

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012119\
 Data File : BG039233.D
 Acq On : 21 Jan 2019 14:42
 Operator : JU/SJ
 Sample : K1205-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

Quant Time: Jan 21 15:45:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	17806	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	72720	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	52954	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	128880	20.00	ng	0.00
76) Chrysene-d12	21.68	240	137798	20.00	ng	0.00
87) Perylene-d12	24.93	264	147285	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	159049	169.44	ng	0.00
7) Phenol-d6	7.18	99	217447	160.97	ng	0.00
23) Nitrobenzene-d5	9.19	82	127063	95.61	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	129674	146.09	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	360959	93.29	ng	0.00
79) Terphenyl-d14	20.00	244	662464	88.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	14992	40.786	ng	91
3) Pyridine	3.84	79	40572	40.621	ng	97
4) n-Nitrosodimethylamine	3.76	42	25845	57.504	ng	95
6) Aniline	7.34	93	55997	34.517	ng	97
8) 2-Chlorophenol	7.58	128	57485	51.953	ng	97
9) Benzaldehyde	7.15	77	13322	17.101	ng	98
10) Phenol	7.20	94	83528	61.675	ng	94
11) bis(2-Chloroethyl)ether	7.43	93	48006	46.378	ng	100
12) 1,3-Dichlorobenzene	7.89	146	59886	45.174	ng	98
13) 1,4-Dichlorobenzene	8.04	146	61547	45.841	ng	99
14) 1,2-Dichlorobenzene	8.36	146	59463	46.451	ng	94
15) Benzyl Alcohol	8.25	79	52788	51.891	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	95307	48.018	ng	99
17) 2-Methylphenol	8.45	107	49787	52.942	ng	98
18) Hexachloroethane	9.08	117	21163	46.397	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	41401	46.672	ng	96
20) 3+4-Methylphenols	8.79	107	70121	52.299	ng	99
22) Acetophenone	8.84	105	84284	44.381	ng	# 99
24) Nitrobenzene	9.23	77	62565	46.577	ng	99
25) Isophorone	9.74	82	120026	52.431	ng	100
26) 2-Nitrophenol	9.94	139	35230	48.488	ng	92
27) 2,4-Dimethylphenol	9.99	122	59858	58.558	ng	94
28) bis(2-Chloroethoxy)methane	10.23	93	68016	49.437	ng	95
29) 2,4-Dichlorophenol	10.47	162	68550	53.981	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	71305	46.732	ng	99
31) Naphthalene	10.88	128	183413	50.288	ng	98
32) Benzoic acid	10.15	122	13605	26.829	ng	93
33) 4-Chloroaniline	11.00	127	23185	14.207	ng	96
34) Hexachlorobutadiene	11.13	225	46521	44.310	ng	99
35) Caprolactam	11.80	113	10885	21.376	ng	98
36) 4-Chloro-3-methylphenol	12.11	107	70853	52.166	ng	92
37) 2-Methylnaphthalene	12.48	142	141164	51.624	ng	99
38) 1-Methylnaphthalene	12.70	142	135950	51.797	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	92218	46.370	ng	99

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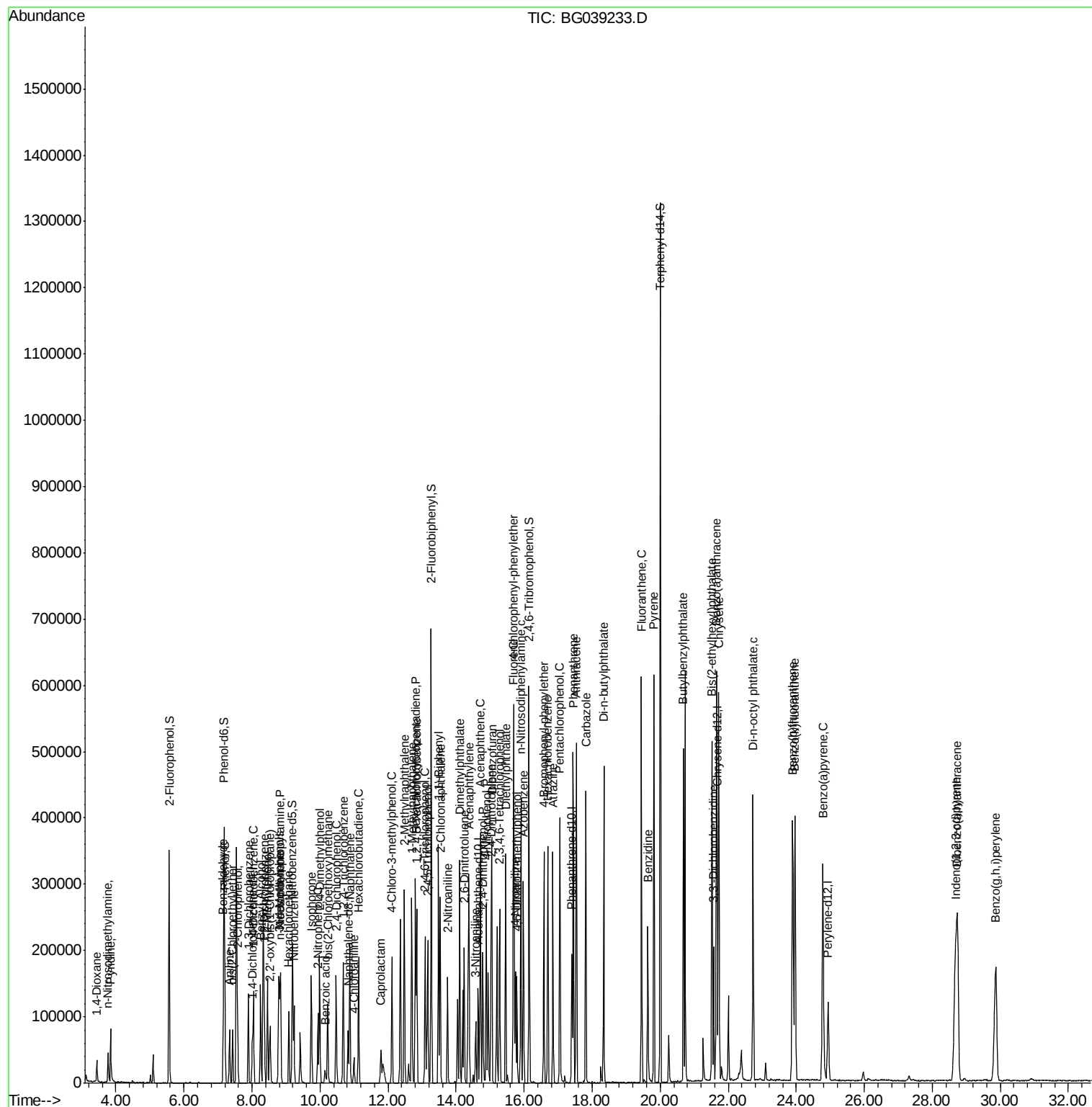
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	99534	88.229	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	63421	50.670	ng	99
44) 2,4,5-Trichlorophenol	13.16	196	68408	51.711	ng	99
46) 1,1'-Biphenyl	13.48	154	191519	45.644	ng	100
47) 2-Chloronaphthalene	13.53	162	156229	46.011	ng	99
48) 2-Nitroaniline	13.75	65	47024	49.434	ng	96
49) Acenaphthylene	14.38	152	253740	49.718	ng	99
50) Dimethylphthalate	14.10	163	238361	53.267	ng	98
51) 2,6-Dinitrotoluene	14.24	165	47030	47.008	ng	96
52) Acenaphthene	14.72	154	148174	48.322	ng	96
53) 3-Nitroaniline	14.57	138	25602	25.226	ng	99
54) 2,4-Dinitrophenol	14.79	184	53943	89.498	ng	95
55) Dibenzofuran	15.05	168	251638	46.465	ng	100
56) 4-Nitrophenol	14.89	139	71566	98.002	ng	96
57) 2,4-Dinitrotoluene	15.03	165	67399	46.957	ng	97
58) Fluorene	15.70	166	201888	49.526	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	65684	52.599	ng	98
60) Diethylphthalate	15.46	149	211373	45.846	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	116388	45.319	ng	97
62) 4-Nitroaniline	15.74	138	45786	43.306	ng	96
63) Azobenzene	15.98	77	166227	46.104	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	44557	46.665	ng	93
66) n-Nitrosodiphenylamine	15.91	169	184918	48.400	ng	98
67) 4-Bromophenyl-phenylether	16.58	248	78650	47.474	ng	97
68) Hexachlorobenzene	16.70	284	83354	46.109	ng	98
69) Atrazine	16.85	200	73720	45.420	ng	93
70) Pentachlorophenol	17.05	266	89503	80.124	ng	97
71) Phenanthrene	17.45	178	345830	50.766	ng	99
72) Anthracene	17.54	178	349850	51.942	ng	99
73) Carbazole	17.81	167	309101	46.488	ng	99
74) Di-n-butylphthalate	18.34	149	348261	47.082	ng	99
75) Fluoranthene	19.45	202	422980	50.087	ng	98
77) Benzidine	19.64	184	152490	36.180	ng	98
78) Pyrene	19.82	202	425431	48.445	ng	98
80) Butylbenzylphthalate	20.69	149	161640	48.395	ng	99
81) Benzo(a)anthracene	21.65	228	426593	50.855	ng	99
82) 3,3'-Dichlorobenzidine	21.57	252	83121	24.320	ng	99
83) Chrysene	21.73	228	395922	49.626	ng	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	230561	49.715	ng	96
85) Di-n-octyl phthalate	22.73	149	387219	49.379	ng	99
86) Indeno(1,2,3-cd)pyrene	28.68	276	492663	51.679	ng	# 96
88) Benzo(b)fluoranthene	23.89	252	427157	52.597	ng	100
89) Benzo(k)fluoranthene	23.96	252	412584	51.382	ng	98
90) Benzo(a)pyrene	24.79	252	410693	52.319	ng	97
91) Dibenzo(a,h)anthracene	28.74	278	412502	52.831	ng	99
92) Benzo(g,h,i)perylene	29.87	276	404576	52.340	ng	98

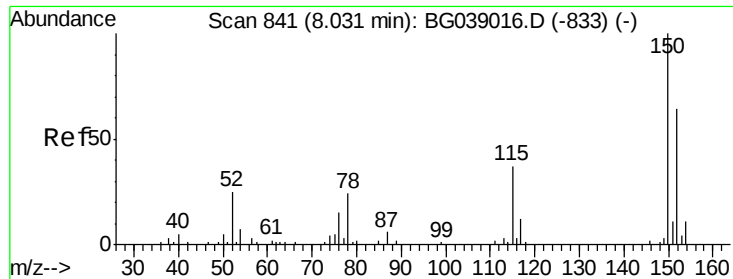
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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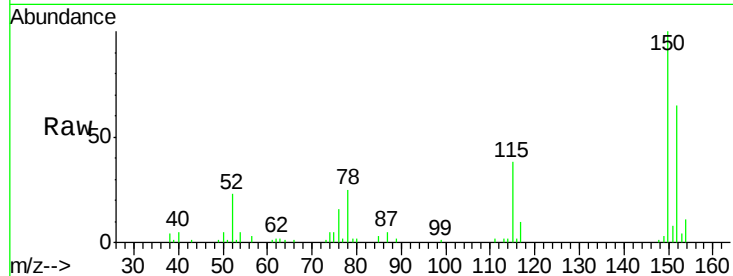


#1

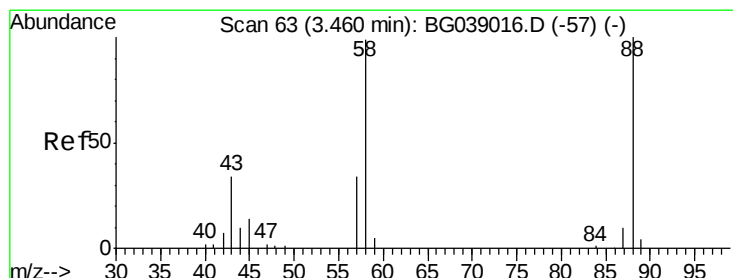
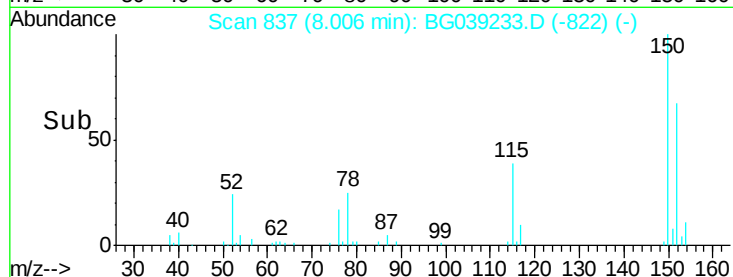
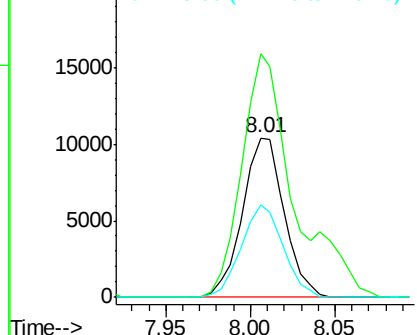
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Instrument :
BNA_G
ClientSampleId :
C-1MS

Tgt Ion:152 Resp: 17806
Ion Ratio Lower Upper
152 100
150 152.7 124.7 187.1
115 58.3 46.5 69.7



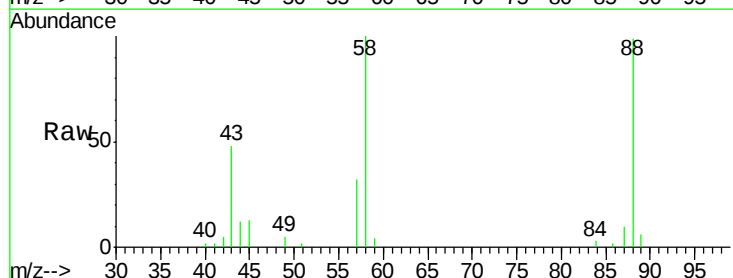
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



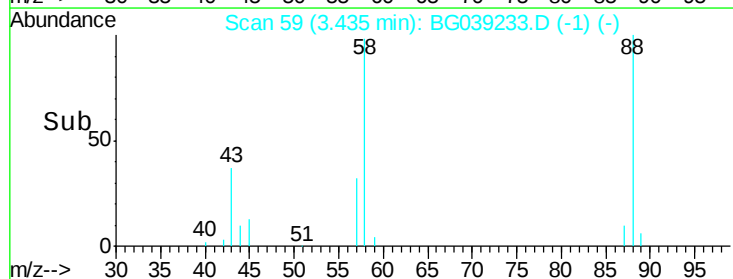
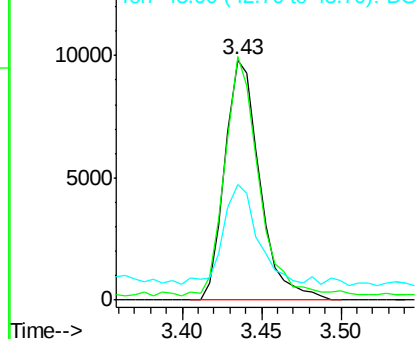
#2

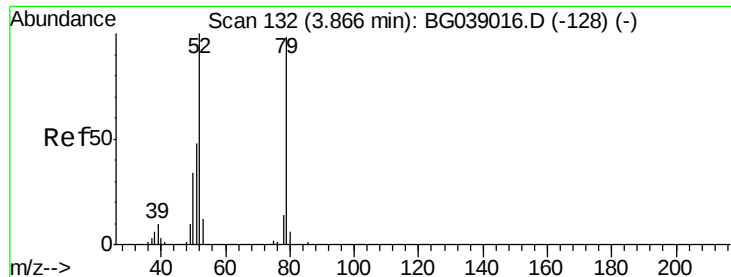
1,4-Dioxane
Concen: 40.786 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Tgt Ion: 88 Resp: 14992
Ion Ratio Lower Upper
88 100
58 98.7 72.4 108.6
43 40.3 27.6 41.4



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

Pyridine

Concen: 40.621 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

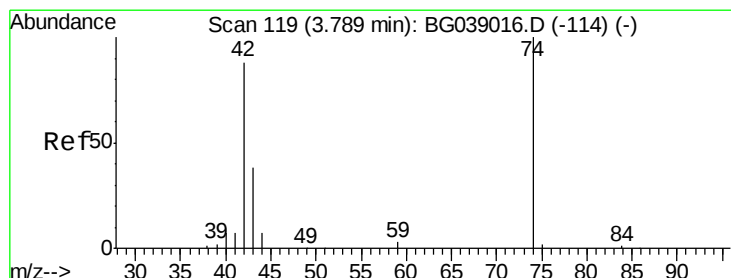
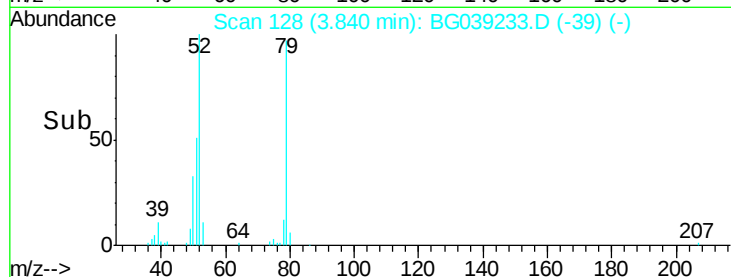
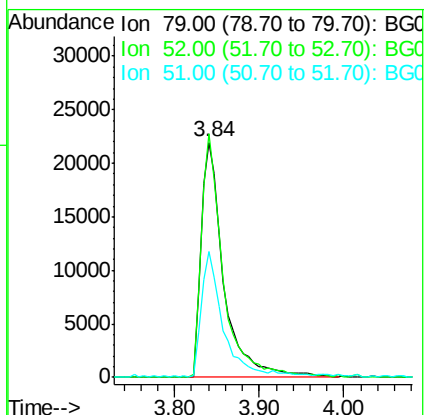
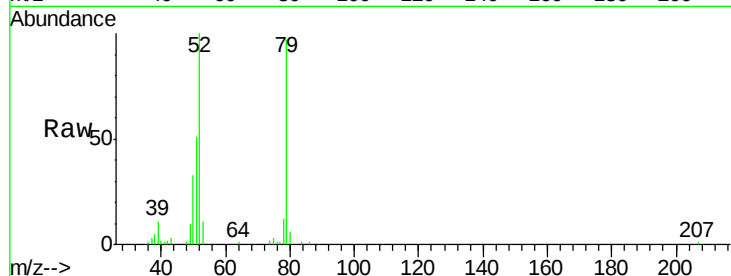
Tgt Ion: 79 Resp: 40572

Ion Ratio Lower Upper

79 100

52 103.5 81.5 122.3

51 53.3 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 57.504 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

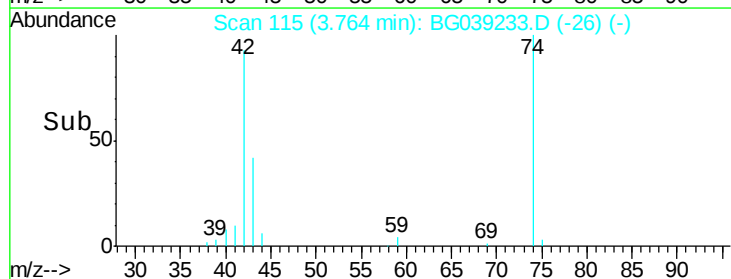
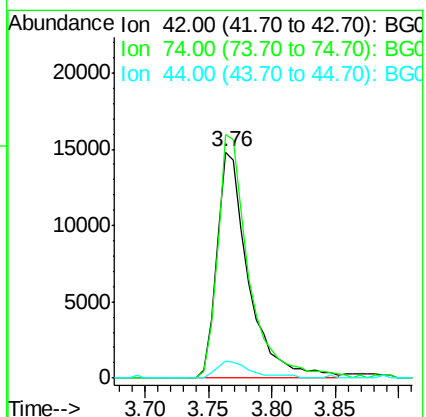
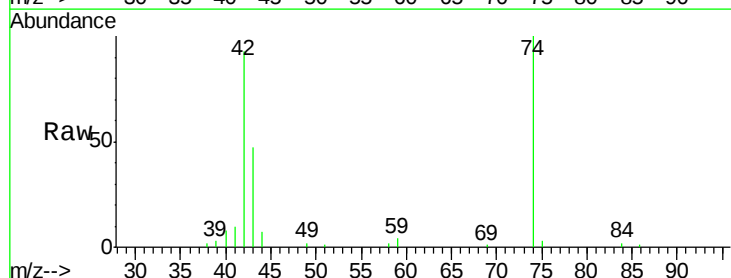
Tgt Ion: 42 Resp: 25845

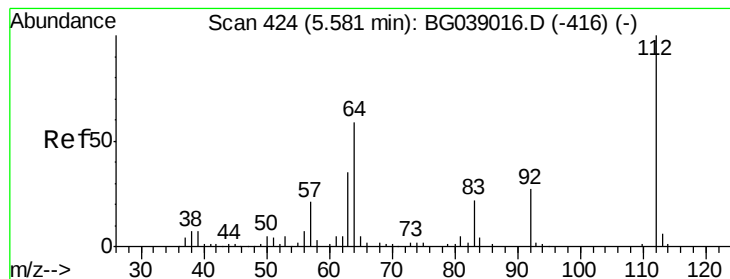
Ion Ratio Lower Upper

42 100

74 107.6 90.7 136.1

44 7.8 6.5 9.7





#5

2-Fluorophenol

Concen: 169.445 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

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ClientSampleId :

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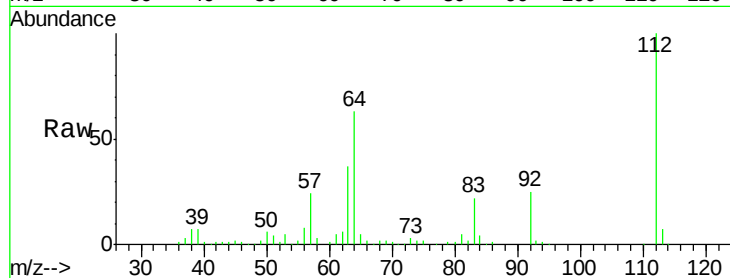
Tgt Ion: 112 Resp: 159049

Ion Ratio Lower Upper

112 100

64 63.0 47.0 70.6

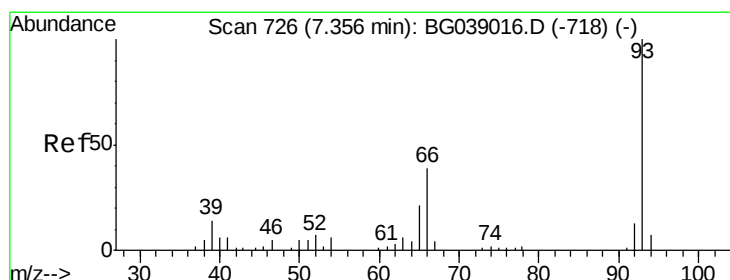
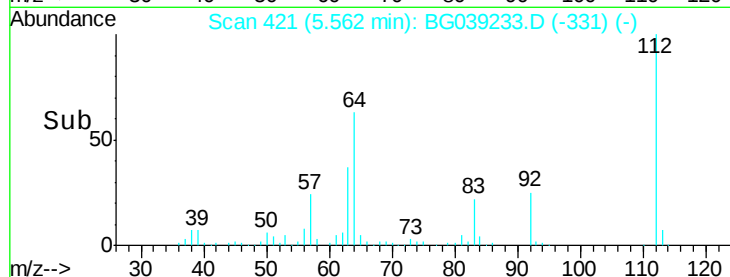
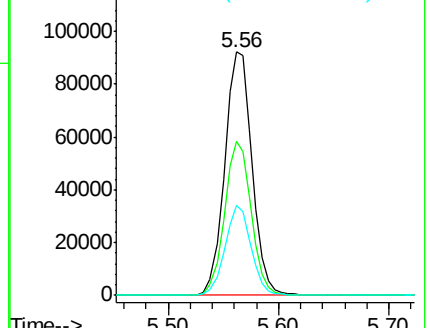
63 36.8 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.517 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

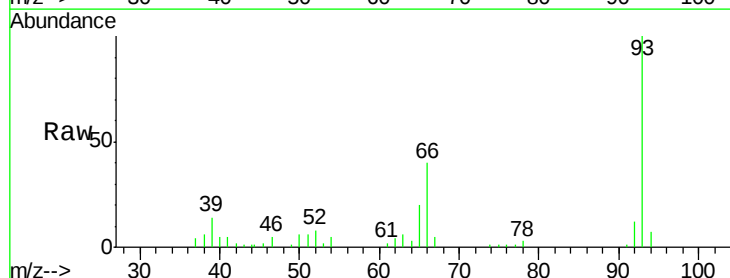
Tgt Ion: 93 Resp: 55997

Ion Ratio Lower Upper

93 100

66 40.2 30.9 46.3

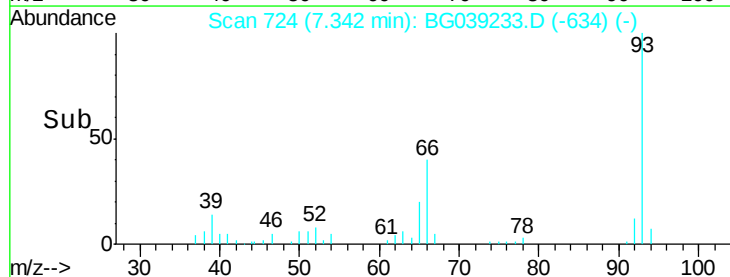
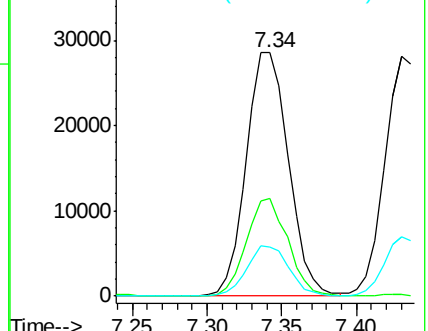
65 19.9 17.0 25.4

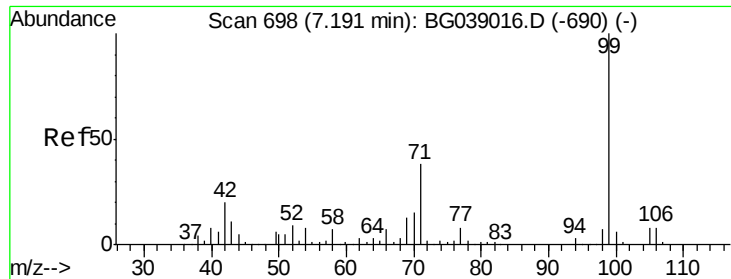


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 160.972 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039233.D

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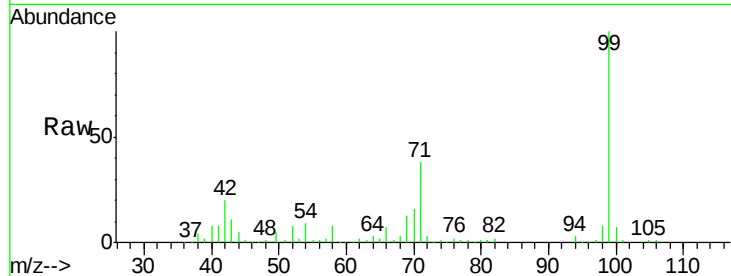
Tgt Ion: 99 Resp: 217447

Ion Ratio Lower Upper

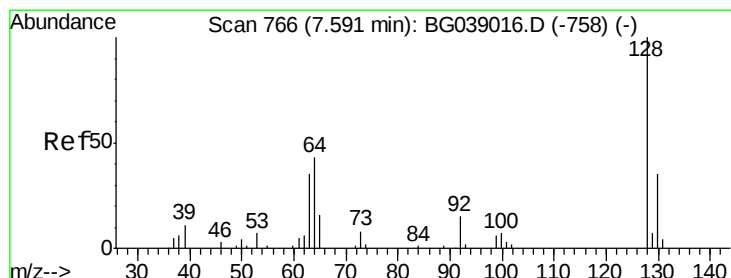
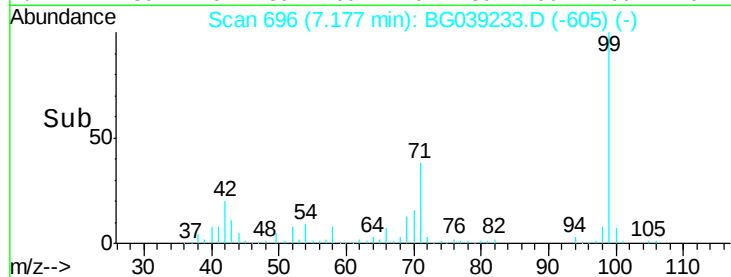
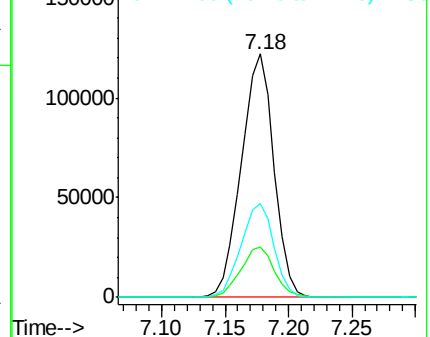
99 100

42 20.4 15.8 23.6

71 38.4 30.2 45.4



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: 51.953 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

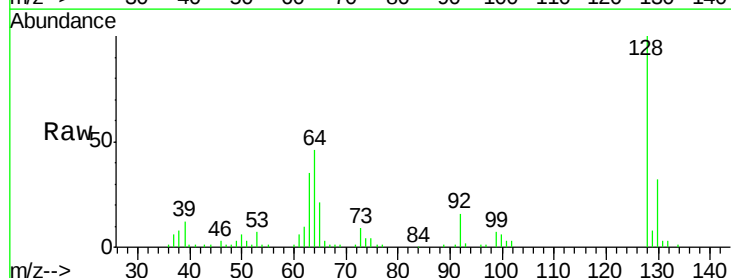
Tgt Ion: 128 Resp: 57485

Ion Ratio Lower Upper

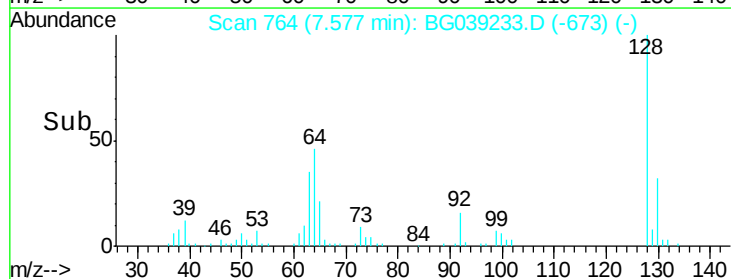
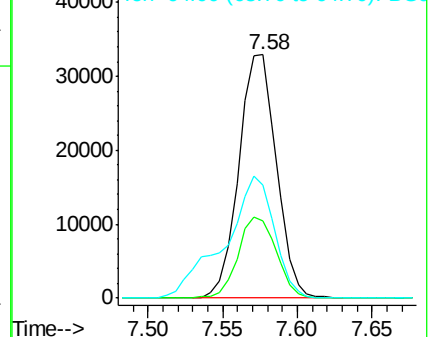
128 100

130 31.8 14.5 54.5

64 46.3 27.3 67.3



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





#9

Benzaldehyde

Concen: 17.101 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

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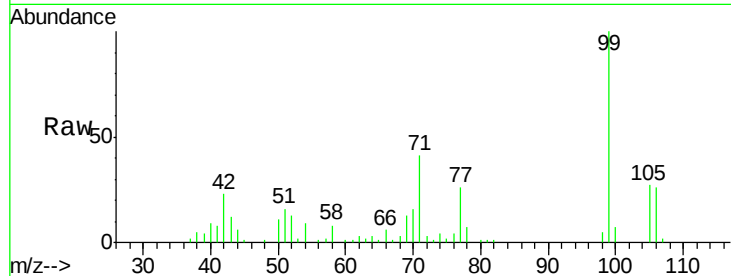
Tgt Ion: 77 Resp: 13322

Ion Ratio Lower Upper

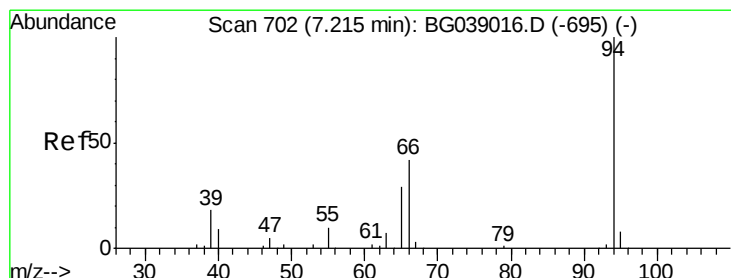
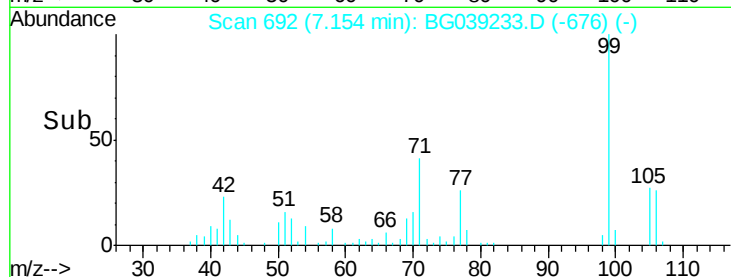
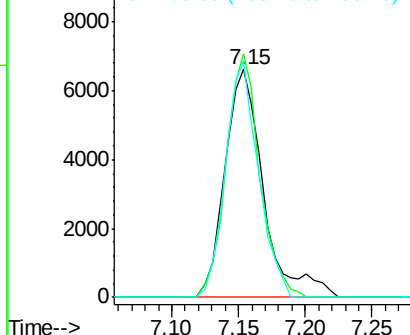
77 100

105 106.7 82.4 122.4

106 103.3 82.8 122.8



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: 61.675 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

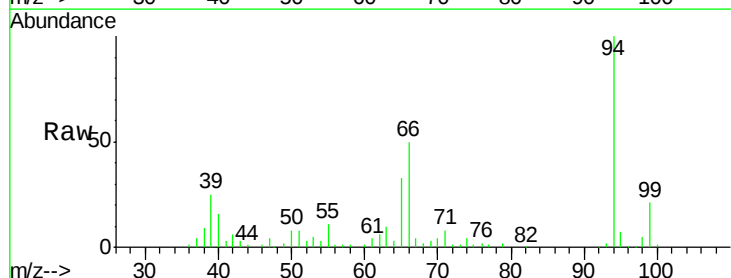
Tgt Ion: 94 Resp: 83528

Ion Ratio Lower Upper

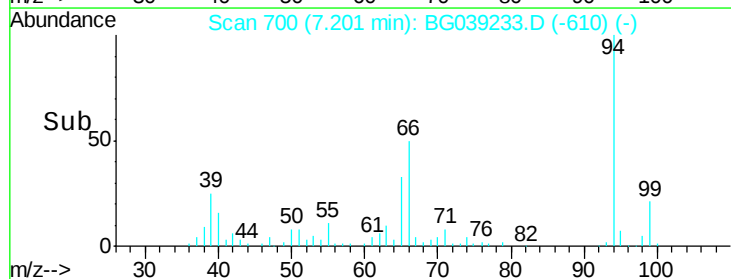
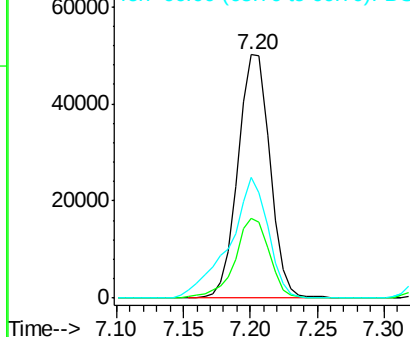
94 100

65 32.9 10.3 50.3

66 49.6 25.1 65.1



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: 46.378 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

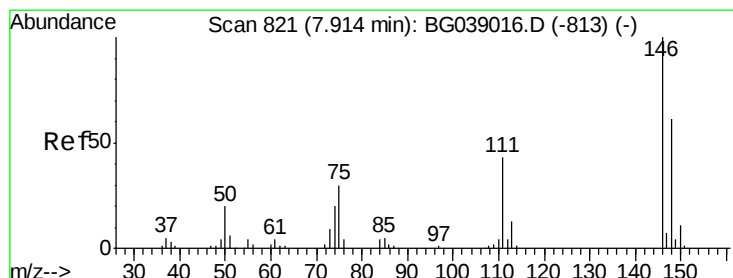
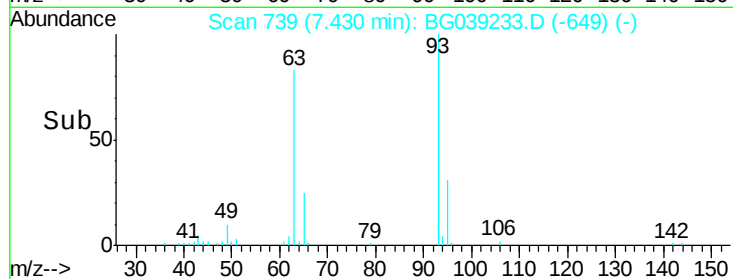
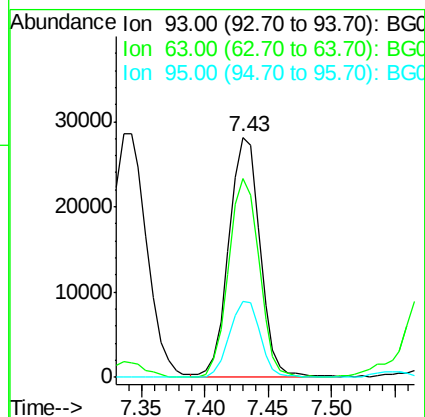
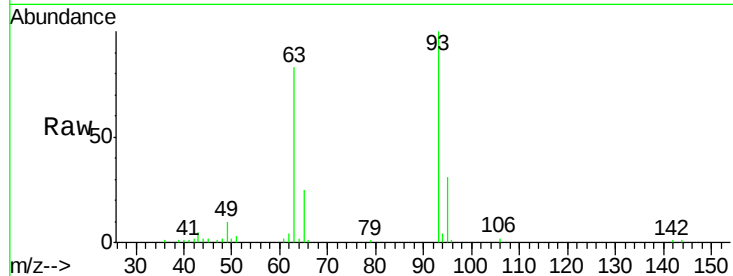
Tgt Ion: 93 Resp: 48006

Ion Ratio Lower Upper

93 100

63 82.8 63.2 103.2

95 31.4 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 45.174 ng

RT: 7.89 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

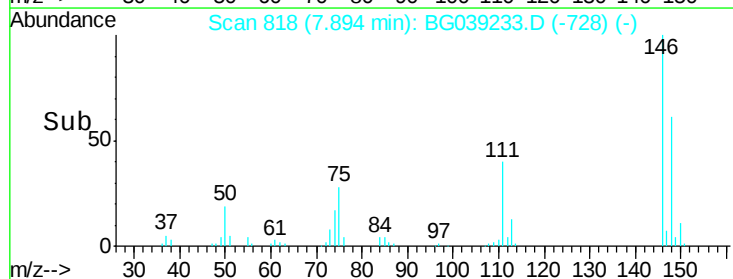
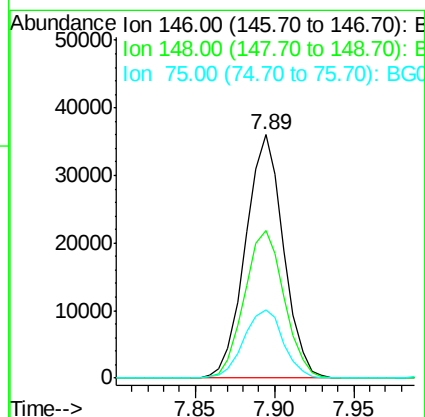
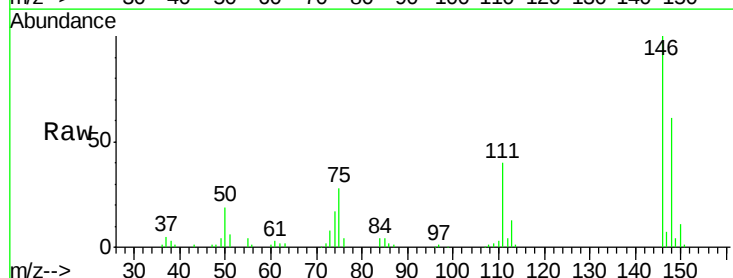
Tgt Ion: 146 Resp: 59886

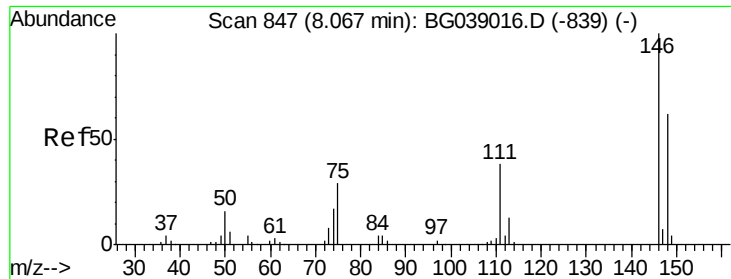
Ion Ratio Lower Upper

146 100

148 60.8 49.1 73.7

75 27.9 23.9 35.9

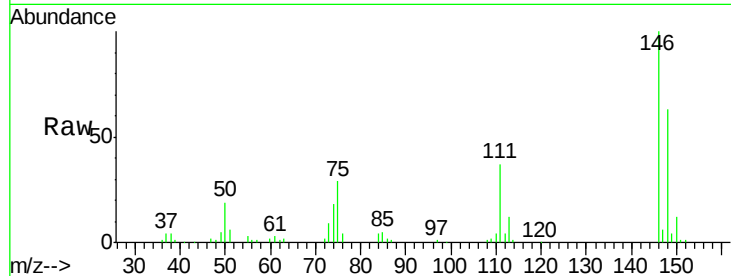




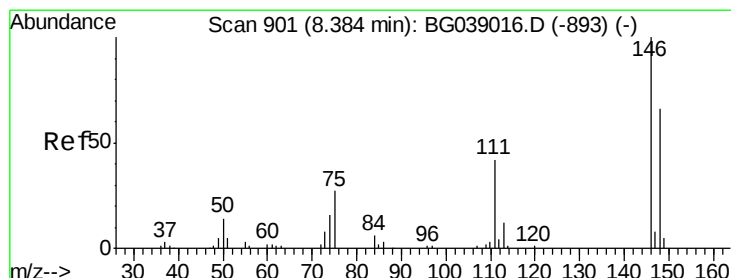
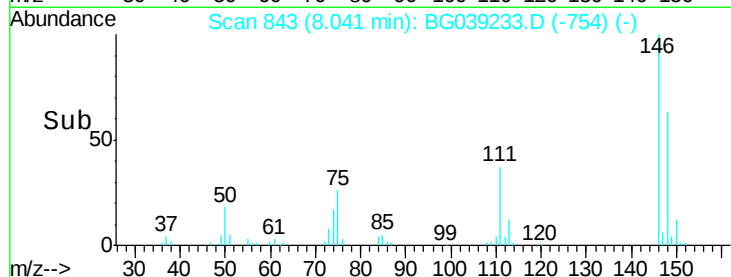
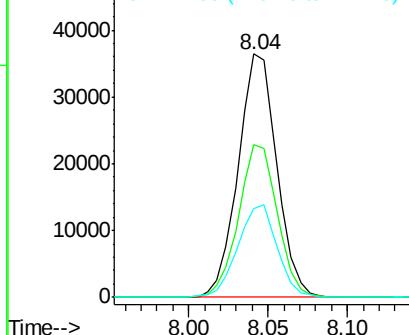
#13
 1,4-Dichlorobenzene
 Concen: 45.841 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

Tgt Ion:146 Resp: 61547
 Ion Ratio Lower Upper
 146 100
 148 62.8 49.8 74.6
 111 36.7 30.6 45.8

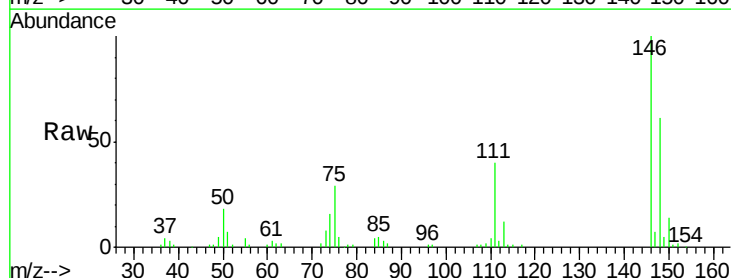


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

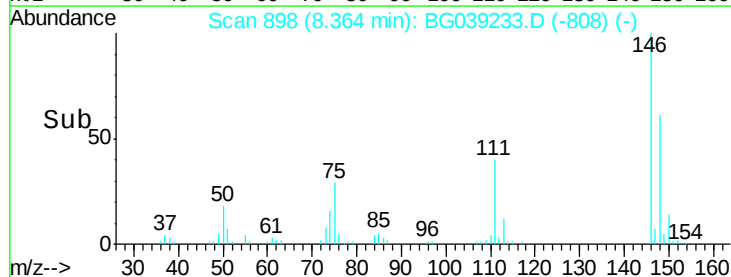
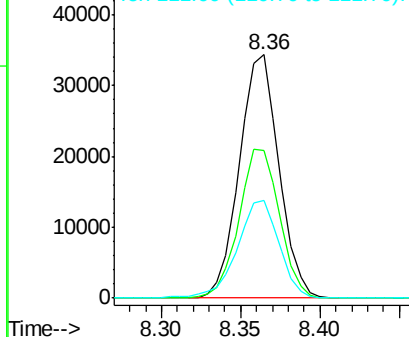


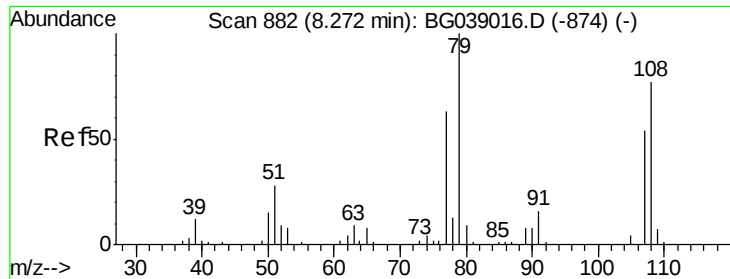
#14
 1,2-Dichlorobenzene
 Concen: 46.451 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Tgt Ion:146 Resp: 59463
 Ion Ratio Lower Upper
 146 100
 148 60.9 52.6 79.0
 111 40.2 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 51.891 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

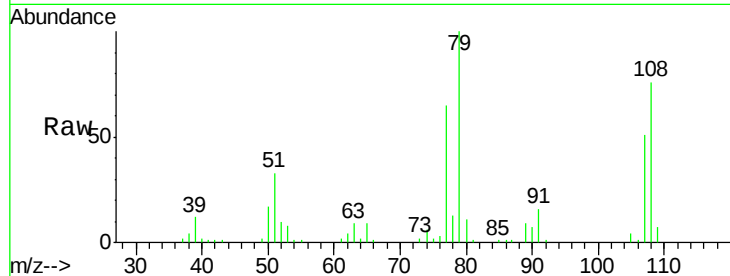
Tgt Ion: 79 Resp: 52788

Ion Ratio Lower Upper

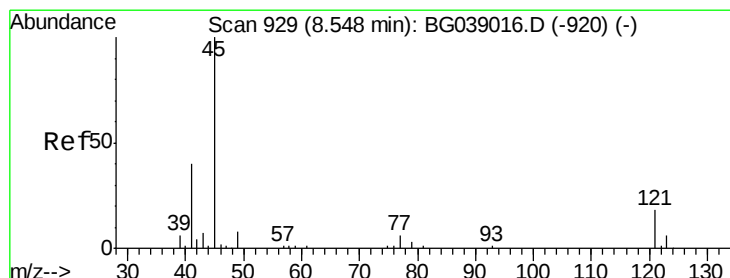
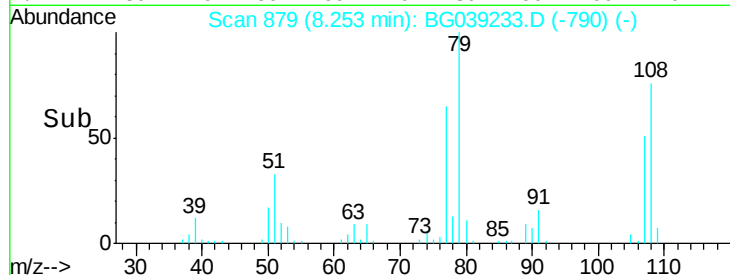
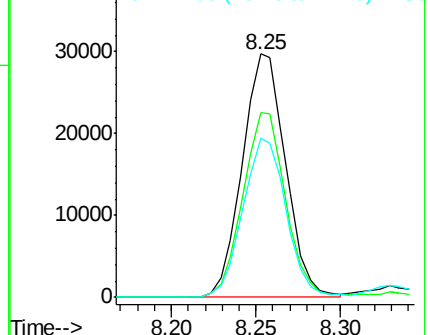
79 100

108 76.1 62.0 93.0

77 65.2 50.1 75.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.018 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

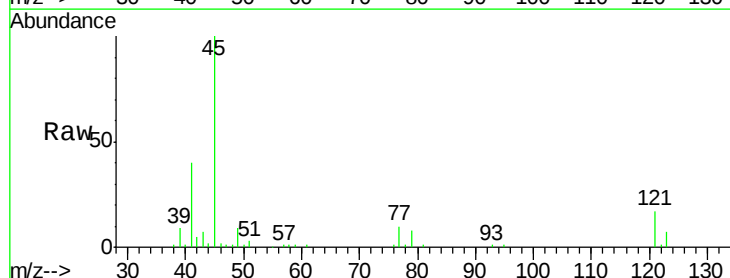
Tgt Ion: 45 Resp: 95307

Ion Ratio Lower Upper

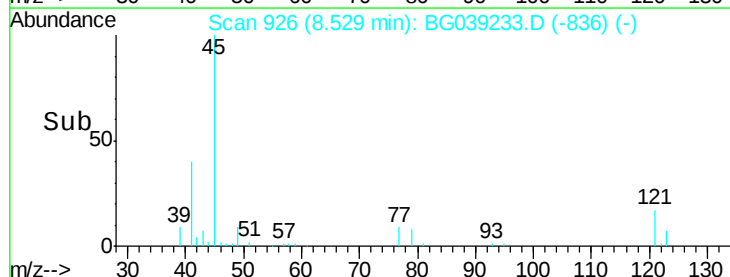
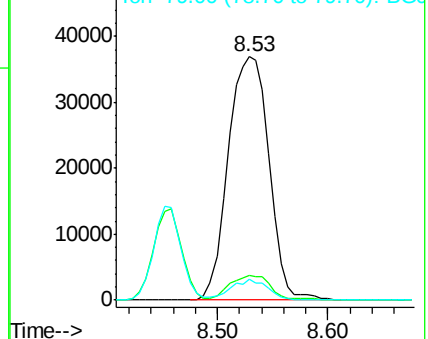
45 100

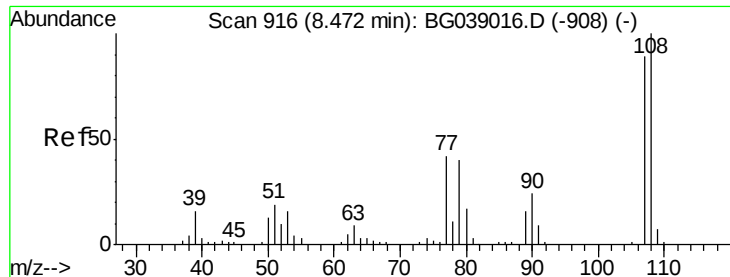
77 10.4 0.0 30.7

79 8.5 0.0 28.5



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

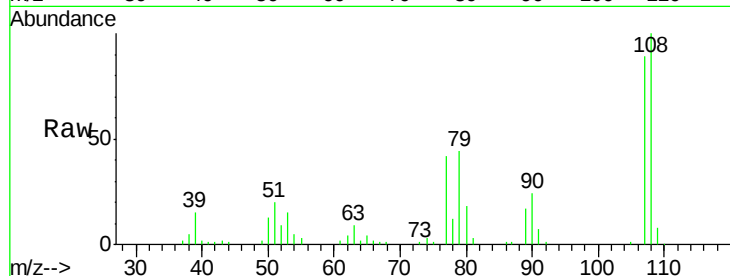




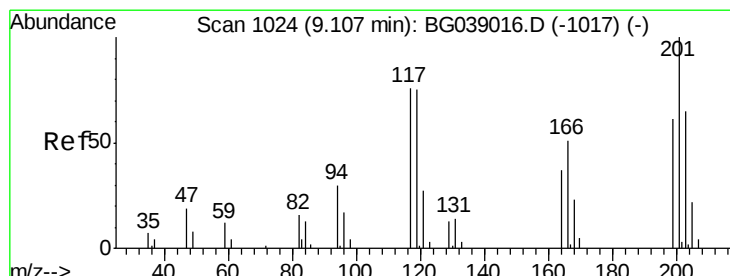
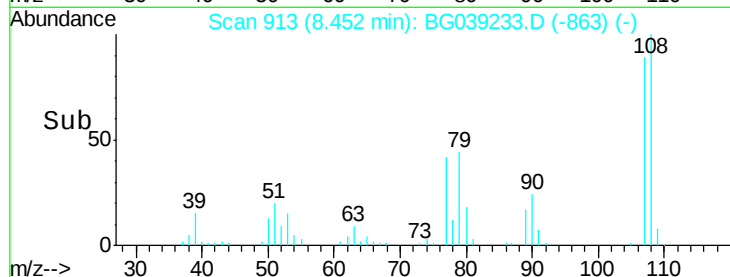
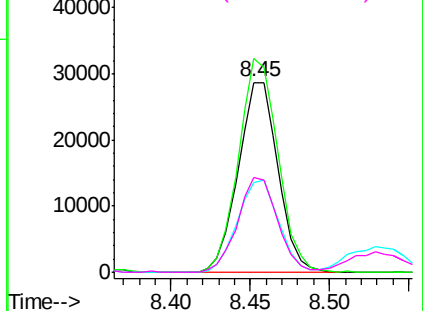
#17
2-Methylphenol
Concen: 52.942 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Instrument :
BNA_G
ClientSampled :
C-1MS

Tgt Ion:107 Resp: 49787
Ion Ratio Lower Upper
107 100
108 112.5 90.3 135.5
77 47.3 38.3 57.5
79 49.7 35.8 53.6

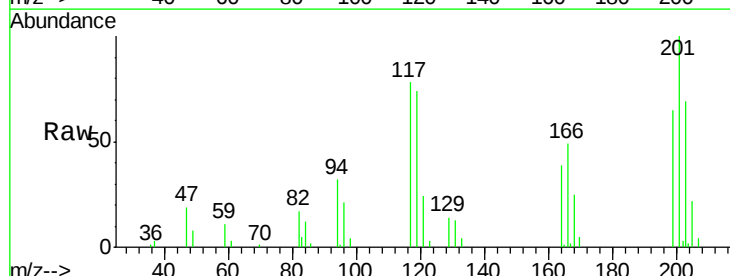


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

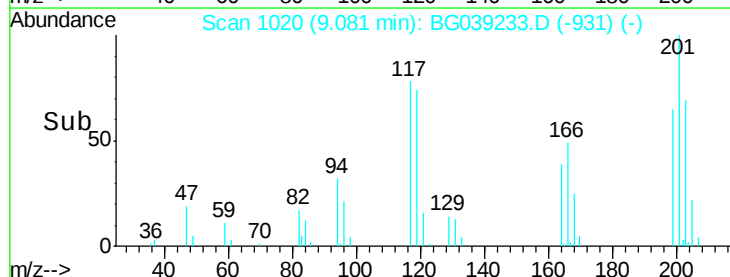
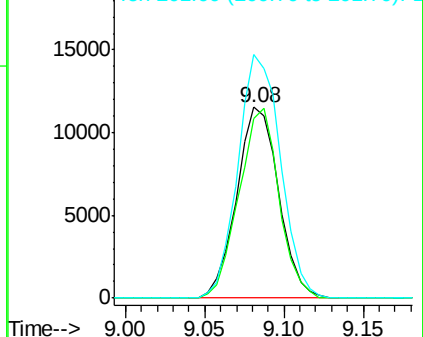


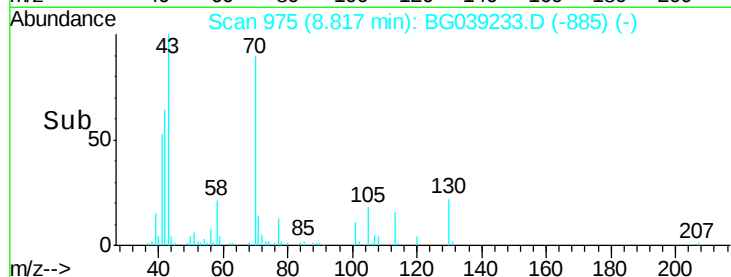
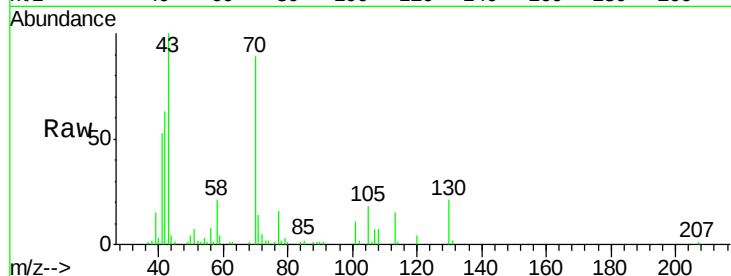
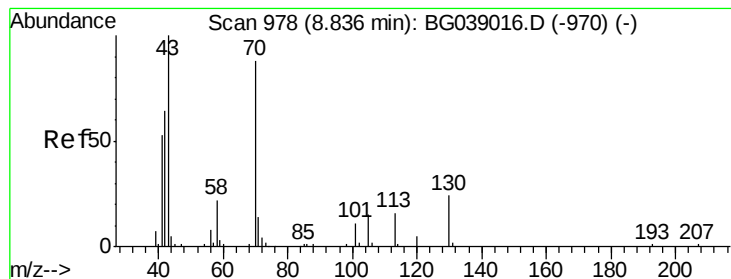
#18
Hexachloroethane
Concen: 46.397 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Tgt Ion:117 Resp: 21163
Ion Ratio Lower Upper
117 100
119 94.3 78.7 118.1
201 127.6 108.1 162.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 46.672 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

Tgt Ion: 70 Resp: 41401

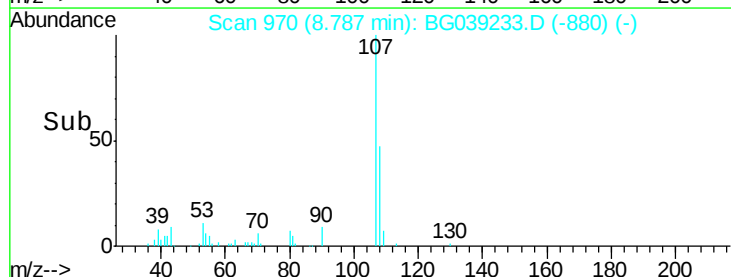
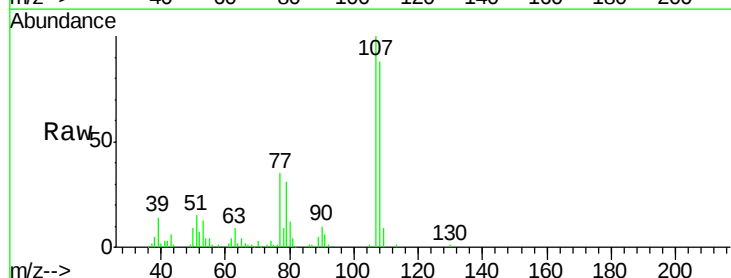
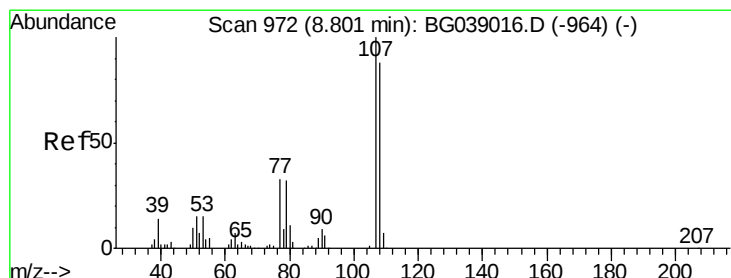
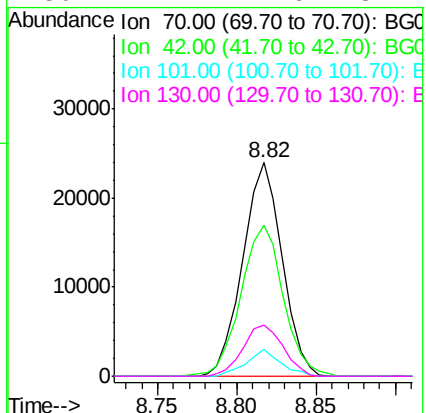
Ion Ratio Lower Upper

70 100

42 70.8 59.0 88.4

101 12.6 10.4 15.6

130 24.2 21.6 32.4



#20

3+4-Methylphenols

Concen: 52.299 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Tgt Ion: 107 Resp: 70121

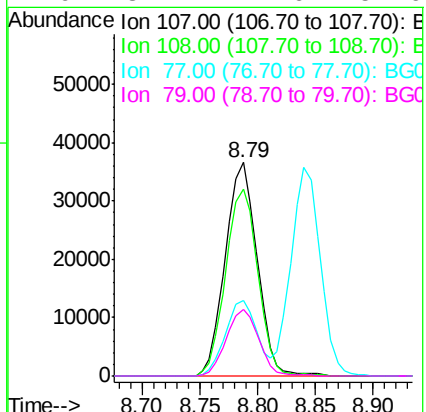
Ion Ratio Lower Upper

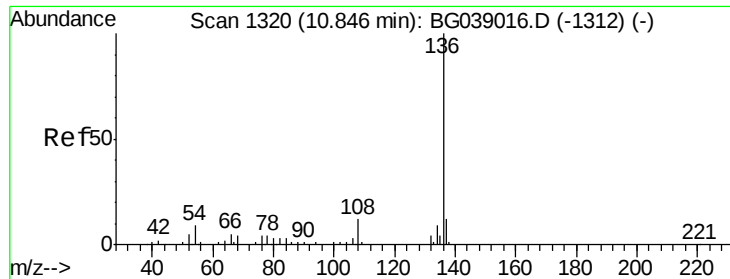
107 100

108 87.6 68.4 108.4

77 35.3 13.3 53.3

79 31.2 11.6 51.6

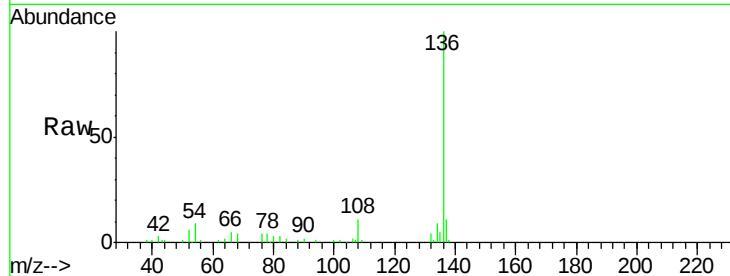




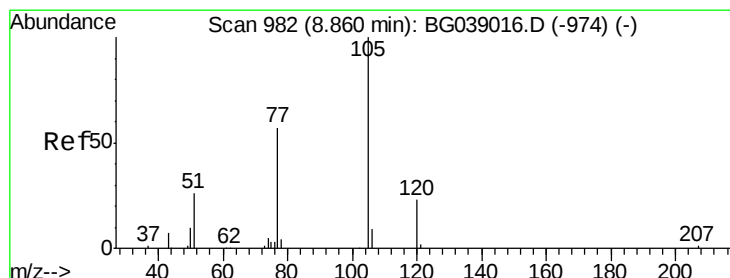
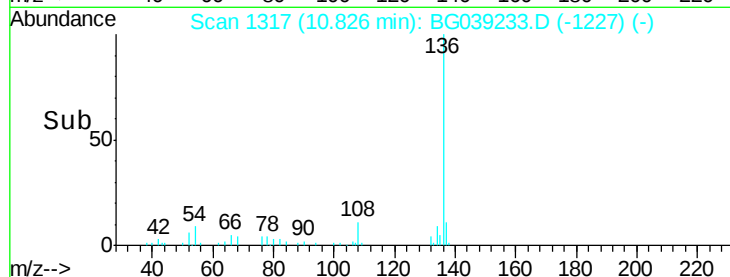
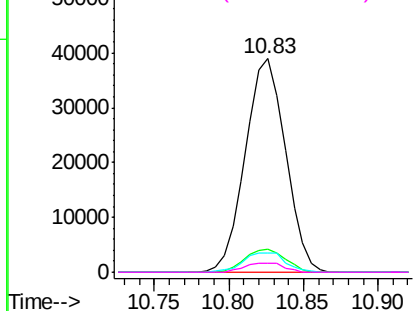
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Instrument :
BNA_G
ClientSampleId :
C-1MS

Tgt Ion:	136	Resp:	72720
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.2
54	9.0	7.2	10.8
68	4.3	3.5	5.3

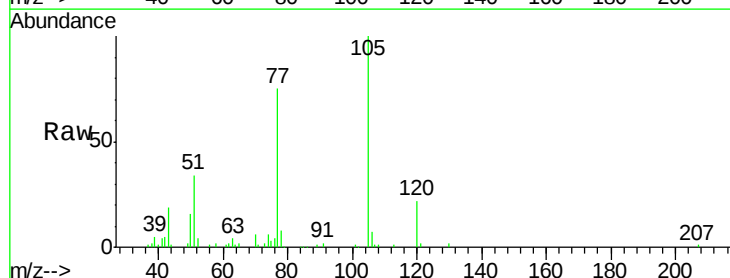


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

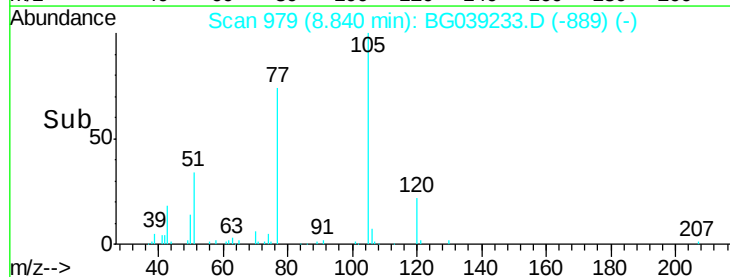
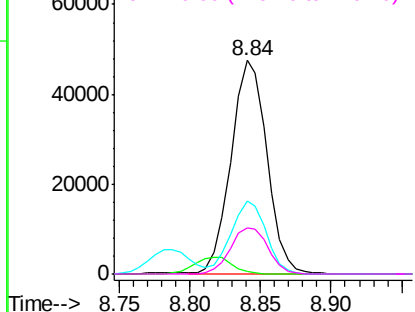


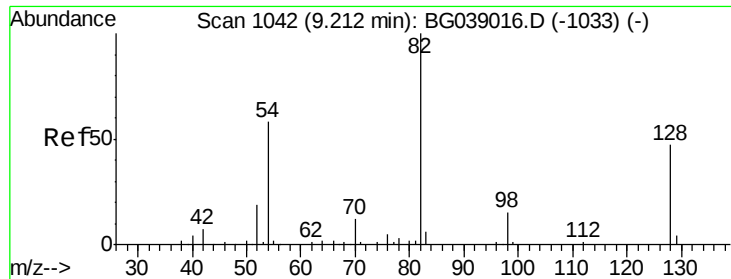
#22
Acetophenone
Concen: 44.381 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Tgt Ion:	105	Resp:	84284
Ion	Ratio	Lower	Upper
105	100		
71	1.1	0.6	1.0#
51	34.0	26.6	39.8
120	21.9	17.9	26.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

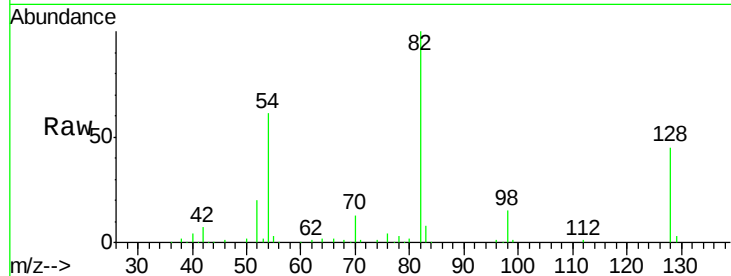




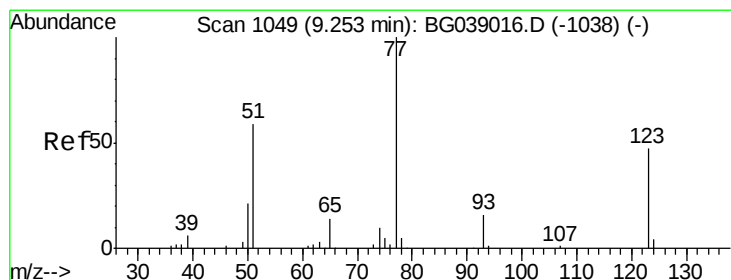
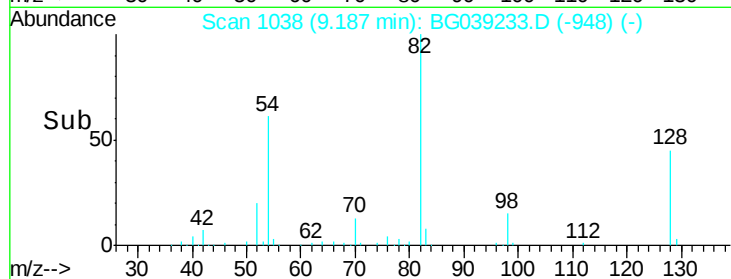
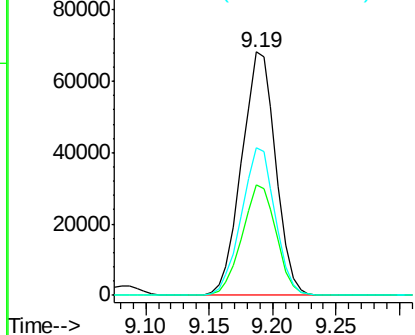
#23
 Nitrobenzene-d5
 Concen: 95.611 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

Tgt Ion: 82 Resp: 127063
 Ion Ratio Lower Upper
 82 100
 128 45.1 37.3 55.9
 54 60.8 46.4 69.6

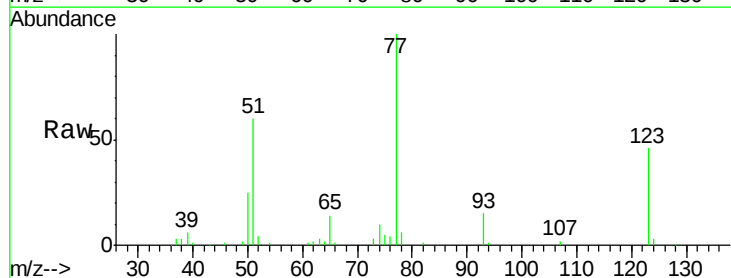


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

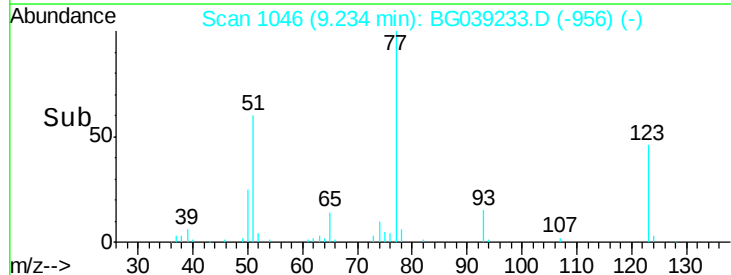
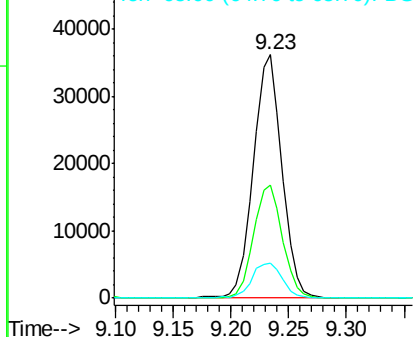


#24
 Nitrobenzene
 Concen: 46.577 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Tgt Ion: 77 Resp: 62565
 Ion Ratio Lower Upper
 77 100
 123 46.4 37.6 56.4
 65 14.2 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

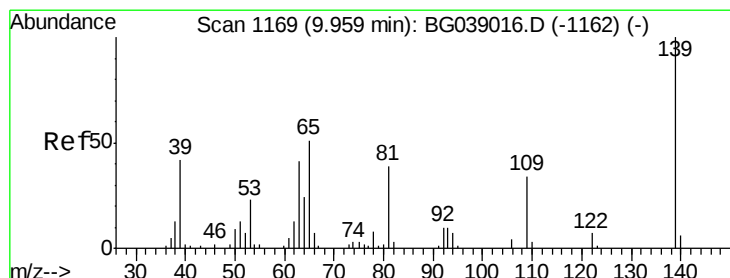
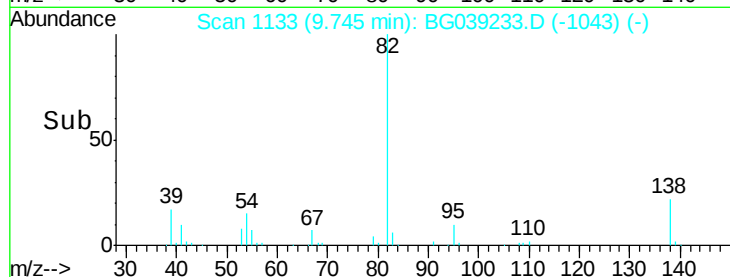
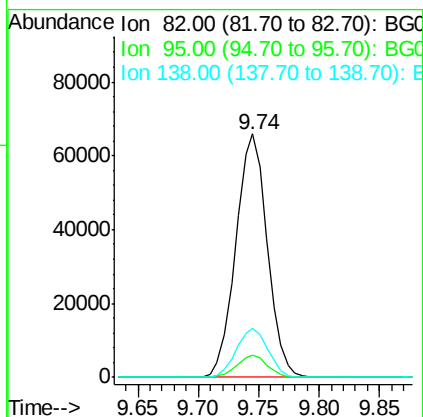
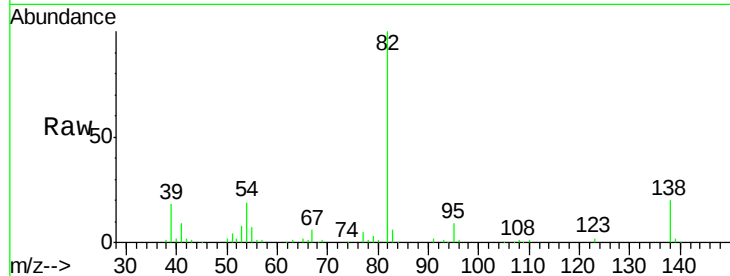




#25
Isophorone
Concen: 52.431 ng
RT: 9.74 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

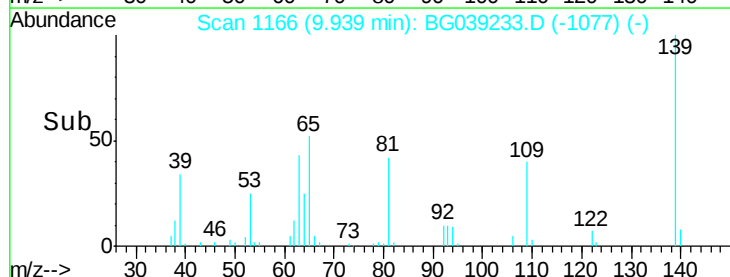
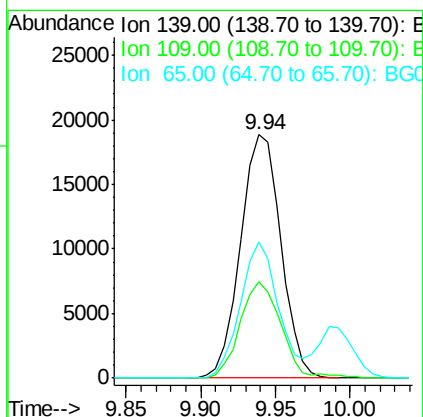
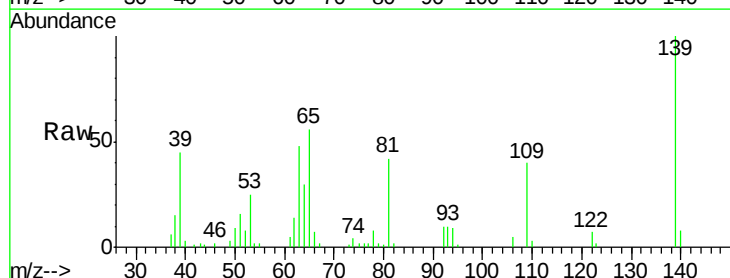
Instrument :
BNA_G
ClientSampleId :
C-1MS

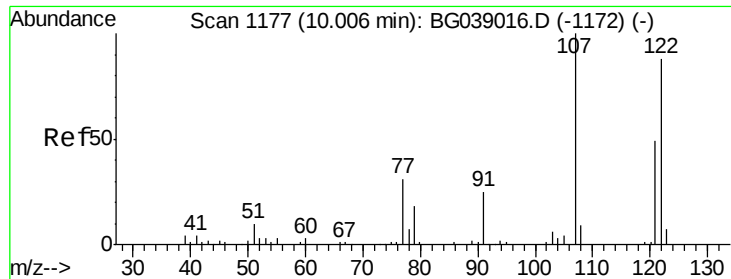
Tgt Ion: 82 Resp: 120026
Ion Ratio Lower Upper
82 100
95 8.9 7.0 10.6
138 20.3 16.2 24.4



#26
2-Nitrophenol
Concen: 48.488 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Tgt Ion: 139 Resp: 35230
Ion Ratio Lower Upper
139 100
109 39.7 27.3 40.9
65 55.8 40.6 61.0

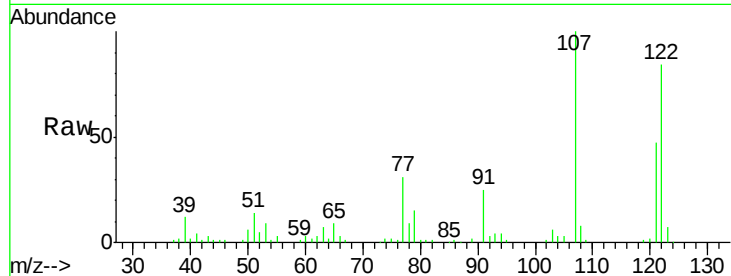




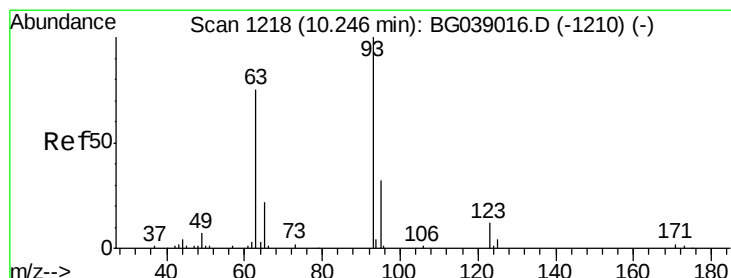
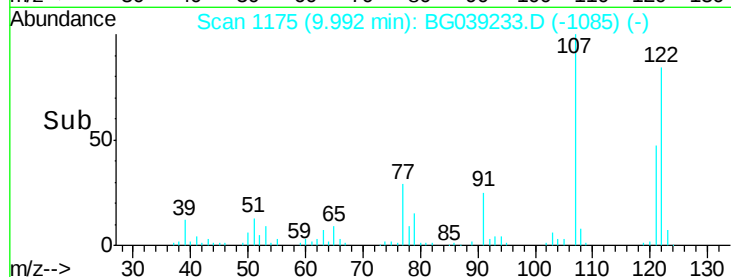
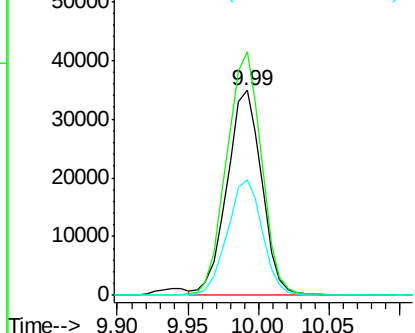
#27
 2,4-Dimethylphenol
 Concen: 58.558 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

Tgt Ion:122 Resp: 59858
 Ion Ratio Lower Upper
 122 100
 107 118.7 88.8 133.2
 121 56.3 43.1 64.7

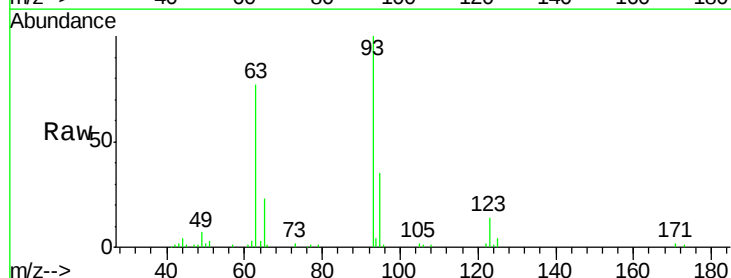


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

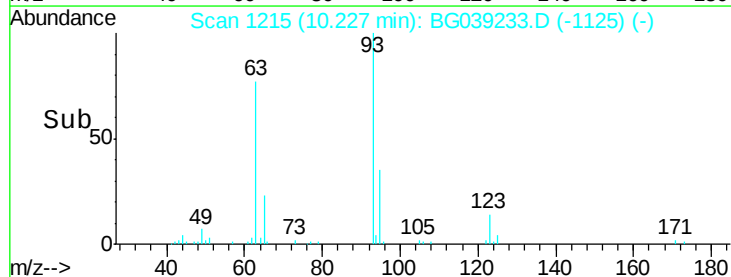
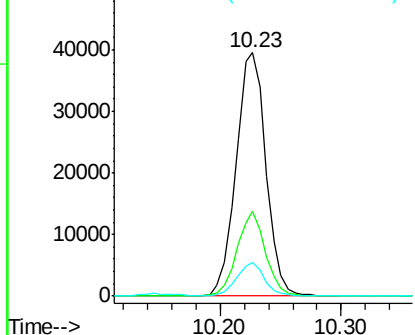


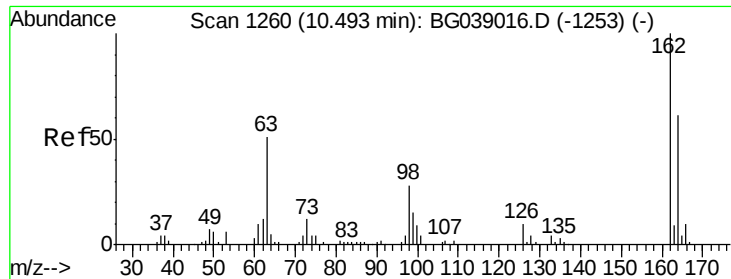
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.437 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Tgt Ion: 93 Resp: 68016
 Ion Ratio Lower Upper
 93 100
 95 35.0 25.6 38.4
 123 13.7 10.1 15.1



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

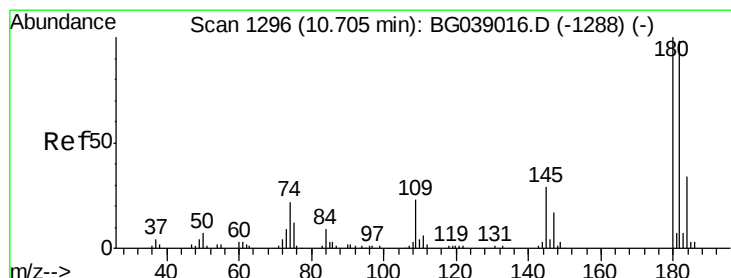
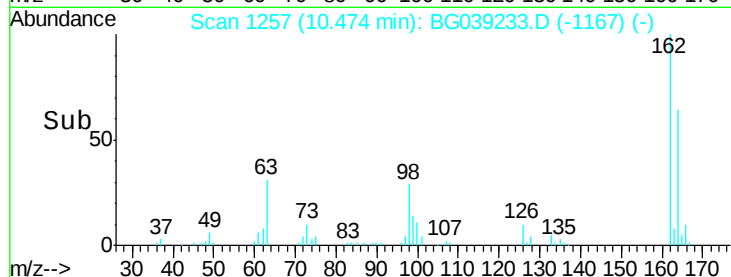
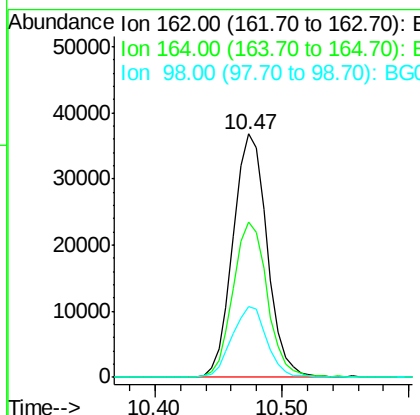
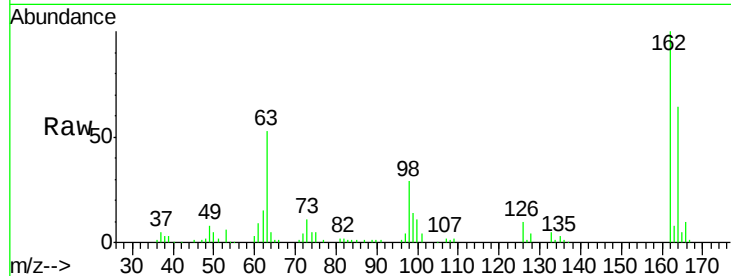




#29
 2,4-Dichlorophenol
 Concen: 53.981 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

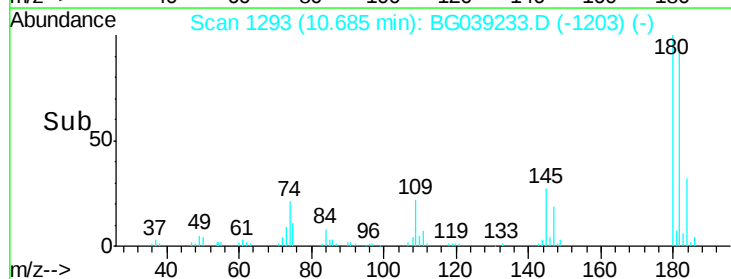
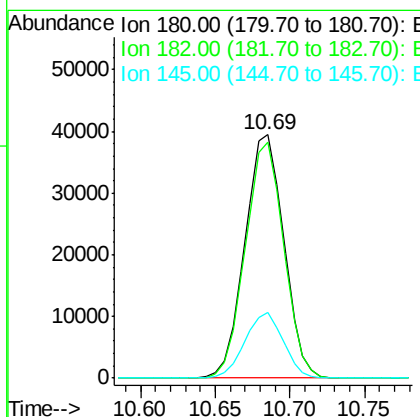
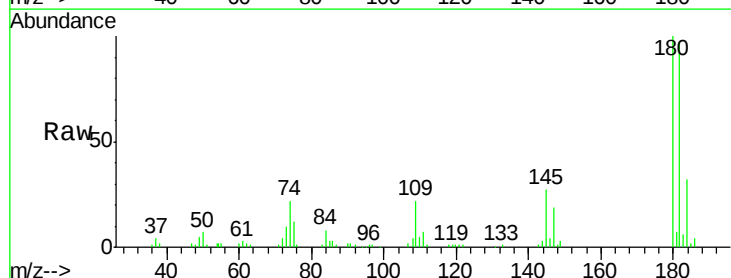
Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

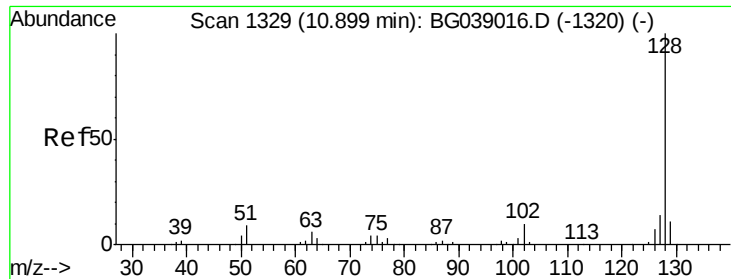
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	41.3	81.3
98	29.3	8.3	48.3



#30
 1,2,4-Trichlorobenzene
 Concen: 46.732 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.1	117.1
145	27.1	23.1	34.7

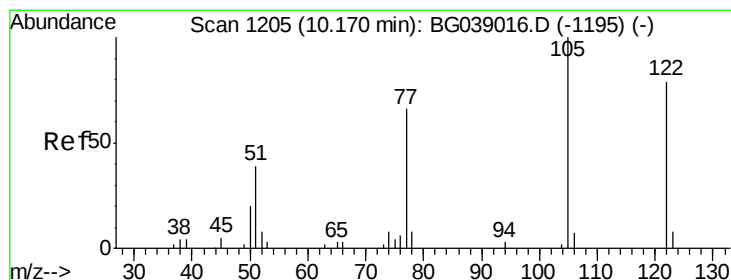
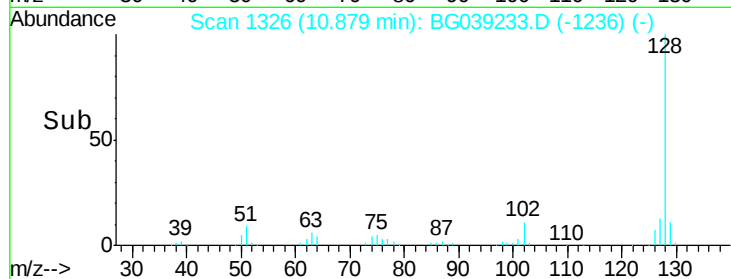
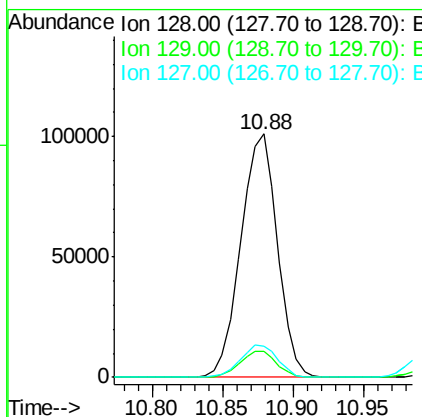
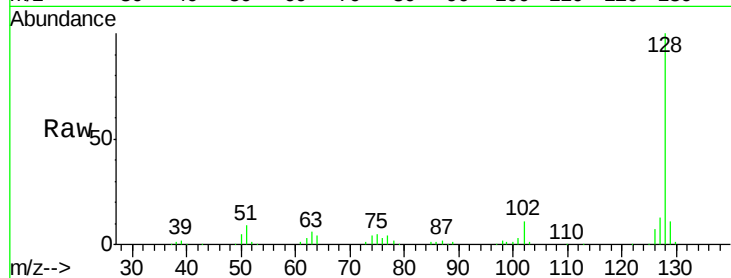




#31
Naphthalene
Concen: 50.288 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

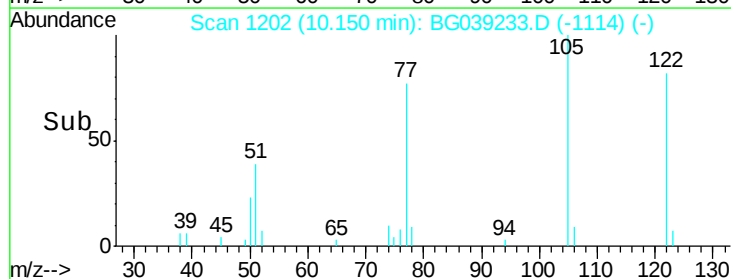
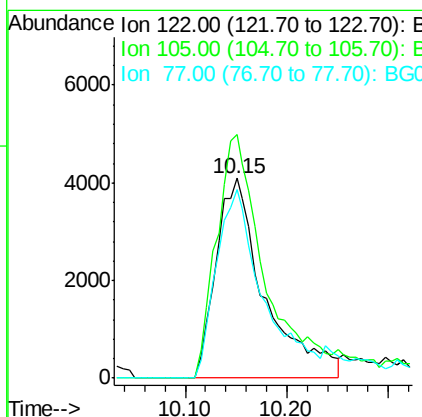
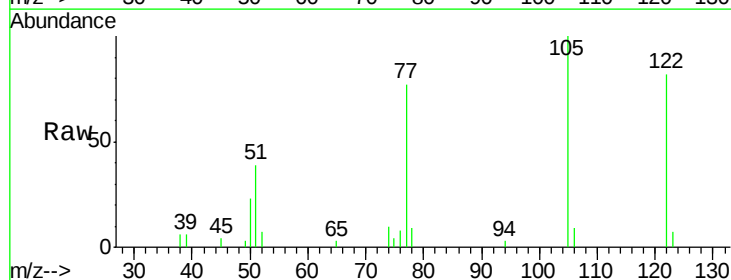
Instrument :
BNA_G
ClientSampleId :
C-1MS

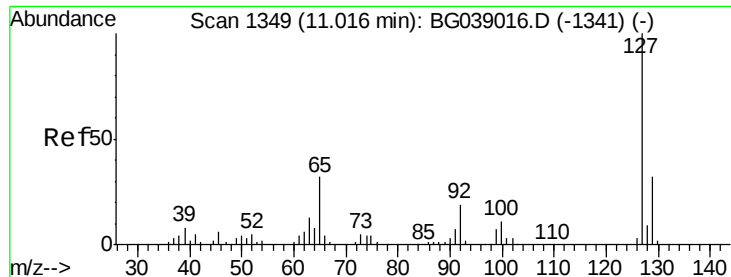
Tgt Ion:128 Resp: 183413
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.0 11.2 16.8



#32
Benzoic acid
Concen: 26.829 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Tgt Ion:122 Resp: 13605
Ion Ratio Lower Upper
122 100
105 122.0 106.4 146.4
77 94.3 63.6 103.6

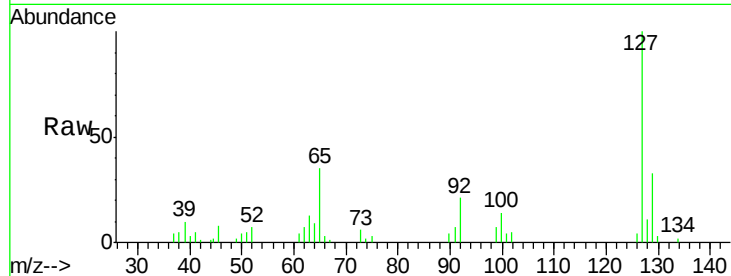




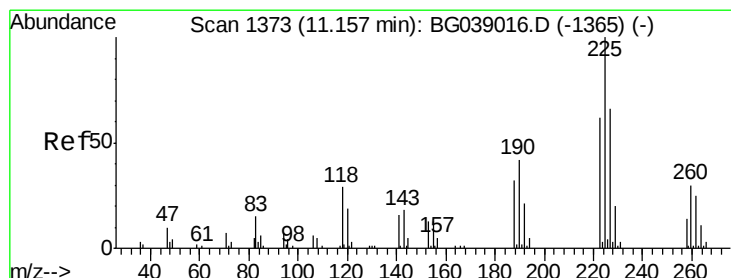
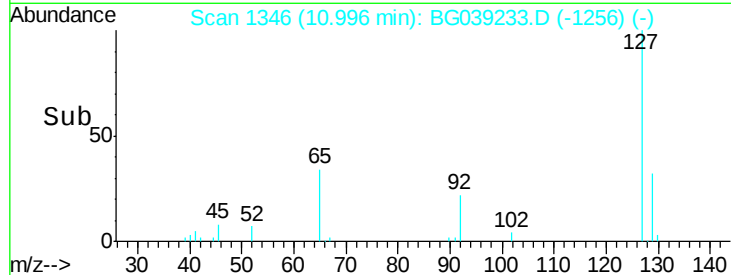
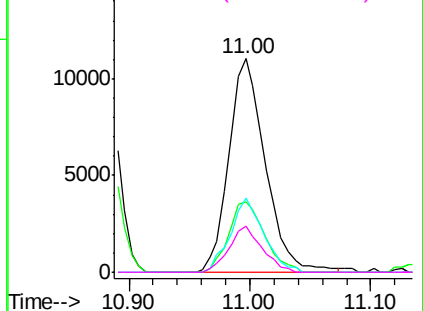
#33
4-Chloroaniline
Concen: 14.207 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Instrument :
BNA_G
ClientSampleId :
C-1MS

Tgt Ion:127 Resp: 23185
Ion Ratio Lower Upper
127 100
129 32.7 25.4 38.0
65 34.8 25.4 38.0
92 21.3 15.2 22.8

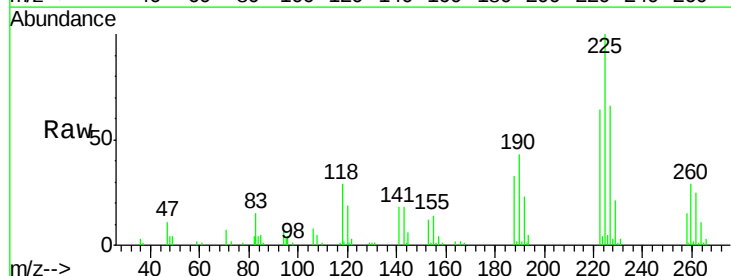


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

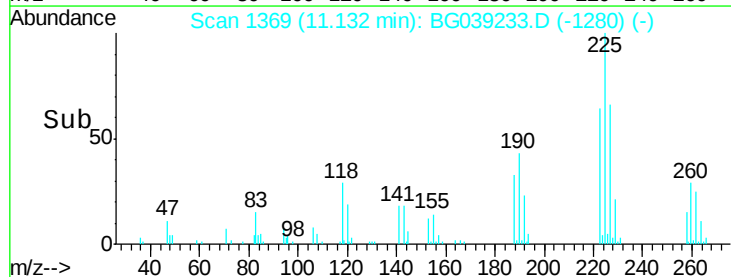
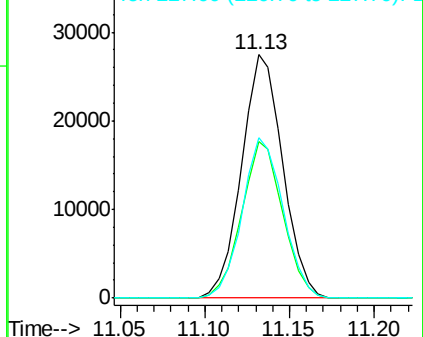


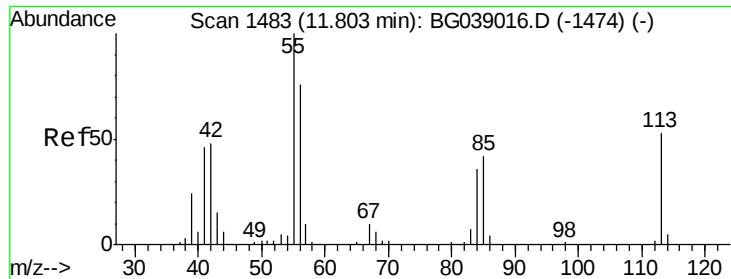
#34
Hexachlorobutadiene
Concen: 44.310 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Tgt Ion:225 Resp: 46521
Ion Ratio Lower Upper
225 100
223 61.4 50.2 75.4
227 65.7 53.2 79.8



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





#35

Caprolactam

Concen: 21.376 ng

RT: 11.80 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

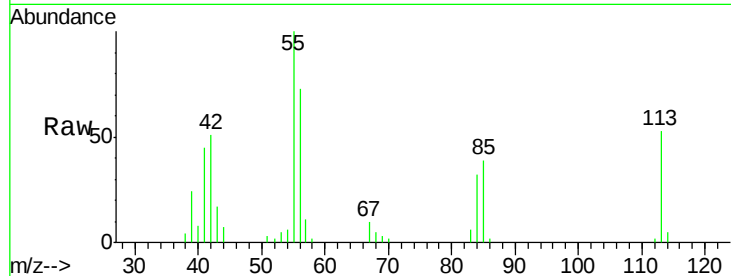
Tgt Ion:113 Resp: 10885

Ion Ratio Lower Upper

113 100

55 189.7 168.6 208.6

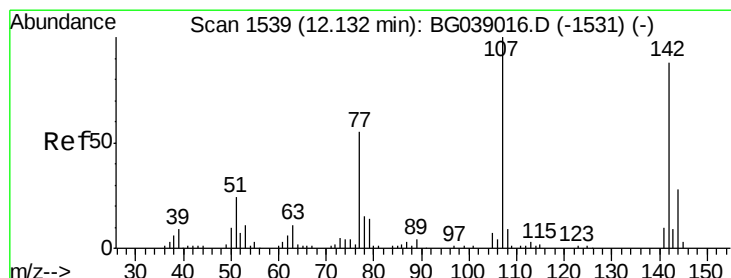
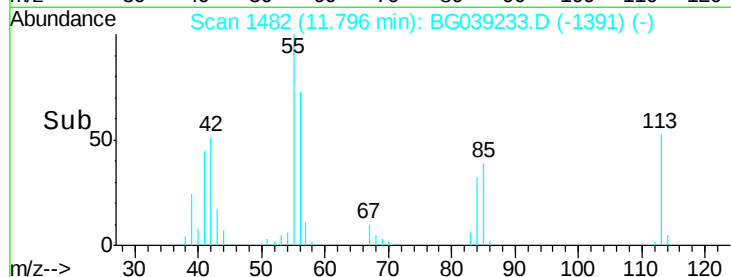
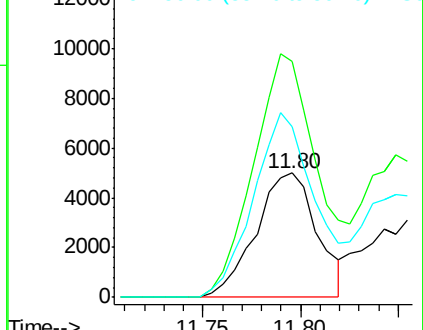
56 137.6 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.166 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

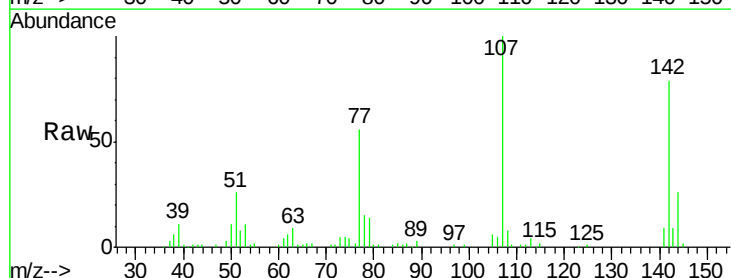
Tgt Ion:107 Resp: 70853

Ion Ratio Lower Upper

107 100

144 26.2 22.6 34.0

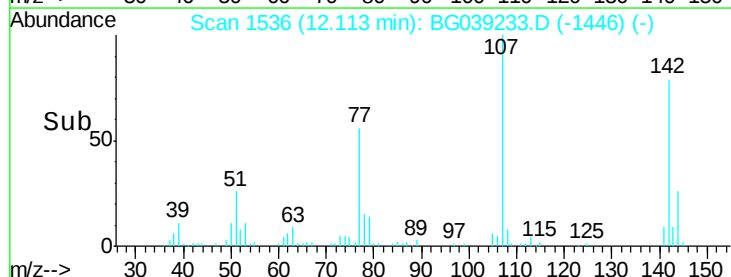
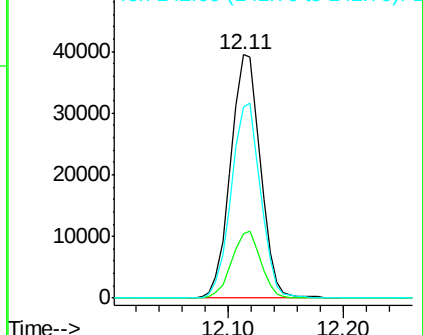
142 78.8 70.2 105.4

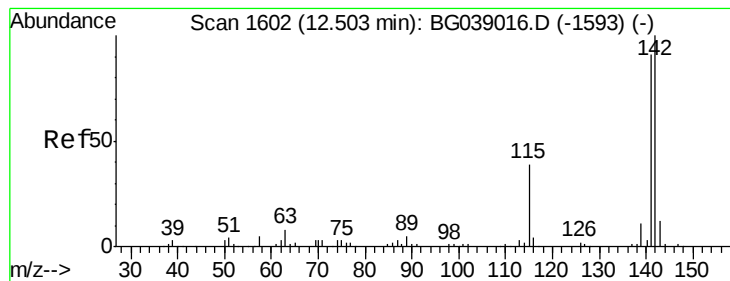


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.624 ng

RT: 12.48 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

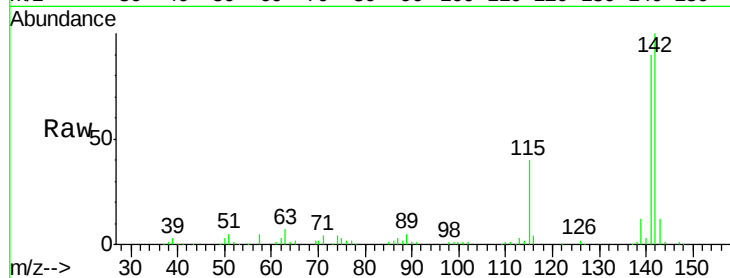
Tgt Ion:142 Resp: 141164

Ion Ratio Lower Upper

142 100

141 90.1 72.6 109.0

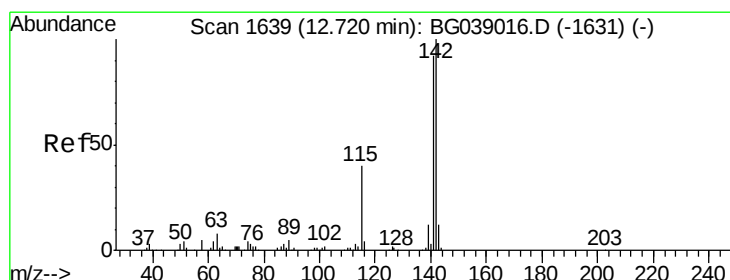
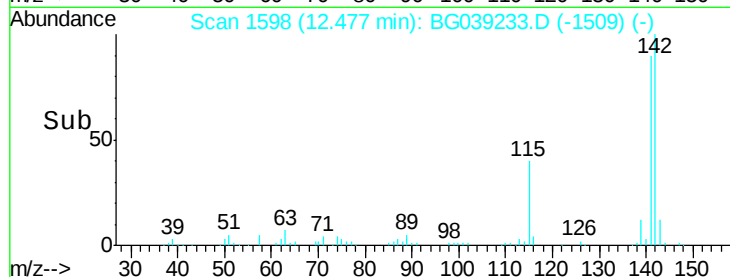
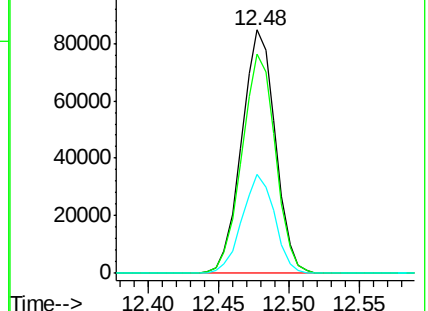
115 40.4 31.1 46.7



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: 51.797 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

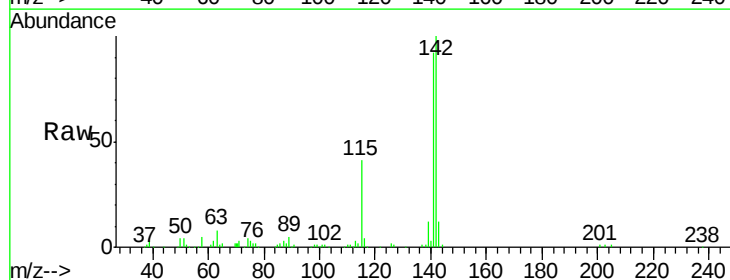
Tgt Ion:142 Resp: 135950

Ion Ratio Lower Upper

142 100

141 91.6 73.3 109.9

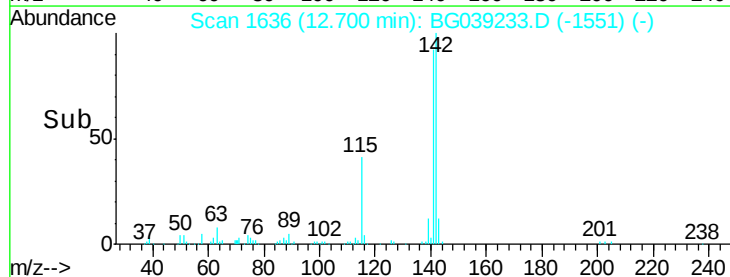
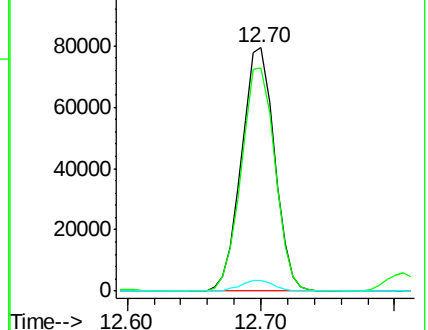
116 4.3 3.1 4.7

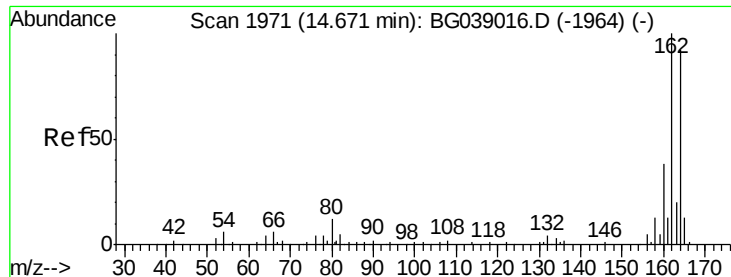


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

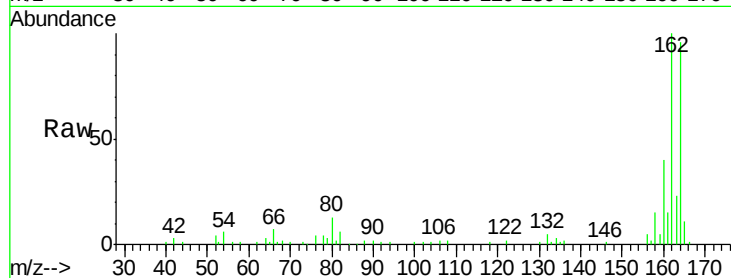
Tgt Ion:164 Resp: 52954

Ion Ratio Lower Upper

164 100

162 103.8 87.2 130.8

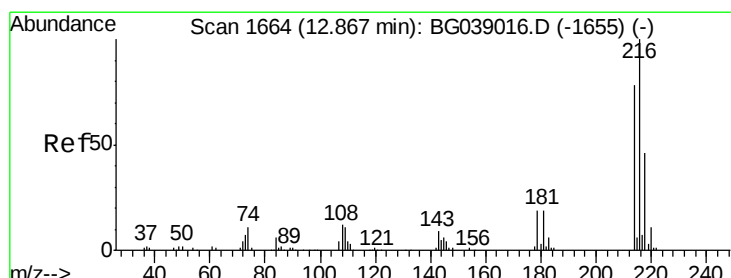
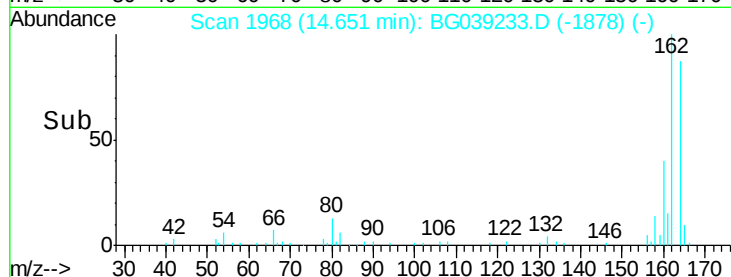
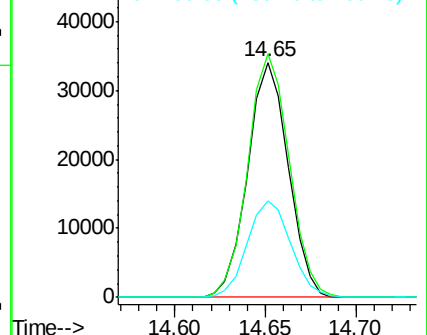
160 41.0 33.3 49.9



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: 46.370 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Tgt Ion:216 Resp: 92218

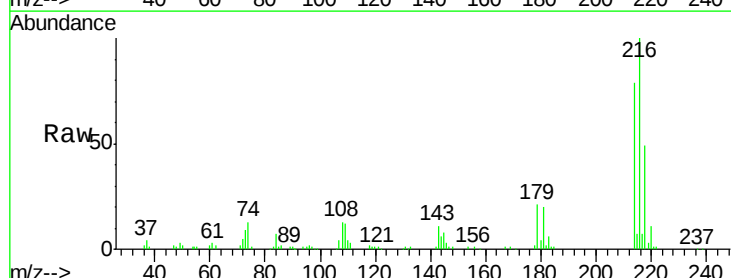
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 19.6 15.5 23.3

108 15.7 11.4 17.2

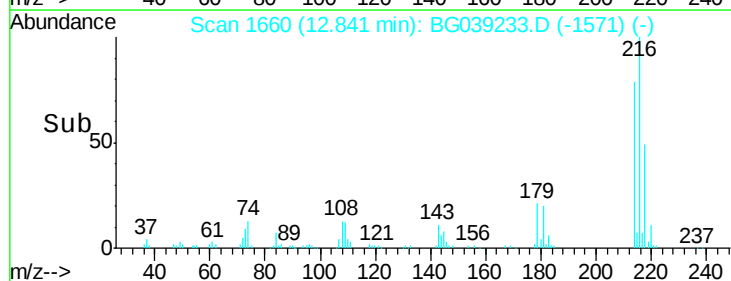
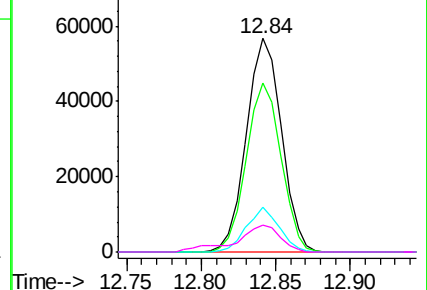


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.229 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

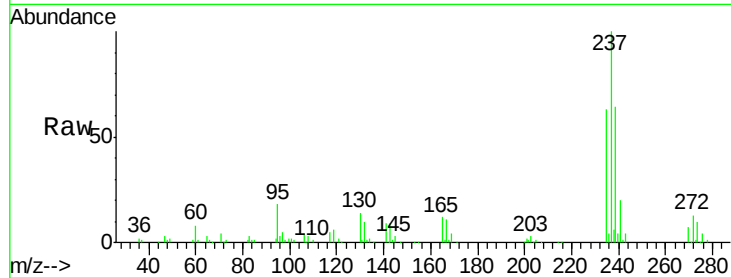
Tgt Ion:237 Resp: 99534

Ion Ratio Lower Upper

237 100

235 62.7 41.7 81.7

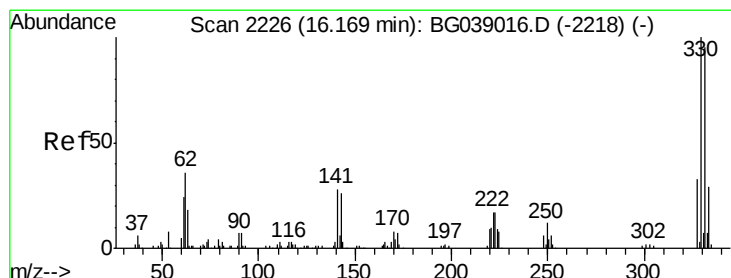
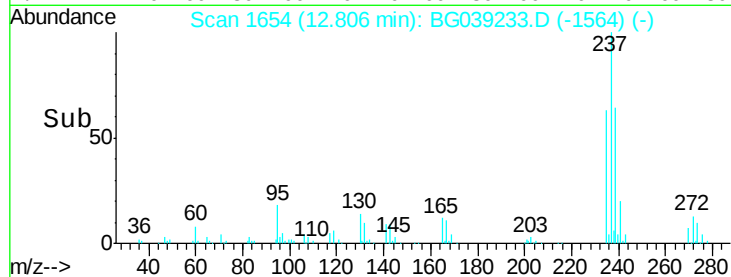
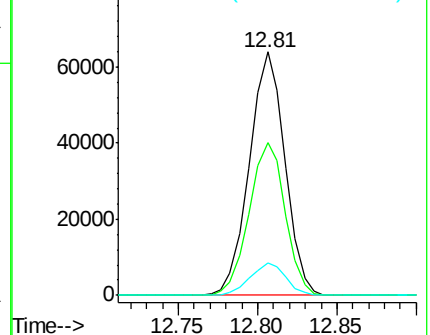
272 13.3 0.0 32.1



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: 146.086 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

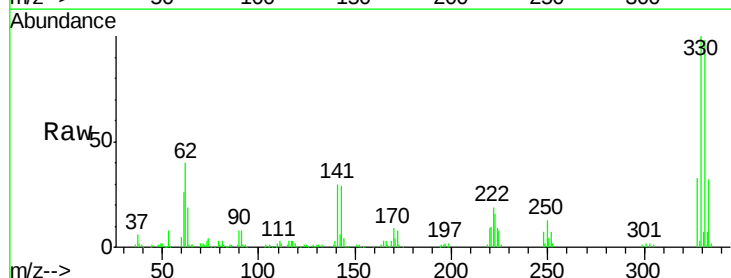
Tgt Ion:330 Resp: 129674

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

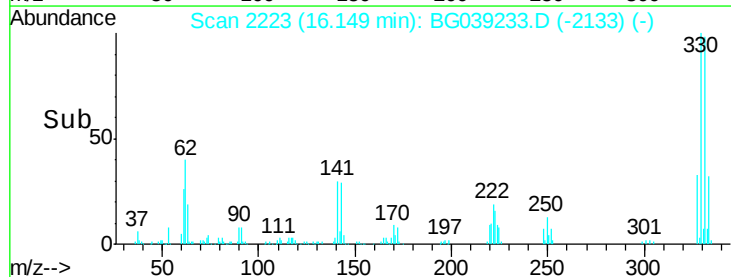
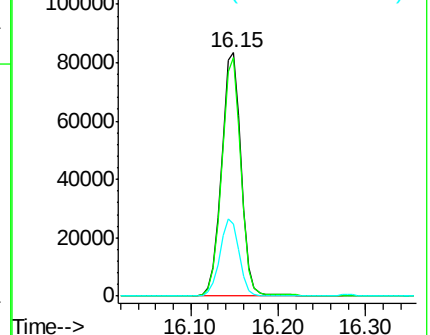
141 31.1 24.9 37.3

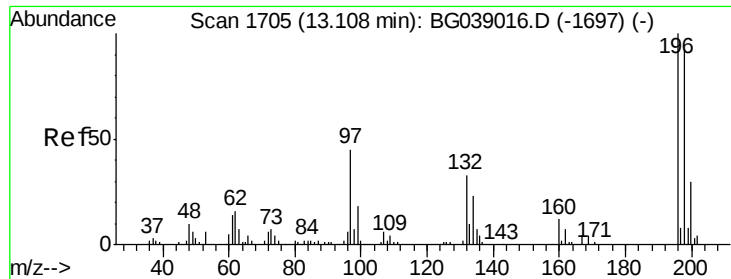


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

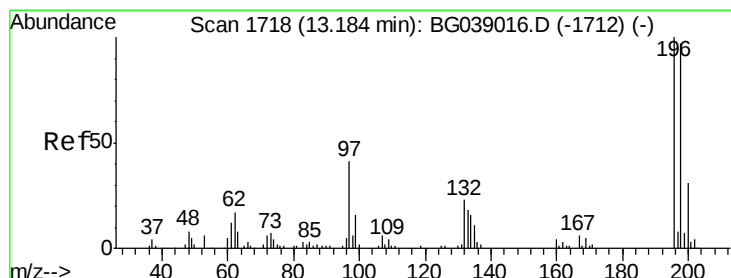
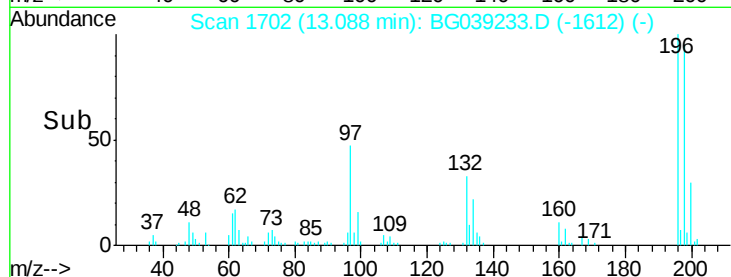
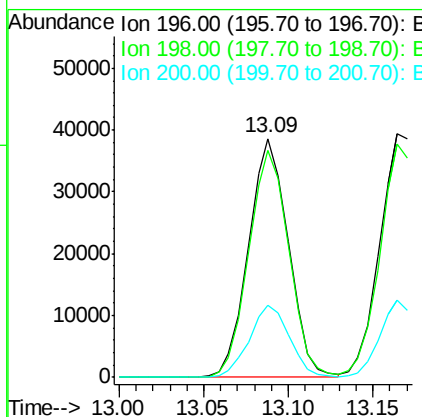
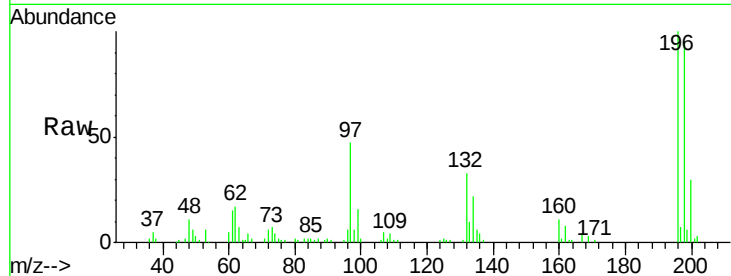




#43
 2,4,6-Trichlorophenol
 Concen: 50.670 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

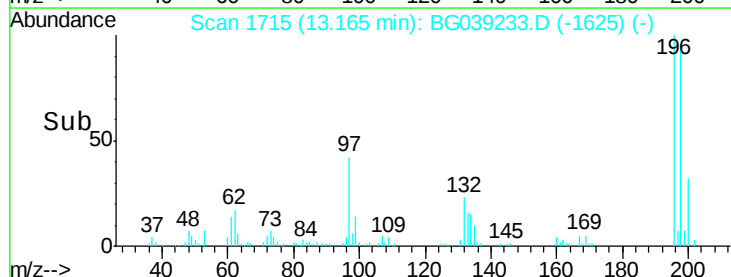
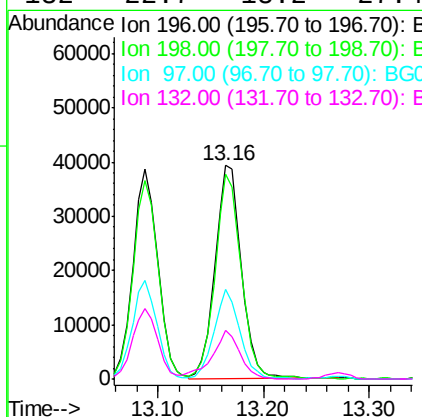
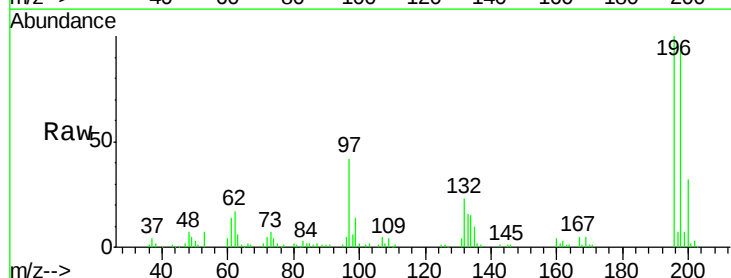
Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

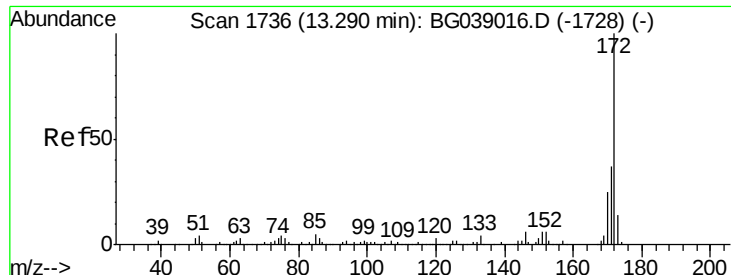
Tgt Ion:196 Resp: 63421
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.5 111.7
 200 29.9 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 51.711 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Tgt Ion:196 Resp: 68408
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.1 117.1
 97 41.8 33.2 49.8
 132 22.7 18.2 27.4

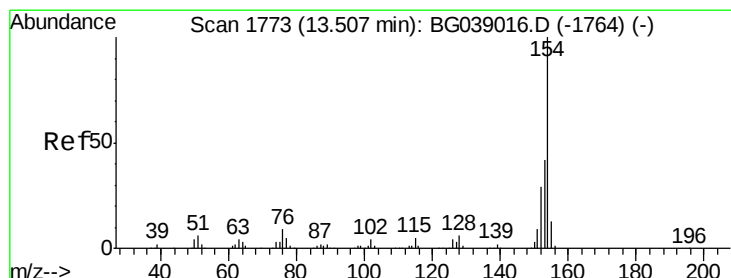
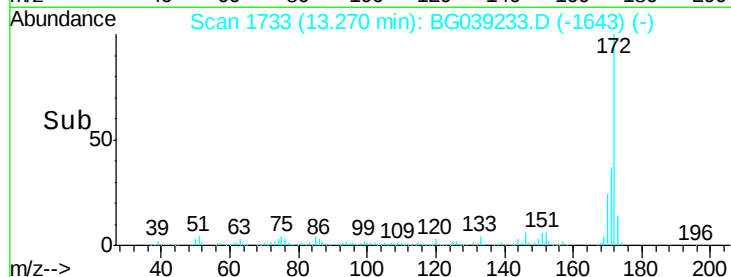
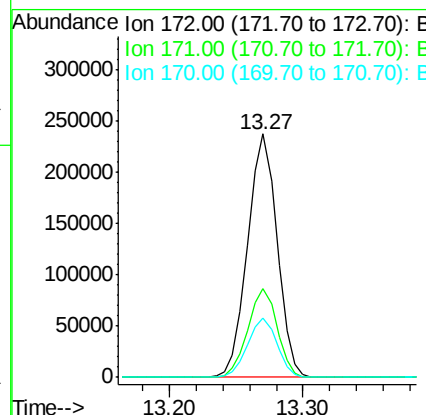
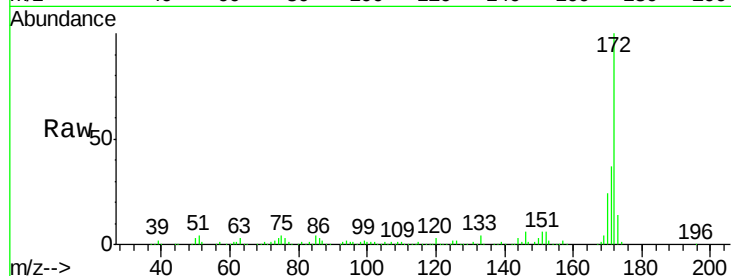




#45
2-Fluorobiphenyl
Concen: 93.288 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

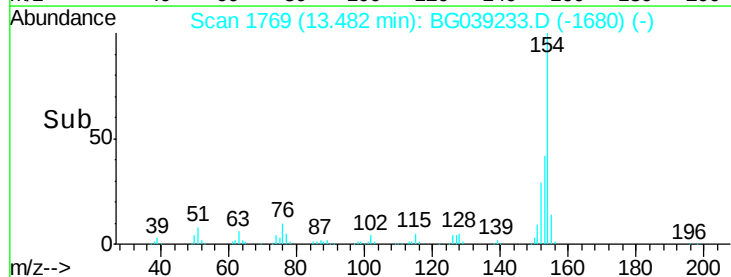
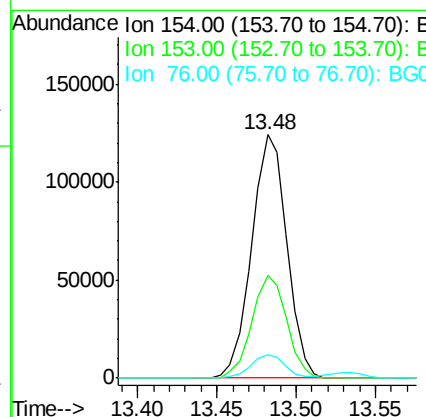
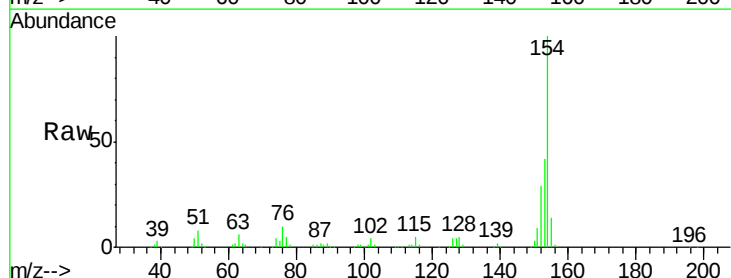
Instrument :
BNA_G
ClientSampleId :
C-1MS

Tgt Ion:172 Resp: 360959
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.2 20.1 30.1



#46
1,1'-Biphenyl
Concen: 45.644 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Tgt Ion:154 Resp: 191519
Ion Ratio Lower Upper
154 100
153 42.2 22.4 62.4
76 9.6 0.0 29.4

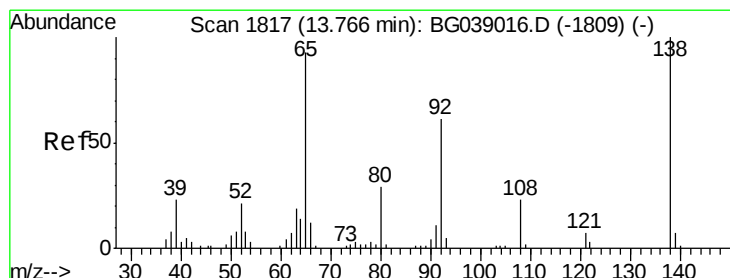
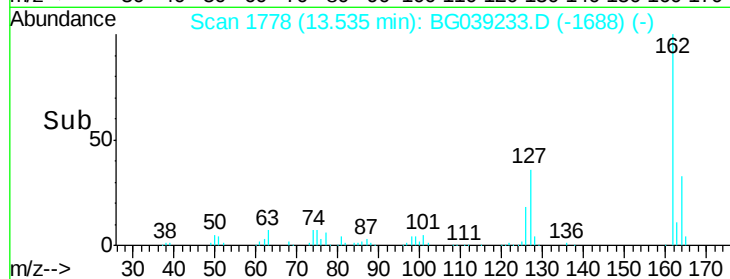
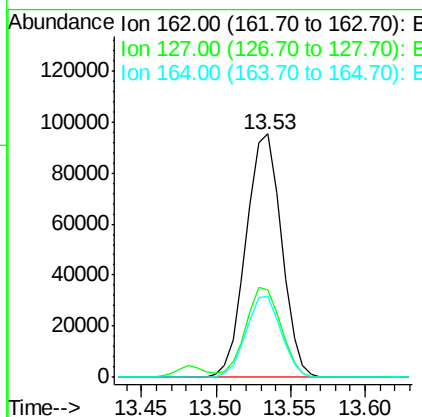
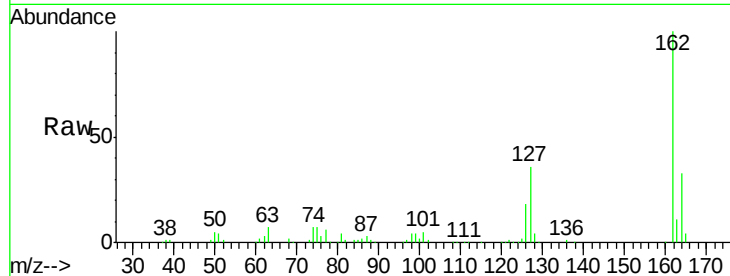




#47
 2-Chloronaphthalene
 Concen: 46.011 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

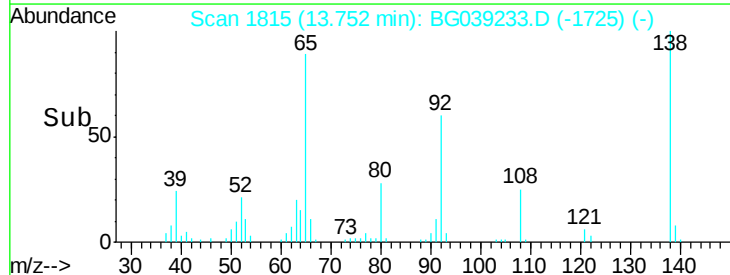
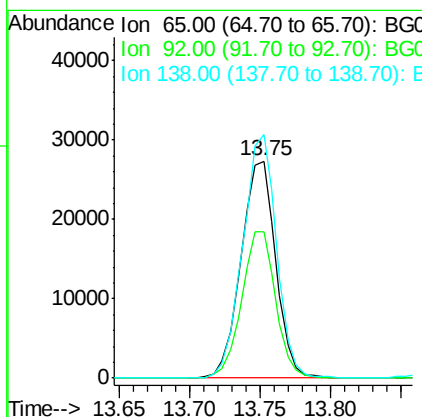
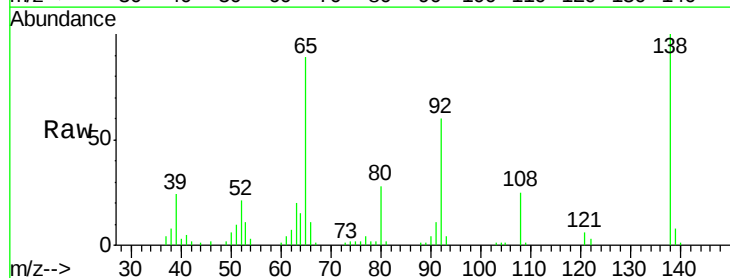
Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

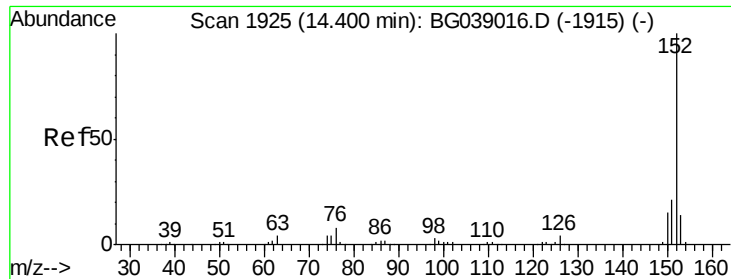
Tgt Ion: 162 Resp: 156229
 Ion Ratio Lower Upper
 162 100
 127 36.0 28.4 42.6
 164 33.1 26.3 39.5



#48
 2-Nitroaniline
 Concen: 49.434 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Tgt Ion: 65 Resp: 47024
 Ion Ratio Lower Upper
 65 100
 92 67.7 52.2 78.4
 138 112.3 86.0 129.0





#49

Acenaphthylene

Concen: 49.718 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

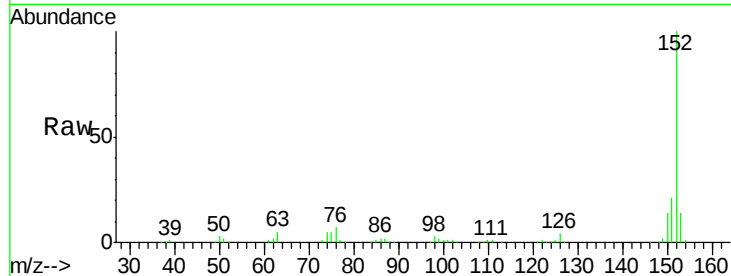
Tgt Ion:152 Resp: 253740

Ion Ratio Lower Upper

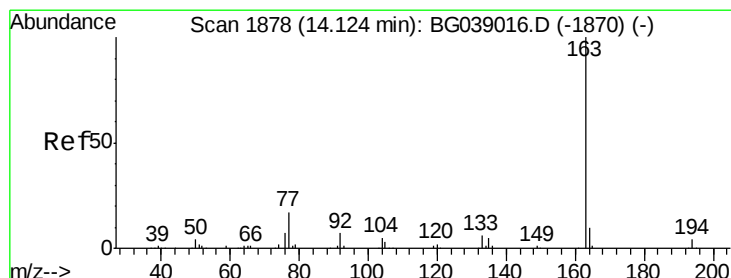
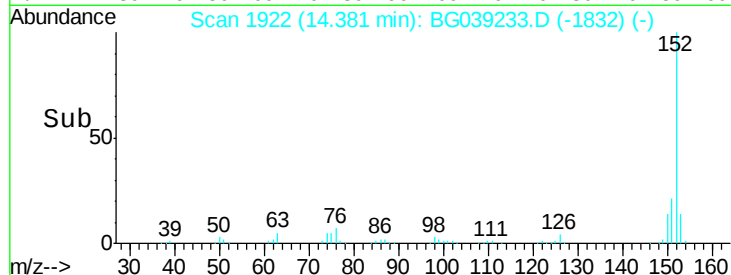
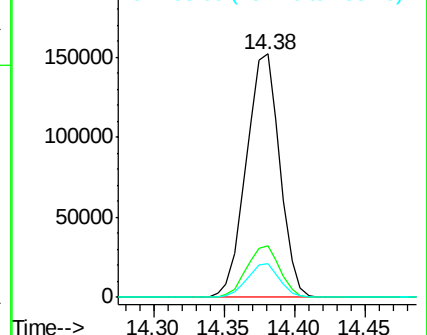
152 100

151 21.0 17.0 25.4

153 13.6 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.267 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

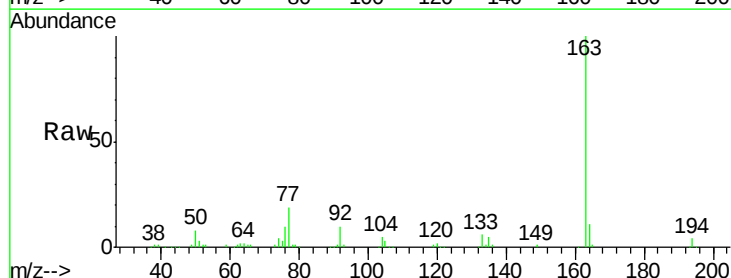
Tgt Ion:163 Resp: 238361

Ion Ratio Lower Upper

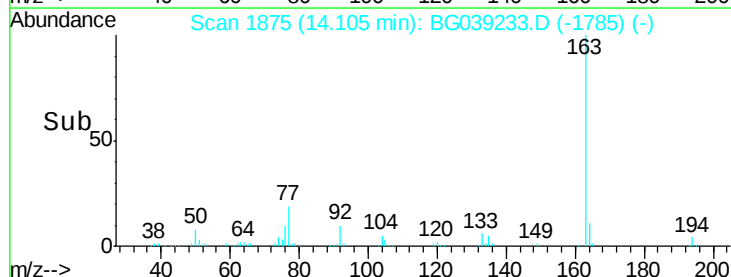
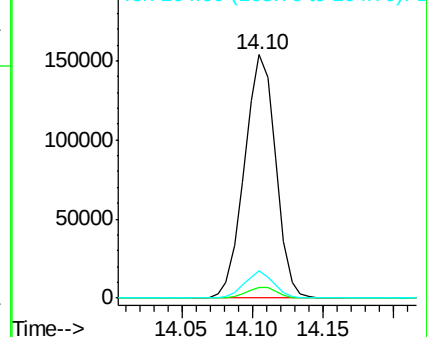
163 100

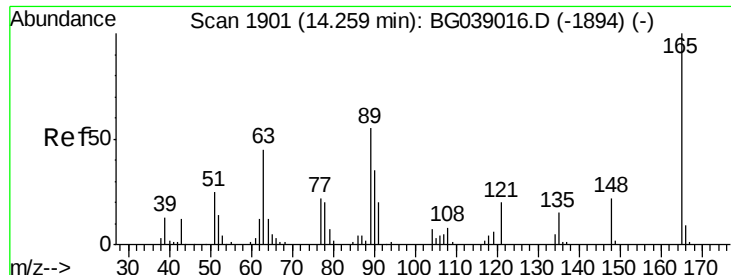
194 4.4 3.6 5.4

164 11.0 8.2 12.2



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

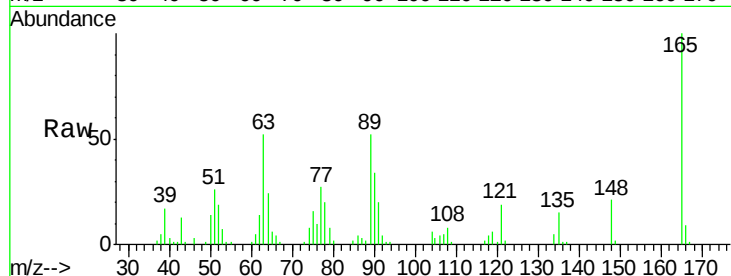




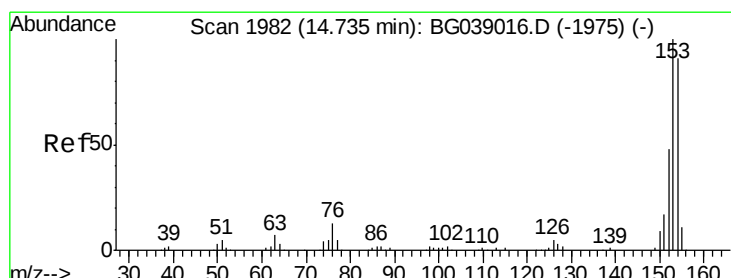
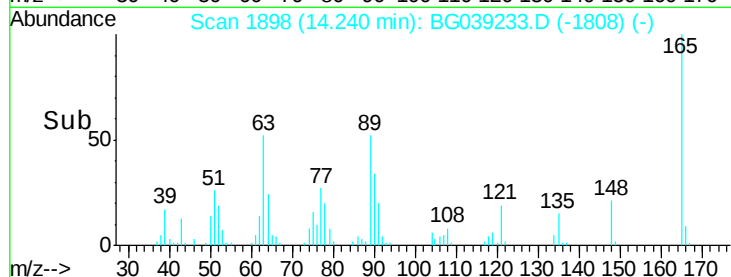
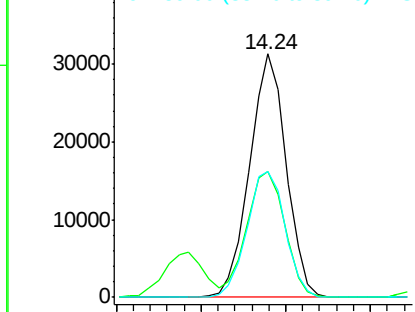
#51
2,6-Dinitrotoluene
Concen: 47.008 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Instrument :
BNA_G
ClientSampleId :
C-1MS

Tgt Ion:165 Resp: 47030
Ion Ratio Lower Upper
165 100
63 51.5 43.6 65.4
89 51.5 43.7 65.5

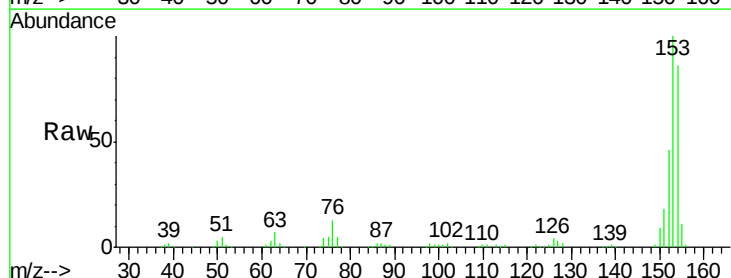


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

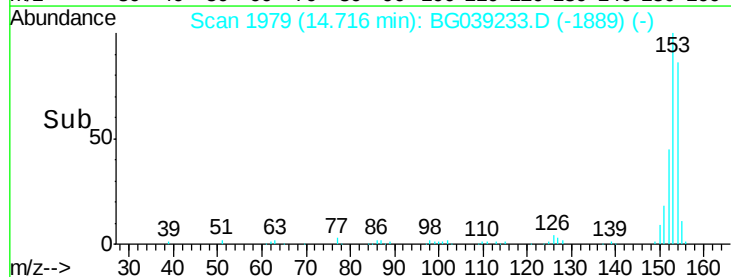
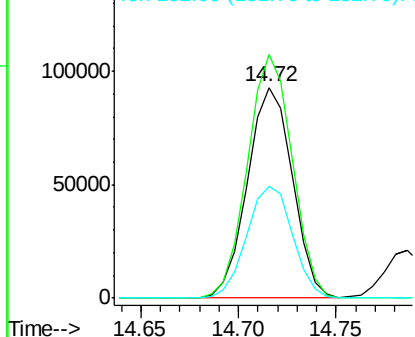


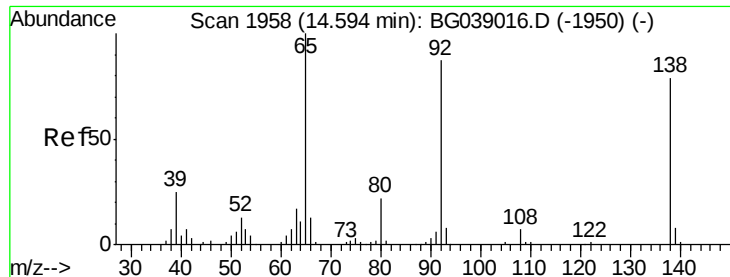
#52
Acenaphthene
Concen: 48.322 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Tgt Ion:154 Resp: 148174
Ion Ratio Lower Upper
154 100
153 115.7 87.9 131.9
152 53.3 42.2 63.2



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: 25.226 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

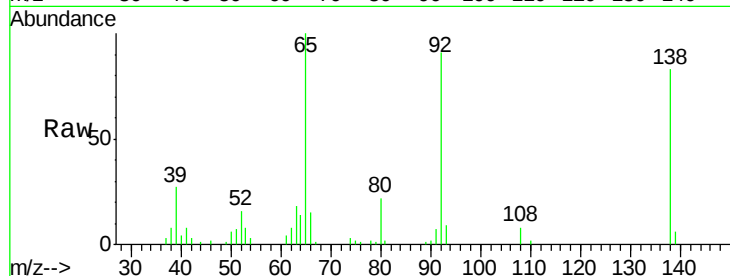
Tgt Ion:138 Resp: 25602

Ion Ratio Lower Upper

138 100

108 9.3 7.4 11.0

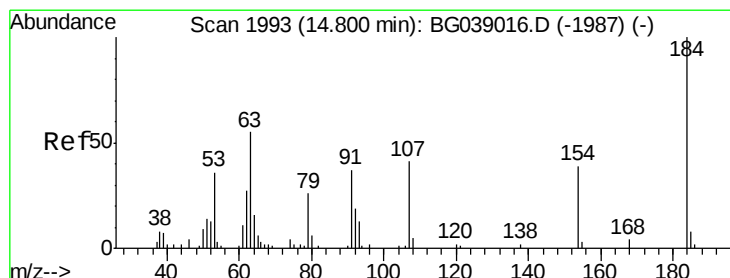
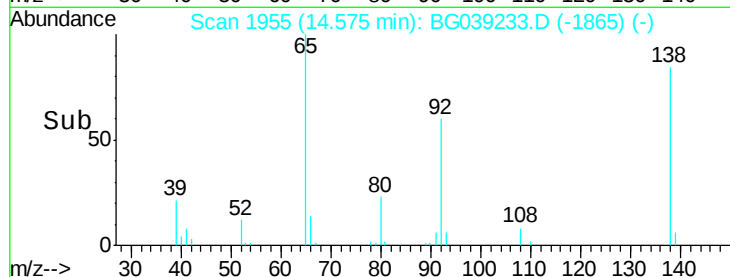
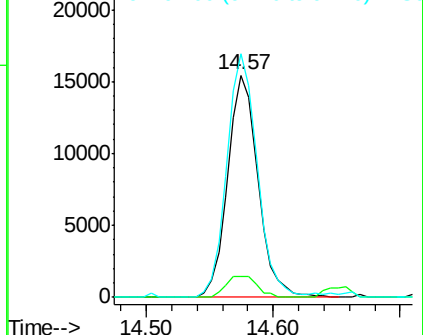
92 109.7 88.2 132.4



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: 89.498 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

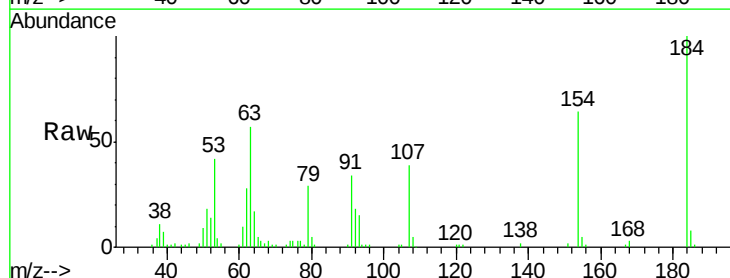
Tgt Ion:184 Resp: 53943

Ion Ratio Lower Upper

184 100

63 56.8 44.0 66.0

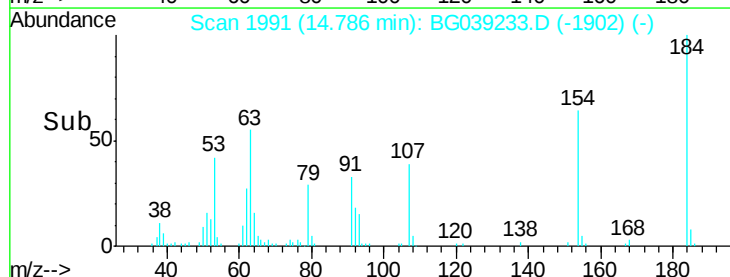
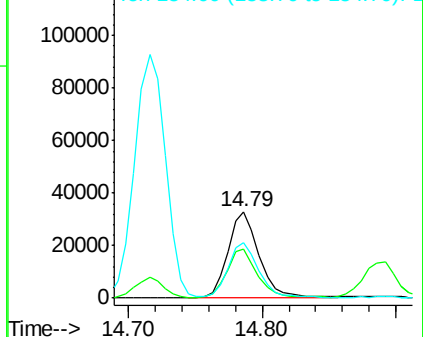
154 63.5 46.1 69.1

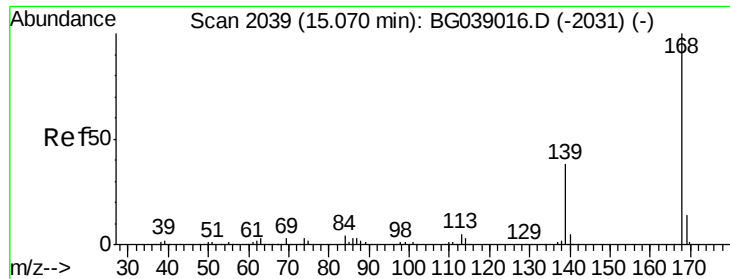


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

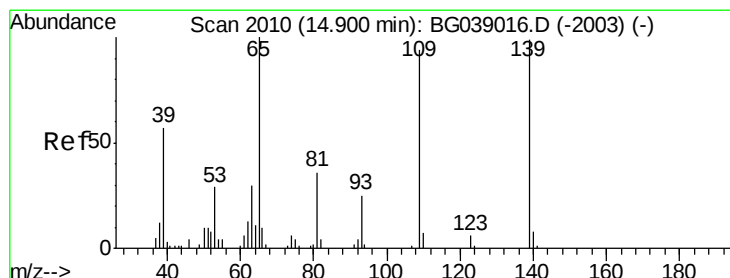
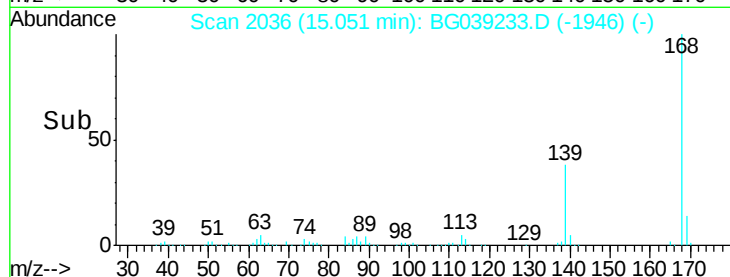
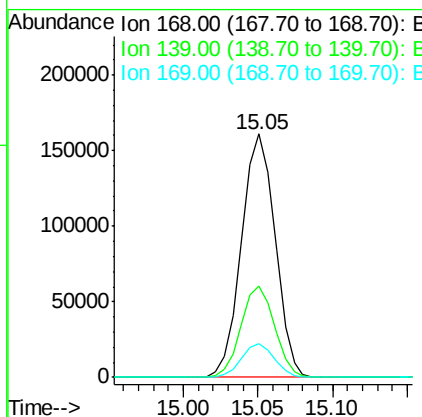
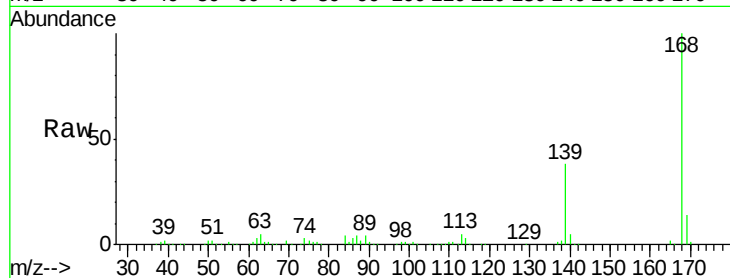




#55
Dibenzenofuran
Concen: 46.465 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

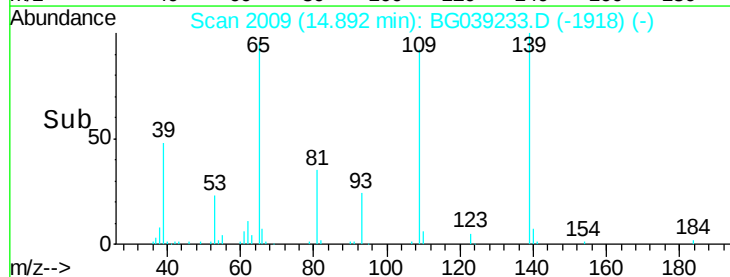
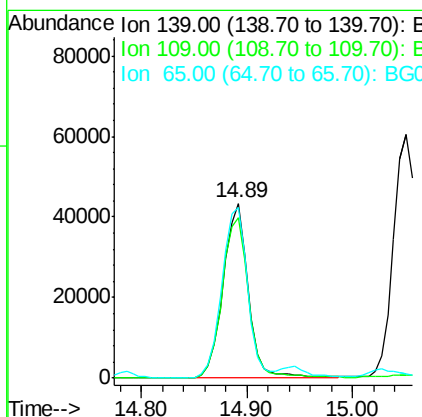
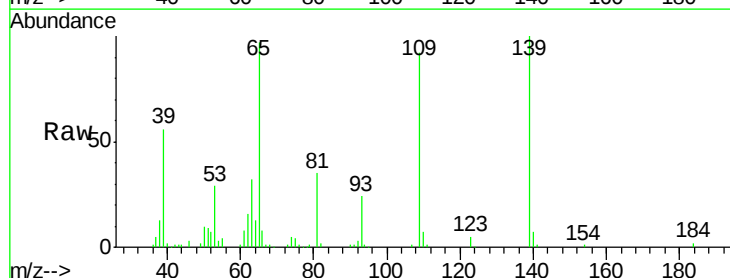
Instrument :
BNA_G
ClientSampleId :
C-1MS

Tgt Ion:168 Resp: 251638
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 98.002 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Tgt Ion:139 Resp: 71566
Ion Ratio Lower Upper
139 100
109 91.7 75.6 115.6
65 97.2 81.2 121.2

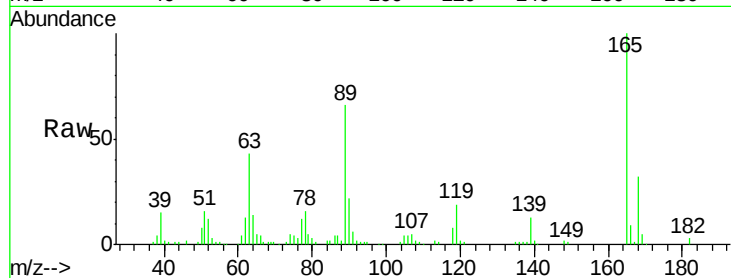




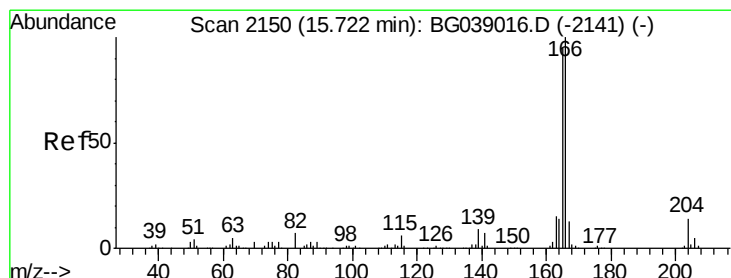
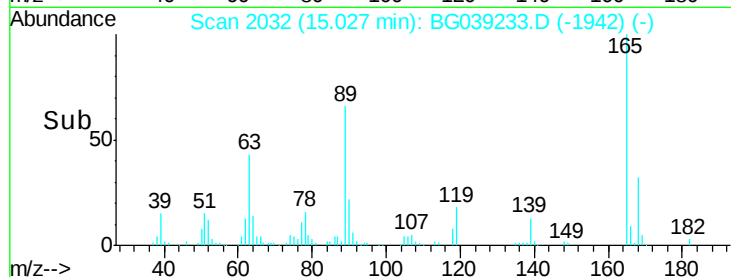
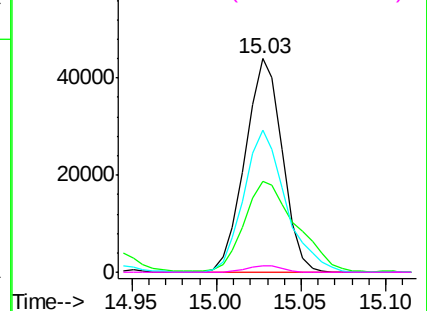
#57
2,4-Dinitrotoluene
Concen: 46.957 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Instrument :
BNA_G
ClientSampleId :
C-1MS

Tgt Ion:165 Resp: 67399
Ion Ratio Lower Upper
165 100
63 42.7 30.2 45.4
89 66.3 53.2 79.8
182 3.0 2.7 4.1

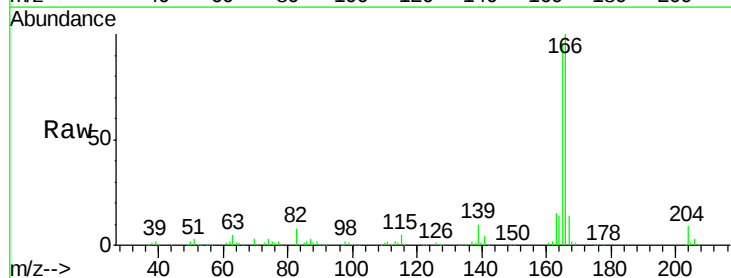


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

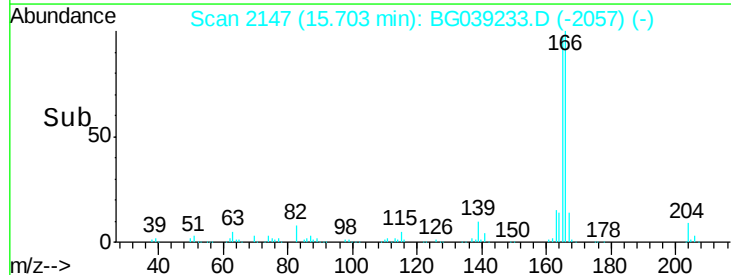
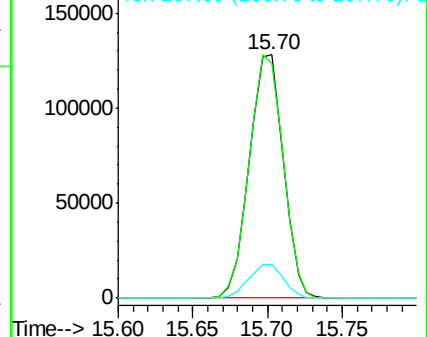


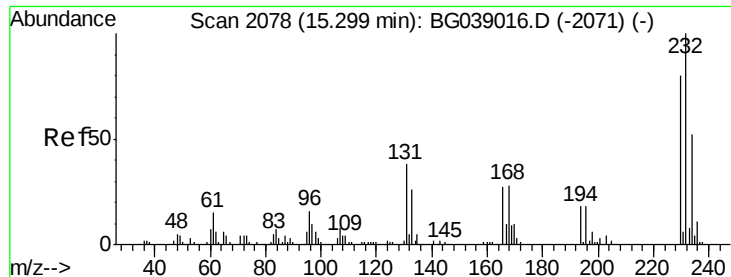
#58
Fluorene
Concen: 49.526 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Tgt Ion:166 Resp: 201888
Ion Ratio Lower Upper
166 100
165 96.5 76.2 114.2
167 13.8 10.6 16.0



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

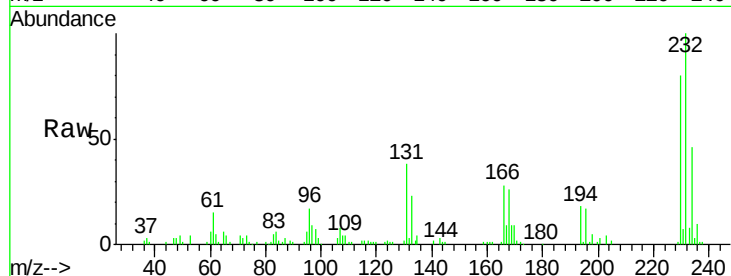




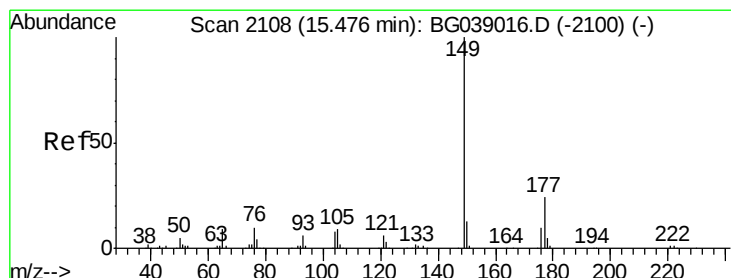
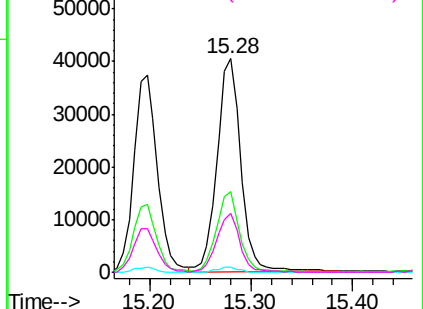
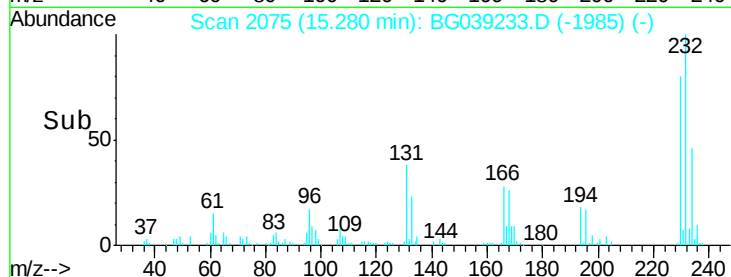
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.599 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

Tgt Ion:232 Resp: 65684
 Ion Ratio Lower Upper
 232 100
 131 36.9 30.9 46.3
 130 2.1 1.9 2.9
 166 27.0 22.1 33.1

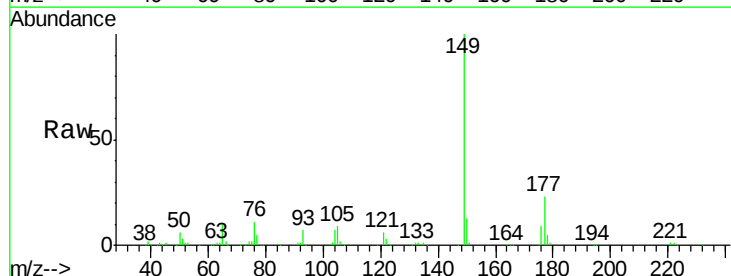


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

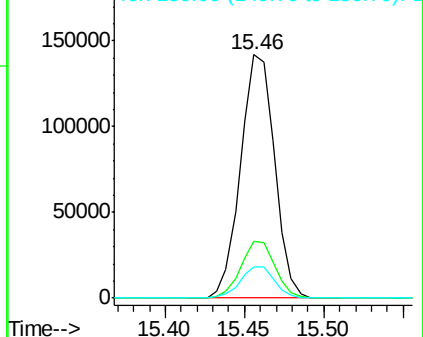
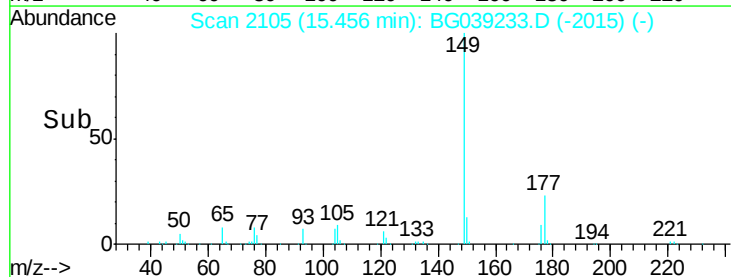


#60
 Diethylphthalate
 Concen: 45.846 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Tgt Ion:149 Resp: 211373
 Ion Ratio Lower Upper
 149 100
 177 23.5 19.0 28.6
 150 12.9 10.2 15.4



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

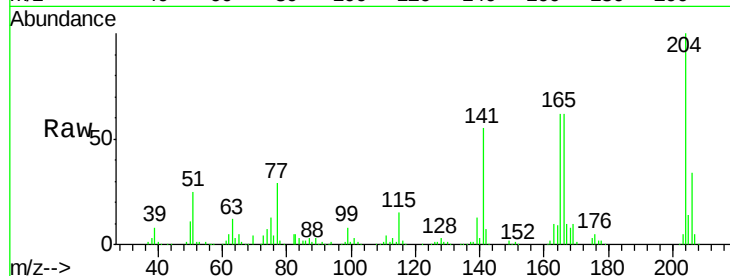




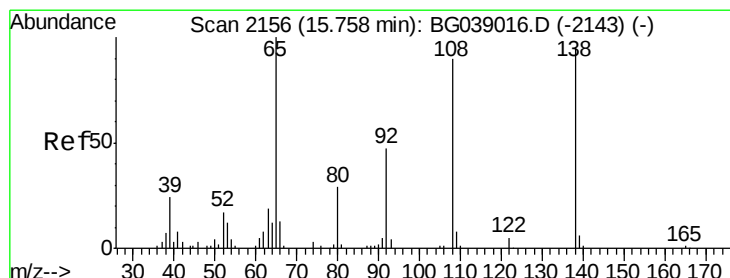
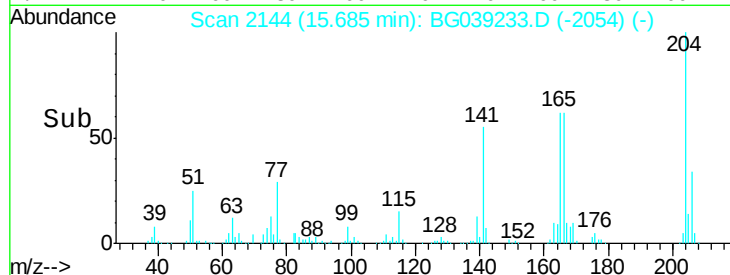
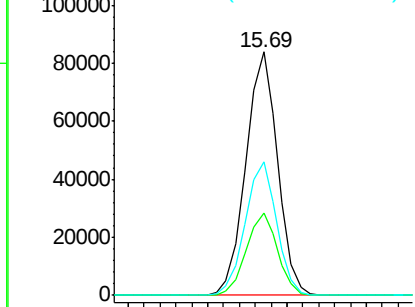
#61
 4-Chlorophenyl-phenylether
 Concen: 45.319 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

Tgt Ion: 204 Resp: 116388
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.6 39.8
 141 54.8 41.4 62.0

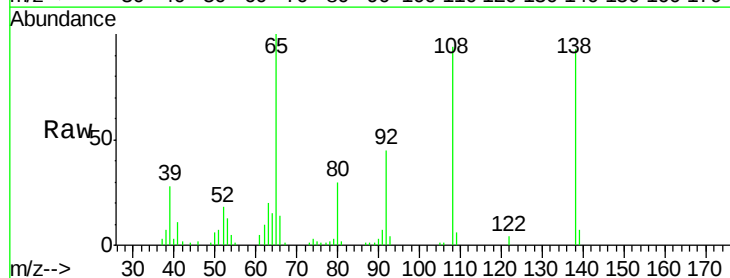


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

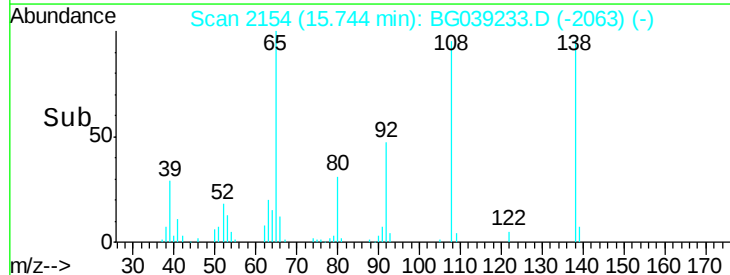
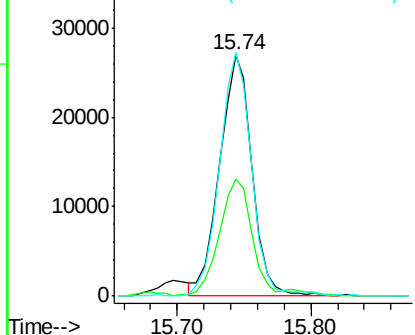


#62
 4-Nitroaniline
 Concen: 43.306 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Tgt Ion: 138 Resp: 45786
 Ion Ratio Lower Upper
 138 100
 92 48.5 29.7 69.7
 108 100.8 75.7 115.7



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: 46.104 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

Tgt Ion: 77 Resp: 166227

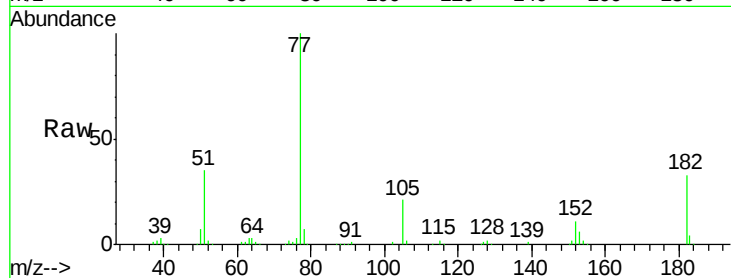
Ion Ratio Lower Upper

77 100

182 33.3 12.2 52.2

105 20.8 1.2 41.2

51 35.2 13.4 53.4

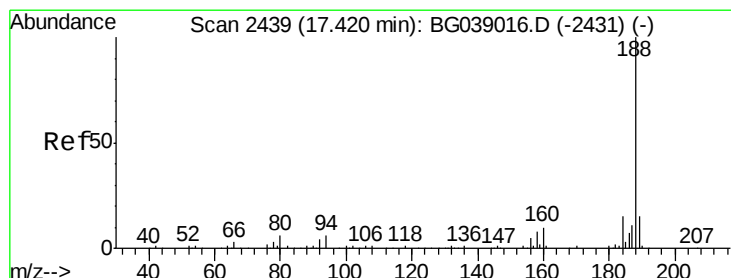
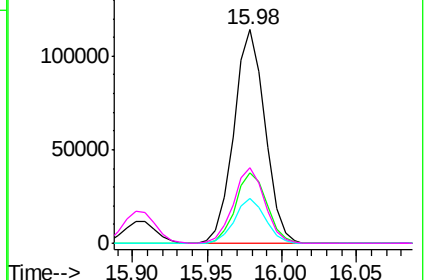
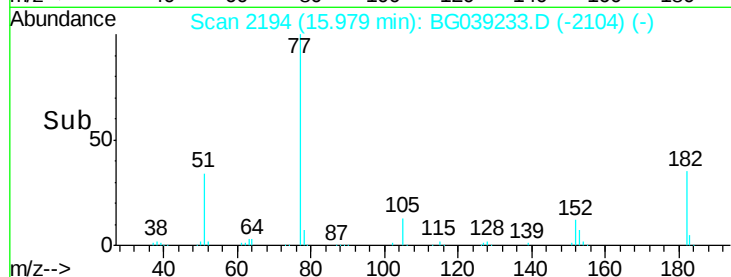


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

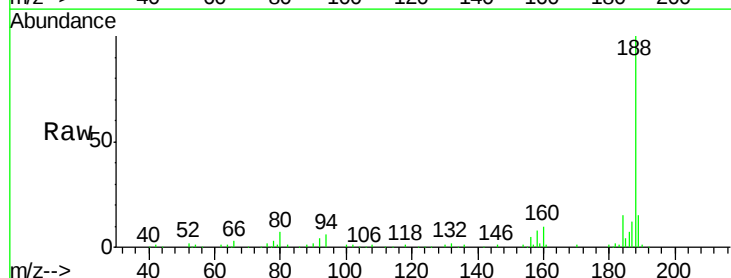
Tgt Ion: 188 Resp: 128880

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

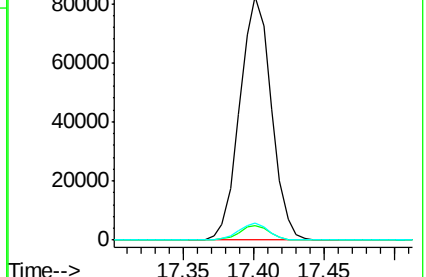
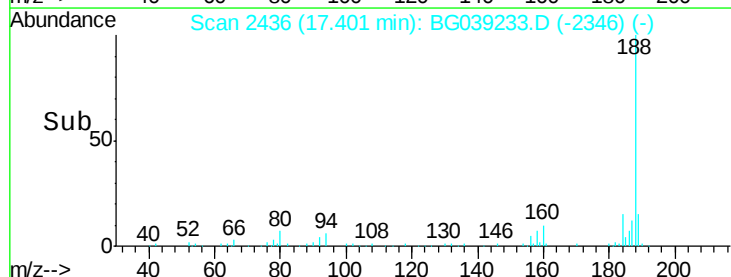
80 7.0 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

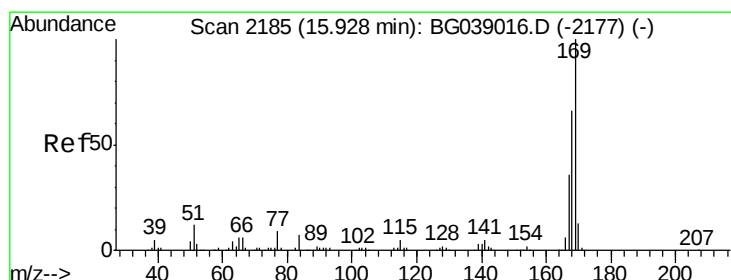
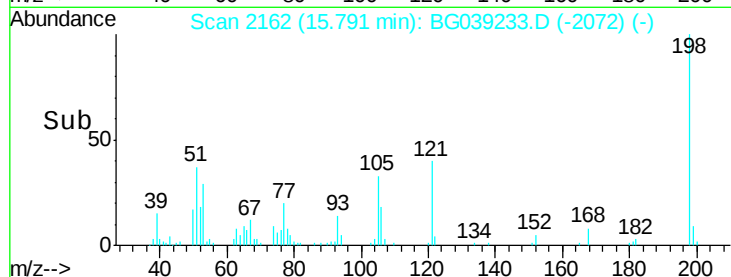
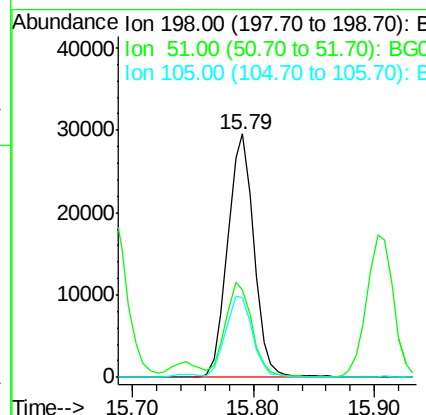
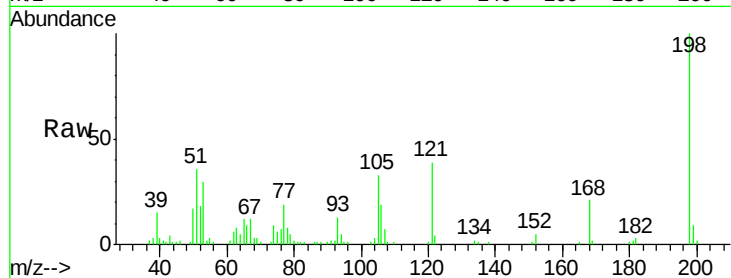




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.665 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

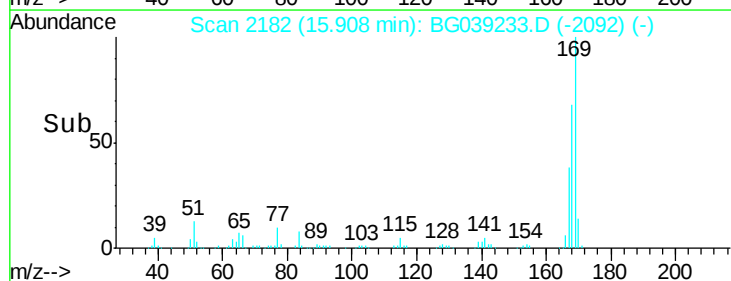
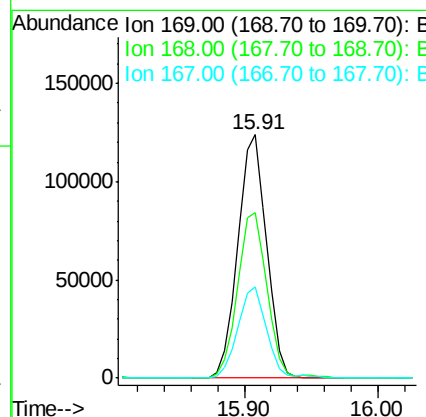
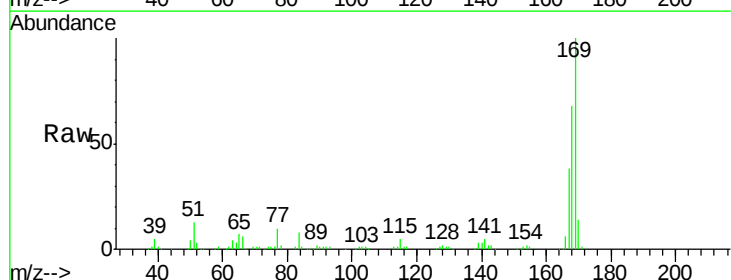
Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

Tgt Ion:198 Resp: 44557
 Ion Ratio Lower Upper
 198 100
 51 35.7 20.8 60.8
 105 32.6 16.1 56.1



#66
 n-Nitrosodiphenylamine
 Concen: 48.400 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Tgt Ion:169 Resp: 184918
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.2 79.8
 167 37.7 29.1 43.7

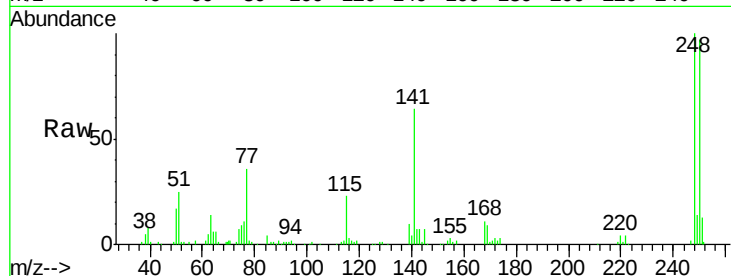




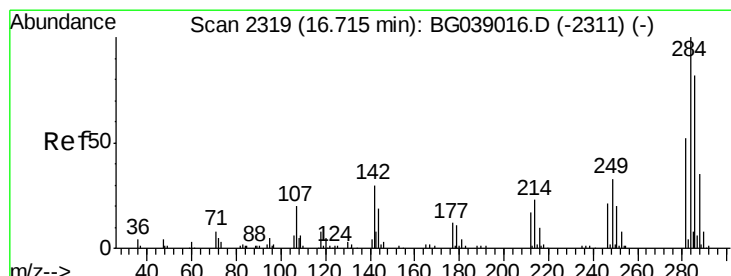
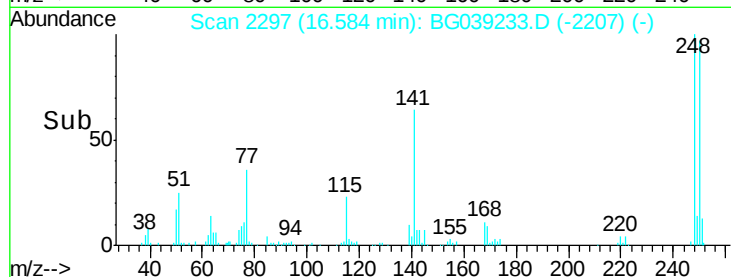
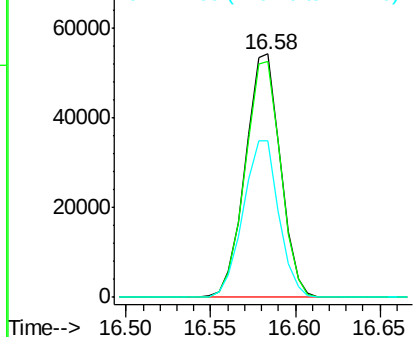
#67
 4-Bromophenyl-phenylether
 Concen: 47.474 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

Tgt Ion:248 Resp: 78650
 Ion Ratio Lower Upper
 248 100
 250 96.8 79.9 119.9
 141 64.2 52.7 79.1

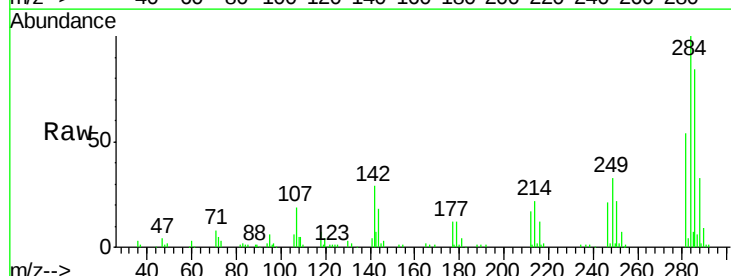


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

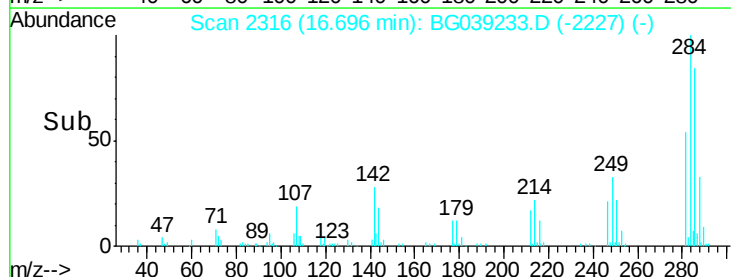
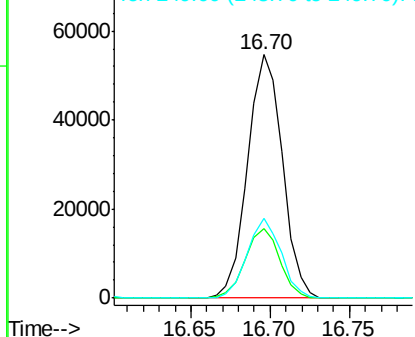


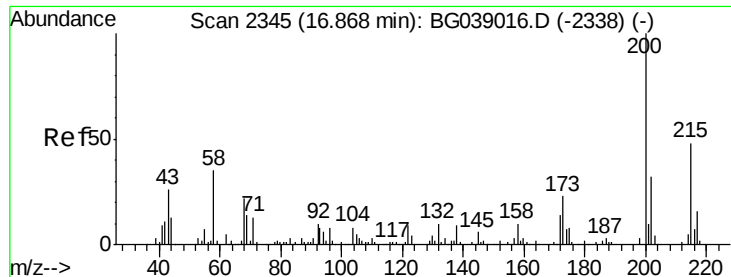
#68
 Hexachlorobenzene
 Concen: 46.109 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.01 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Tgt Ion:284 Resp: 83354
 Ion Ratio Lower Upper
 284 100
 142 28.6 24.3 36.5
 249 34.9 27.8 41.8



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: 45.420 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

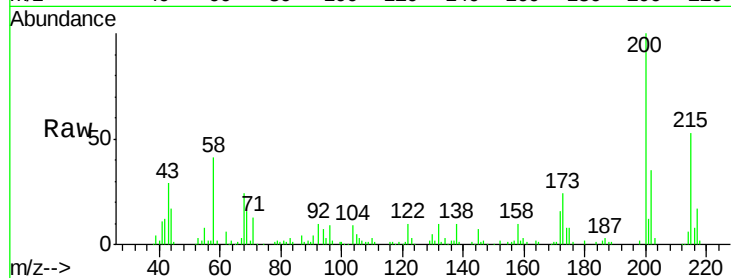
Tgt Ion:200 Resp: 73720

Ion Ratio Lower Upper

200 100

173 24.4 2.6 42.6

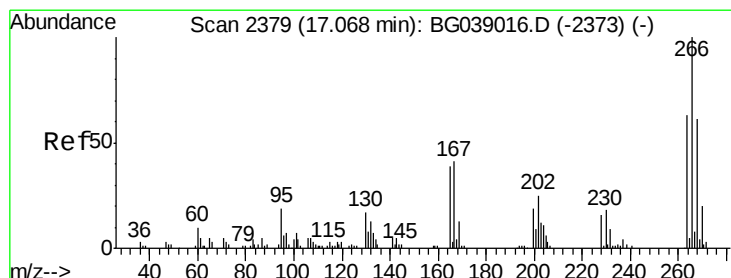
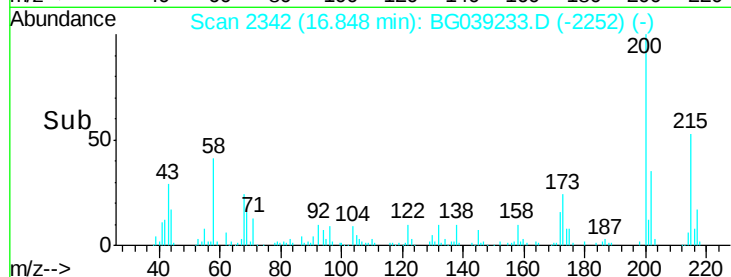
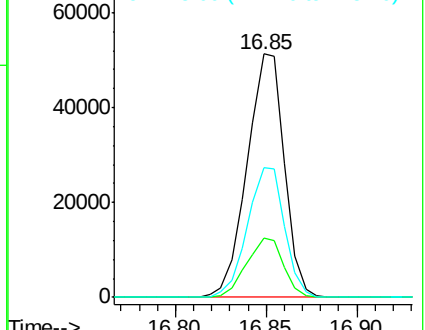
215 53.4 28.0 68.0



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: 80.124 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

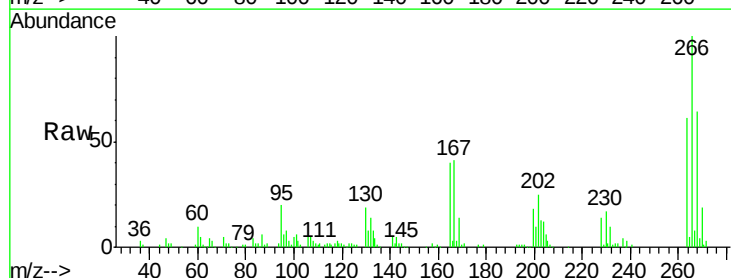
Tgt Ion:266 Resp: 89503

Ion Ratio Lower Upper

266 100

268 68.0 52.0 78.0

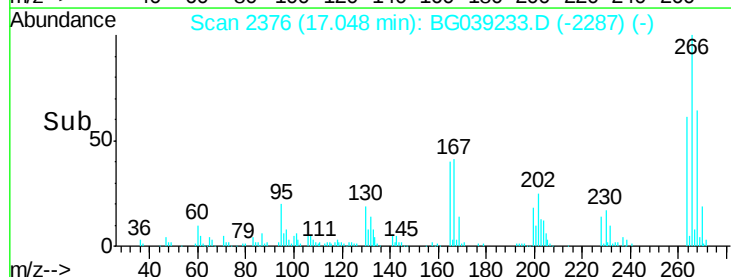
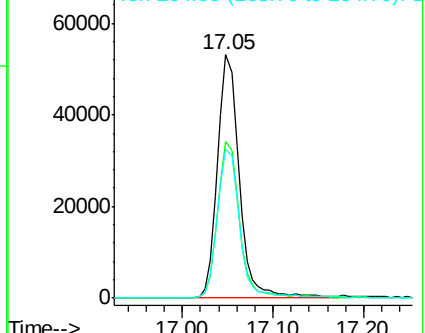
264 66.4 54.6 81.8

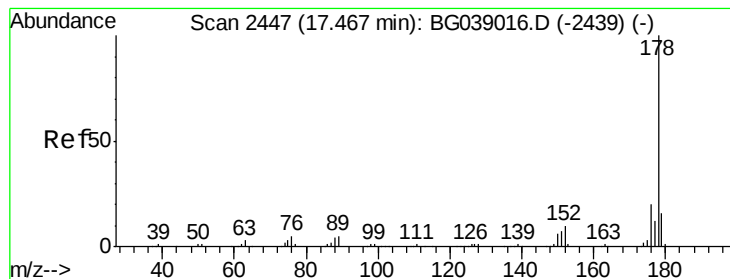


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.766 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

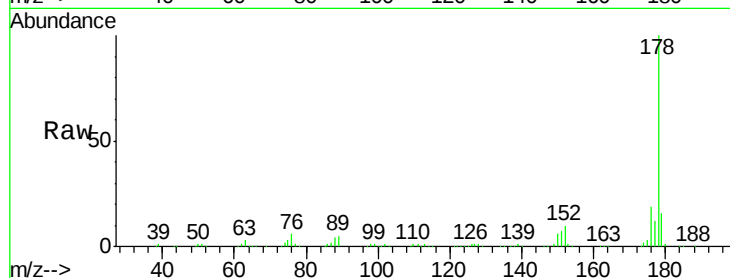
Tgt Ion:178 Resp: 345830

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

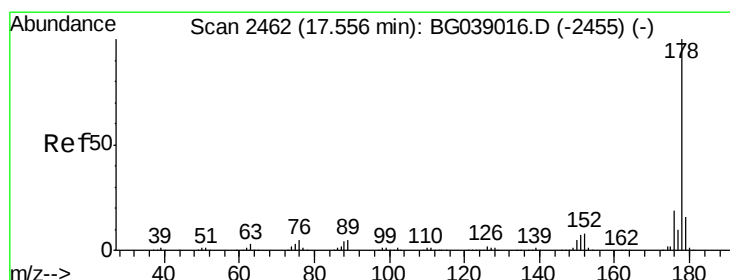
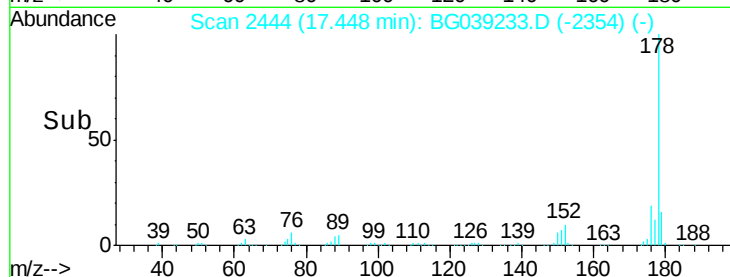
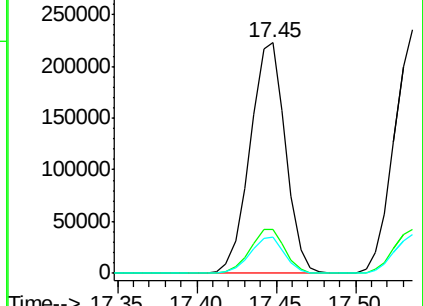
179 15.7 12.9 19.3



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: 51.942 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

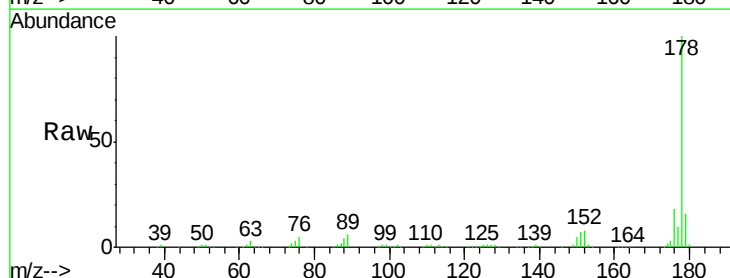
Tgt Ion:178 Resp: 349850

Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

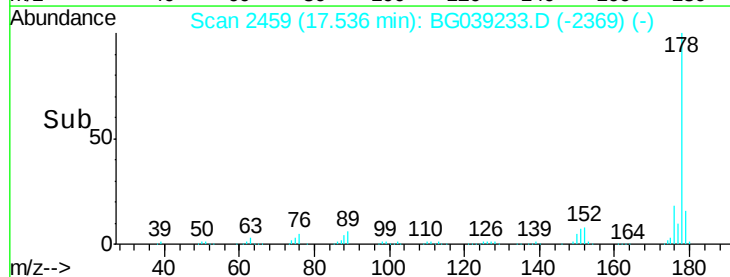
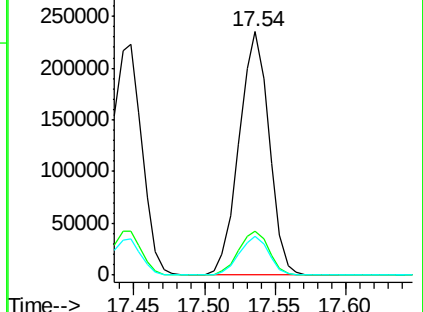
179 16.1 13.0 19.4

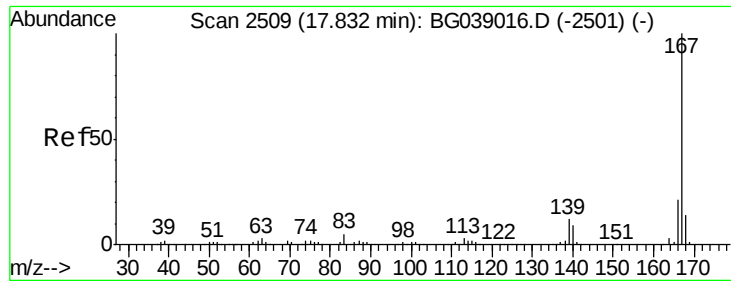


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

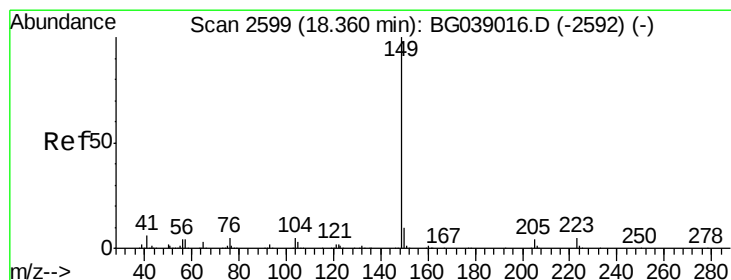
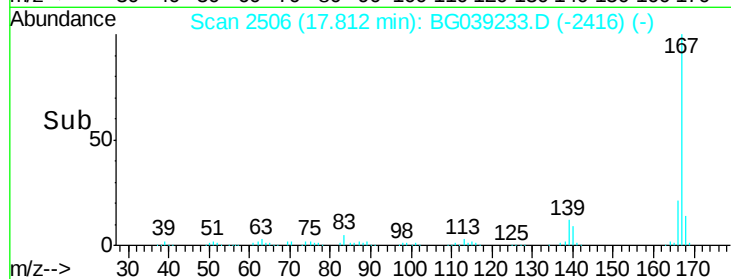
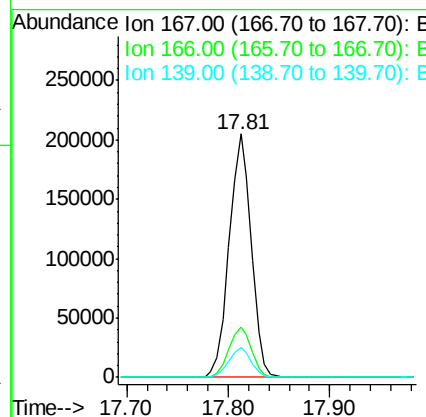
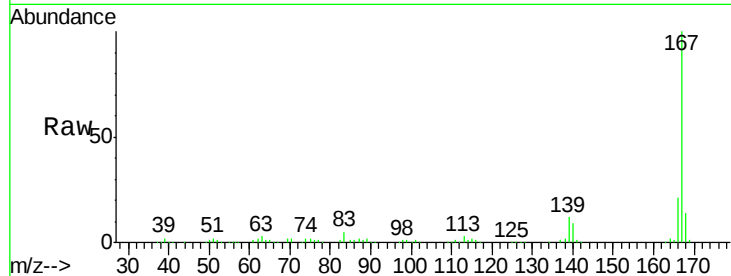




#73
 Carbazole
 Concen: 46.488 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

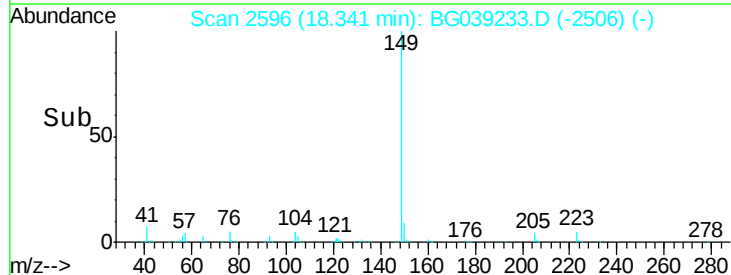
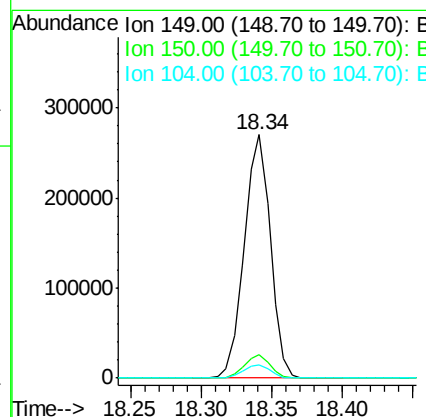
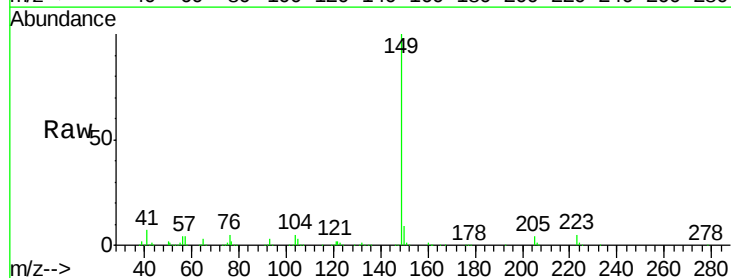
Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

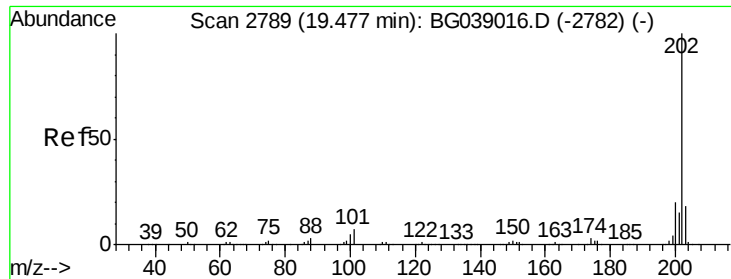
Tgt Ion:167 Resp: 309101
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.9 25.3
 139 12.1 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 47.082 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Tgt Ion:149 Resp: 348261
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.9 11.9
 104 5.3 4.2 6.2

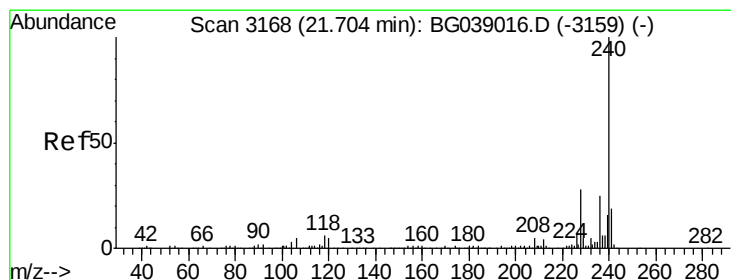
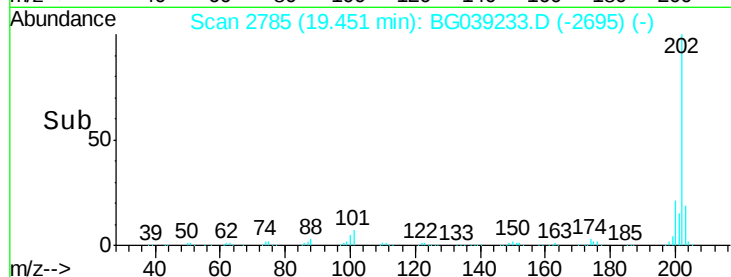
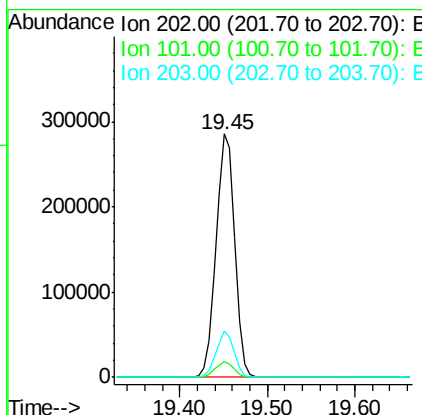
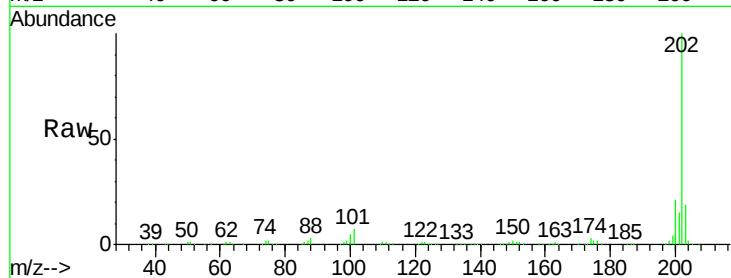




#75
 Fluoranthene
 Concen: 50.087 ng
 RT: 19.45 min Scan# 2785
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

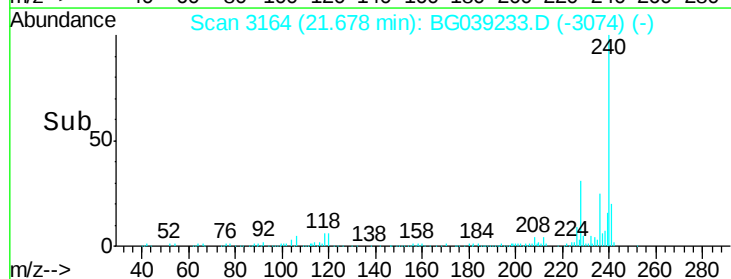
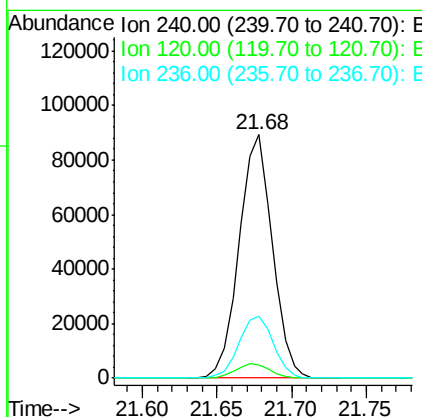
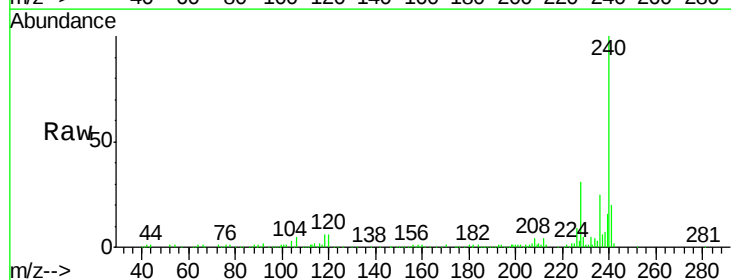
Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

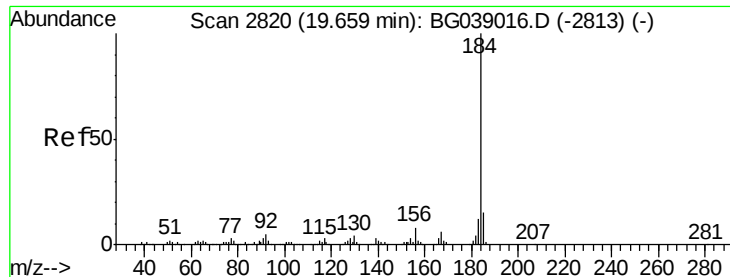
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	26.9
203	19.0	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.3	6.5
236	25.3	20.1	30.1

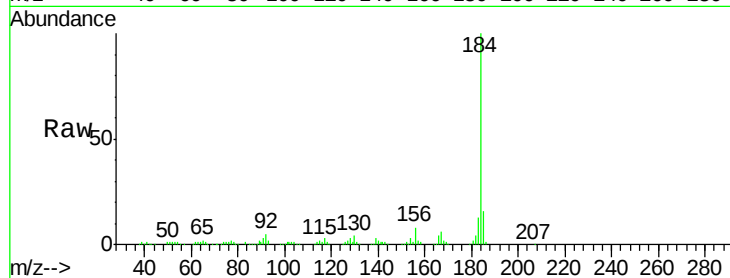




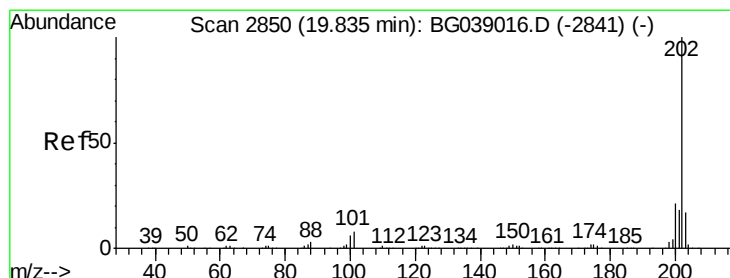
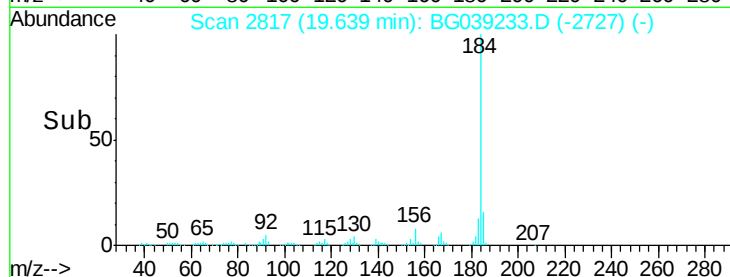
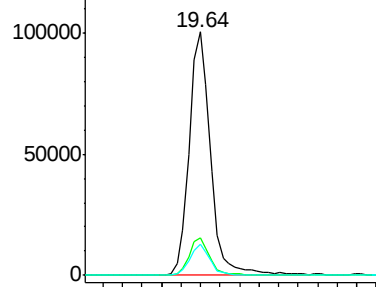
#77
Benzidine
Concen: 36.180 ng
RT: 19.64 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Instrument :
BNA_G
ClientSampleId :
C-1MS

Tgt Ion:184 Resp: 152490
Ion Ratio Lower Upper
184 100
185 15.6 12.1 18.1
183 12.8 9.5 14.3

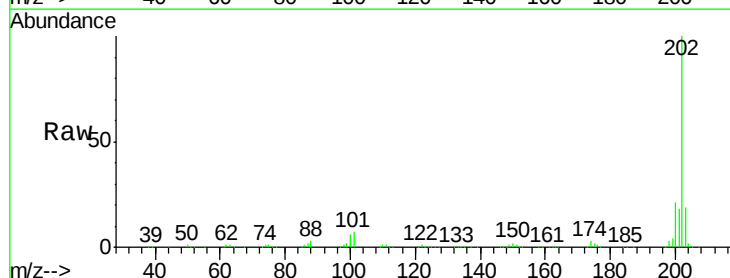


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

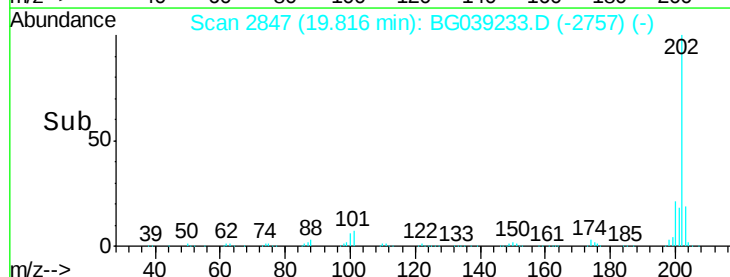
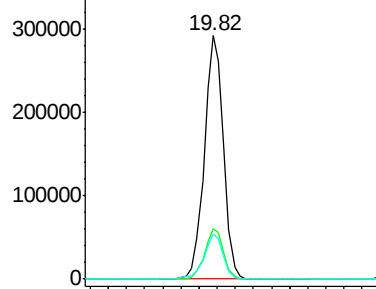


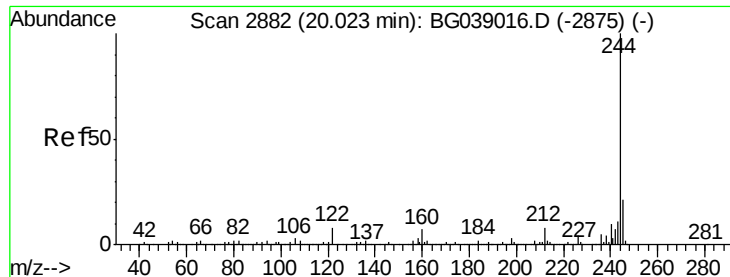
#78
Pyrene
Concen: 48.445 ng
RT: 19.82 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Tgt Ion:202 Resp: 425431
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.6
203 18.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

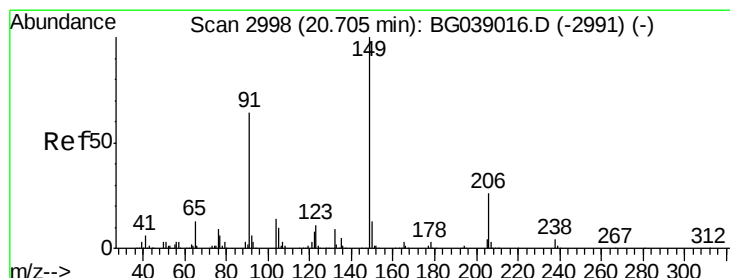
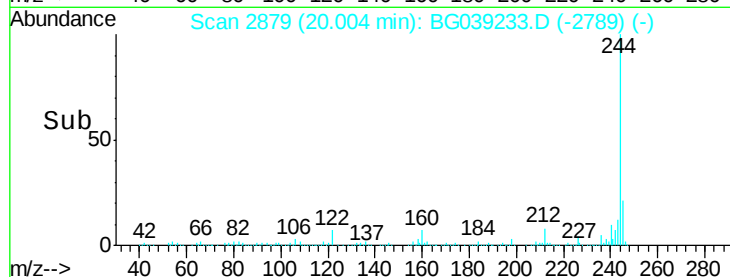
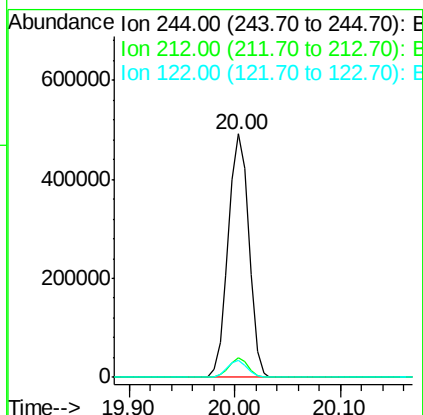
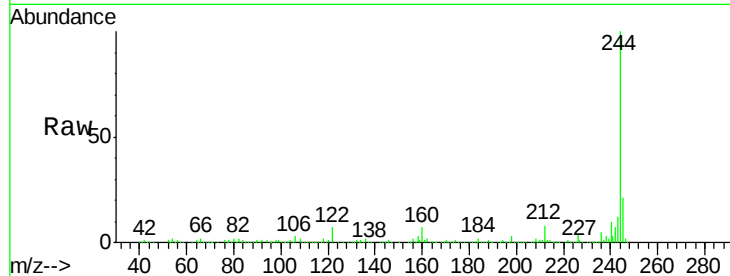




#79
 Terphenyl-d14
 Concen: 88.934 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

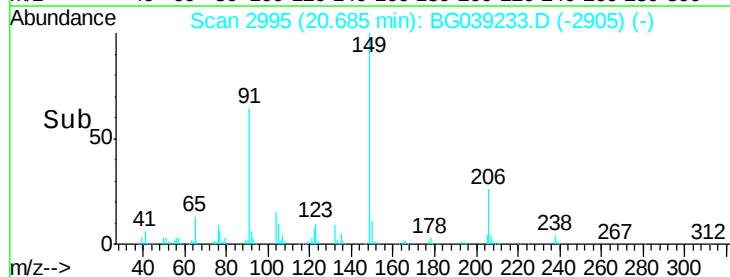
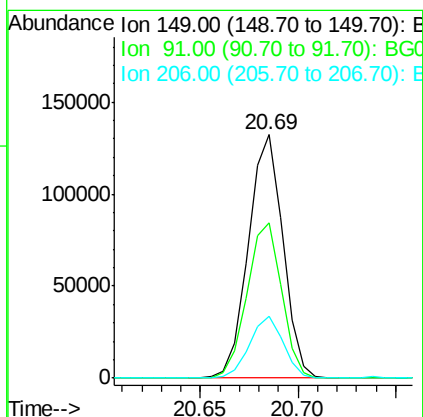
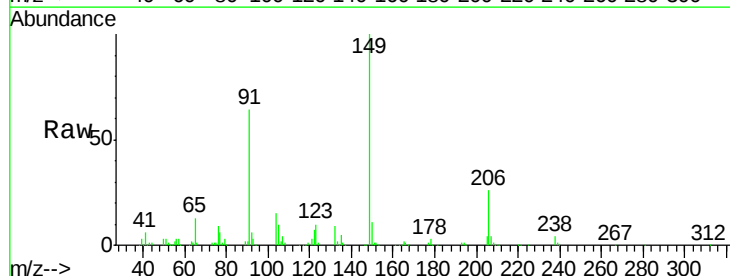
Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

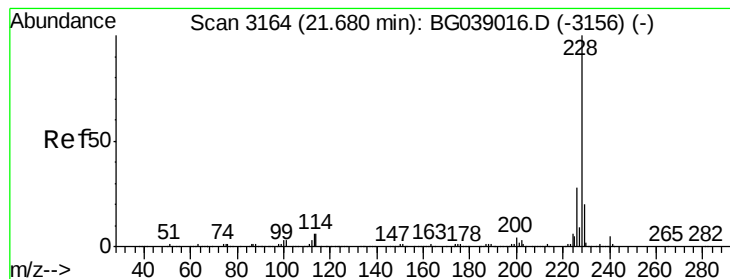
Tgt Ion:244 Resp: 662464
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 7.0 6.1 9.1



#80
 Butylbenzylphthalate
 Concen: 48.395 ng
 RT: 20.69 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Tgt Ion:149 Resp: 161640
 Ion Ratio Lower Upper
 149 100
 91 63.6 51.4 77.0
 206 25.6 20.4 30.6





#81

Benzo(a)anthracene

Concen: 50.855 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

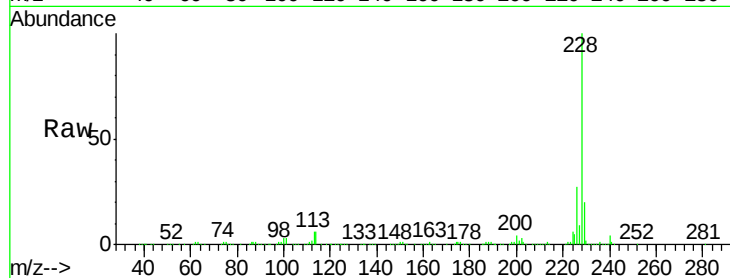
Tgt Ion:228 Resp: 426593

Ion Ratio Lower Upper

228 100

226 27.4 22.4 33.6

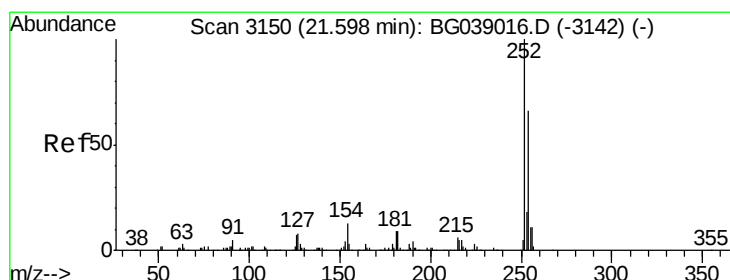
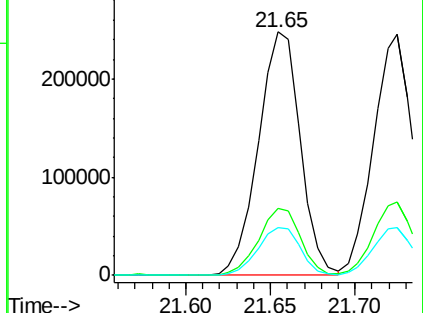
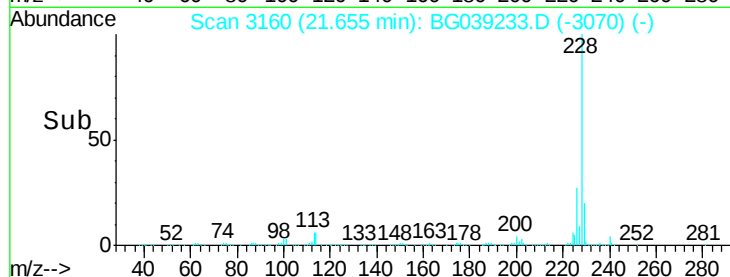
229 19.6 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.320 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

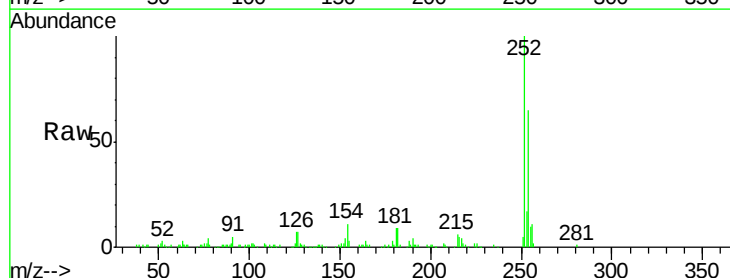
Tgt Ion:252 Resp: 83121

Ion Ratio Lower Upper

252 100

254 65.1 53.0 79.6

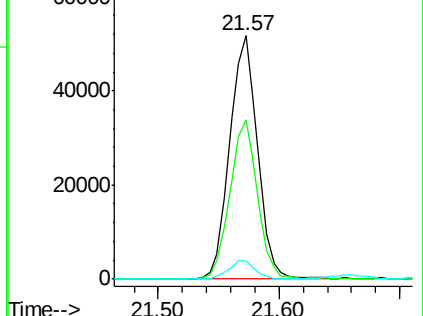
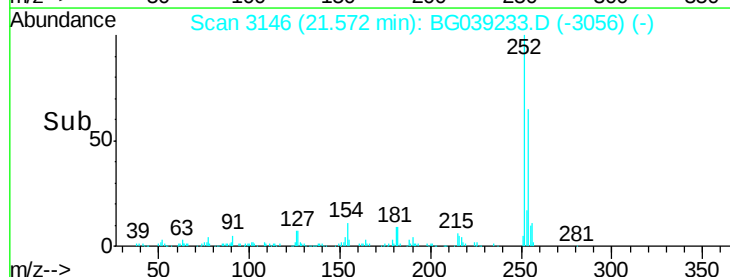
126 7.4 6.0 9.0

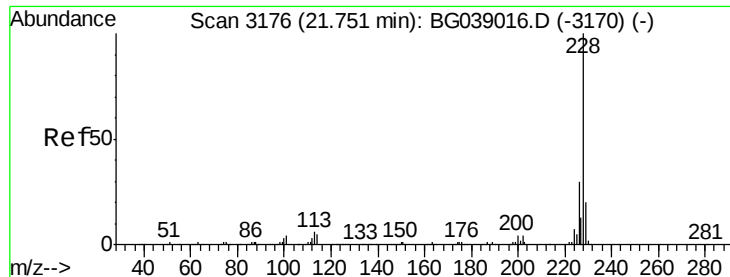


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.626 ng

RT: 21.73 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

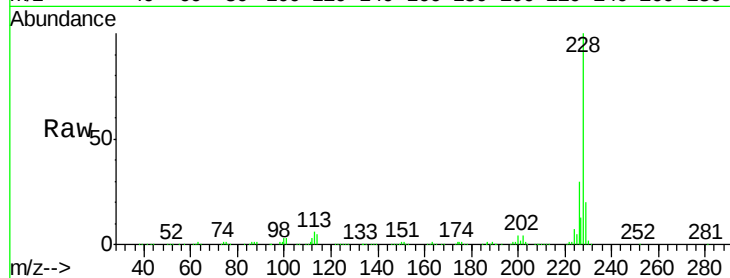
Tgt Ion:228 Resp: 395922

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

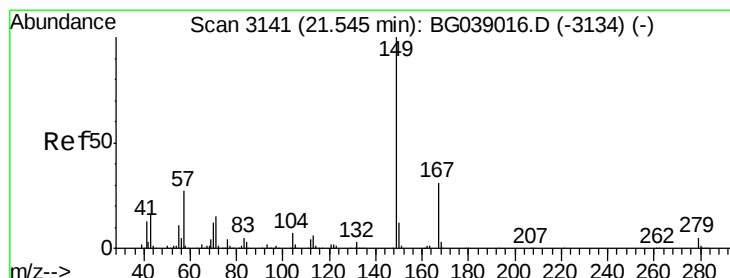
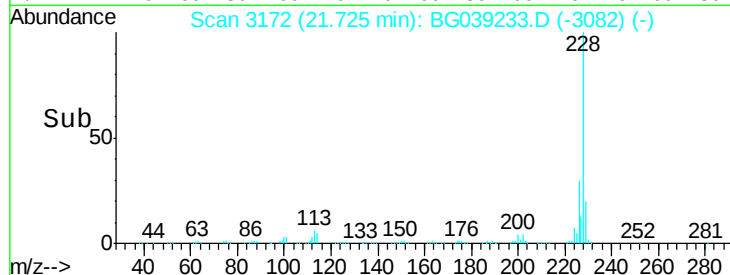
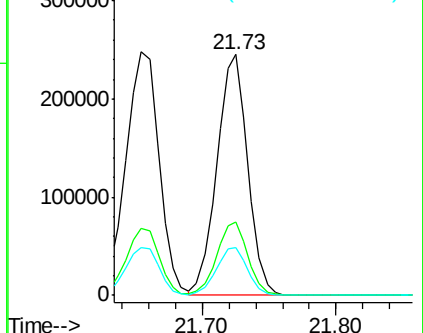
229 20.0 16.0 24.0



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: 49.715 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

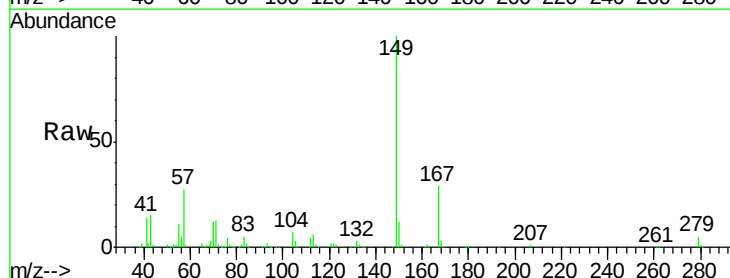
Tgt Ion:149 Resp: 230561

Ion Ratio Lower Upper

149 100

167 28.8 25.0 37.4

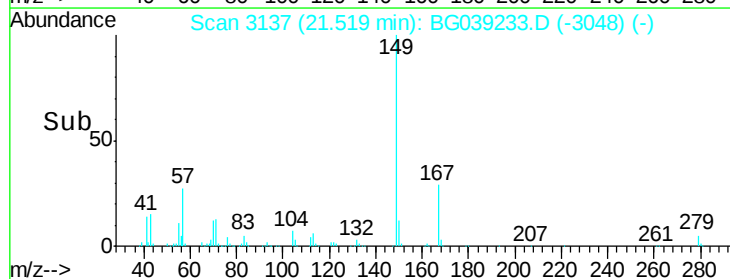
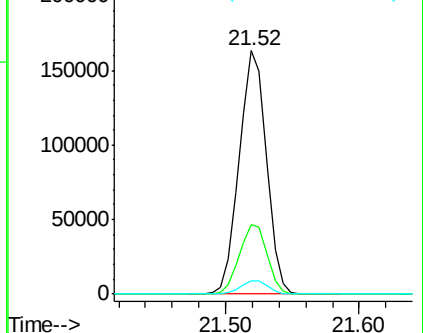
279 5.3 4.3 6.5

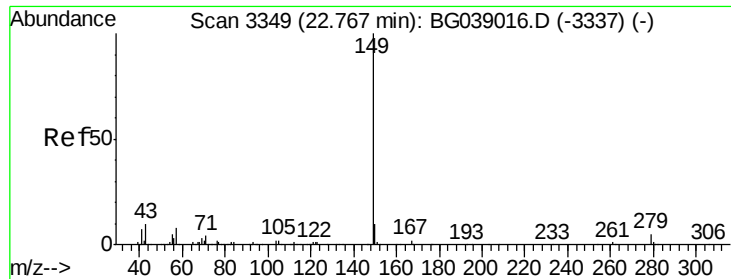


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

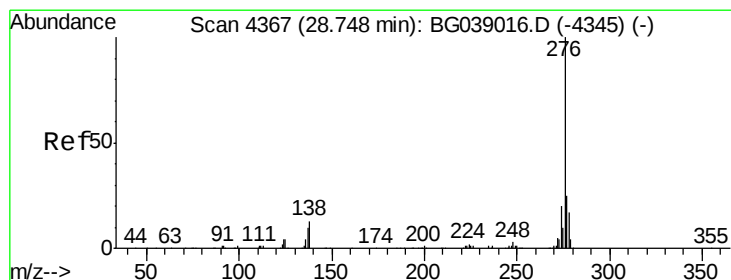
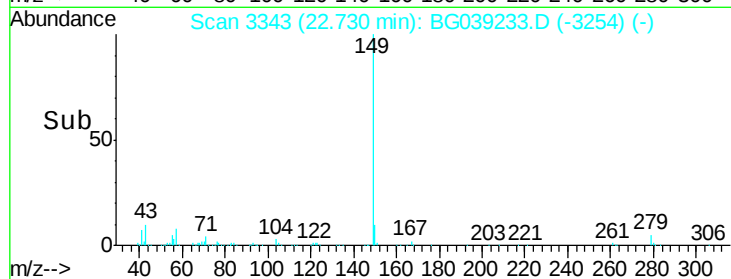
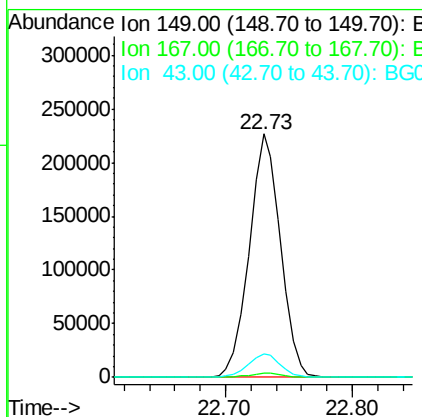
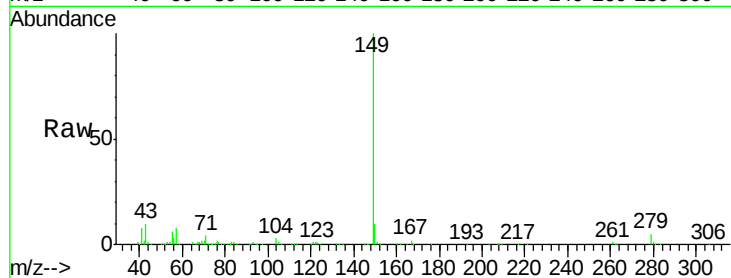




#85
 Di-n-octyl phthalate
 Concen: 49.379 ng
 RT: 22.73 min Scan# 3343
 Delta R.T. -0.01 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

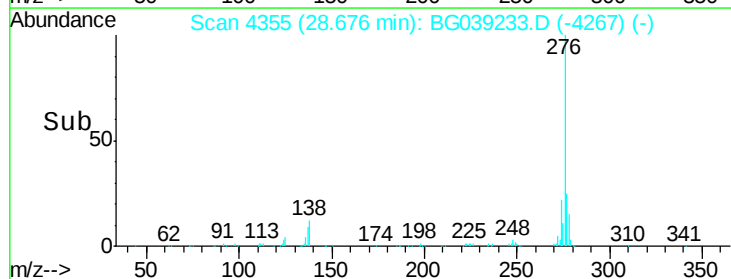
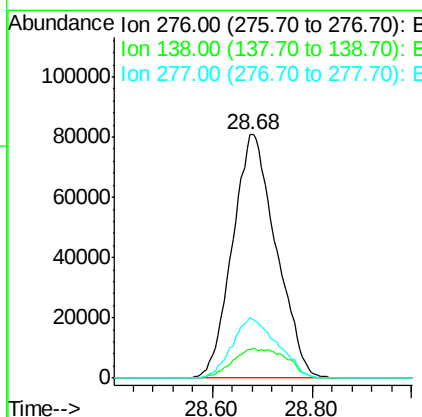
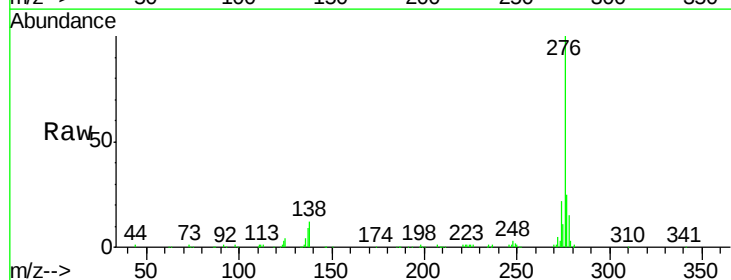
Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

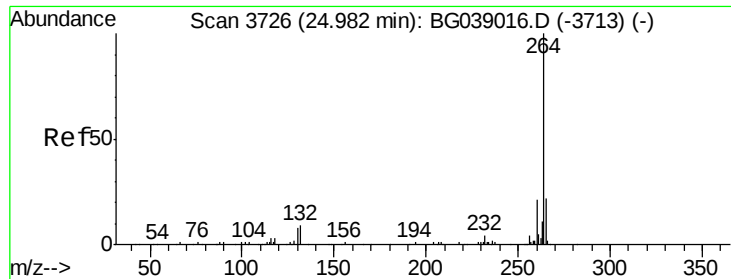
Tgt Ion:	149	Resp:	387219
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.8	7.5	11.3



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 51.679 ng
 RT: 28.68 min Scan# 4355
 Delta R.T. -0.02 min
 Lab File: BG039233.D
 Acq: 21 Jan 2019 14:42

Tgt Ion:	276	Resp:	492663
Ion	Ratio	Lower	Upper
276	100		
138	14.9	8.0	12.0#
277	25.6	20.3	30.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.02 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

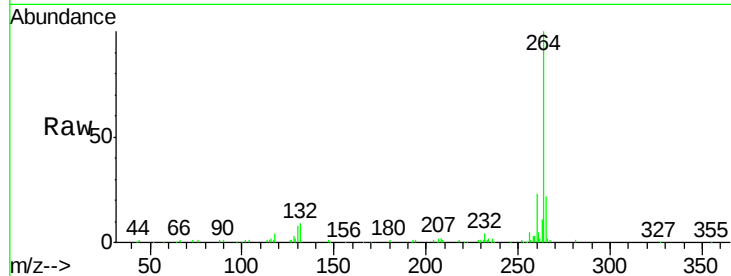
Tgt Ion:264 Resp: 147285

Ion Ratio Lower Upper

264 100

260 23.0 17.0 25.6

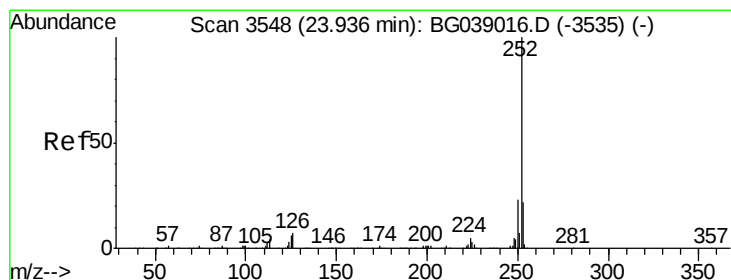
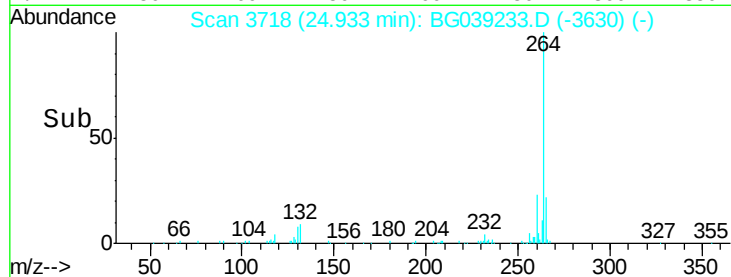
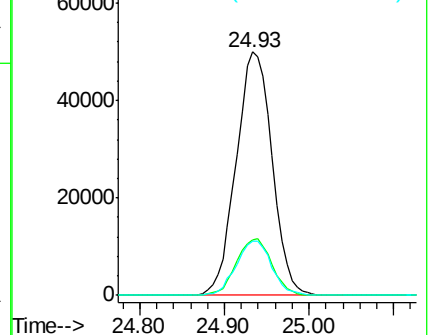
265 22.3 17.2 25.8



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: 52.597 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.01 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

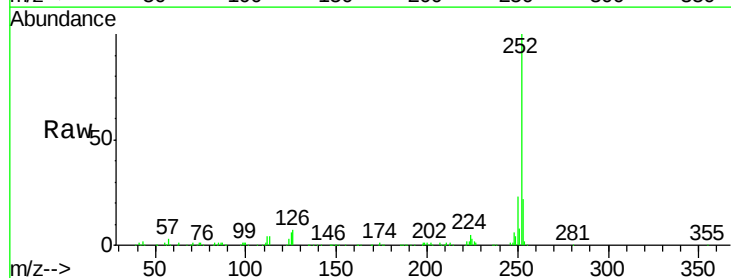
Tgt Ion:252 Resp: 427157

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

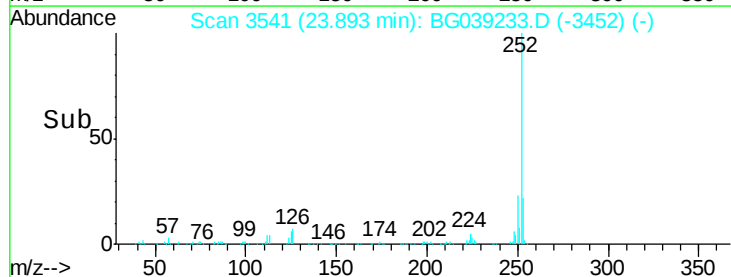
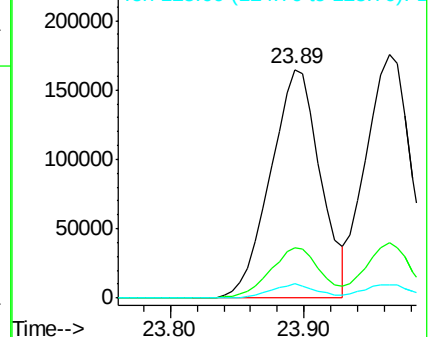
125 6.1 4.9 7.3

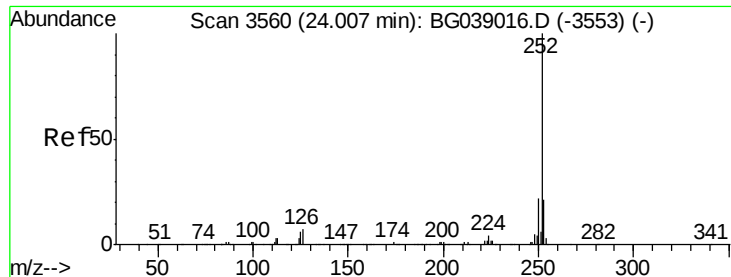


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

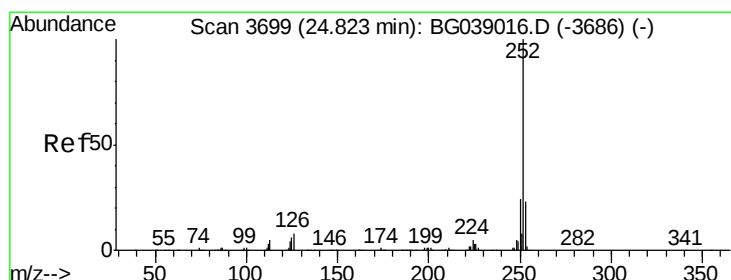
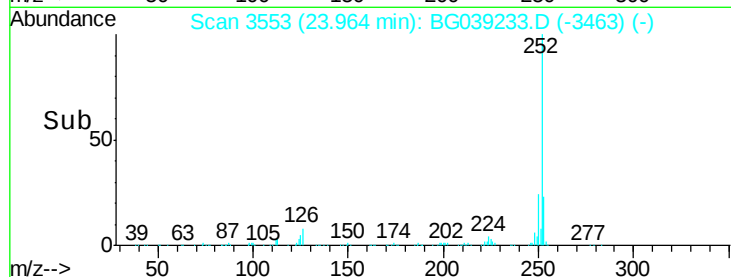
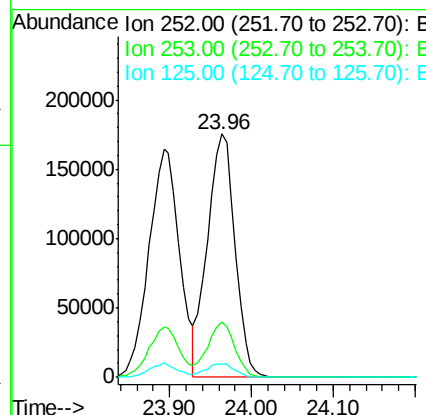
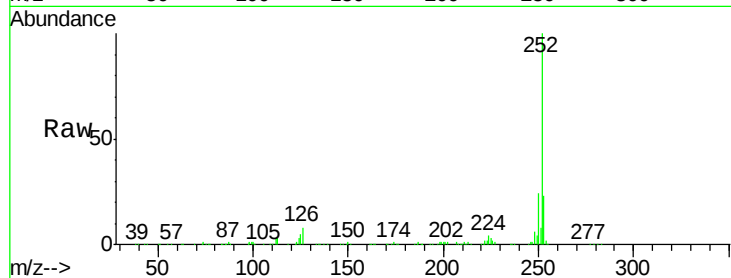




#89
Benzo(k)fluoranthene
Concen: 51.382 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

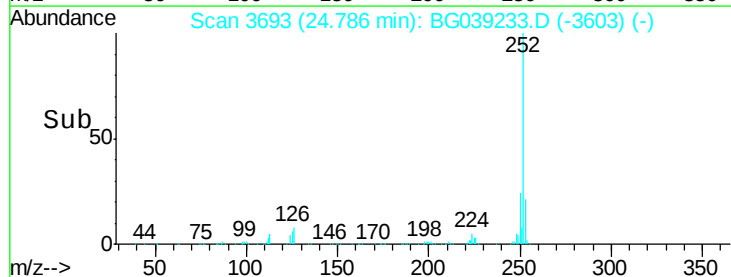
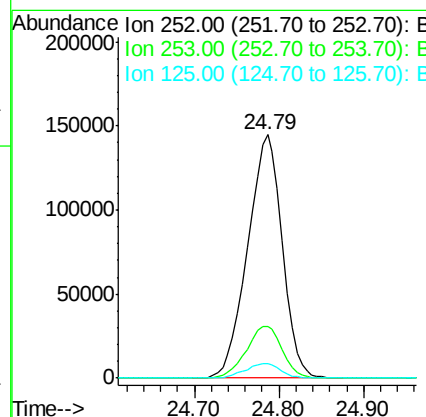
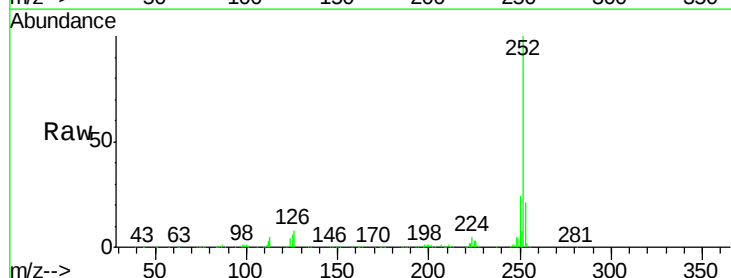
Instrument :
BNA_G
ClientSampleId :
C-1MS

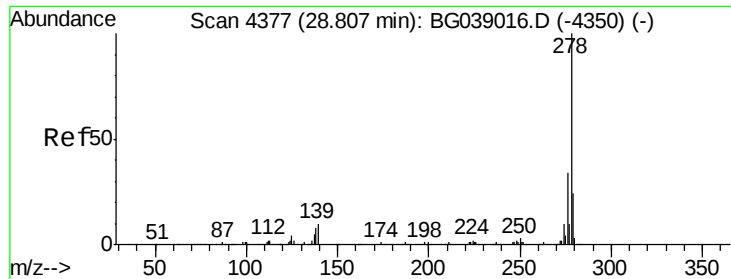
Tgt Ion:252 Resp: 412584
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 5.5 4.6 7.0



#90
Benzo(a)pyrene
Concen: 52.319 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG039233.D
Acq: 21 Jan 2019 14:42

Tgt Ion:252 Resp: 410693
Ion Ratio Lower Upper
252 100
253 21.4 18.3 27.5
125 5.8 4.9 7.3





#91

Dibenzo(a,h)anthracene

Concen: 52.831 ng

RT: 28.74 min Scan# 4366

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

Instrument :

BNA_G

ClientSampleId :

C-1MS

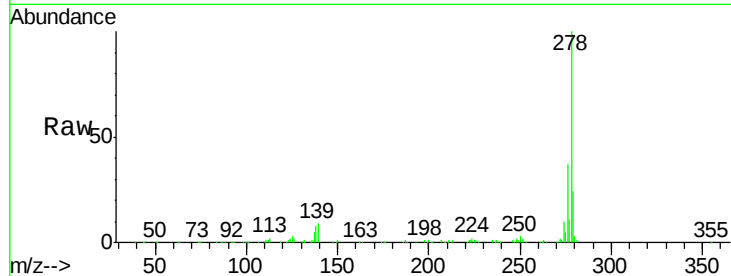
Tgt Ion:278 Resp: 412502

Ion Ratio Lower Upper

278 100

139 8.7 7.9 11.9

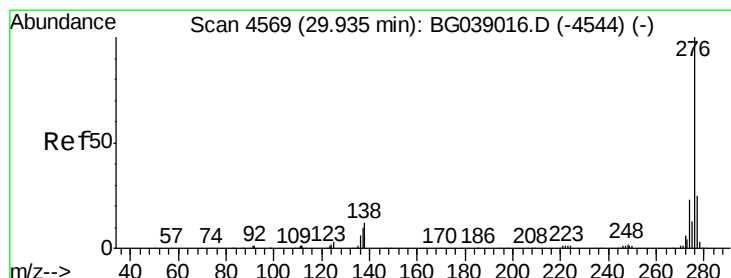
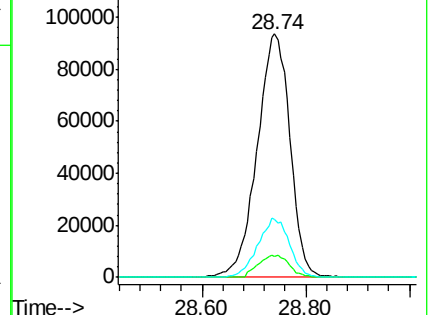
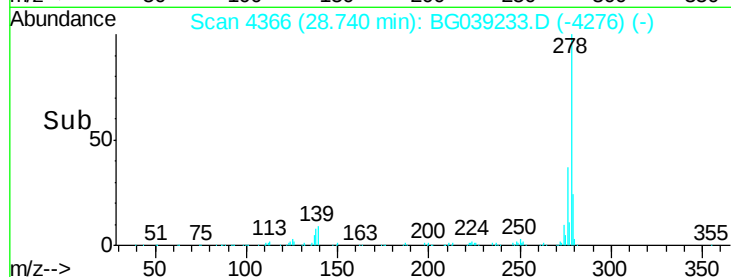
279 24.1 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.340 ng

RT: 29.87 min Scan# 4558

Delta R.T. -0.00 min

Lab File: BG039233.D

Acq: 21 Jan 2019 14:42

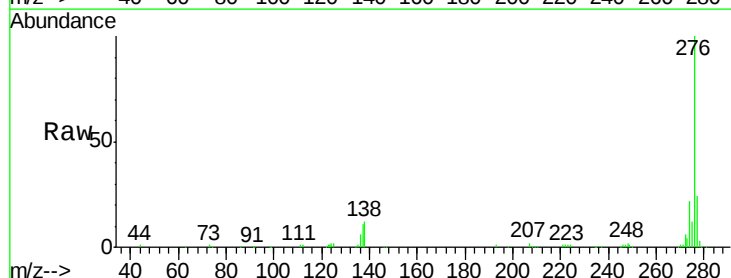
Tgt Ion:276 Resp: 404576

Ion Ratio Lower Upper

276 100

277 23.7 20.3 30.5

138 11.9 9.4 14.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

