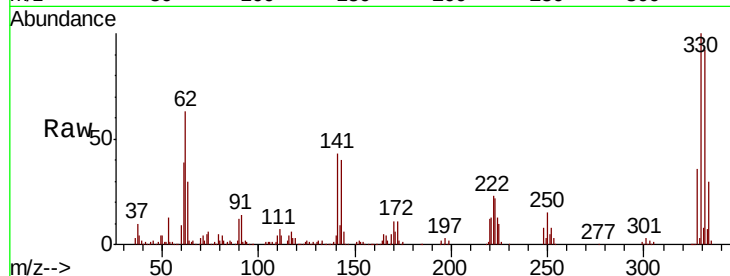
Tot Ion:330 Resp: 207445

Ion Ratio Lower Upper

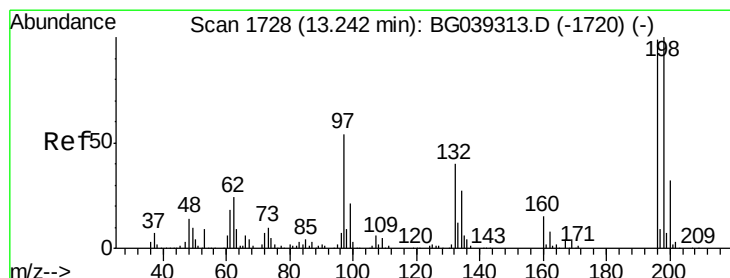
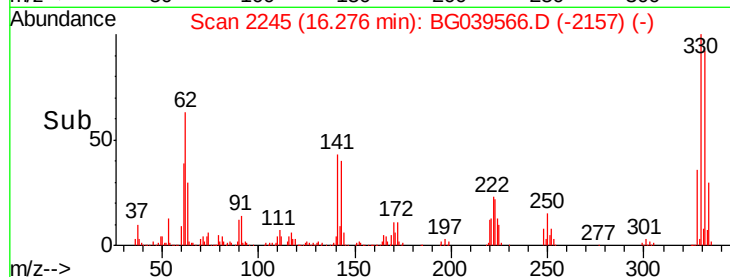
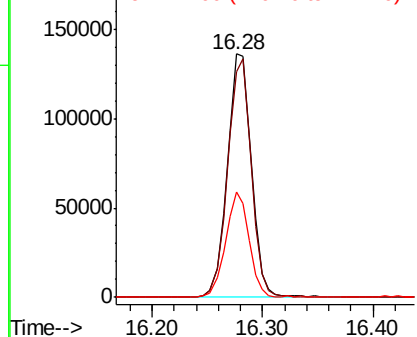
330 100

332 96.6 75.7 113.5

141 42.1 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: 34.539 ng

RT: 13.23 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

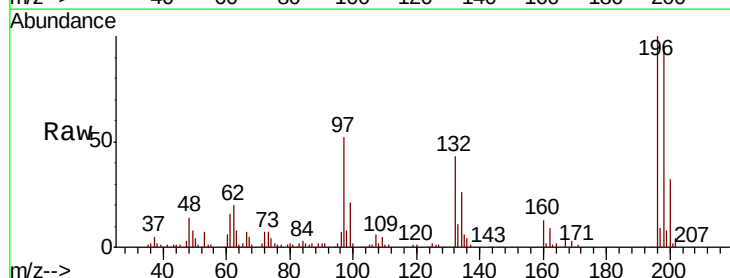
Tgt Ion:196 Resp: 110815

Ion Ratio Lower Upper

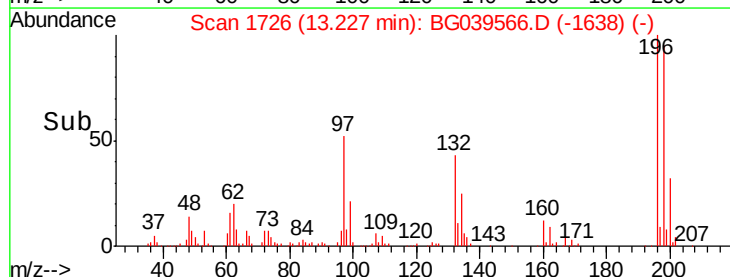
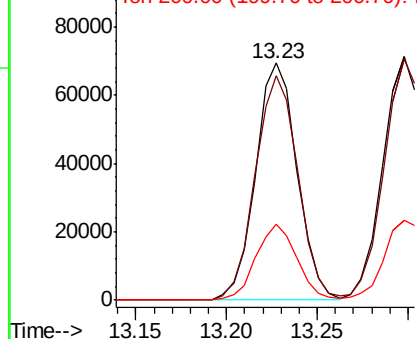
196 100

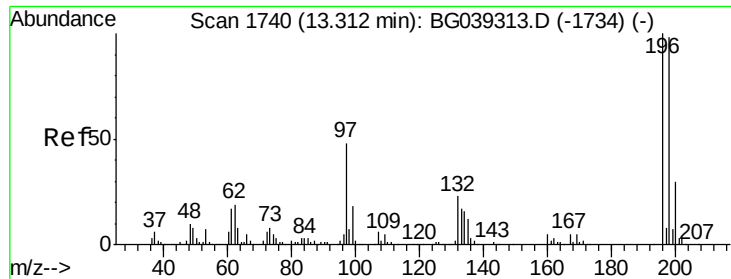
198 95.0 80.6 121.0

200 32.1 26.1 39.1



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

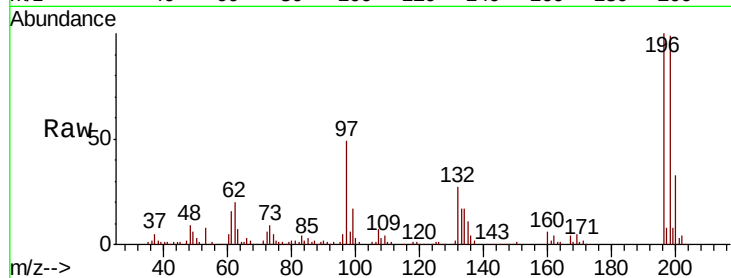




#44
 2,4,5-Trichlorophenol
 Concen: 34.895 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039566.D
 Acq: 19 Feb 2019 22:22

Instrument :
 BNA_G
 ClientSampleId :
 MW-1MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.8	78.5	117.7
97	49.3	38.4	57.6
132	27.4	19.2	28.8



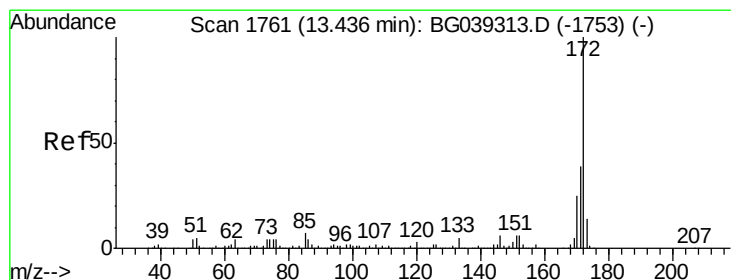
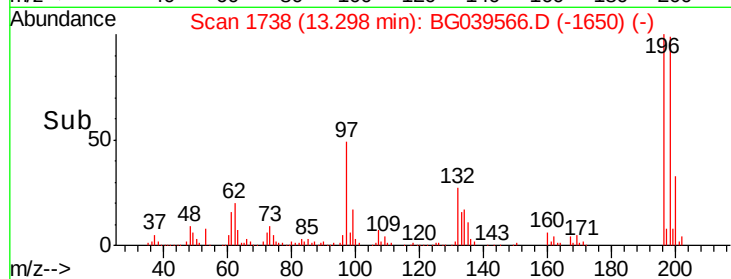
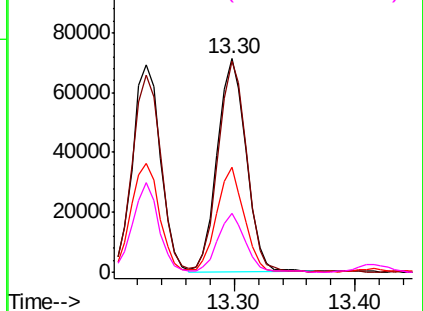
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

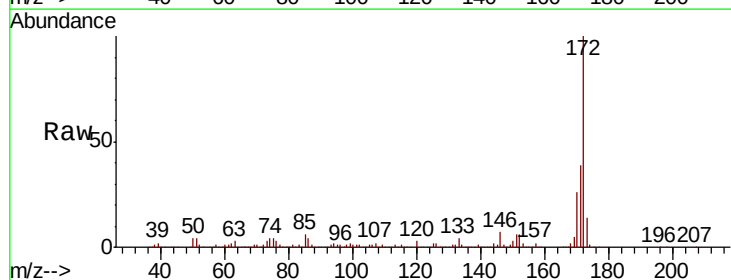
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.484 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039566.D
 Acq: 19 Feb 2019 22:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.8	46.2
170	25.8	20.2	30.4

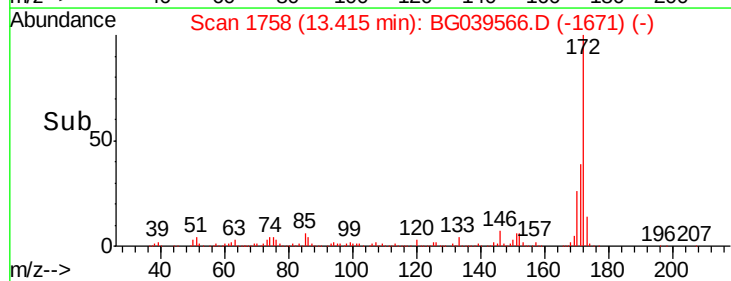
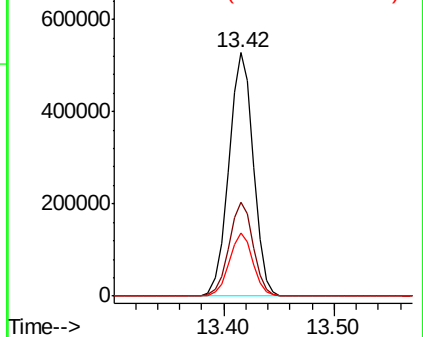


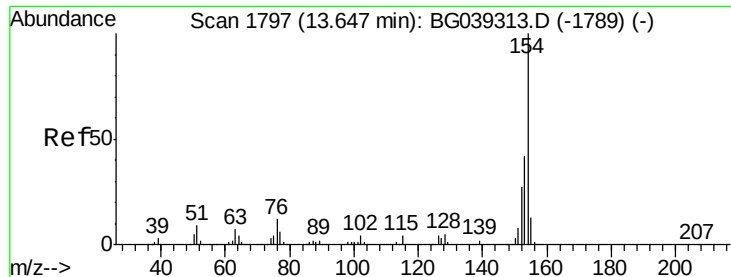
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

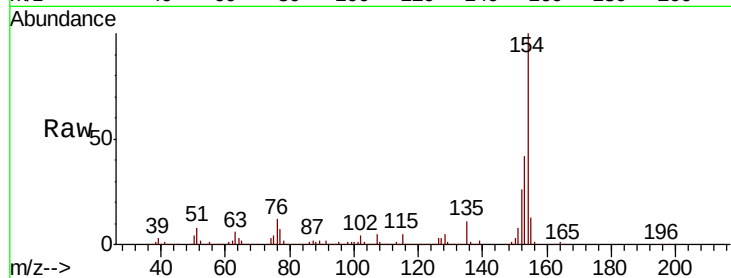




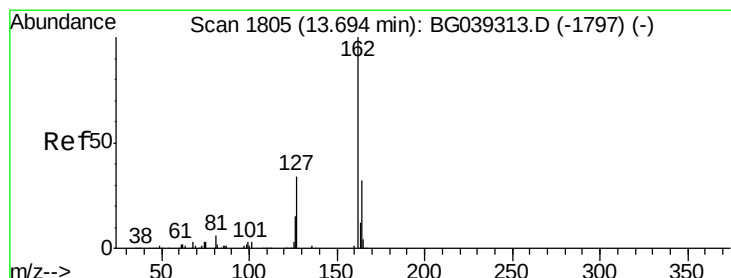
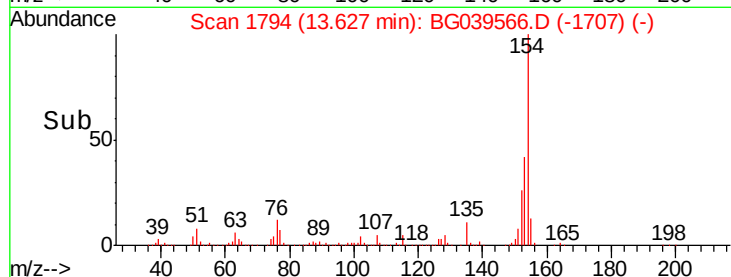
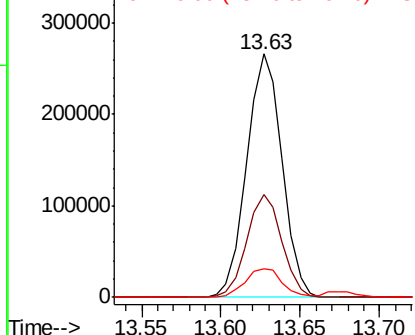
#46
 1,1'-Biphenyl
 Concen: 30.194 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG039566.D
 Acq: 19 Feb 2019 22:22

Instrument :
 BNA_G
 ClientSampleId :
 MW-1MS

Tot Ion:	154	Resp:	412019
Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.1	62.1
76	11.5	0.0	32.4

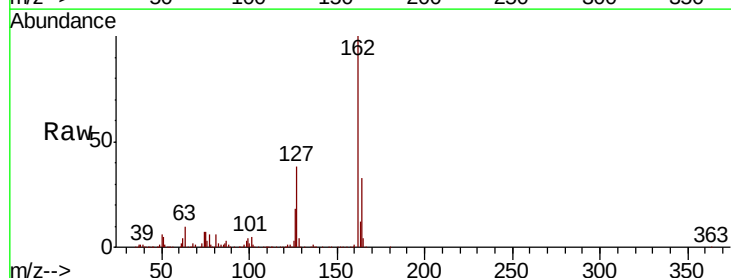


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

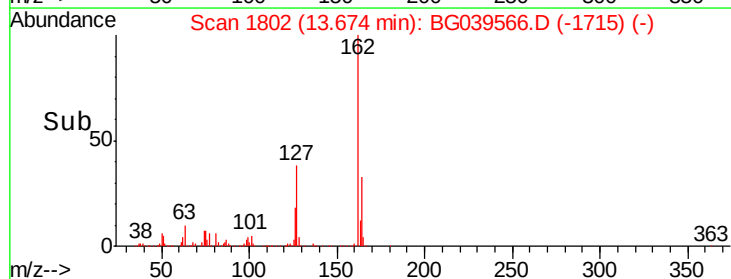
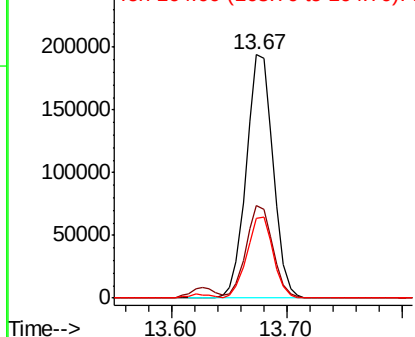


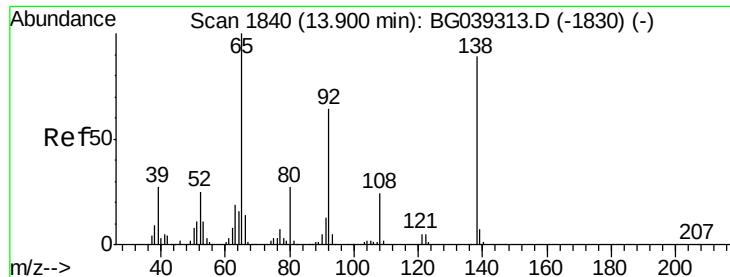
#47
 2-Chloronaphthalene
 Concen: 30.498 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG039566.D
 Acq: 19 Feb 2019 22:22

Tgt Ion:	162	Resp:	313072
Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.0	46.6
164	33.0	25.7	38.5



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

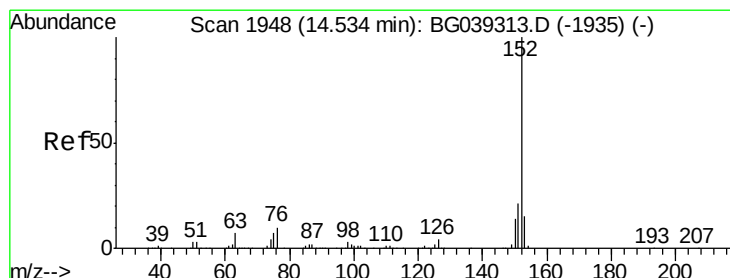
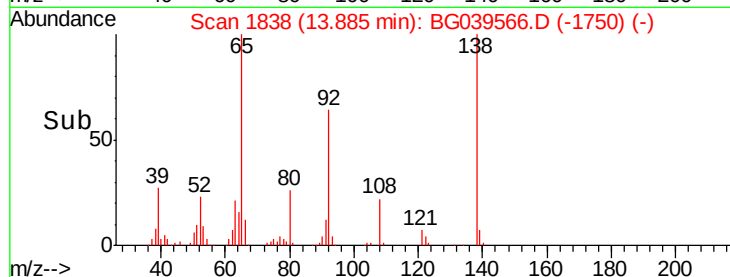
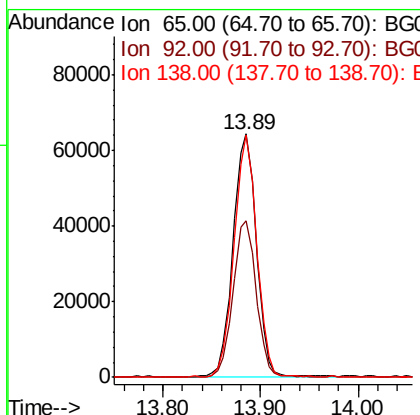
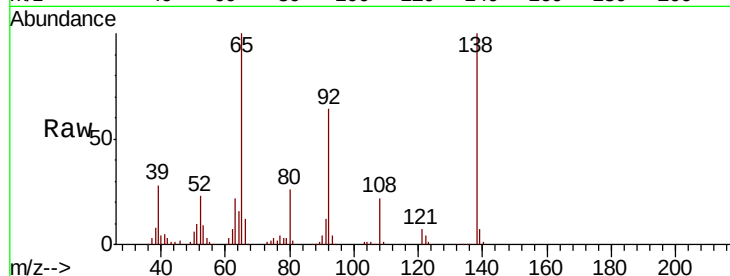




#48
2-Nitroaniline
Concen: 38.453 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

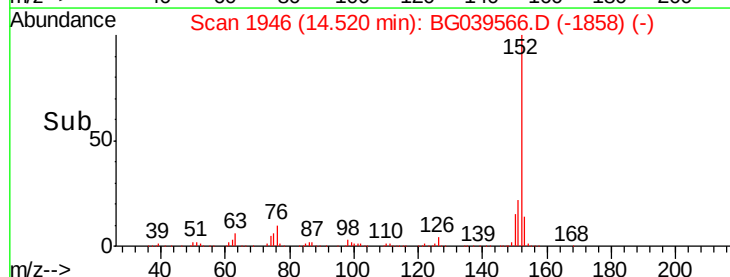
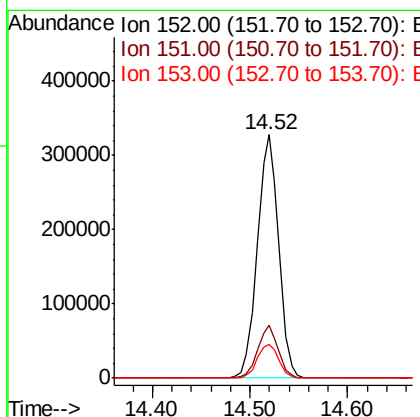
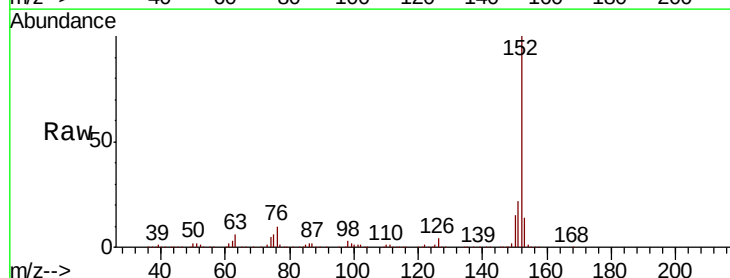
Instrument :
BNA_G
ClientSampleId :
MW-1MS

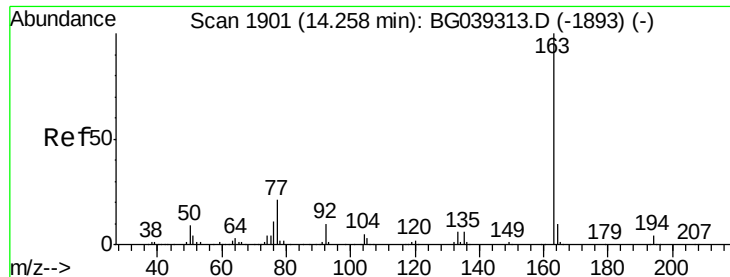
Tot Ion: 65 Resp: 107508
Ion Ratio Lower Upper
65 100
92 64.4 51.4 77.2
138 99.8 71.4 107.2



#49
Acenaphthylene
Concen: 32.548 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Tgt Ion: 152 Resp: 504157
Ion Ratio Lower Upper
152 100
151 21.9 16.8 25.2
153 14.0 11.7 17.5





#50

Dimethylphthalate

Concen: 31.052 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

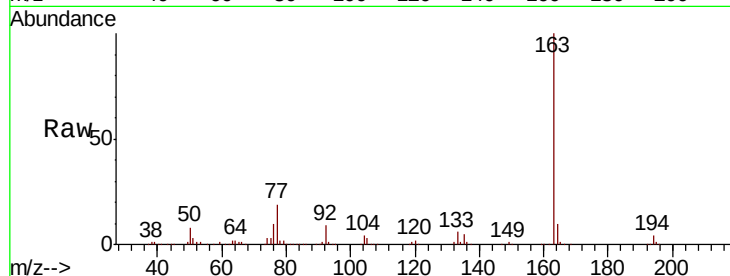
Tot Ion:163 Resp: 411307

Ion Ratio Lower Upper

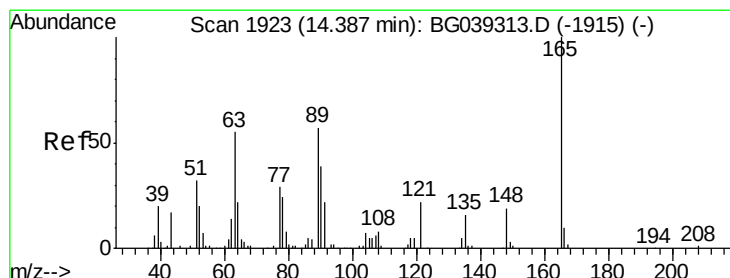
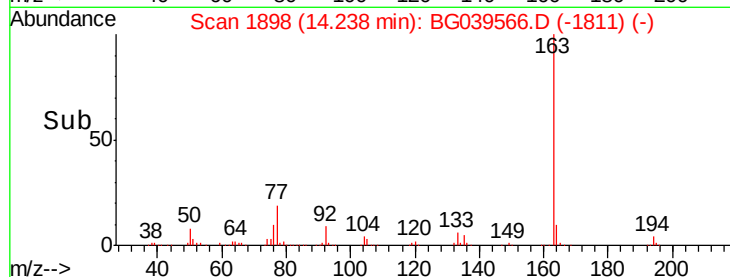
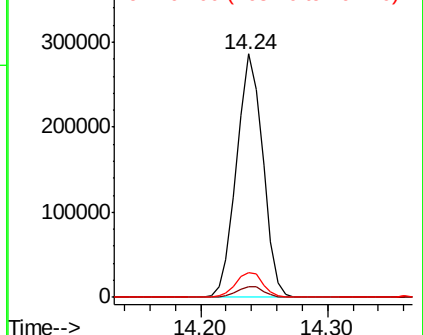
163 100

194 4.1 3.6 5.4

164 10.1 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: 38.286 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

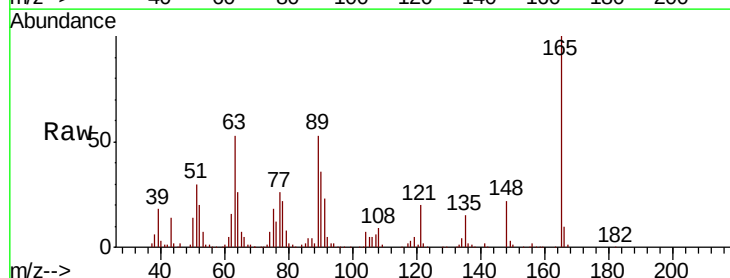
Tgt Ion:165 Resp: 90974

Ion Ratio Lower Upper

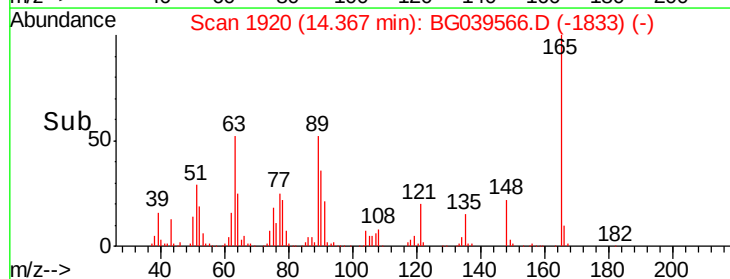
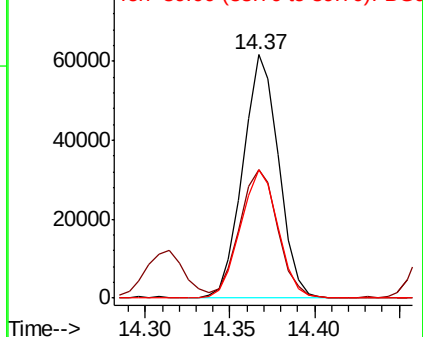
165 100

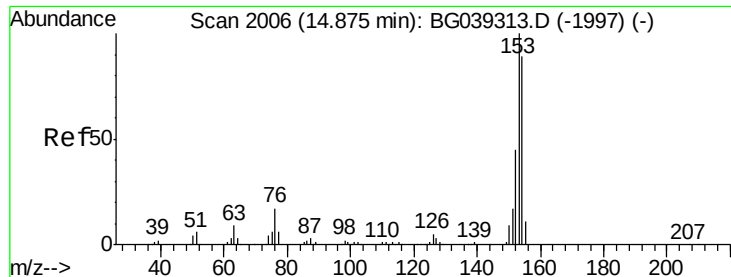
63 52.9 47.0 70.6

89 52.6 45.8 68.8



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





#52

Acenaphthene

Concen: 30.201 ng

RT: 14.85 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

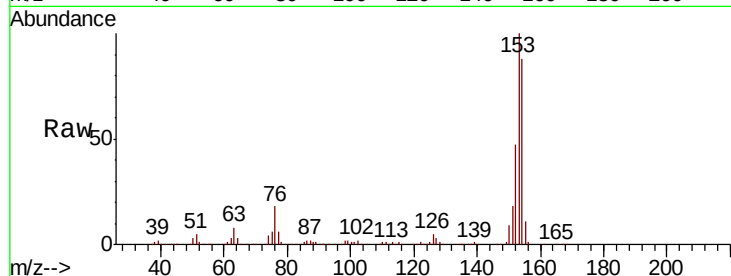
Tot Ion:154 Resp: 303656

Ion Ratio Lower Upper

154 100

153 113.6 90.1 135.1

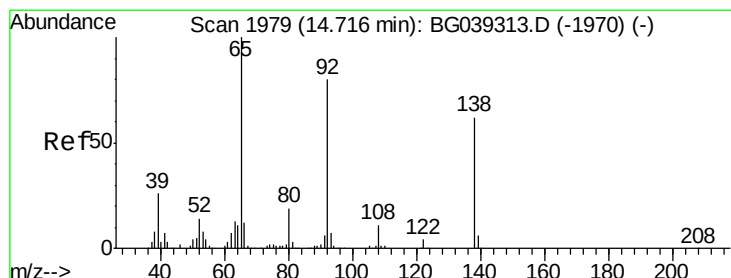
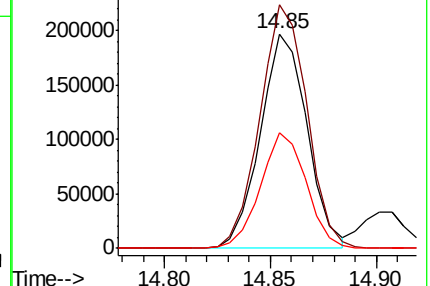
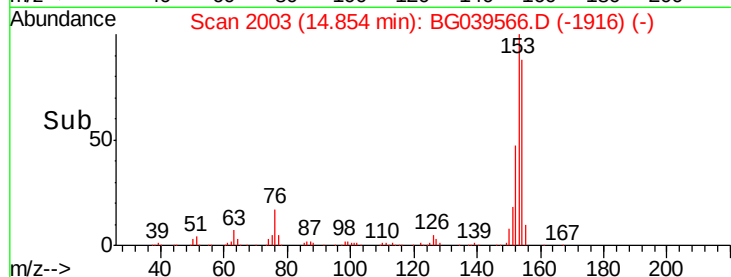
152 53.9 40.9 61.3



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: 13.495 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

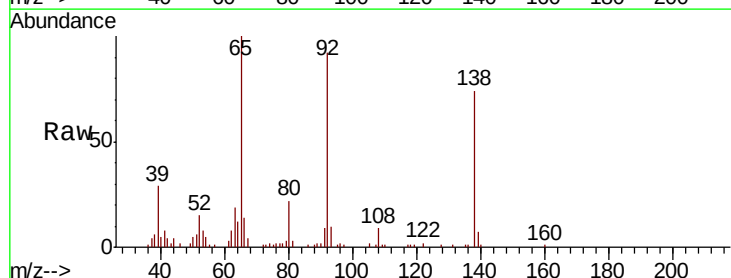
Tgt Ion:138 Resp: 23398

Ion Ratio Lower Upper

138 100

108 12.1 13.8 20.8#

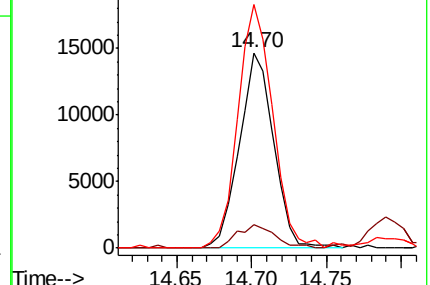
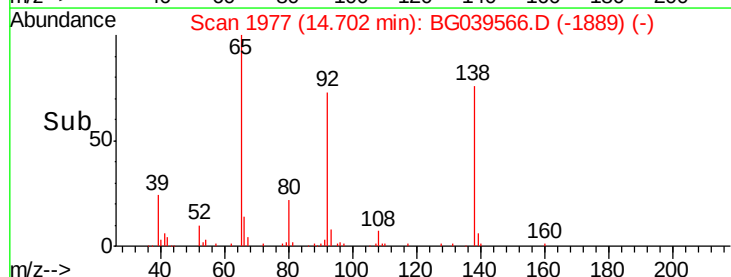
92 124.8 103.7 155.5

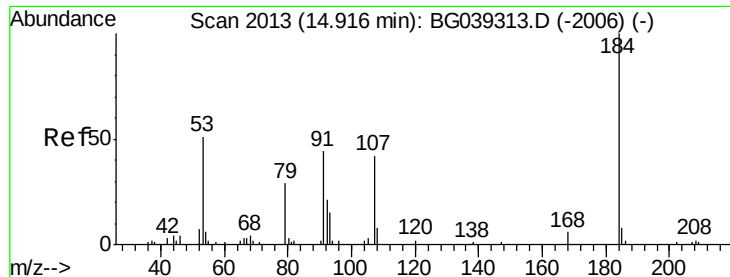


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#54

2,4-Dinitrophenol

Concen: 80.711 ng

RT: 14.91 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

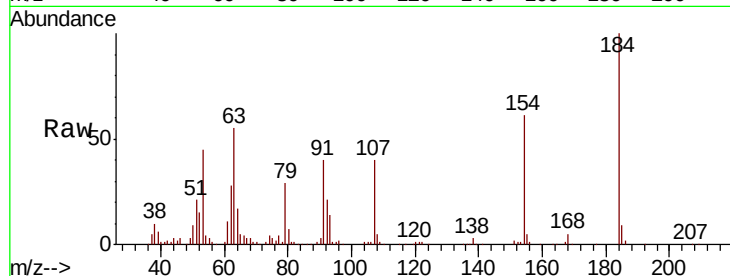
Tot Ion:184 Resp: 88764

Ion Ratio Lower Upper

184 100

63 55.5 50.9 76.3

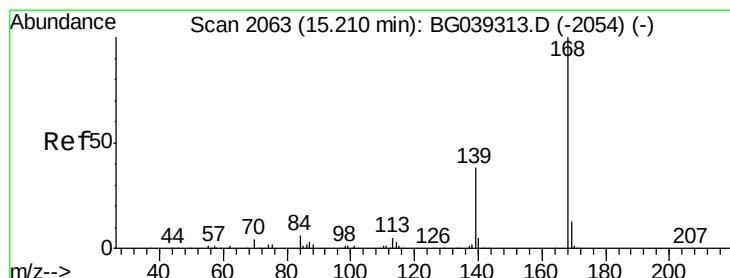
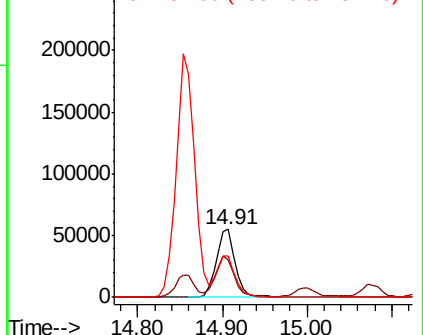
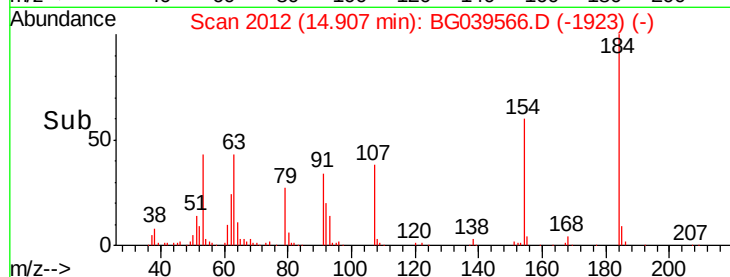
154 60.6 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 31.246 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

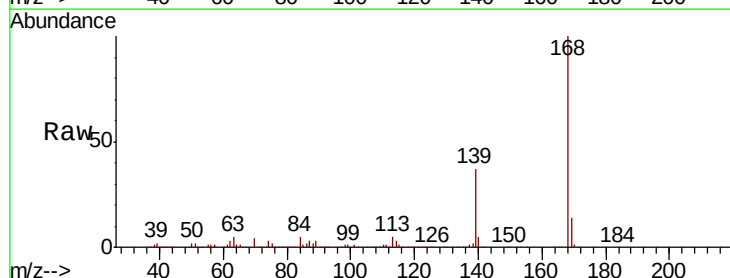
Tgt Ion:168 Resp: 503713

Ion Ratio Lower Upper

168 100

139 36.8 30.1 45.1

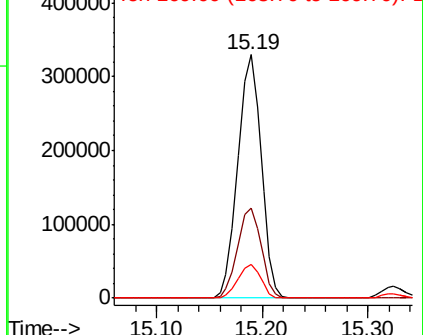
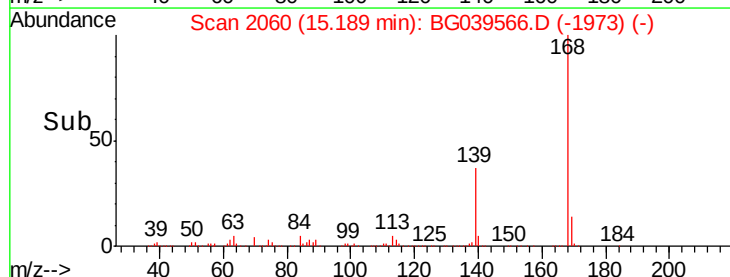
169 13.7 10.6 16.0

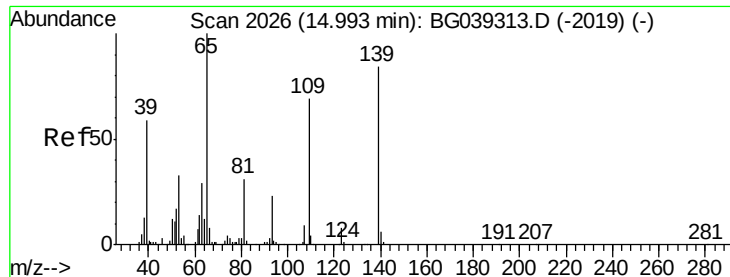


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 24.849 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

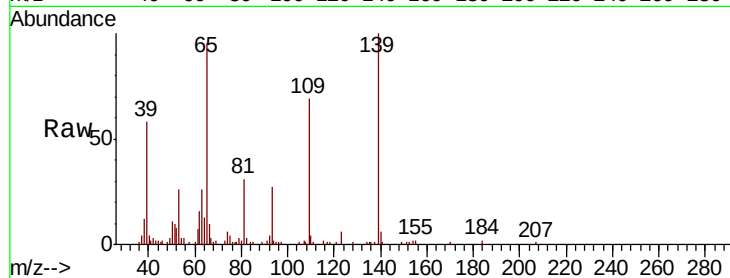
Tot Ion:139 Resp: 49200

Ion Ratio Lower Upper

139 100

109 69.4 61.9 101.9

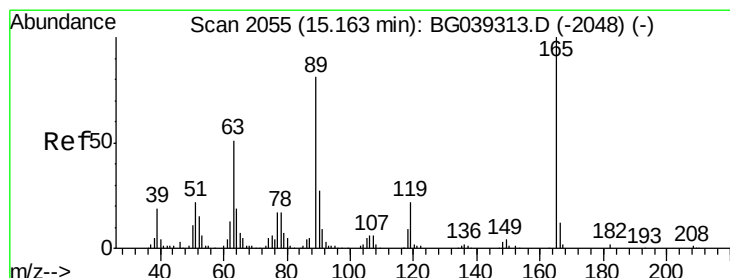
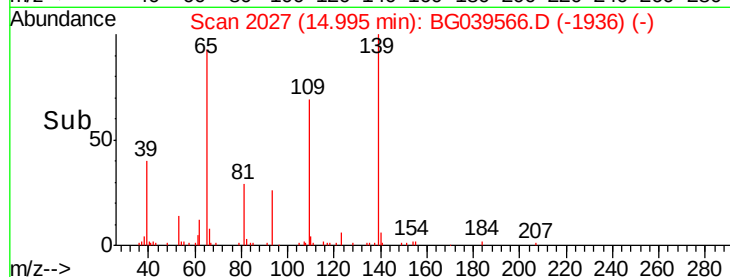
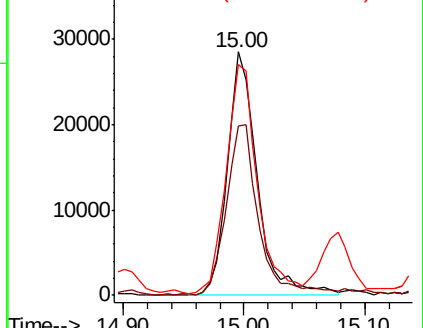
65 94.7 99.1 139.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 41.344 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Tgt Ion:165 Resp: 126992

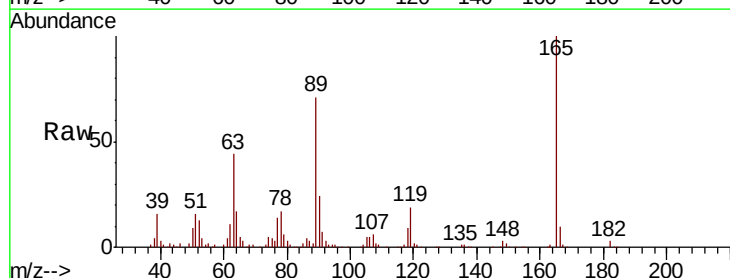
Ion Ratio Lower Upper

165 100

63 43.9 41.0 61.6

89 71.0 64.6 96.8

182 3.0 2.0 3.0

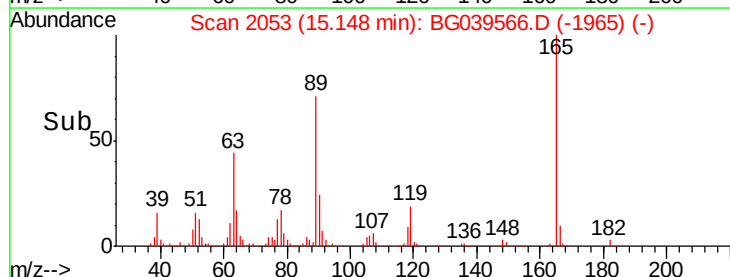
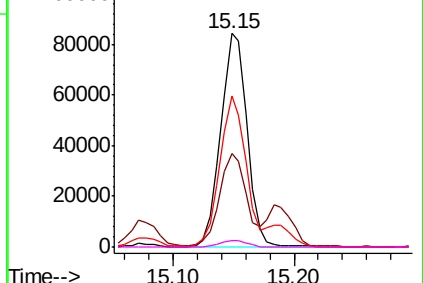


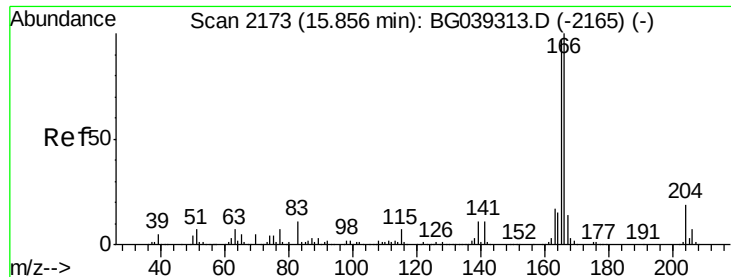
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 32.488 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

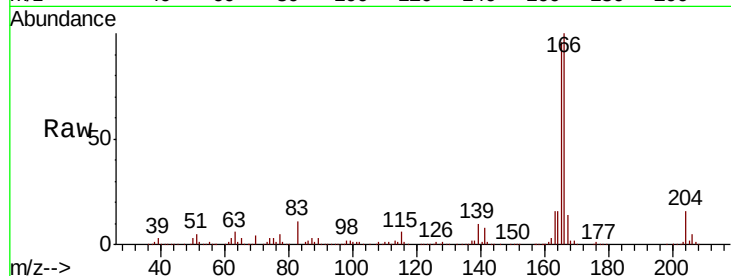
Tot Ion:166 Resp: 390427

Ion Ratio Lower Upper

166 100

165 95.7 77.9 116.9

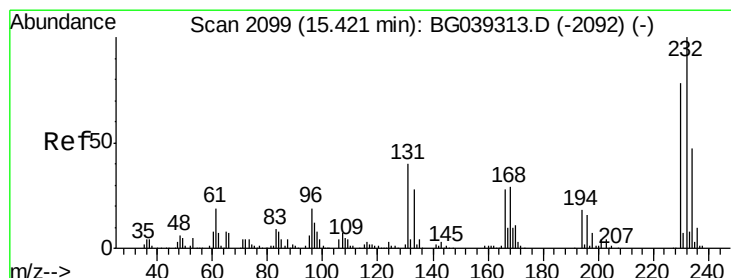
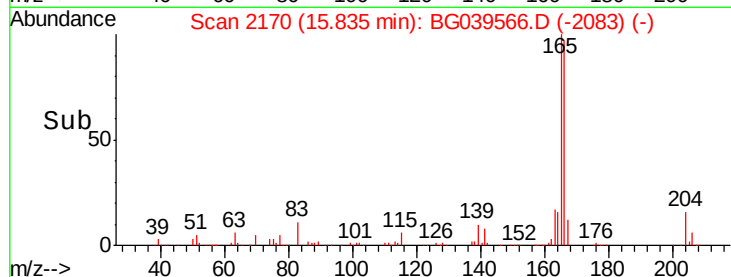
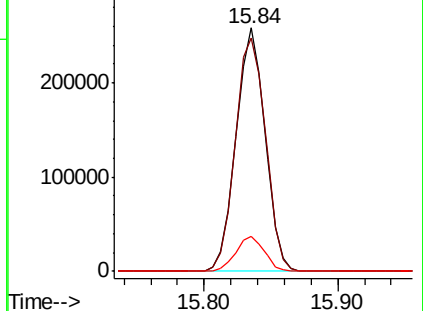
167 14.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 35.957 ng

RT: 15.41 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Tgt Ion:232 Resp: 113211

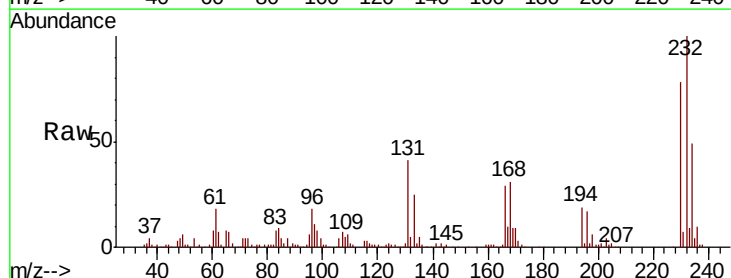
Ion Ratio Lower Upper

232 100

131 41.1 34.9 52.3

130 2.5 2.0 3.0

166 29.8 24.1 36.1

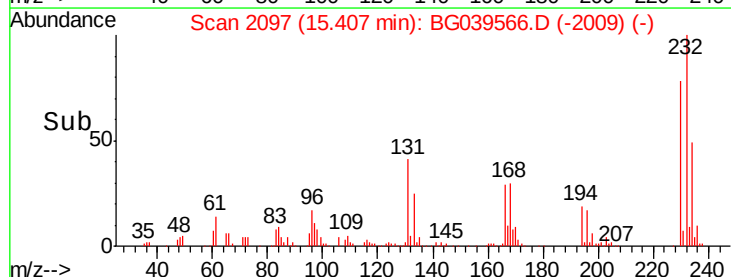
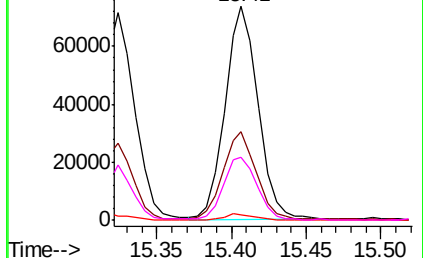


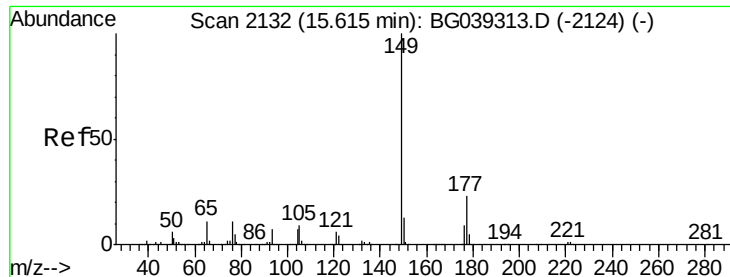
Abundance Ion 232.00 (231.70 to 232.70): E

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

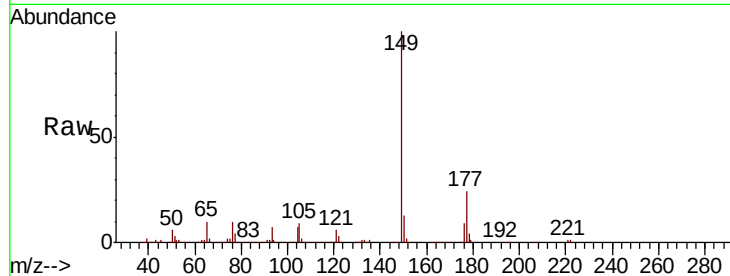




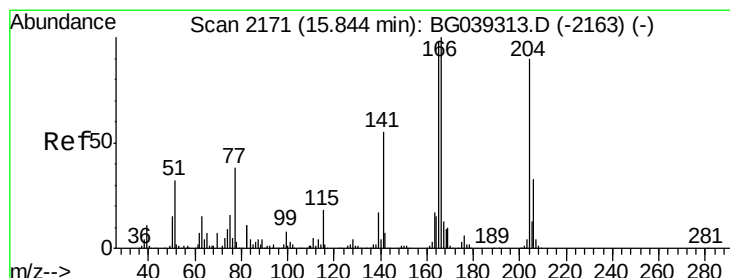
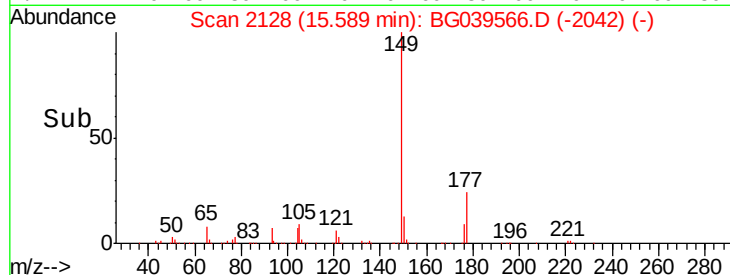
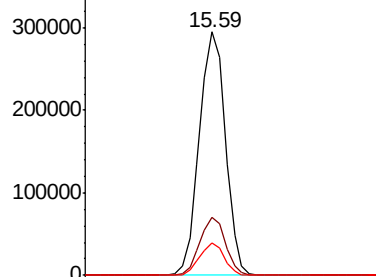
#60
Diethylphthalate
Concen: 30.555 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.03 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Instrument :
BNA_G
ClientSampleId :
MW-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.3	27.5
150	13.3	10.2	15.2

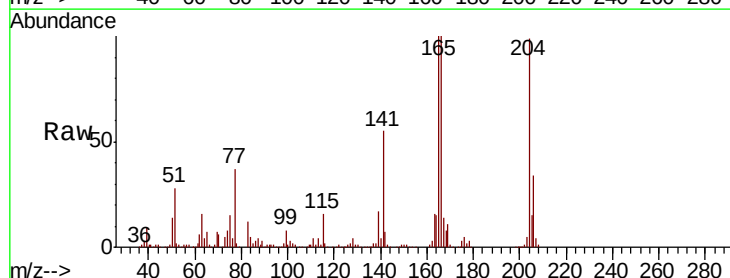


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

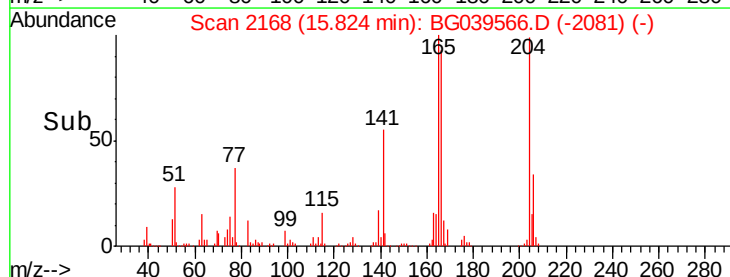
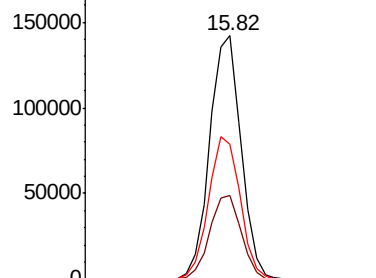


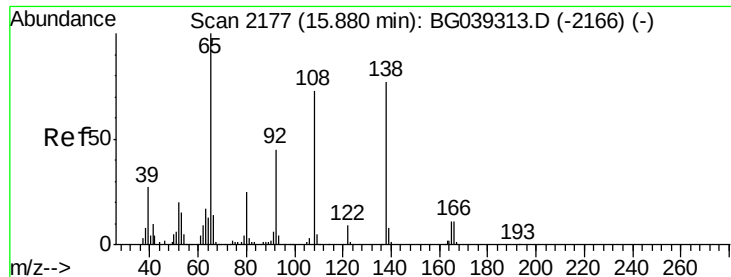
#61
4-Chlorophenyl-phenylether
Concen: 30.325 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	29.2	43.8
141	55.4	49.0	73.4



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





#62

4-Nitroaniline

Concen: 31.882 ng

RT: 15.86 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

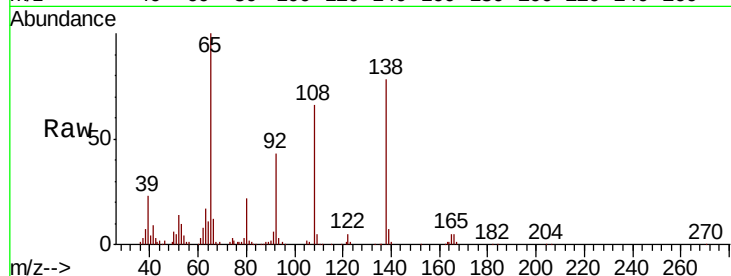
Tot Ion:138 Resp: 84258

Ion Ratio Lower Upper

138 100

92 55.7 38.7 78.7

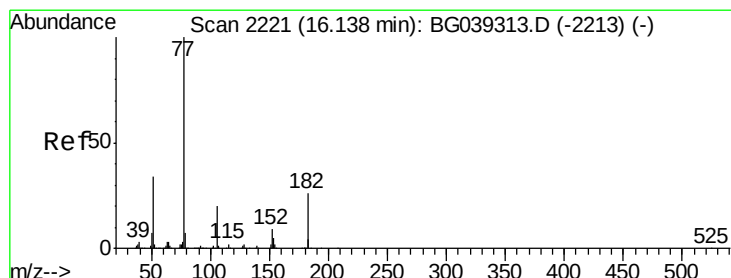
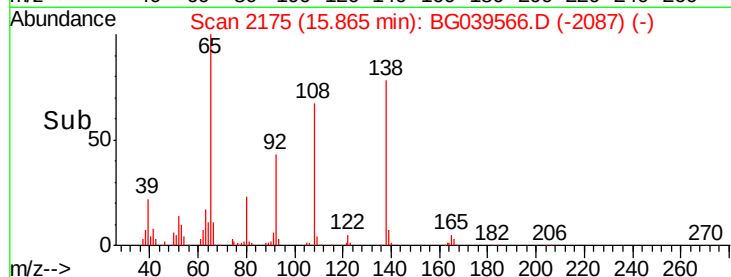
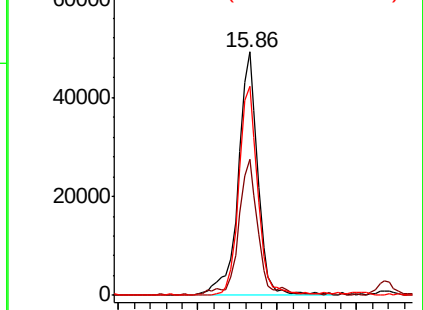
108 85.7 74.6 114.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 27.790 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.03 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Tgt Ion: 77 Resp: 371985

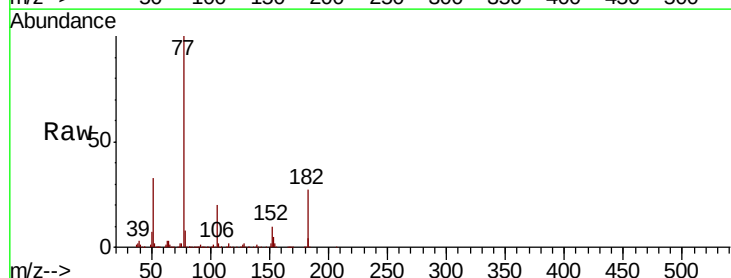
Ion Ratio Lower Upper

77 100

182 27.4 6.4 46.4

105 20.0 0.0 39.8

51 33.4 14.1 54.1

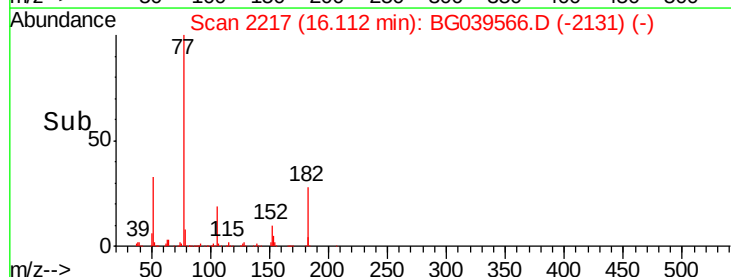
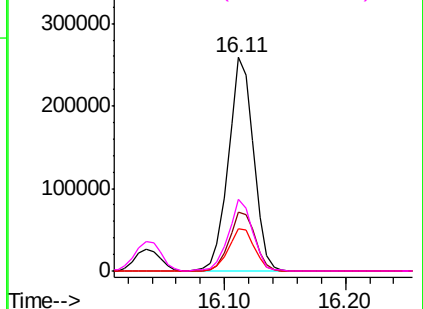


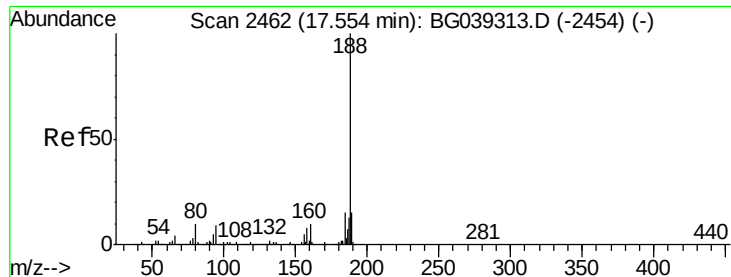
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

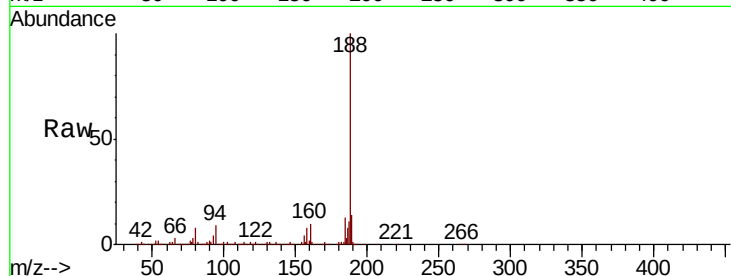
Tot Ion:188 Resp: 373200

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

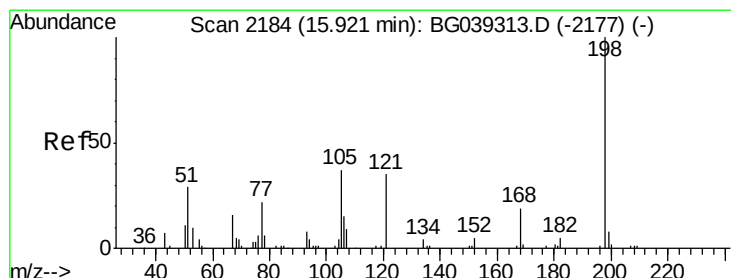
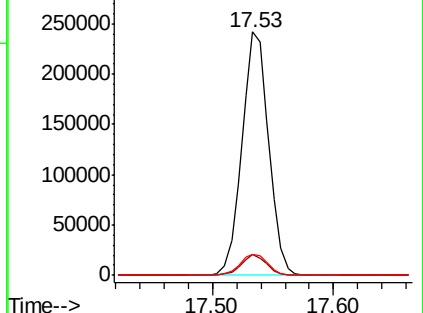
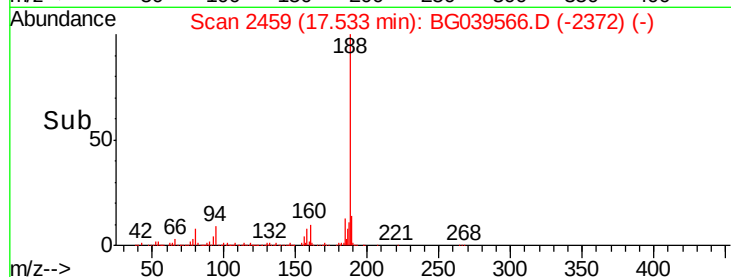
80 8.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#65

4,6-Dinitro-2-methylphenol

Concen: 44.869 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

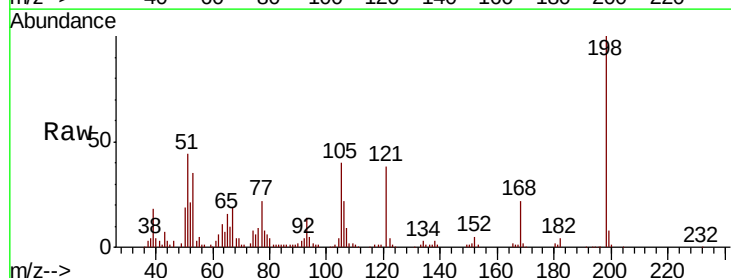
Tgt Ion:198 Resp: 64185

Ion Ratio Lower Upper

198 100

51 43.6 27.4 67.4

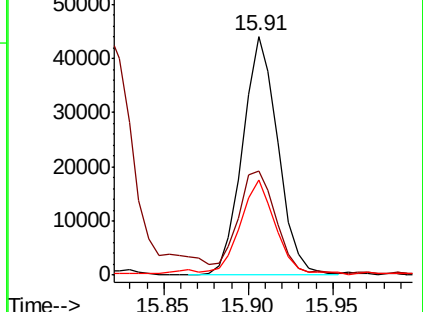
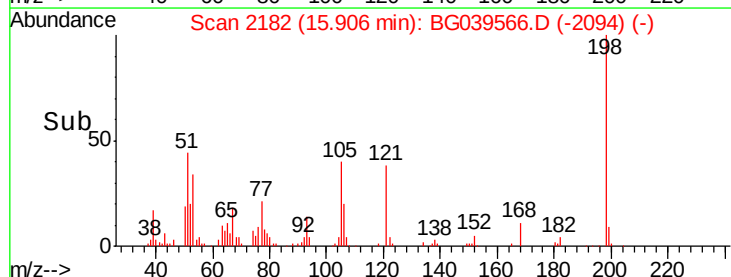
105 39.7 19.7 59.7

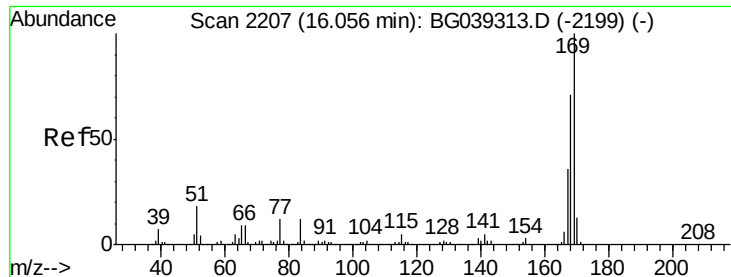


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 31.739 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

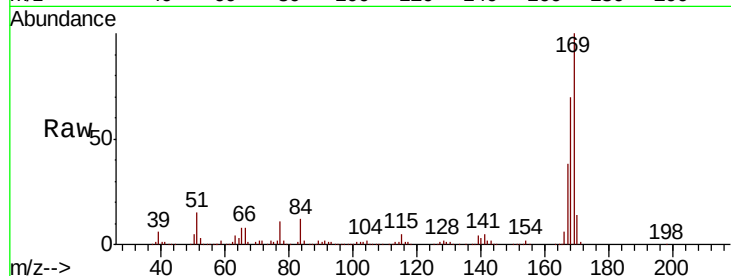
Tot Ion:169 Resp: 360169

Ion Ratio Lower Upper

169 100

168 69.7 56.6 85.0

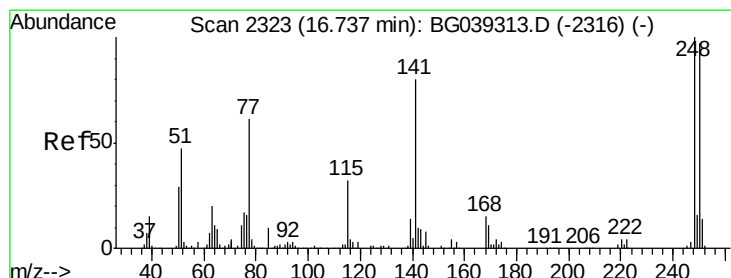
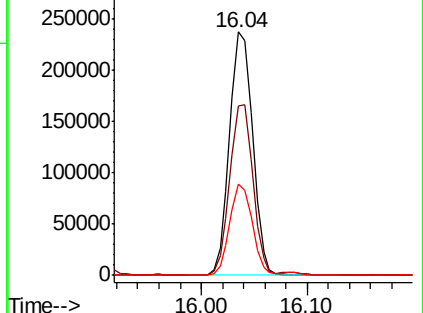
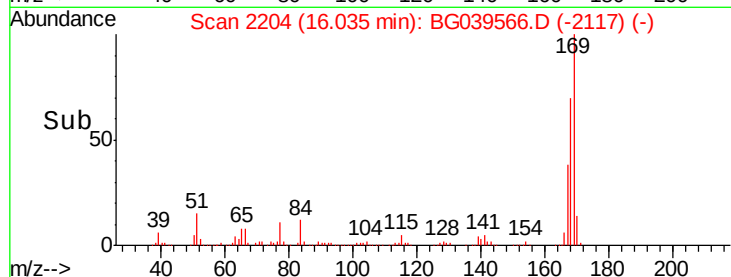
167 37.7 28.8 43.2



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: 32.156 ng

RT: 16.72 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

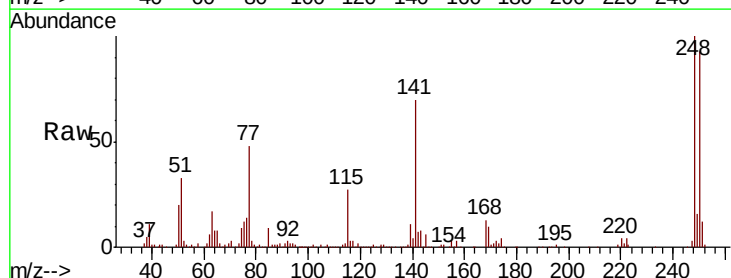
Tgt Ion:248 Resp: 133132

Ion Ratio Lower Upper

248 100

250 93.5 77.6 116.4

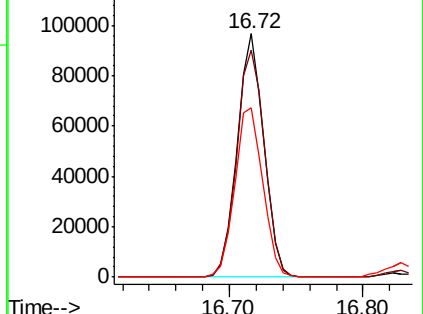
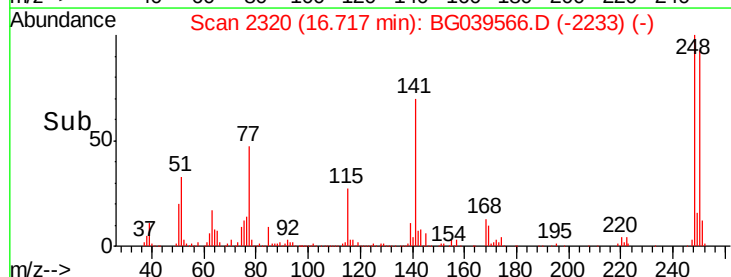
141 69.8 63.9 95.9

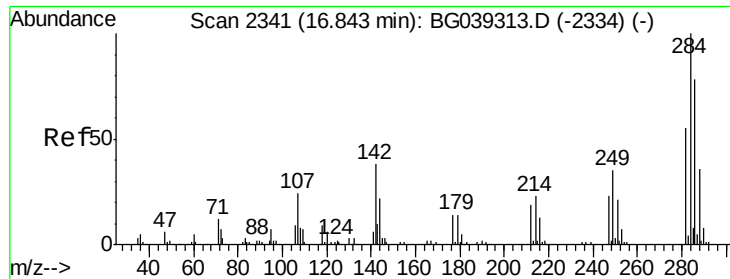


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 32.712 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

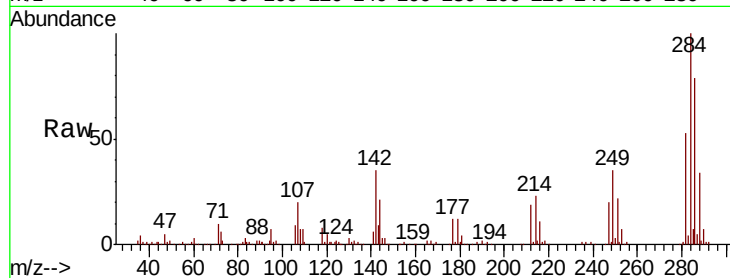
Tot Ion:284 Resp: 135884

Ion Ratio Lower Upper

284 100

142 35.0 30.6 45.8

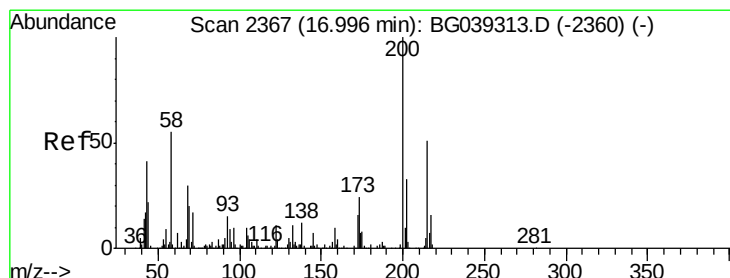
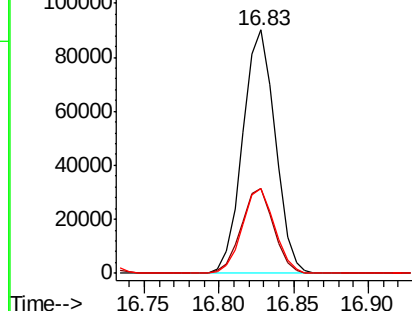
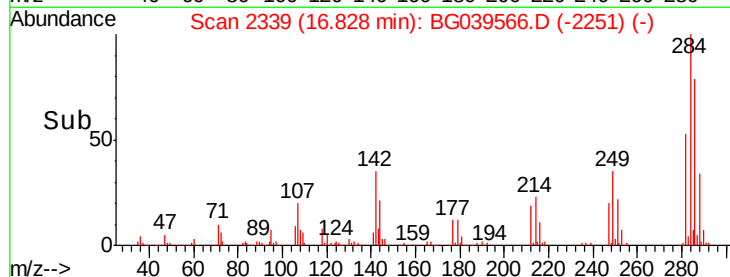
249 34.9 28.2 42.2



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: 29.618 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

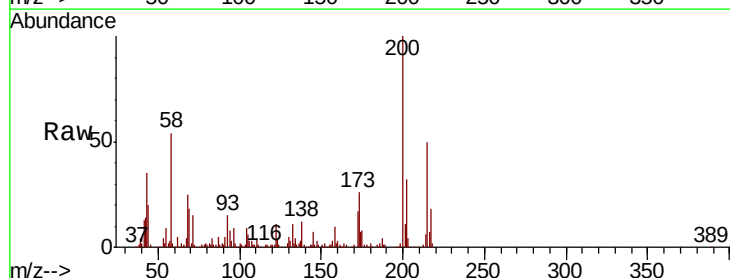
Tgt Ion:200 Resp: 122823

Ion Ratio Lower Upper

200 100

173 25.5 3.9 43.9

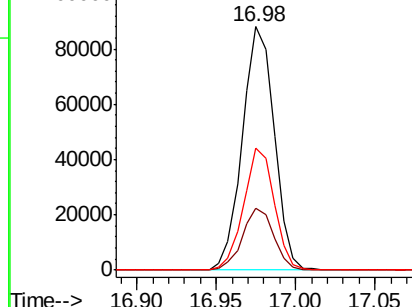
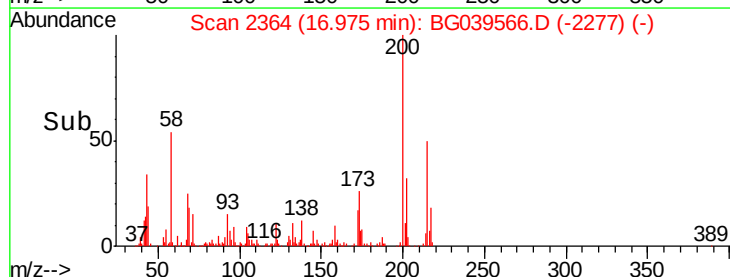
215 49.9 30.9 70.9

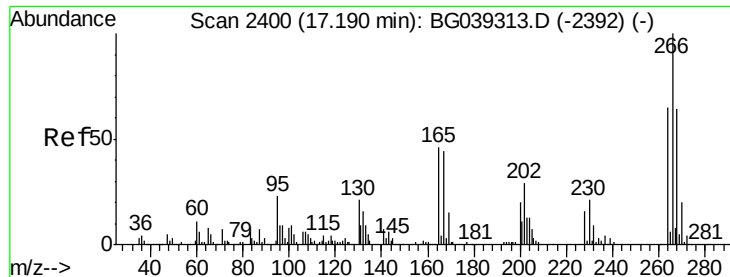


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

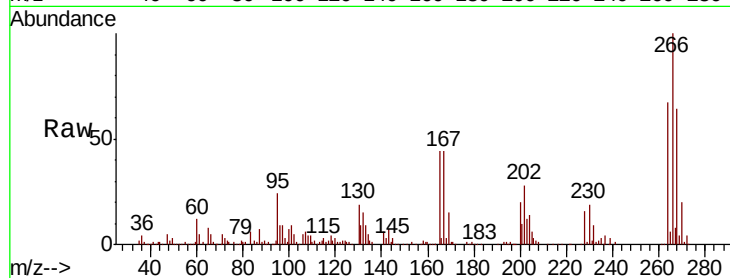




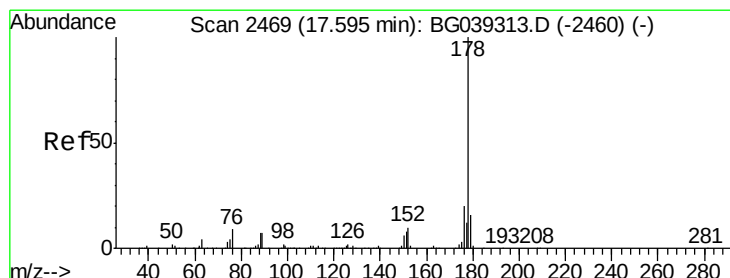
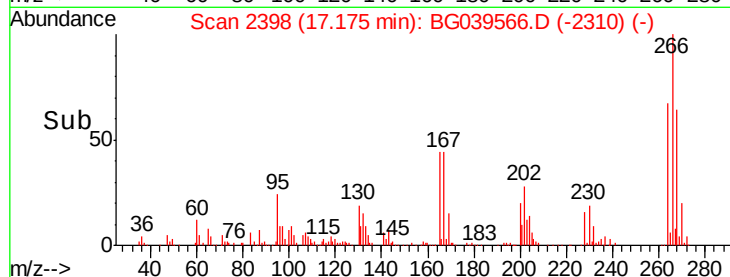
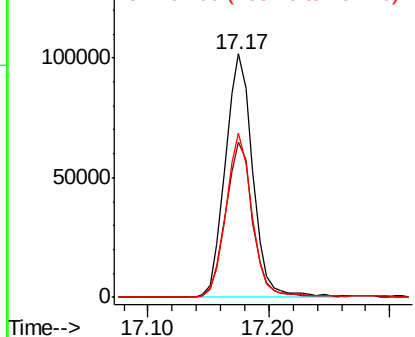
#70
 Pentachlorophenol
 Concen: 55.859 ng
 RT: 17.17 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BG039566.D
 Acq: 19 Feb 2019 22:22

Instrument :
 BNA_G
 ClientSampleId :
 MW-1MS

Tot Ion:266 Resp: 161268
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 67.2 52.1 78.1

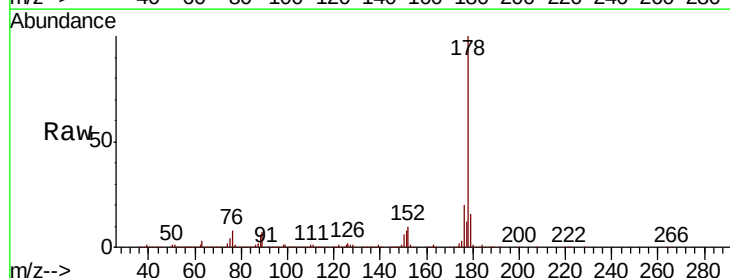


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

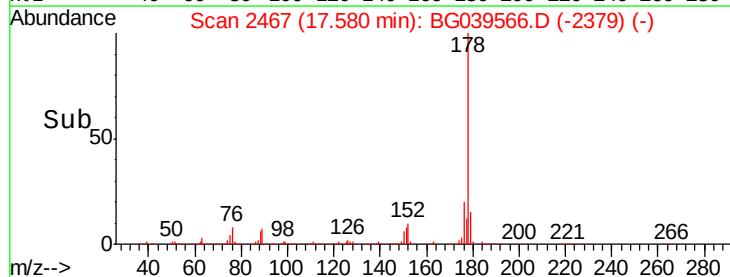
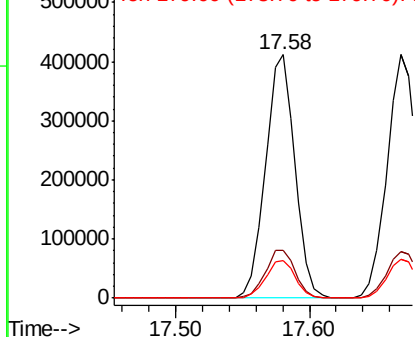


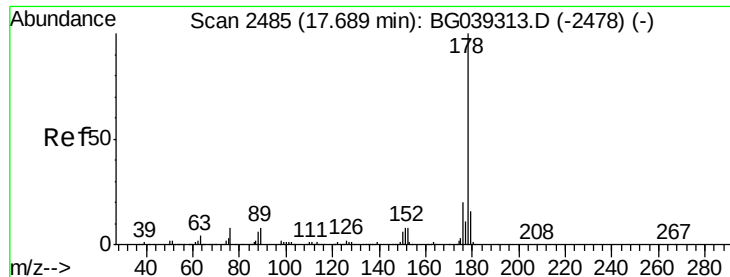
#71
 Phenanthrene
 Concen: 32.459 ng
 RT: 17.58 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BG039566.D
 Acq: 19 Feb 2019 22:22

Tgt Ion:178 Resp: 626967
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.5 12.6 19.0



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





#72

Anthracene

Concen: 33.627 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

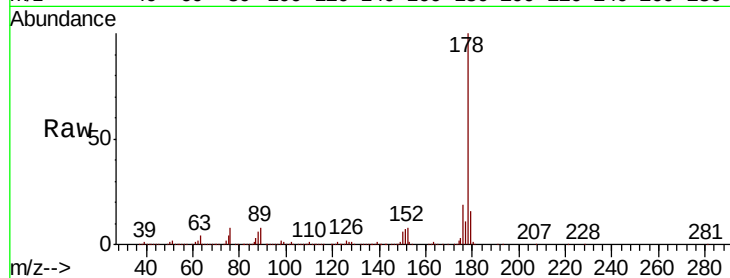
Tot Ion:178 Resp: 639796

Ion Ratio Lower Upper

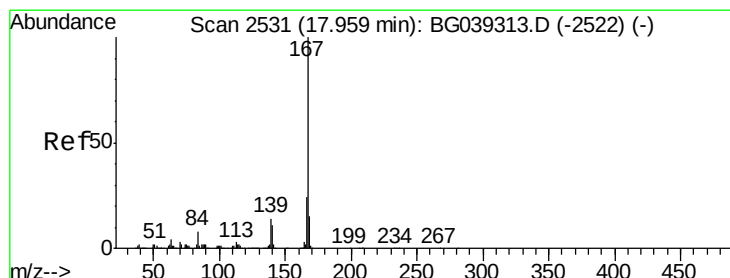
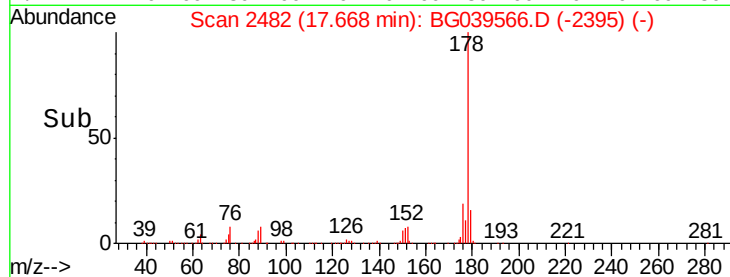
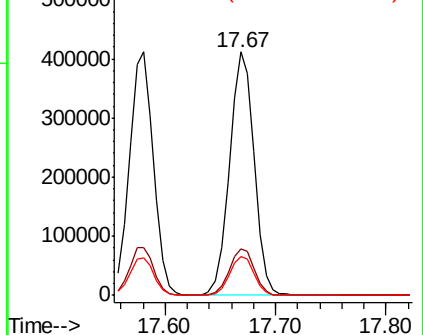
178 100

176 19.1 15.8 23.6

179 16.0 12.5 18.7



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



#73

Carbazole

Concen: 29.237 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

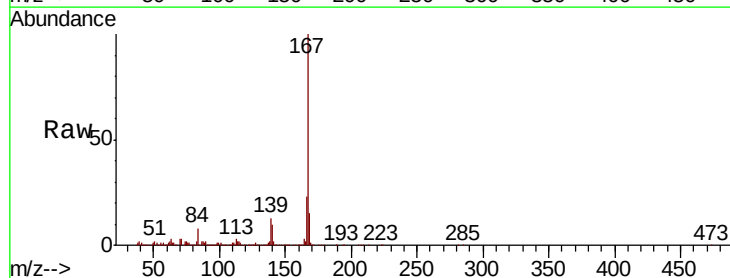
Tgt Ion:167 Resp: 555147

Ion Ratio Lower Upper

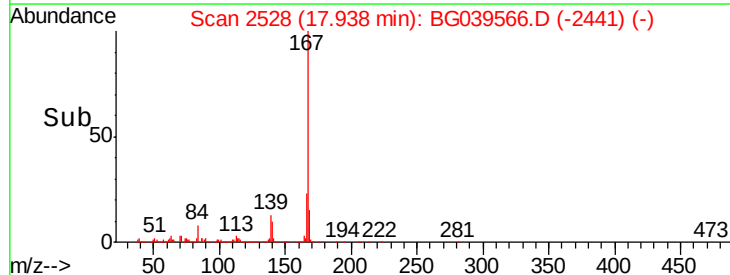
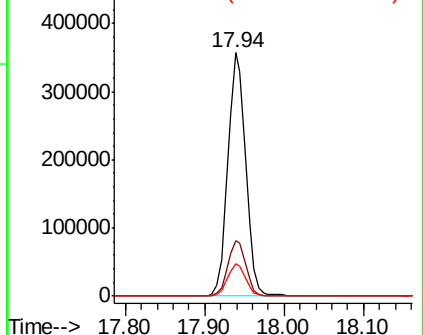
167 100

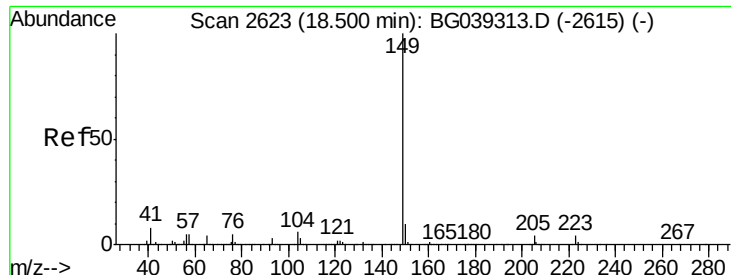
166 23.0 19.4 29.2

139 13.2 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 30.204 ng

RT: 18.47 min Scan# 2619

Delta R.T. -0.03 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

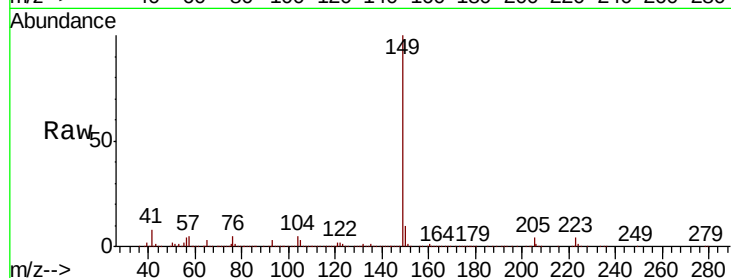
Tot Ion:149 Resp: 669069

Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

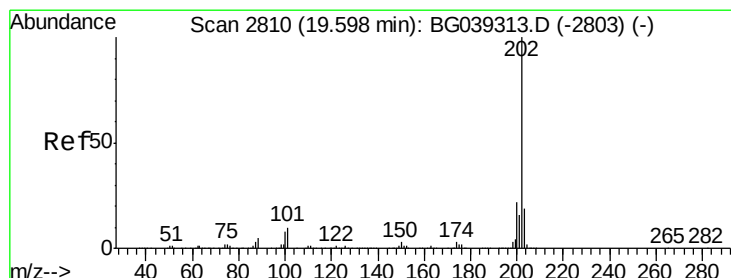
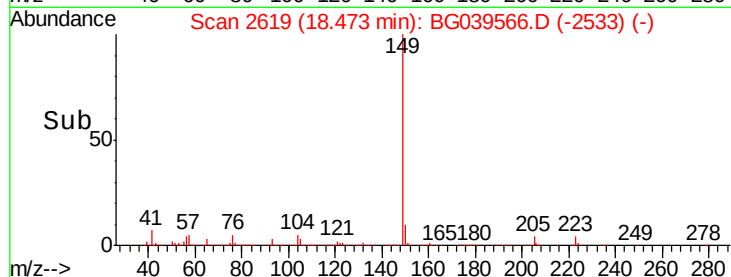
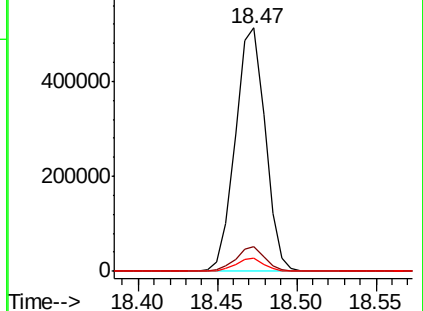
104 5.2 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 31.623 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

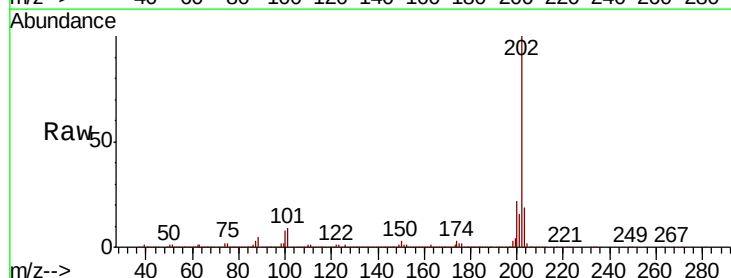
Tgt Ion:202 Resp: 708976

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.0

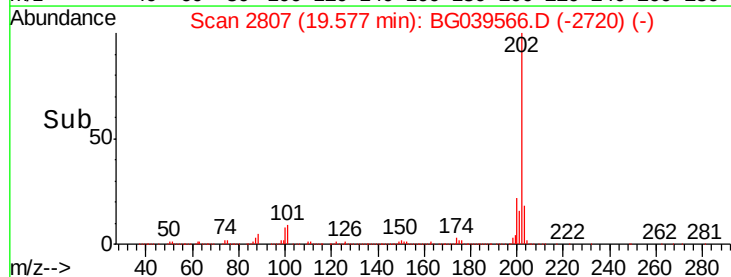
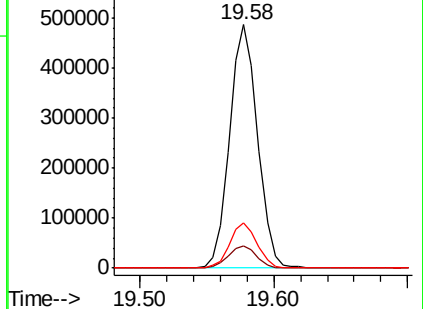
203 18.5 0.0 38.9

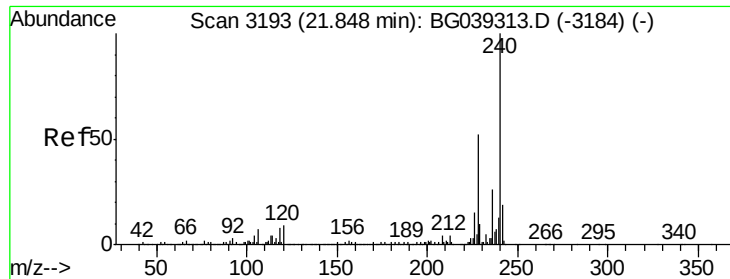


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

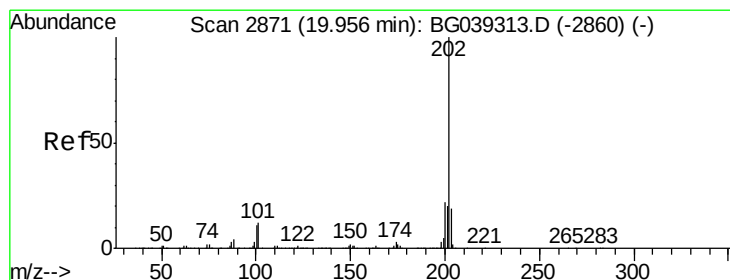
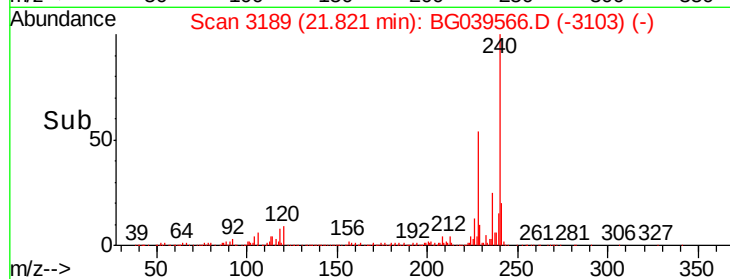
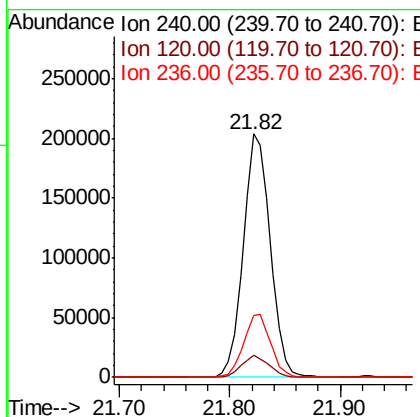
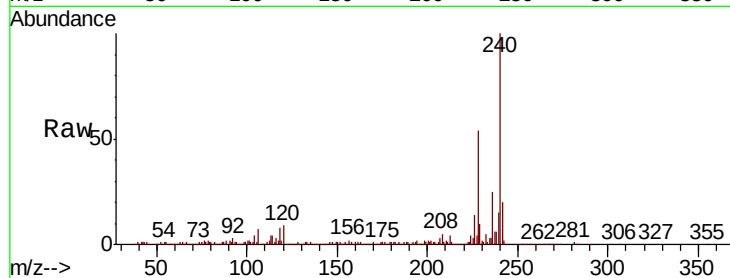




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

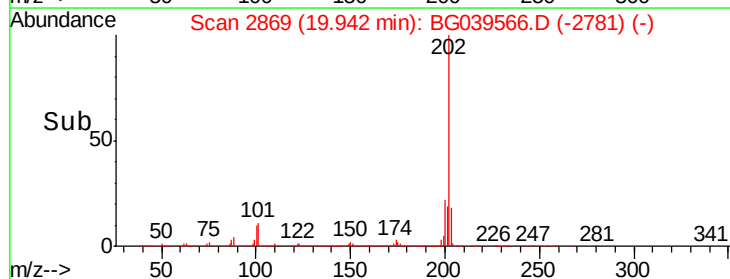
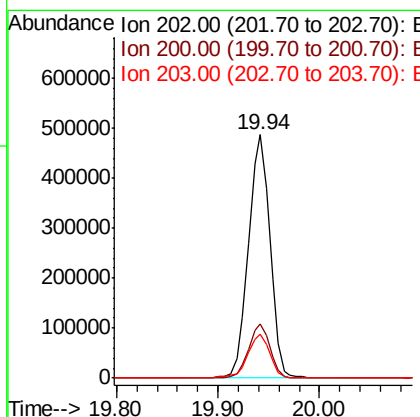
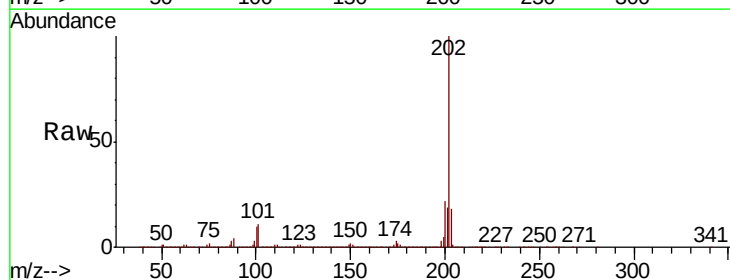
Instrument :
BNA_G
ClientSampleId :
MW-1MS

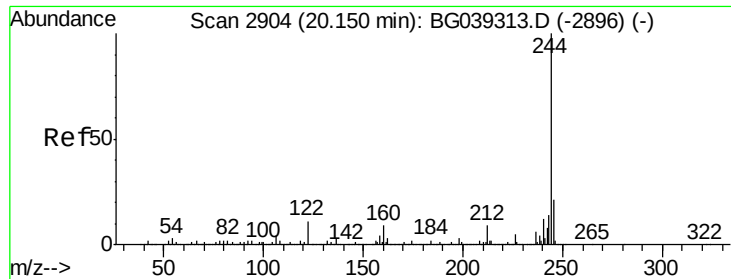
Tot Ion:240 Resp: 351032
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 25.3 21.0 31.4



#78
Pyrene
Concen: 32.926 ng
RT: 19.94 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Tgt Ion:202 Resp: 719514
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.8
203 18.1 15.3 22.9





#79

Terphenyl-d14

Concen: 68.157 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

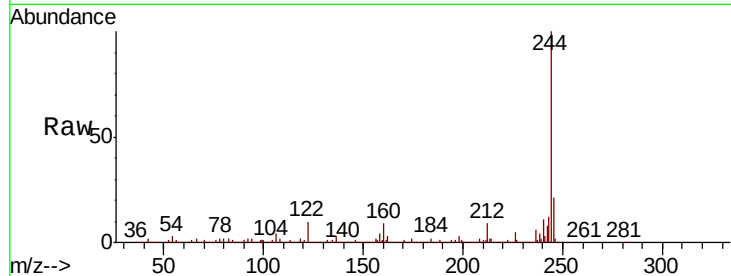
Tot Ion:244 Resp: 1130324

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

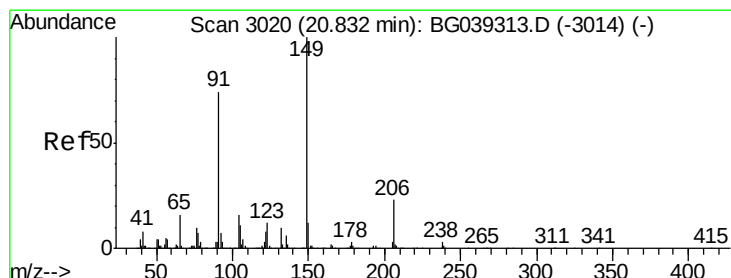
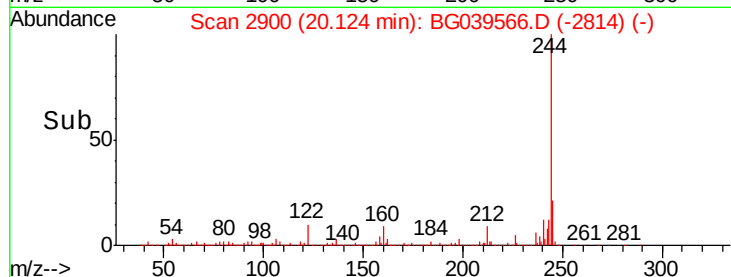
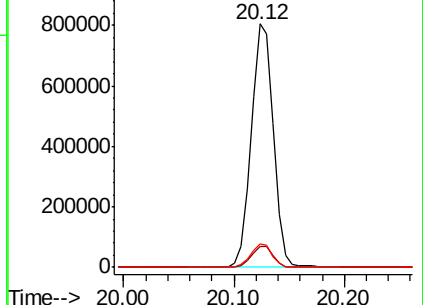
122 9.9 8.4 12.6



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: 32.972 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

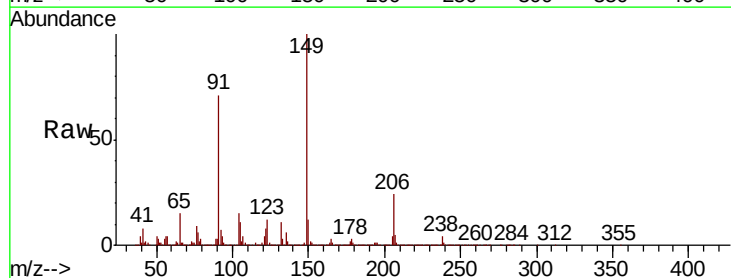
Tgt Ion:149 Resp: 303946

Ion Ratio Lower Upper

149 100

91 70.9 59.5 89.3

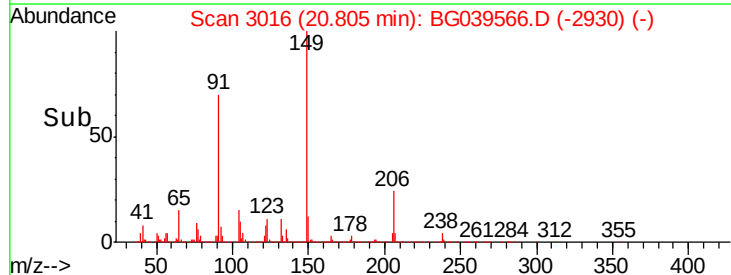
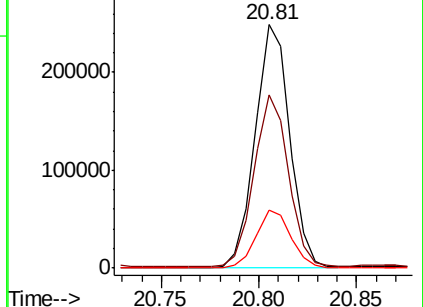
206 23.7 18.6 27.8

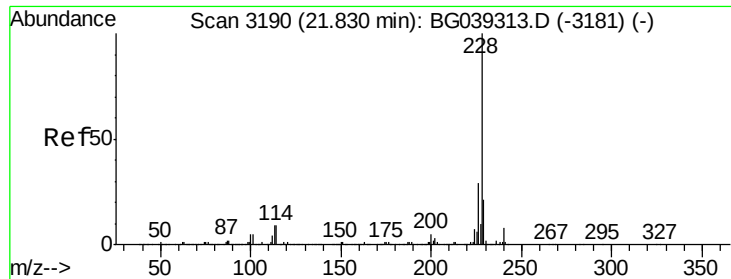


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.533 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.03 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

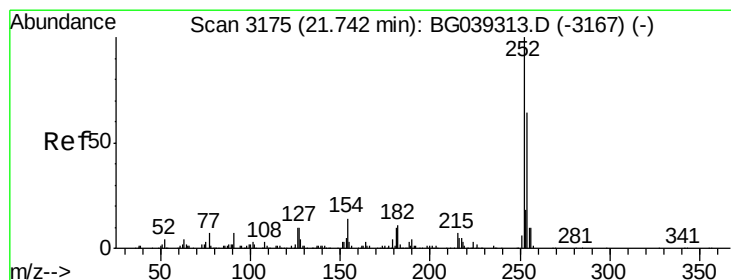
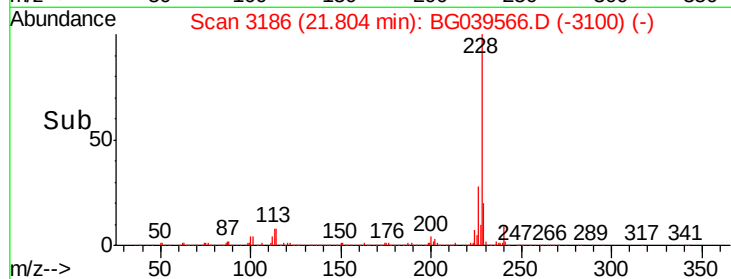
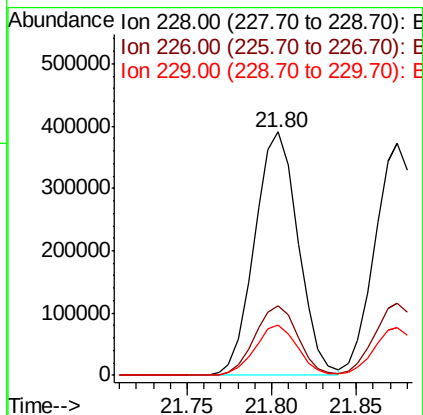
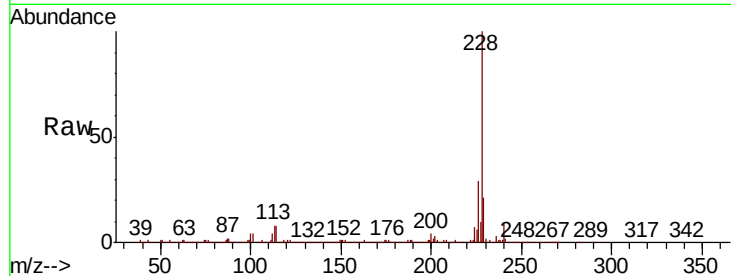
Instrument :

BNA_G

ClientSampled :

MW-1MS

Tot Ion:228	Resp:	695557
Ion	Ratio	Lower Upper
228	100	
226	28.5	23.0 34.6
229	20.5	16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 2.430 ng

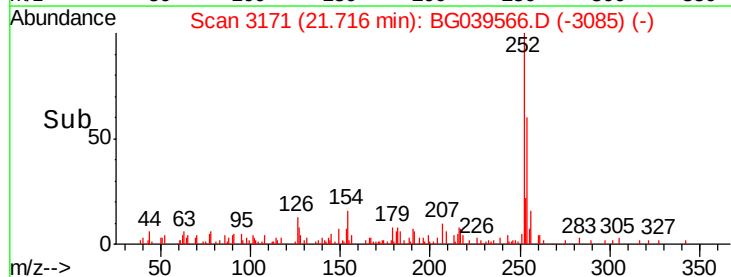
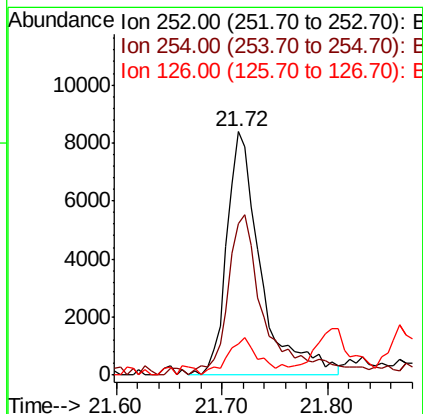
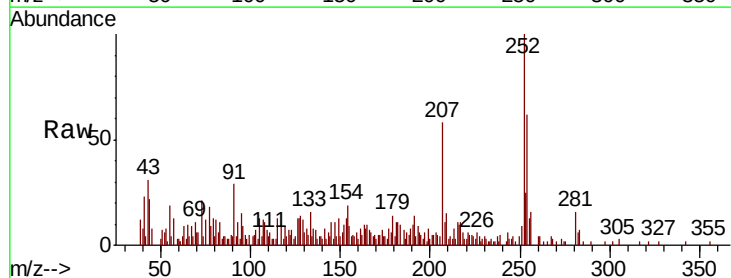
RT: 21.72 min Scan# 3171

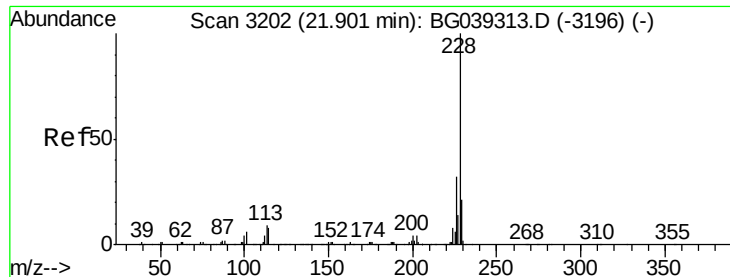
Delta R.T. -0.03 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Tgt Ion:252	Resp:	18686
Ion	Ratio	Lower Upper
252	100	
254	62.0	51.3 76.9
126	12.8	8.0 12.0#





#83

Chrysene

Concen: 33.241 ng

RT: 21.87 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

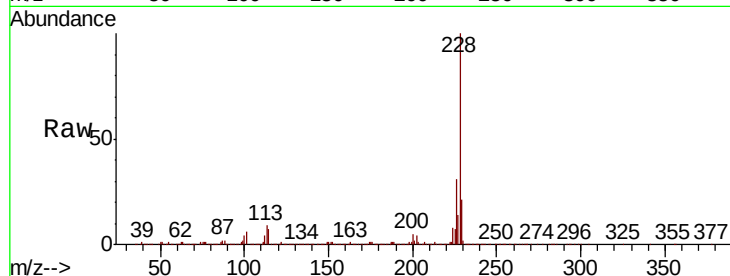
BNA_G

ClientSampleId :

MW-1MS

Tot Ion:228 Resp: 656347

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.8	38.6
229	20.7	16.6	25.0

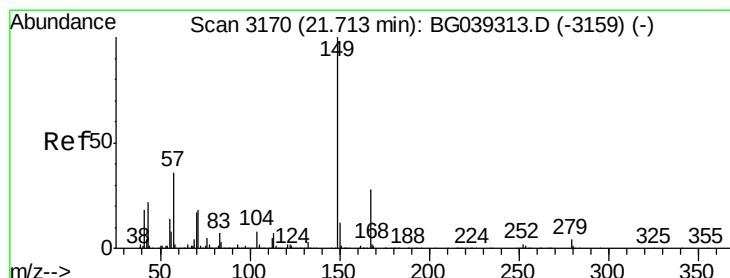
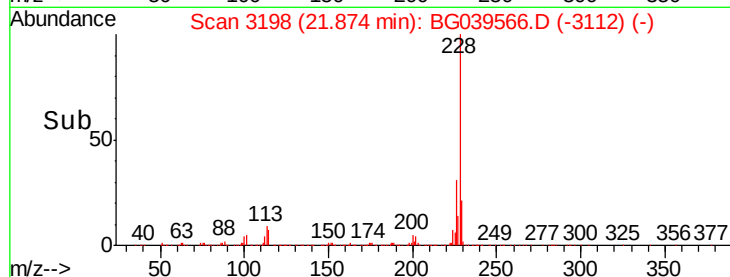
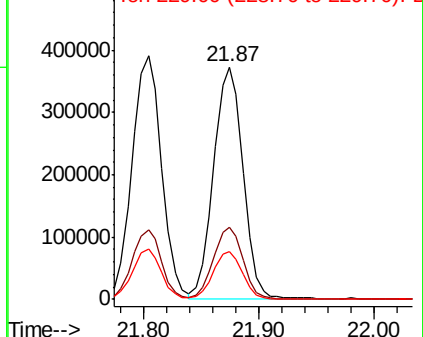


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.487 ng

RT: 21.67 min Scan# 3163

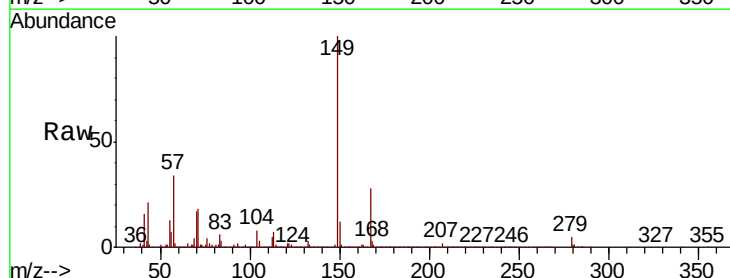
Delta R.T. -0.04 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Tgt Ion:149 Resp: 427247

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.6	34.0
279	4.6	3.5	5.3

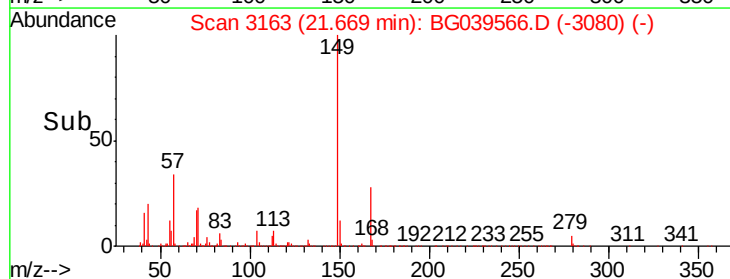
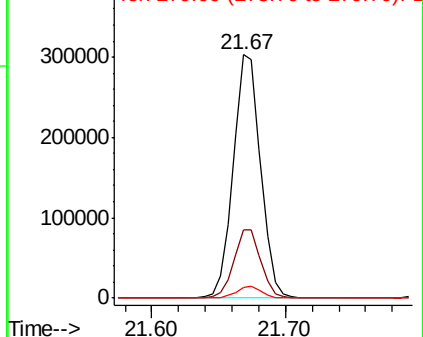


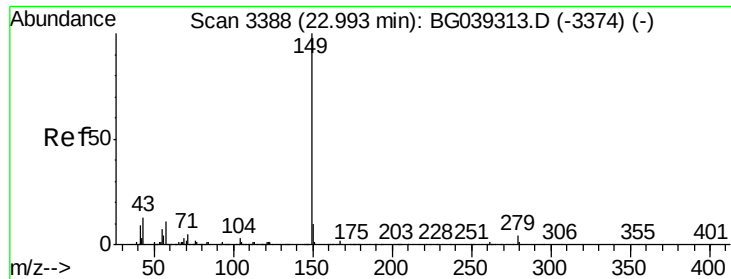
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.346 ng

RT: 22.93 min Scan# 3378

Delta R.T. -0.06 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

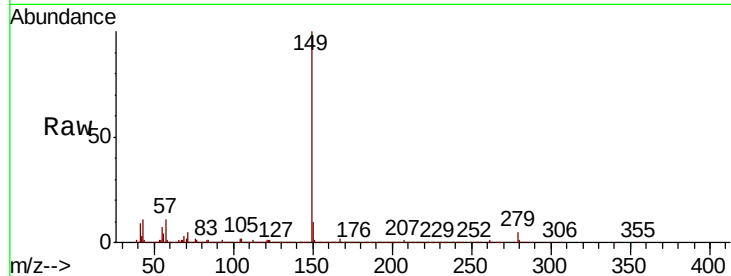
Tot Ion:149 Resp: 724511

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

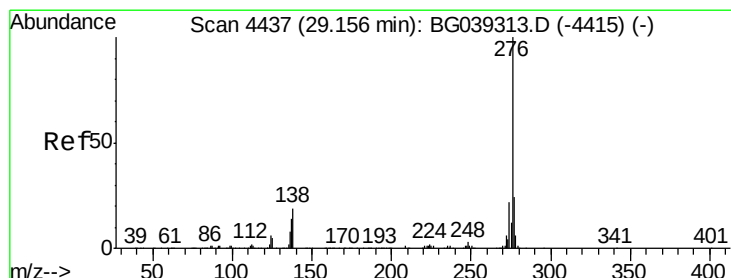
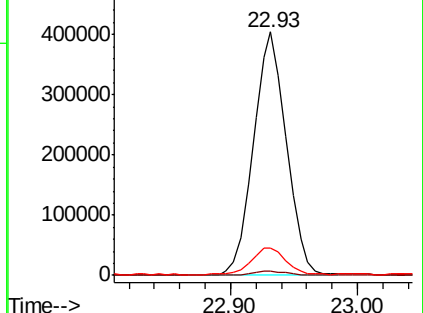
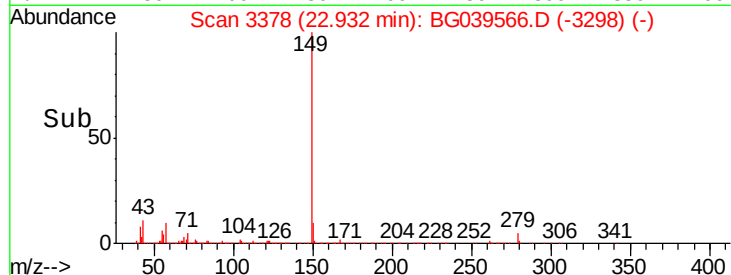
43 11.2 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.312 ng

RT: 29.07 min Scan# 4423

Delta R.T. -0.09 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

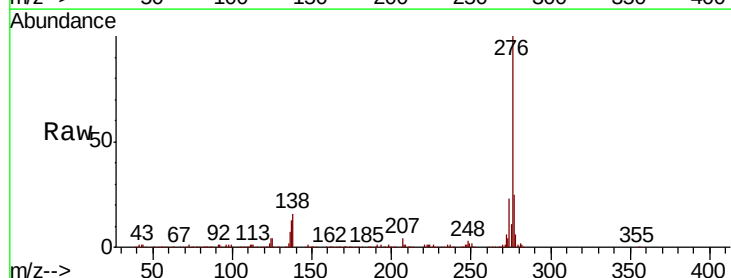
Tgt Ion:276 Resp: 705712

Ion Ratio Lower Upper

276 100

138 14.8 12.6 19.0

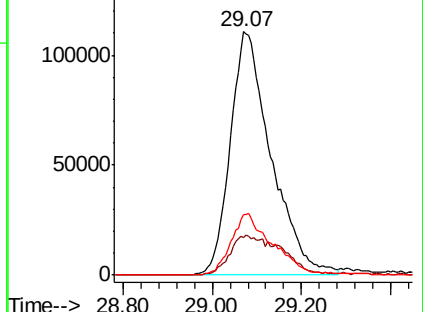
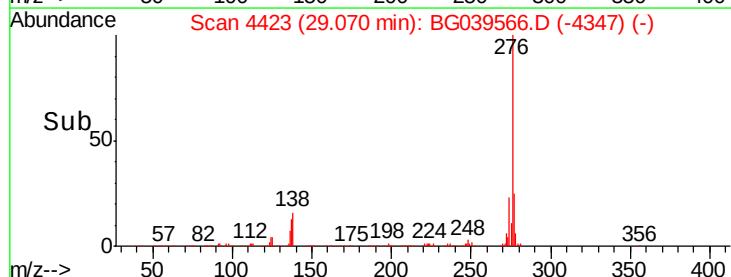
277 25.3 20.8 31.2

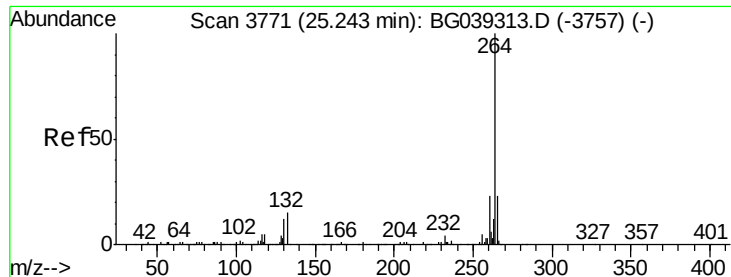


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

Instrument :

BNA_G

ClientSampleId :

MW-1MS

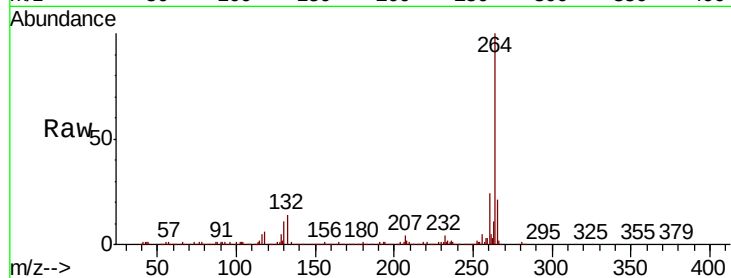
Tot Ion:264 Resp: 353636

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	20.8	18.5	27.7

264 100

260 24.2 18.2 27.4

265 20.8 18.5 27.7

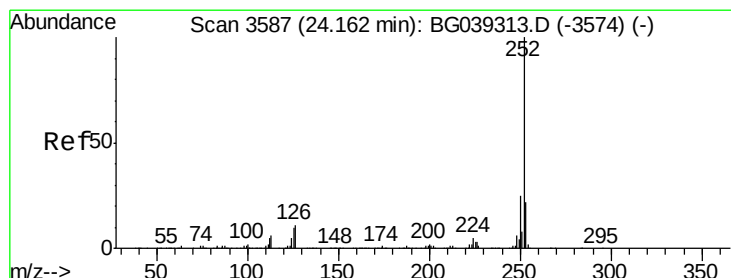
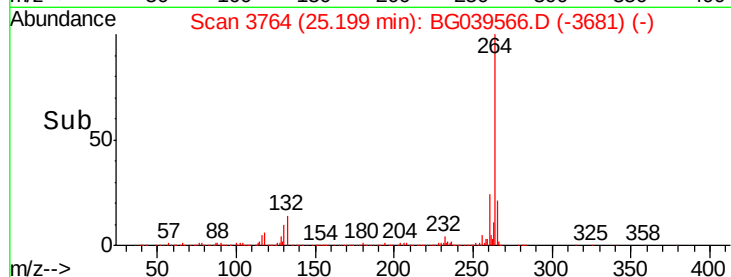
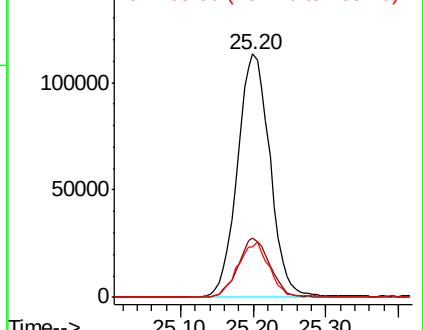


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 33.315 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.04 min

Lab File: BG039566.D

Acq: 19 Feb 2019 22:22

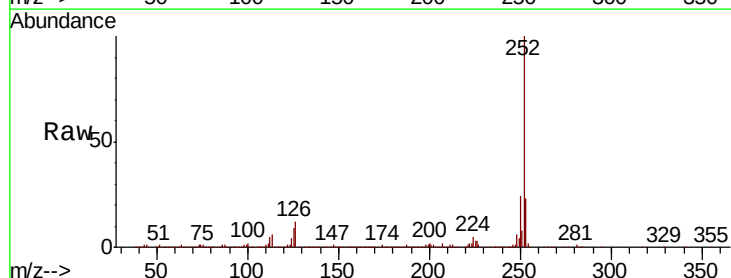
Tgt Ion:252 Resp: 642497

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	8.9	7.8	11.6

252 100

253 23.4 17.8 26.8

125 8.9 7.8 11.6

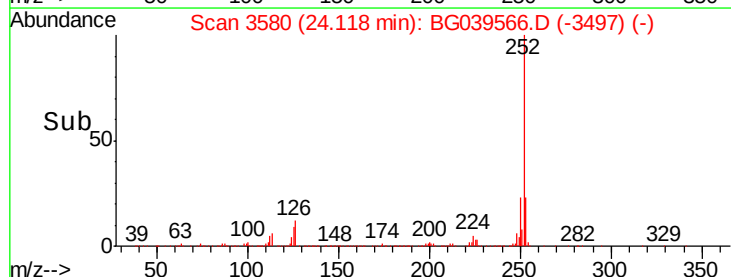
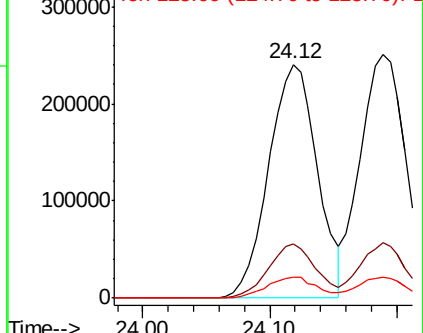


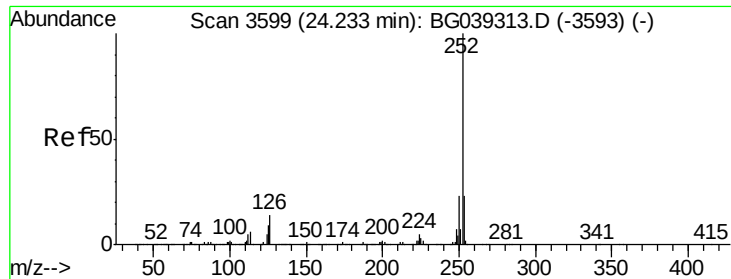
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

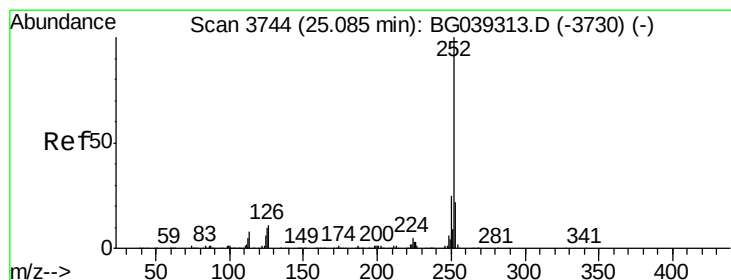
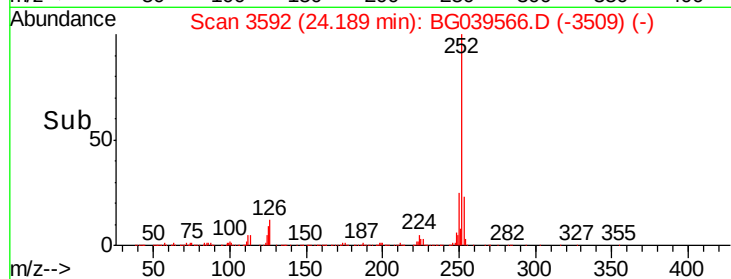
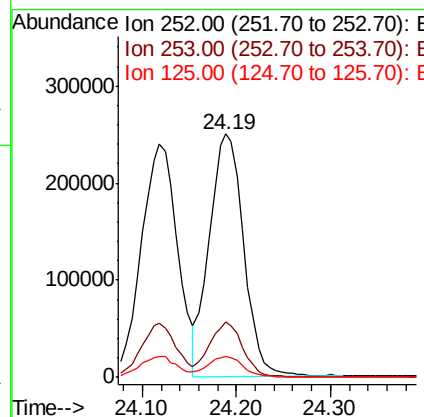
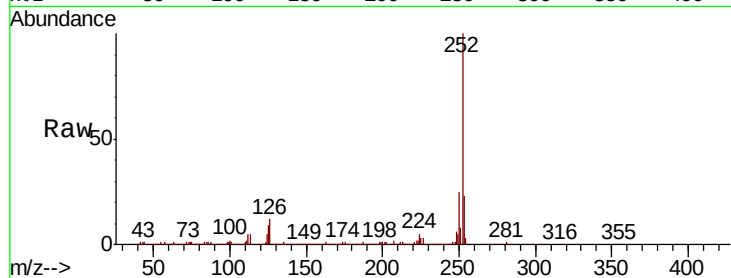




#89
Benzo(k)fluoranthene
Concen: 32.808 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.04 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

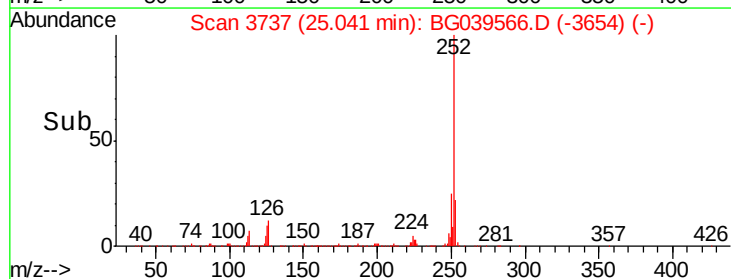
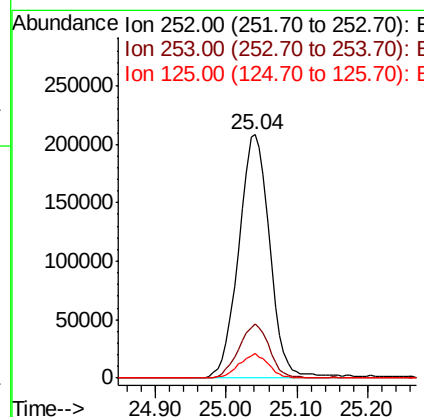
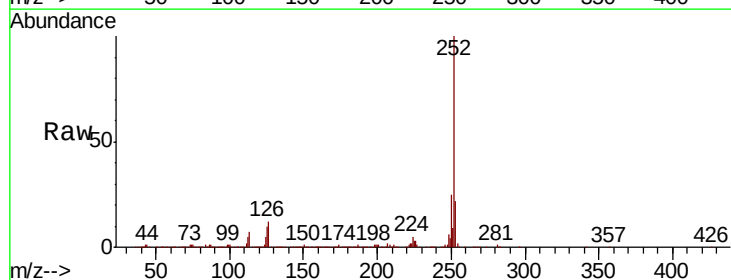
Instrument :
BNA_G
ClientSampleId :
MW-1MS

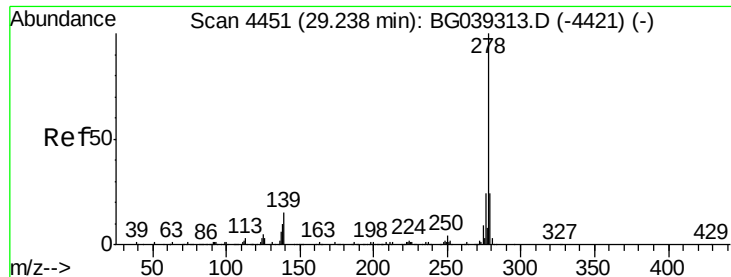
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	8.6	7.4	11.2



#90
Benzo(a)pyrene
Concen: 34.189 ng
RT: 25.04 min Scan# 3737
Delta R.T. -0.04 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.3	8.3	12.5

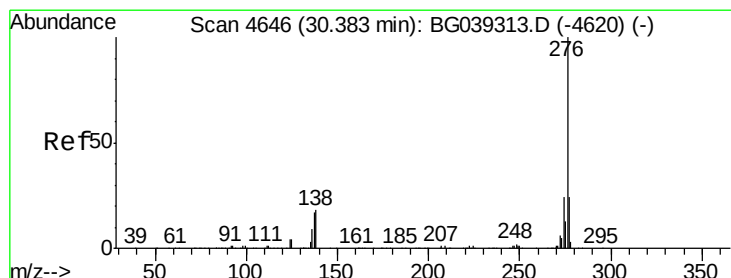
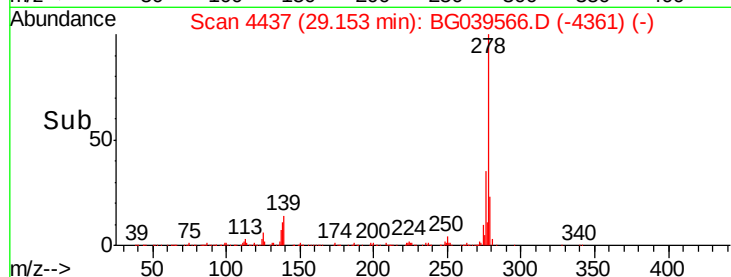
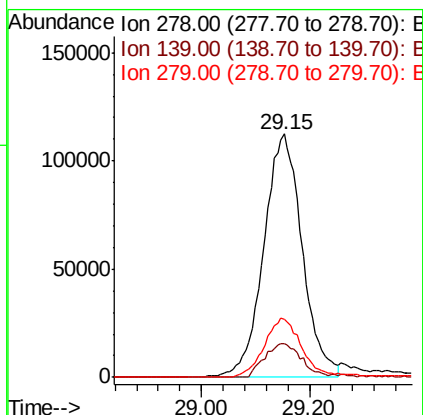
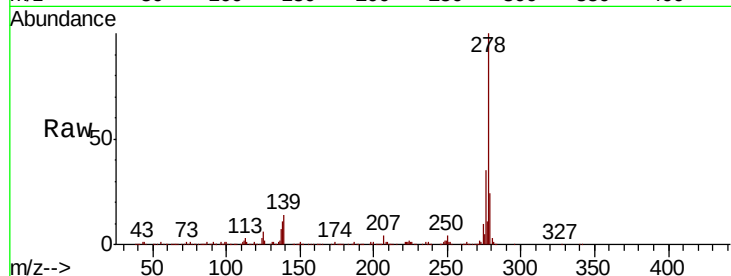




#91
Dibenzo(a,h)anthracene
Concen: 31.871 ng
RT: 29.15 min Scan# 4437
Delta R.T. -0.09 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Instrument :
BNA_G
ClientSampleId :
MW-1MS

Tot Ion:278 Resp: 554374
Ion Ratio Lower Upper
278 100
139 13.7 11.7 17.5
279 23.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 34.408 ng
RT: 30.30 min Scan# 4633
Delta R.T. -0.08 min
Lab File: BG039566.D
Acq: 19 Feb 2019 22:22

Tgt Ion:276 Resp: 596533
Ion Ratio Lower Upper
276 100
277 23.9 19.6 29.4
138 17.4 14.7 22.1

