

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021919\
 Data File : BG039567.D
 Acq On : 19 Feb 2019 23:01
 Operator : JU/SJ
 Sample : K1528-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

Quant Time: Feb 19 23:53:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59190	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	247167	20.00	ng	-0.01
39) Acenaphthene-d10	14.79	164	167359	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	383864	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	369975	20.00	ng	-0.02
87) Perylene-d12	25.21	264	377568	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.73	112	211257	61.09	ng	0.00
7) Phenol-d6	7.32	99	188346	37.00	ng	0.00
23) Nitrobenzene-d5	9.35	82	448297	113.31	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	282329	156.66	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1083821	92.90	ng	-0.02
79) Terphenyl-d14	20.12	244	1468004	83.99	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	23098	15.269	ng	# 94
3) Pyridine	4.01	79	67716	16.907	ng	92
4) n-Nitrosodimethylamine	3.93	42	43462	21.698	ng	99
6) Aniline	7.49	93	171948	26.966	ng	97
8) 2-Chlorophenol	7.74	128	149056	39.430	ng	97
9) Benzaldehyde	7.31	77	382728	Below Cal		# 1
10) Phenol	7.35	94	75240	14.179	ng	92
11) bis(2-Chloroethyl)ether	7.59	93	178476	42.564	ng	99
12) 1,3-Dichlorobenzene	8.06	146	196777	42.969	ng	98
13) 1,4-Dichlorobenzene	8.21	146	204914	44.893	ng	97
14) 1,2-Dichlorobenzene	8.53	146	192718	43.613	ng	99
15) Benzyl Alcohol	8.41	79	110917	27.753	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	367142	38.772	ng	55
17) 2-Methylphenol	8.61	107	113116	32.940	ng	94
18) Hexachloroethane	9.27	117	349197	222.364	ng	# 1
19) n-Nitroso-di-n-propylamine	8.98	70	152945	42.331	ng	95
20) 3+4-Methylphenols	8.93	107	145379	30.743	ng	97
22) Acetophenone	9.00	105	284966	42.921	ng	# 96
24) Nitrobenzene	9.39	77	271355	63.485	ng	97
25) Isophorone	9.91	82	436057	49.736	ng	98
26) 2-Nitrophenol	10.10	139	108524	59.949	ng	98
27) 2,4-Dimethylphenol	10.14	122	175481	49.478	ng	97
28) bis(2-Chloroethoxy)methane	10.39	93	260726	48.280	ng	99
29) 2,4-Dichlorophenol	10.64	162	187110	48.271	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	213981	49.170	ng	98
31) Naphthalene	11.05	128	3835154	312.773	ng	# 81
32) Benzoic acid	10.32	122	226624	88.262	ng	# 78
33) 4-Chloroaniline	11.15	127	151504	26.648	ng	99
34) Hexachlorobutadiene	11.30	225	139328	48.141	ng	95
36) 4-Chloro-3-methylphenol	12.25	107	192288	42.894	ng	98
37) 2-Methylnaphthalene	12.64	142	1268798	139.708	ng	98
38) 1-Methylnaphthalene	12.85	142	779328	89.022	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	257952	48.443	ng	99
41) Hexachlorocyclopentadiene	12.96	237	285992	98.563	ng	97

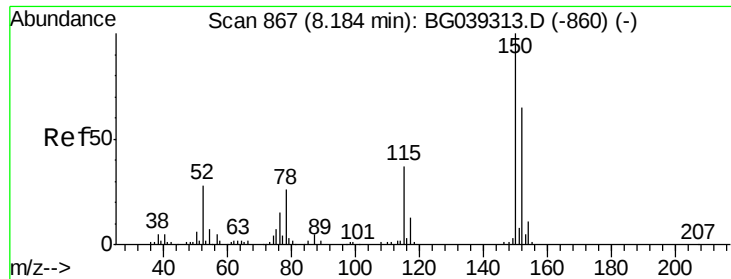
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021919\
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 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.23	196	168509	51.469	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	182311	53.130	ng	98
46) 1,1'-Biphenyl	13.63	154	632362	45.413	ng	100
47) 2-Chloronaphthalene	13.68	162	485189	46.318	ng	98
48) 2-Nitroaniline	13.89	65	170343	55.120	ng	91
49) Acenaphthylene	14.52	152	773859	48.959	ng	98
50) Dimethylphthalate	14.24	163	629231	46.553	ng	100
51) 2,6-Dinitrotoluene	14.37	165	142889	55.393	ng	95
52) Acenaphthene	14.86	154	472121	46.015	ng	97
53) 3-Nitroaniline	14.71	138	97804	37.343	ng	# 96
54) 2,4-Dinitrophenol	14.91	184	137002	105.871	ng	98
55) Dibenzofuran	15.19	168	772095	46.934	ng	99
56) 4-Nitrophenol	15.00	139	79232	35.866	ng	88
57) 2,4-Dinitrotoluene	15.16	165	201372	59.911	ng	# 87
58) Fluorene	15.84	166	603552	49.217	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	177618	55.283	ng	97
60) Diethylphthalate	15.59	149	638551	45.692	ng	99
61) 4-Chlorophenyl-phenylether	15.82	204	323649	46.610	ng	96
62) 4-Nitroaniline	15.87	138	138853	48.902	ng	91
63) Azobenzene	16.11	77	579316	42.412	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	103996	61.767	ng	99
66) n-Nitrosodiphenylamine	16.04	169	552911	47.371	ng	100
67) 4-Bromophenyl-phenylether	16.72	248	211347	49.629	ng	96
68) Hexachlorobenzene	16.83	284	212850	49.817	ng	96
69) Atrazine	16.98	200	191701	44.943	ng	97
70) Pentachlorophenol	17.18	266	252569	85.053	ng	100
71) Phenanthrene	17.58	178	964433	48.543	ng	99
72) Anthracene	17.67	178	984816	50.323	ng	98
73) Carbazole	17.94	167	857015	43.881	ng	99
74) Di-n-butylphthalate	18.47	149	1027412	45.092	ng	98
75) Fluoranthene	19.58	202	1086359	47.110	ng	99
77) Benzidine	20.12	184	27429	2.261	ng	# 93
78) Pyrene	19.94	202	1109797	48.185	ng	99
80) Butylbenzylphthalate	20.81	149	481664	49.576	ng	98
81) Benzo(a)anthracene	21.80	228	1078567	49.336	ng	98
82) 3,3'-Dichlorobenzidine	21.72	252	49036	6.049	ng	# 99
83) Chrysene	21.88	228	1020042	49.015	ng	98
84) Bis(2-ethylhexyl)phthalate	21.67	149	658094	47.479	ng	100
85) Di-n-octyl phthalate	22.93	149	1121751	48.986	ng	98
86) Indeno(1,2,3-cd)pyrene	29.09	276	1161281	52.009	ng	97
88) Benzo(b)fluoranthene	24.13	252	1038062	50.414	ng	98
89) Benzo(k)fluoranthene	24.20	252	990085	47.893	ng	100
90) Benzo(a)pyrene	25.05	252	1008862	50.874	ng	98
91) Dibenzo(a,h)anthracene	29.17	278	916446	49.347	ng	100
92) Benzo(g,h,i)perylene	30.32	276	967927	52.291	ng	99

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

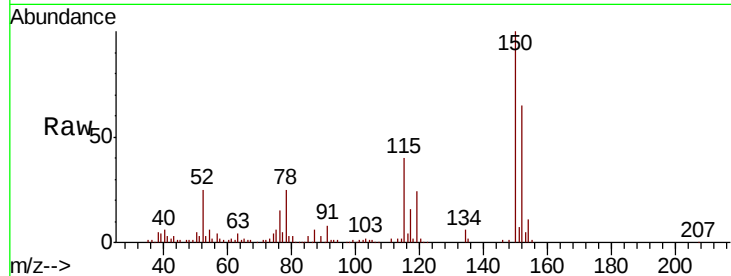


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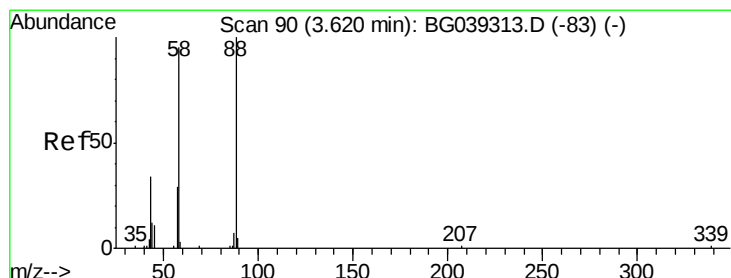
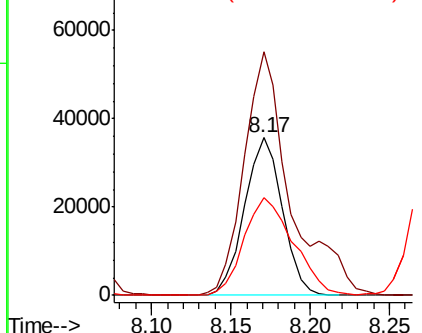
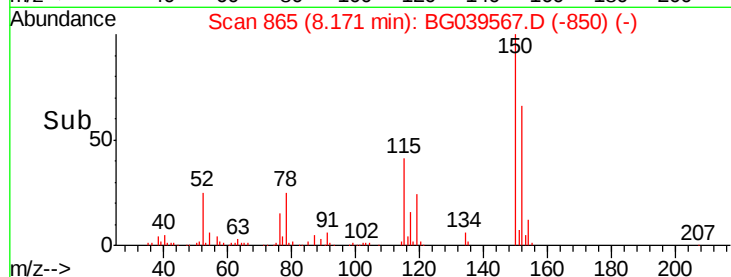
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

Instrument :
BNA_G
ClientSampleId :
MW-1MSD

Tgt Ion:152 Resp: 59190
Ion Ratio Lower Upper
152 100
150 154.3 123.7 185.5
115 62.1 45.9 68.9



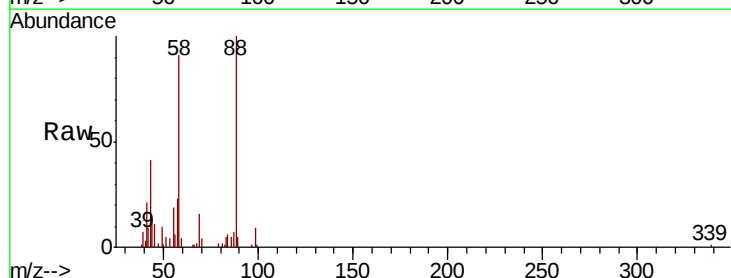
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



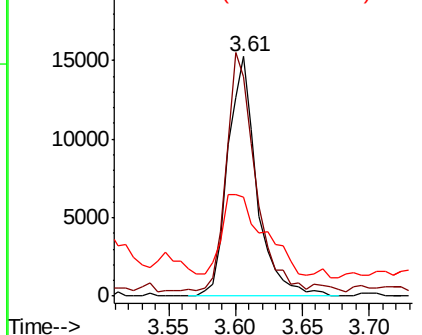
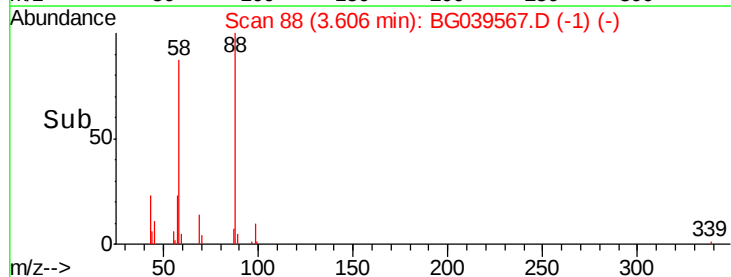
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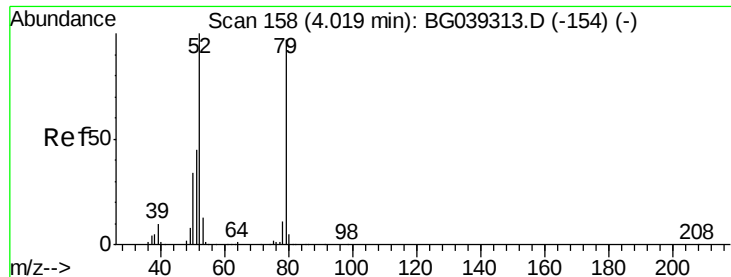
1,4-Dioxane
Concen: 15.269 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

Tgt Ion: 88 Resp: 23098
Ion Ratio Lower Upper
88 100
58 98.2 81.1 121.7
43 47.9 31.4 47.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 16.907 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

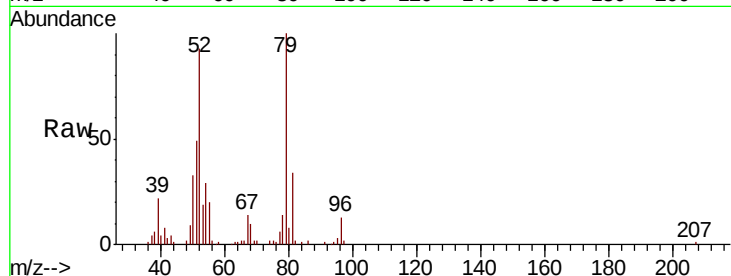
Tgt Ion: 79 Resp: 67716

Ion Ratio Lower Upper

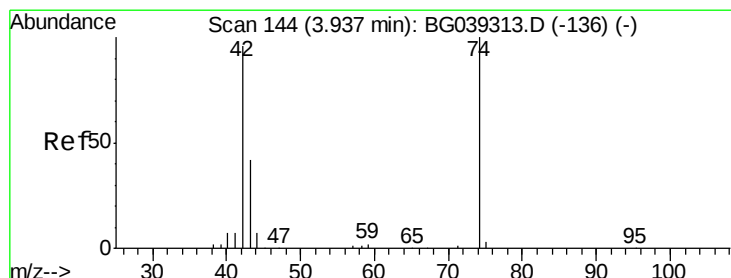
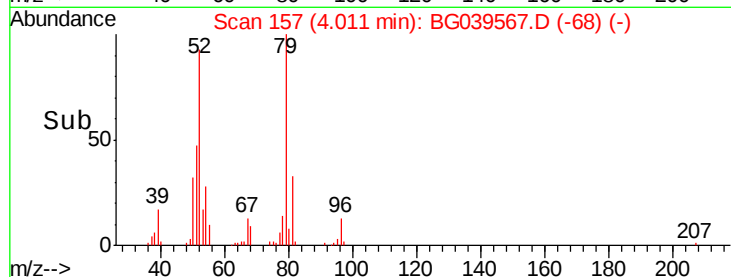
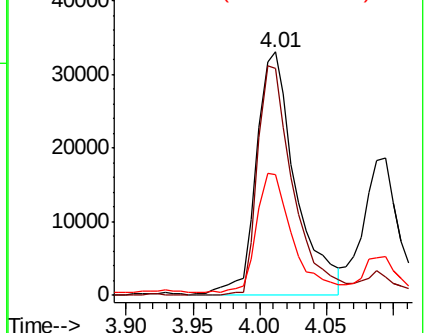
79 100

52 93.2 82.6 124.0

51 49.3 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 21.698 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

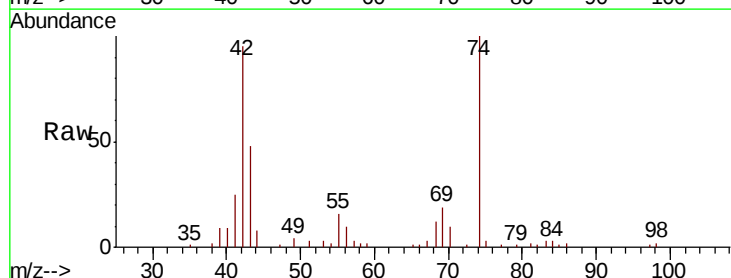
Tgt Ion: 42 Resp: 43462

Ion Ratio Lower Upper

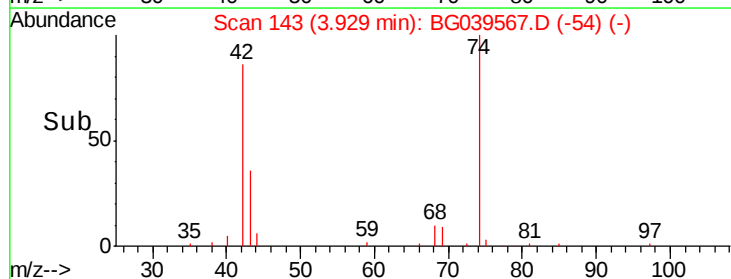
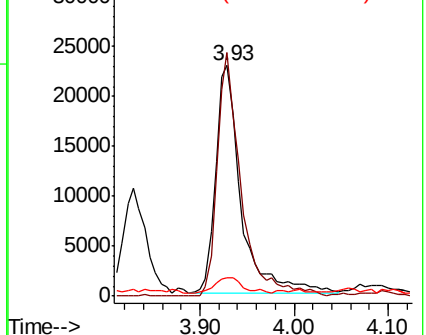
42 100

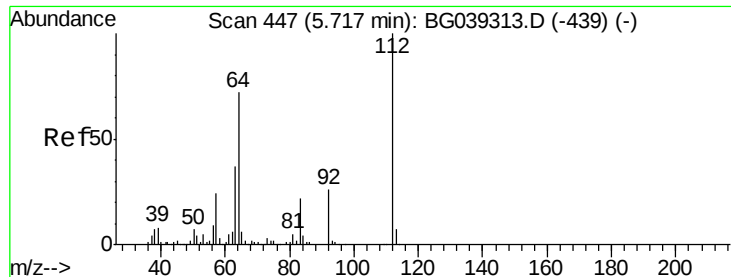
74 105.8 83.6 125.4

44 8.2 6.9 10.3



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





#5

2-Fluorophenol

Concen: 61.086 ng

RT: 5.73 min Scan# 449

Delta R.T. 0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

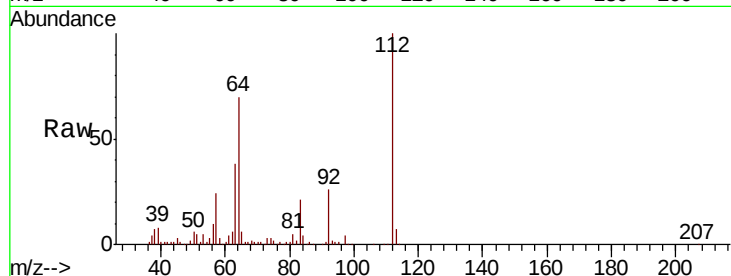
Tgt Ion: 112 Resp: 211257

Ion Ratio Lower Upper

112 100

64 70.4 57.8 86.8

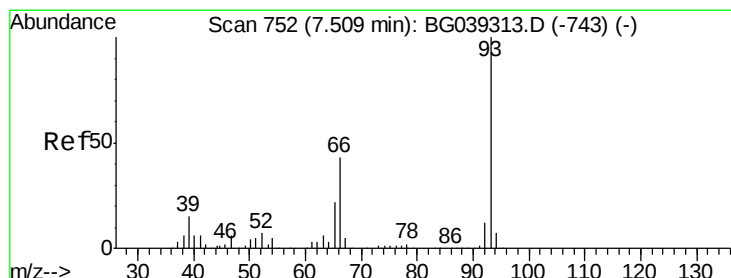
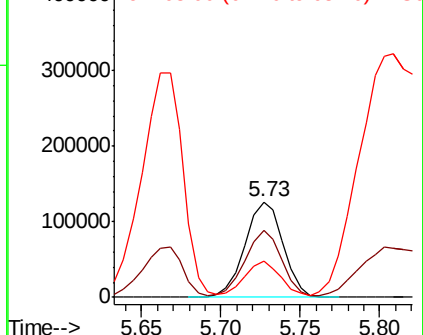
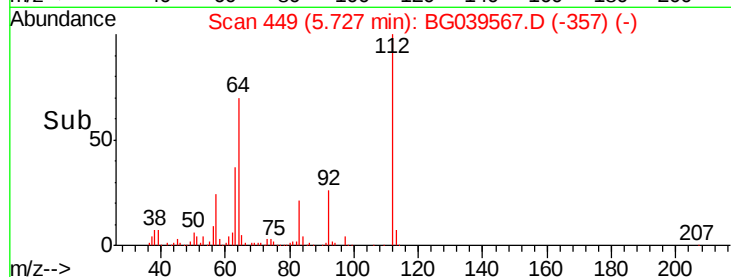
63 37.6 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.966 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

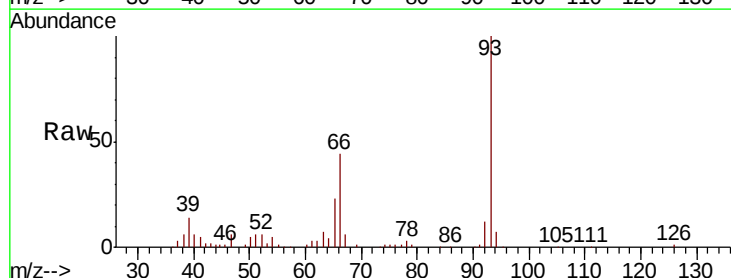
Tgt Ion: 93 Resp: 171948

Ion Ratio Lower Upper

93 100

66 44.4 34.2 51.4

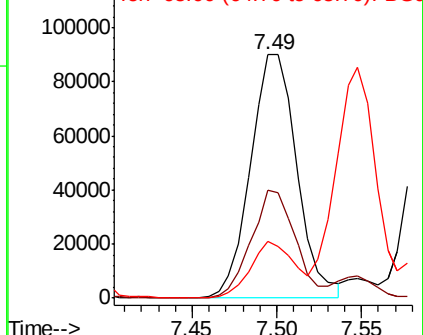
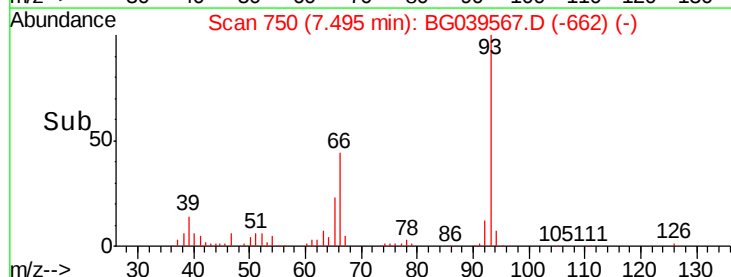
65 23.4 17.7 26.5

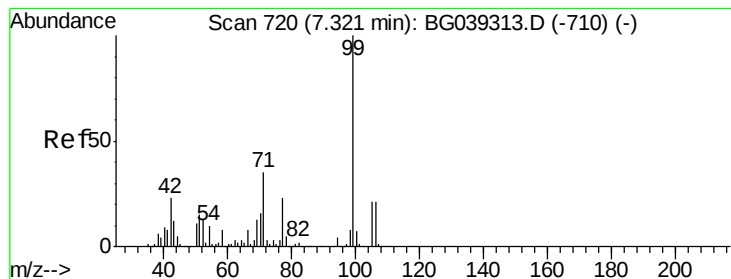


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 36.999 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

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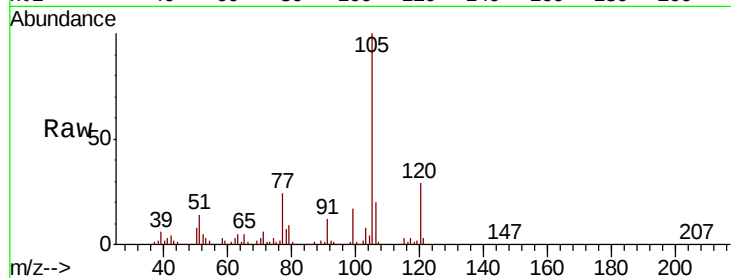
Tgt Ion: 99 Resp: 188346

Ion Ratio Lower Upper

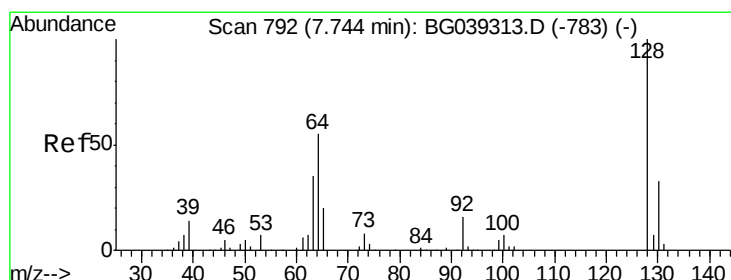
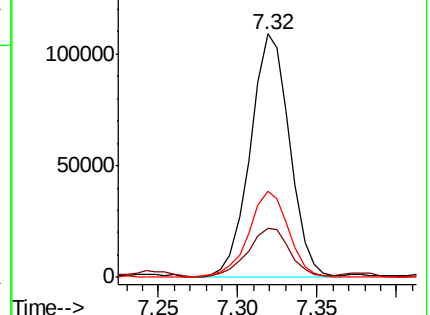
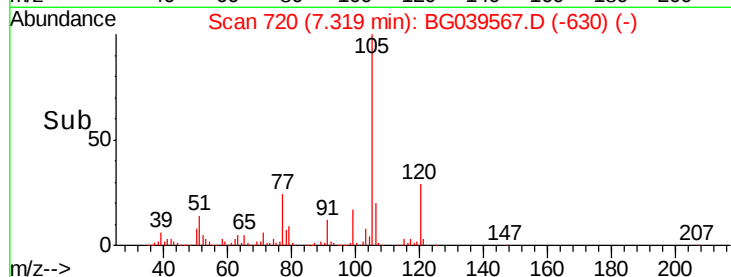
99 100

42 20.3 18.2 27.2

71 35.5 28.0 42.0



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



#8

2-Chlorophenol

Concen: 39.430 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

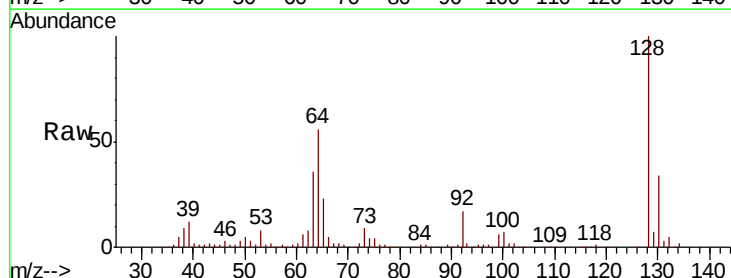
Tgt Ion: 128 Resp: 149056

Ion Ratio Lower Upper

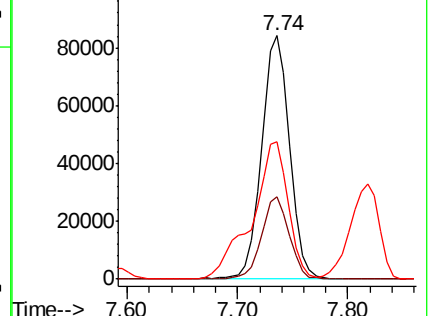
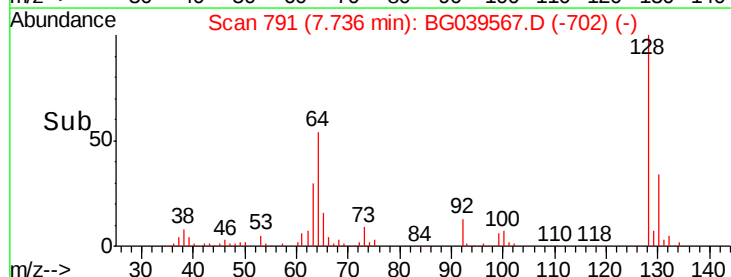
128 100

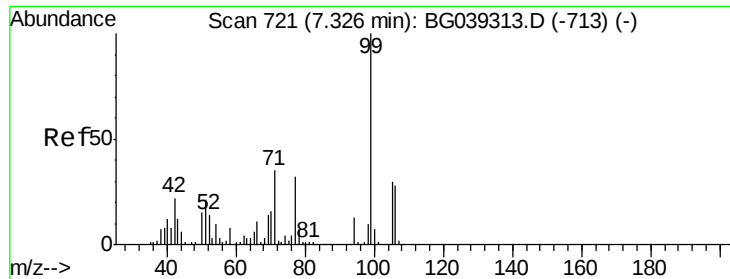
130 33.9 12.9 52.9

64 56.4 38.7 78.7



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





#9

Benzaldehyde

Concen: Below Cal

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

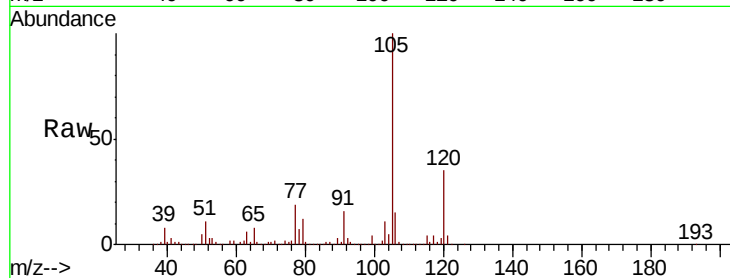
BNA_G

ClientSampleId :

MW-1MSD

Tgt Ion: 77 Resp: 382728

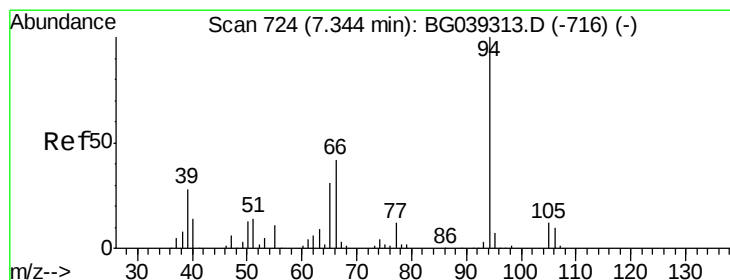
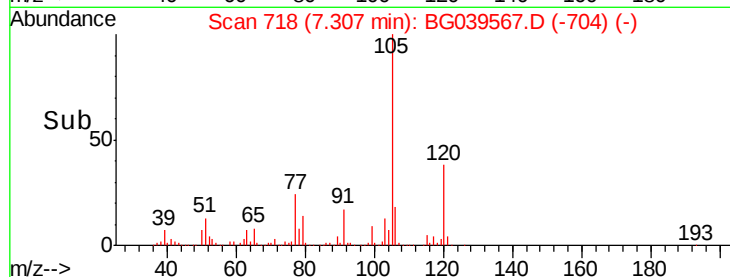
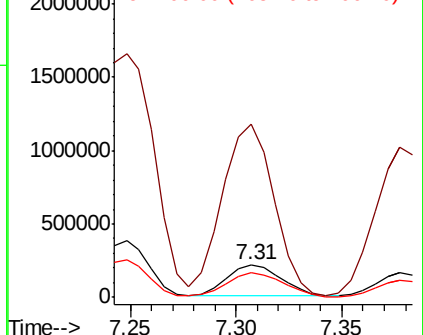
Ion	Ratio	Lower	Upper
77	100		
105	528.1	74.5	114.5#
106	76.7	68.0	108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 14.179 ng

RT: 7.35 min Scan# 725

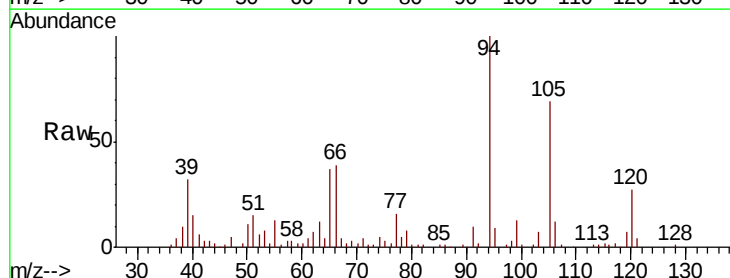
Delta R.T. 0.00 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Tgt Ion: 94 Resp: 75240

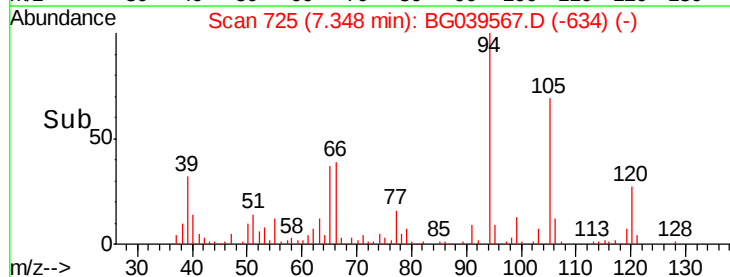
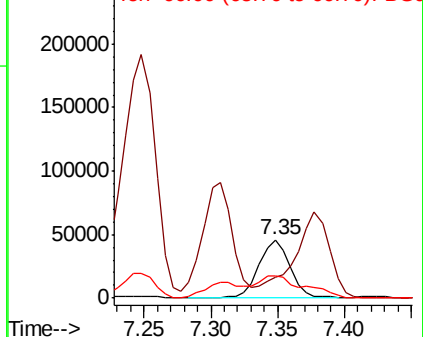
Ion	Ratio	Lower	Upper
94	100		
65	36.9	11.7	51.7
66	39.2	23.7	63.7

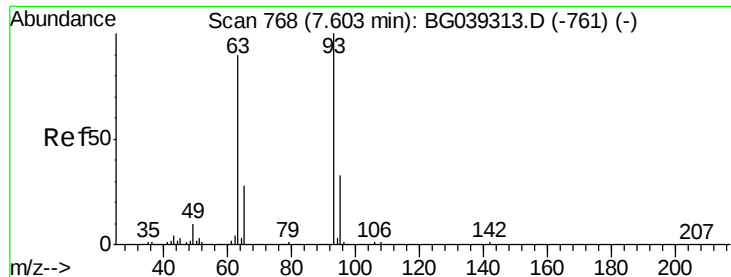


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

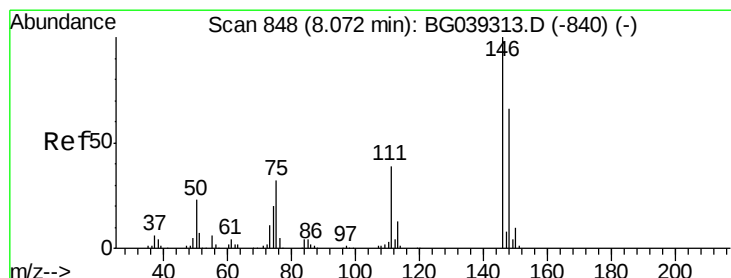
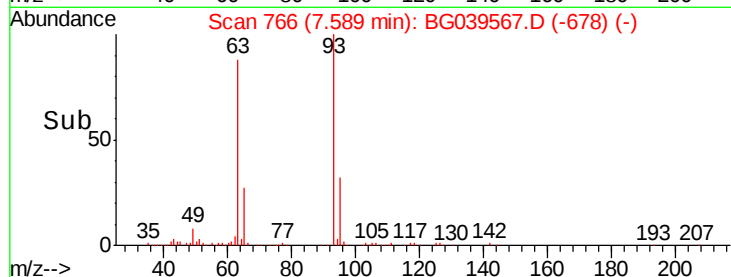
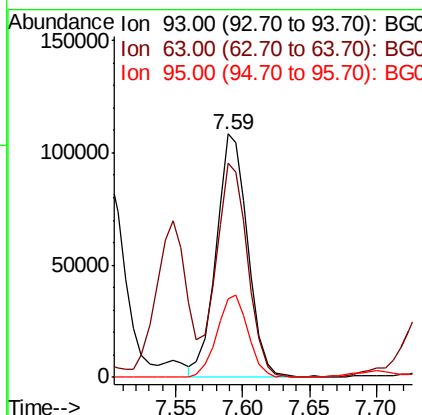
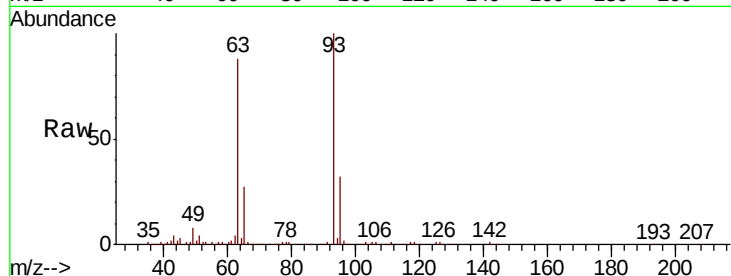




#11
 bis(2-Chloroethyl)ether
 Concen: 42.564 ng
 RT: 7.59 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

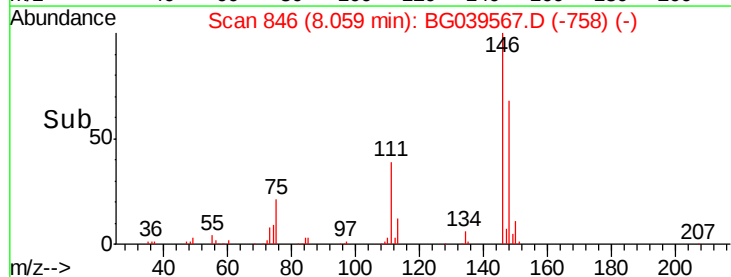
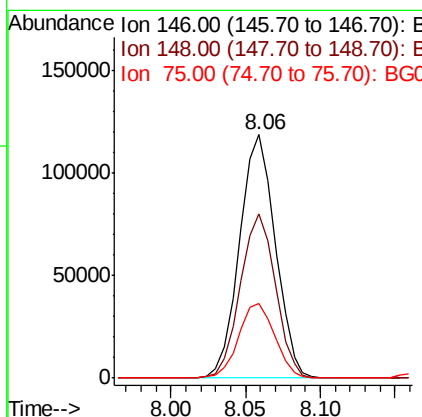
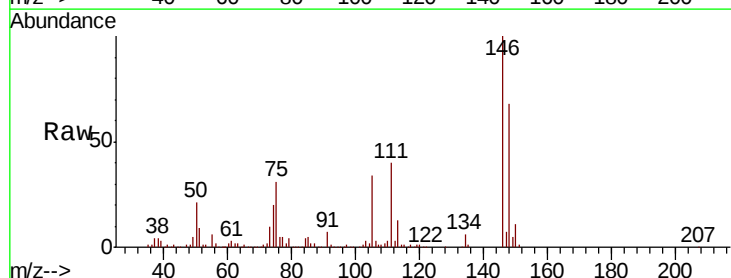
Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

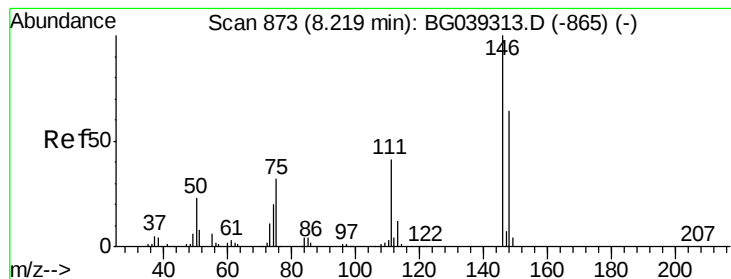
Tgt Ion: 93 Resp: 178476
 Ion Ratio Lower Upper
 93 100
 63 88.0 69.5 109.5
 95 32.2 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 42.969 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Tgt Ion: 146 Resp: 196777
 Ion Ratio Lower Upper
 146 100
 148 67.6 52.6 79.0
 75 30.9 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 44.893 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

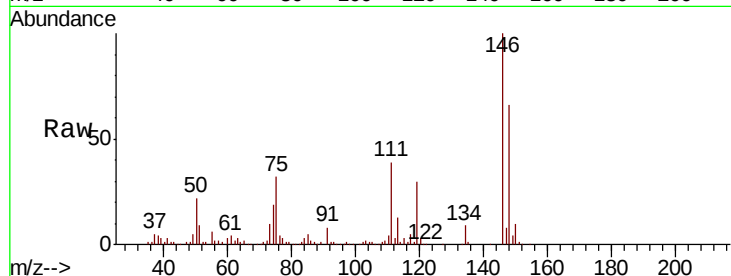
Tgt Ion:146 Resp: 204914

Ion Ratio Lower Upper

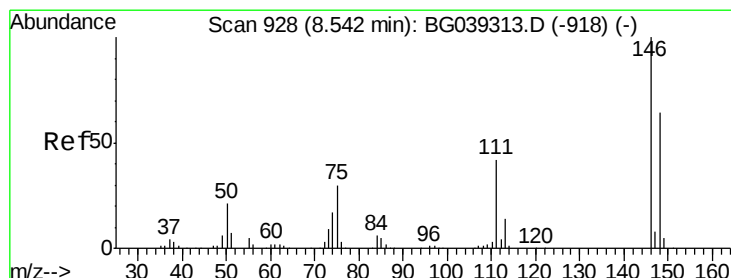
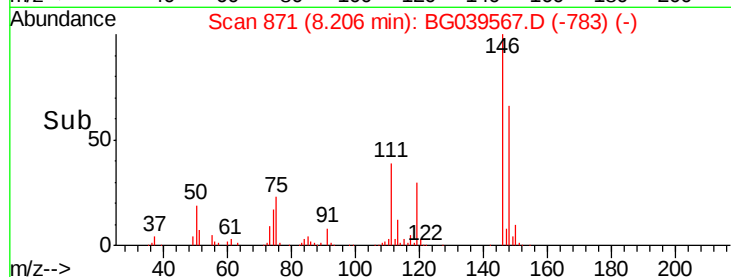
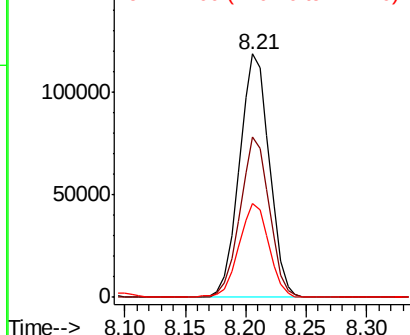
146 100

148 65.7 51.1 76.7

111 38.7 32.6 48.8



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



#14

1,2-Dichlorobenzene

Concen: 43.613 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

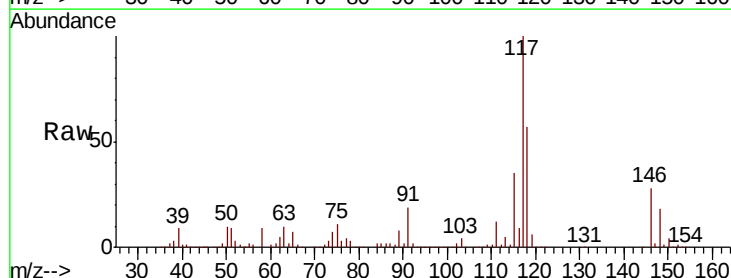
Tgt Ion:146 Resp: 192718

Ion Ratio Lower Upper

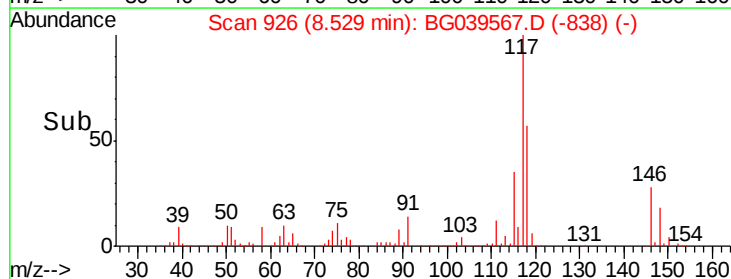
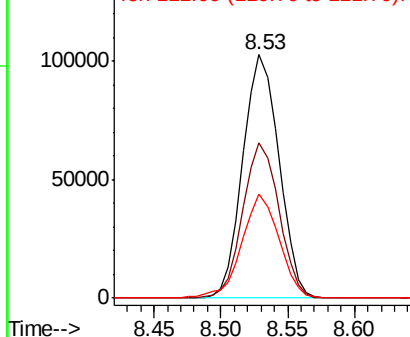
146 100

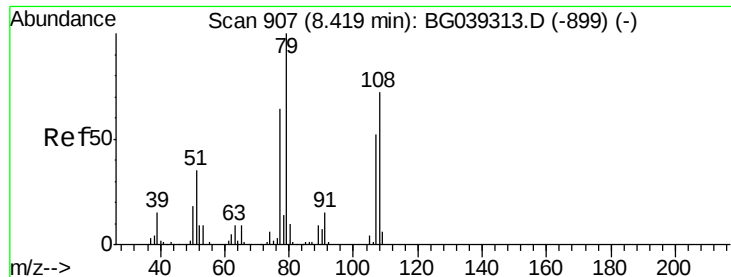
148 63.5 51.5 77.3

111 42.9 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 27.753 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

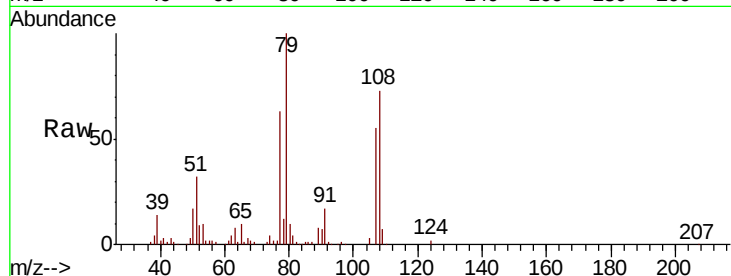
Tgt Ion: 79 Resp: 110917

Ion Ratio Lower Upper

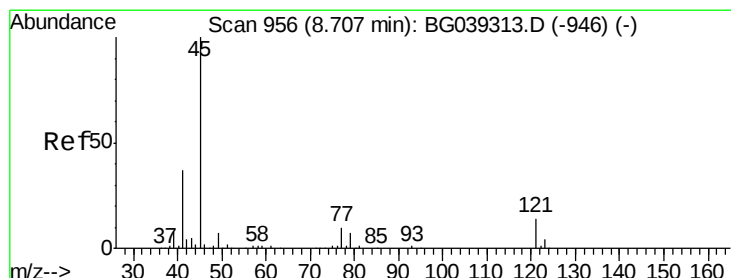
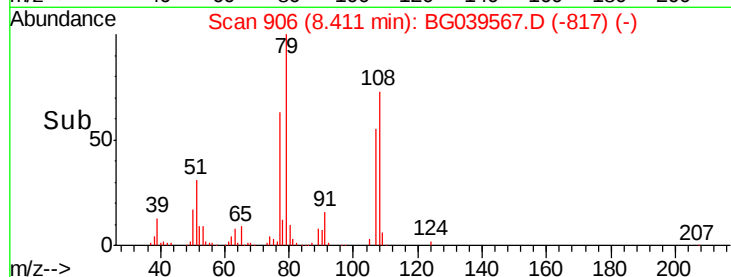
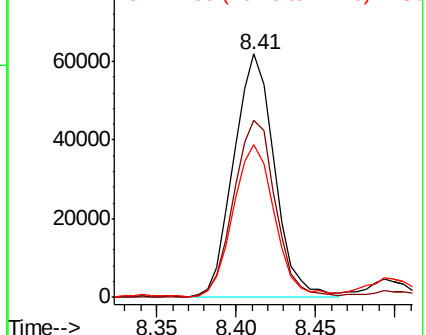
79 100

108 72.6 57.8 86.6

77 62.6 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.772 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

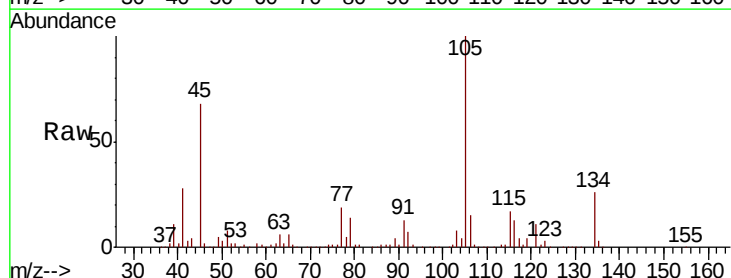
Tgt Ion: 45 Resp: 367142

Ion Ratio Lower Upper

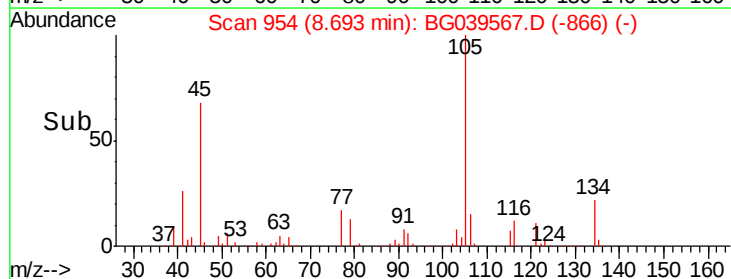
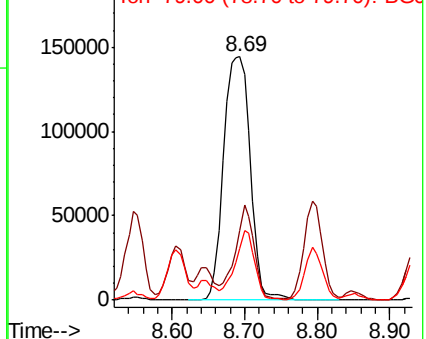
45 100

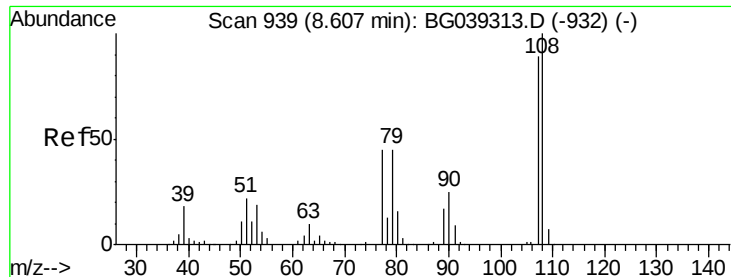
77 28.7 0.0 30.0

79 21.0 0.0 27.5



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

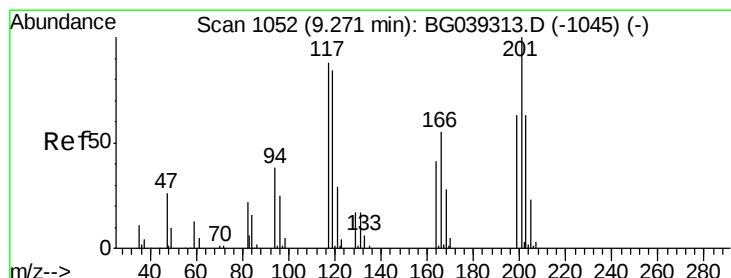
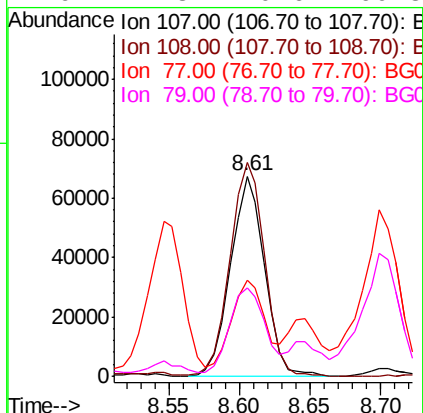
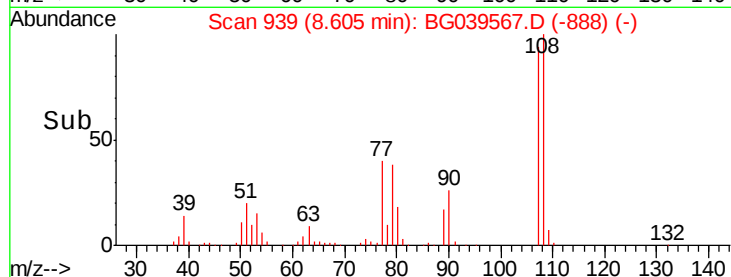
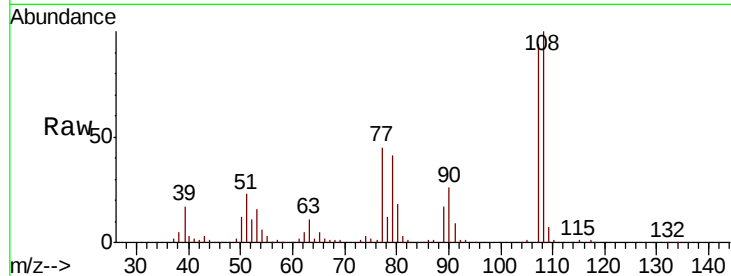




#17
 2-Methylphenol
 Concen: 32.940 ng
 RT: 8.61 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

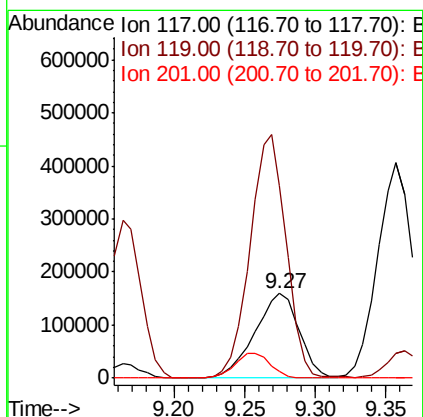
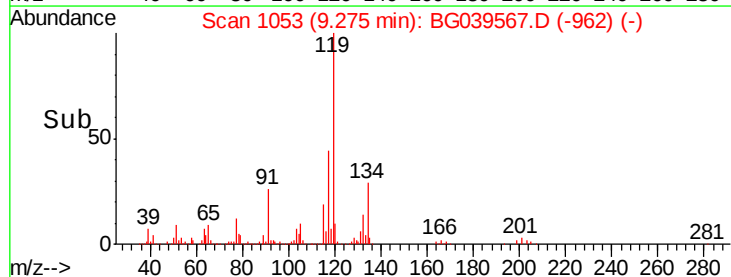
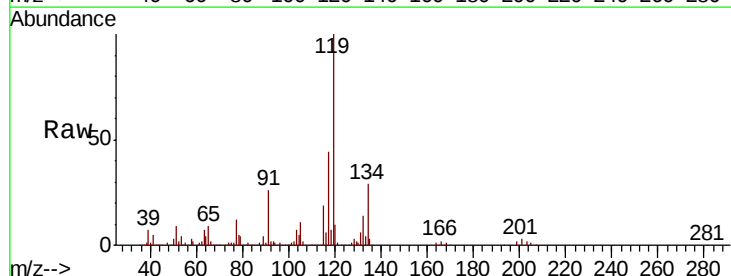
Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

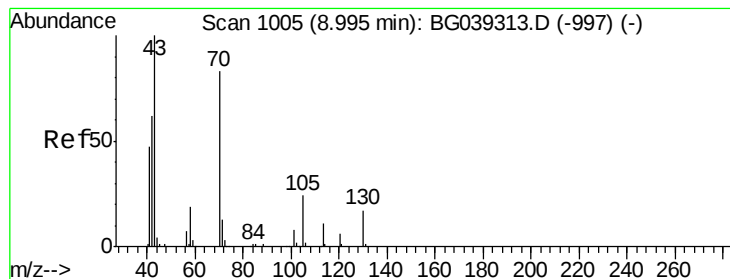
Tgt Ion	Ratio	Lower	Upper
107	100		
108	106.9	90.8	136.2
77	48.2	40.7	61.1
79	44.3	40.6	60.8



#18
 Hexachloroethane
 Concen: 222.364 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	228.2	76.3	114.5#
201	7.5	91.1	136.7#





#19

n-Nitroso-di-n-propylamine

Concen: 42.331 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampled :

MW-1MSD

Tgt Ion: 70 Resp: 152945

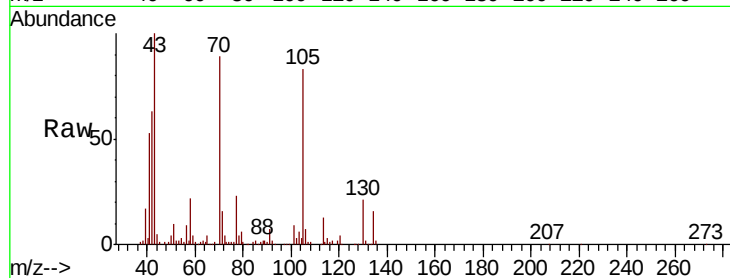
Ion Ratio Lower Upper

70 100

42 71.1 60.4 90.6

101 9.6 7.5 11.3

130 23.9 16.9 25.3

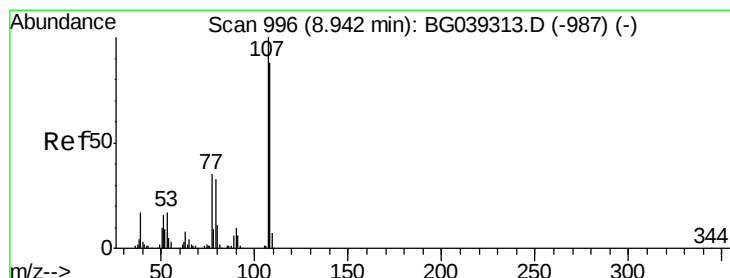
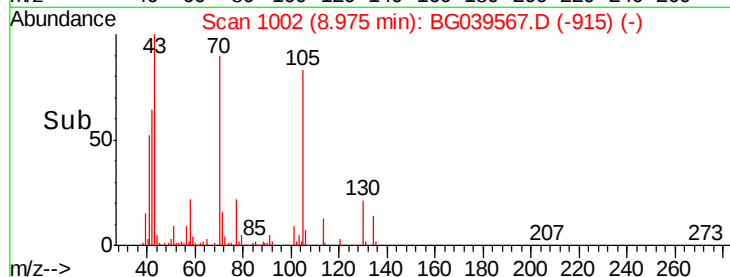
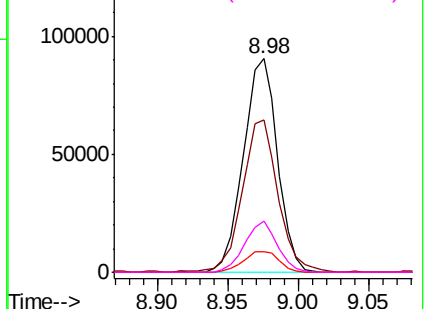


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 30.743 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Tgt Ion: 107 Resp: 145379

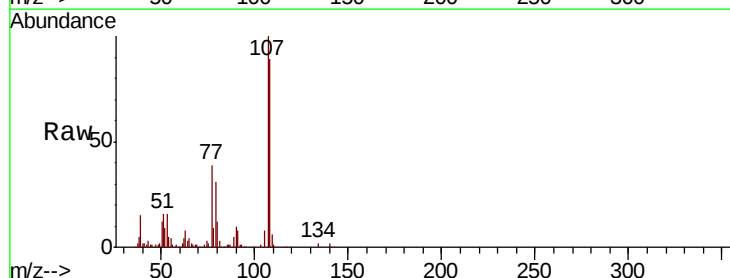
Ion Ratio Lower Upper

107 100

108 89.1 67.9 107.9

77 38.6 15.4 55.4

79 30.8 13.7 53.7

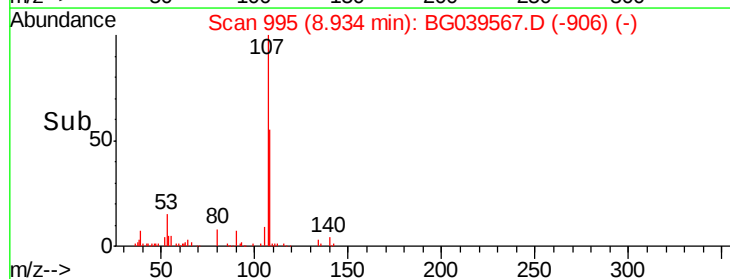
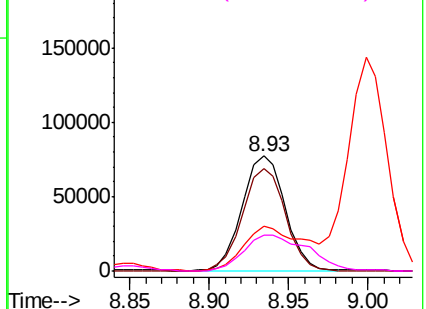


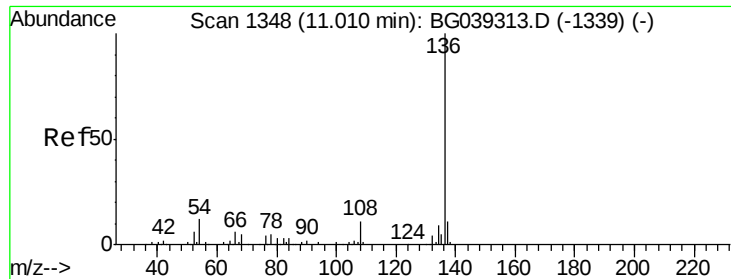
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

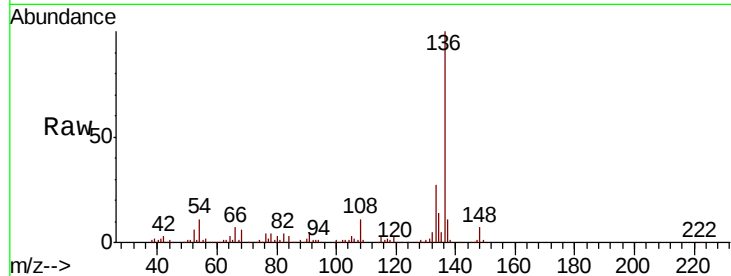
Instrument :

BNA_G

ClientSampleId :

MW-1MSD

Tgt Ion:	136	Resp:	247167
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.8	9.4	14.2
68	5.9	4.2	6.4



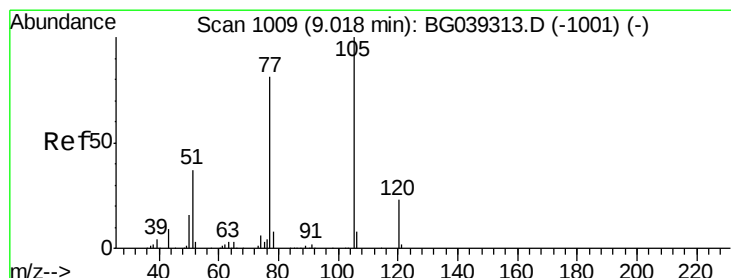
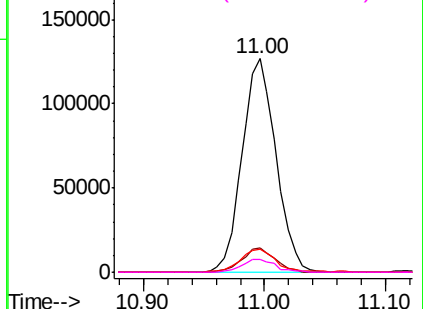
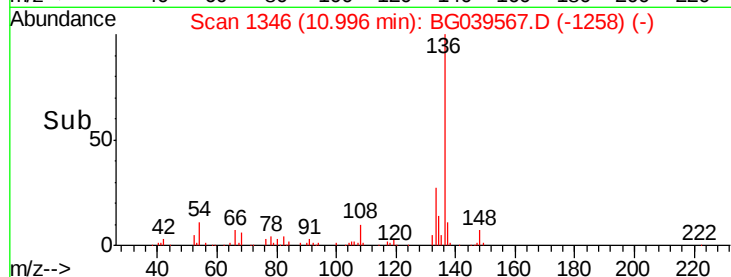
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.921 ng

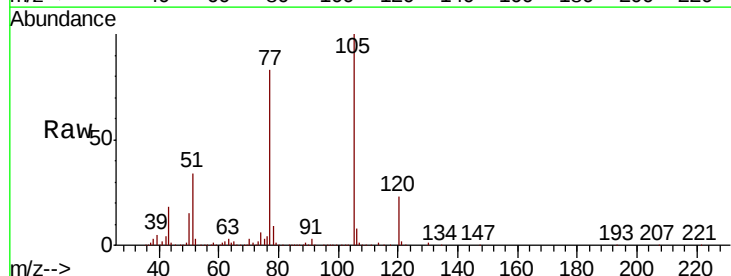
RT: 9.00 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Tgt Ion:	105	Resp:	284966
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	33.8	30.2	45.2
120	23.1	18.0	27.0



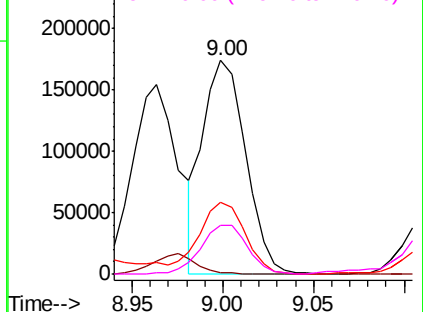
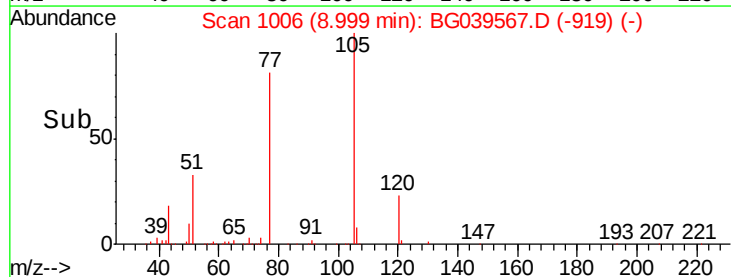
Abundance

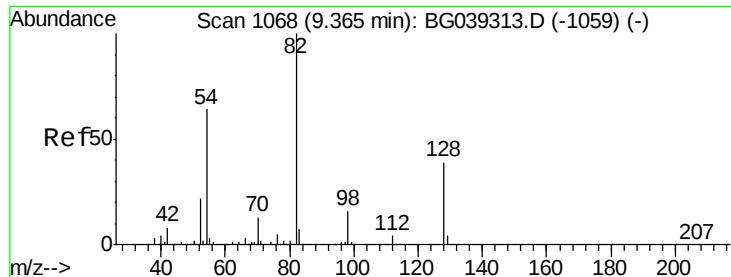
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

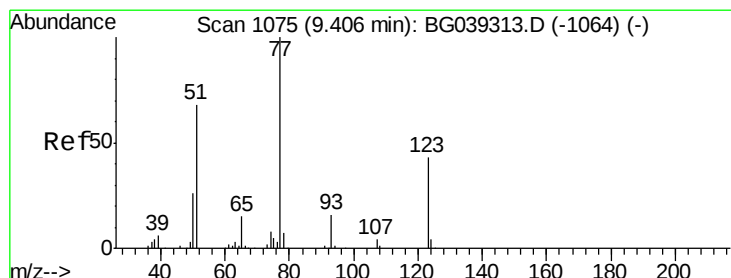
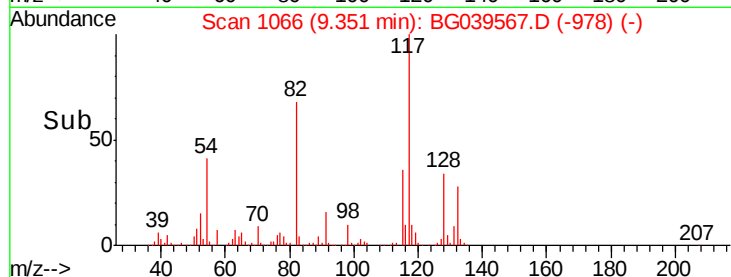
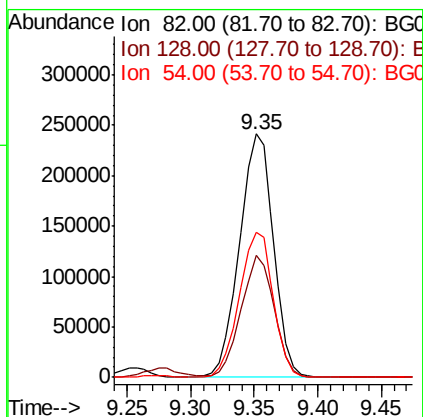
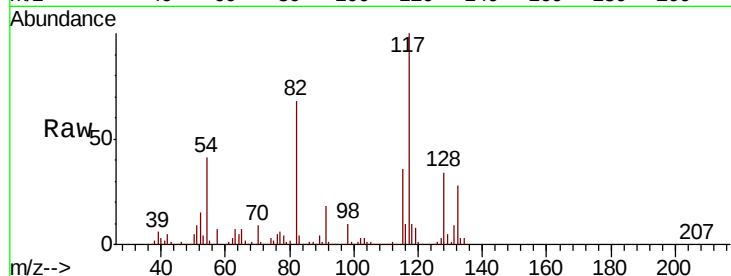




#23
 Nitrobenzene-d5
 Concen: 113.307 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

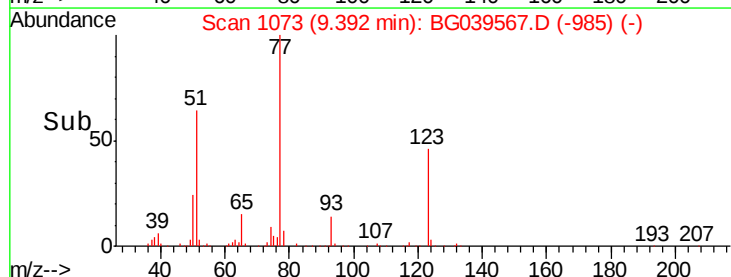
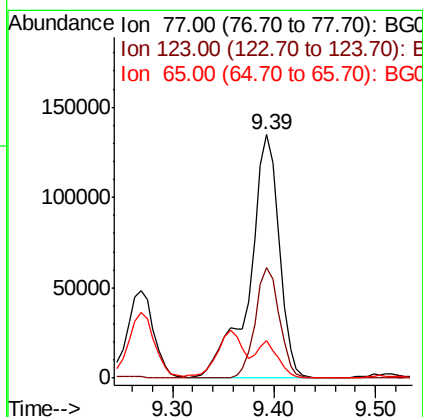
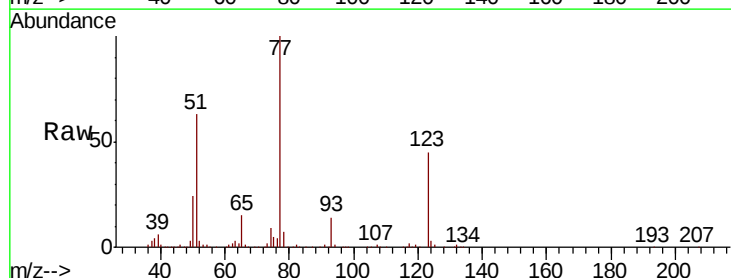
Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

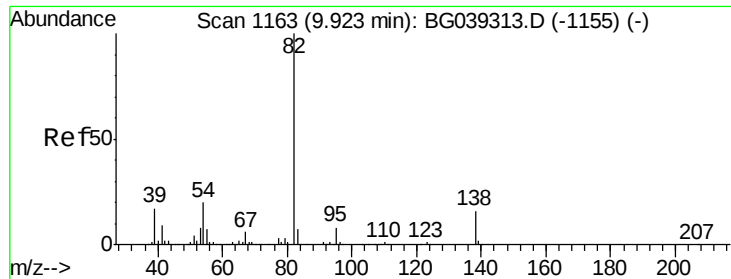
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.0	31.3	46.9#
54	59.6	50.9	76.3



#24
 Nitrobenzene
 Concen: 63.485 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	34.1	51.1
65	15.3	12.3	18.5





#25

Isophorone

Concen: 49.736 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

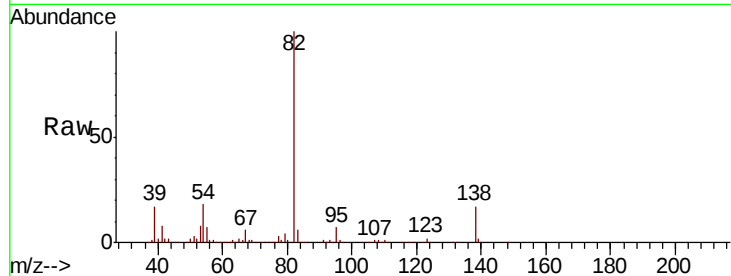
Tgt Ion: 82 Resp: 436057

Ion Ratio Lower Upper

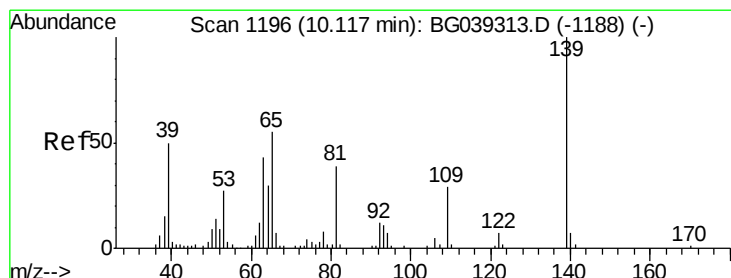
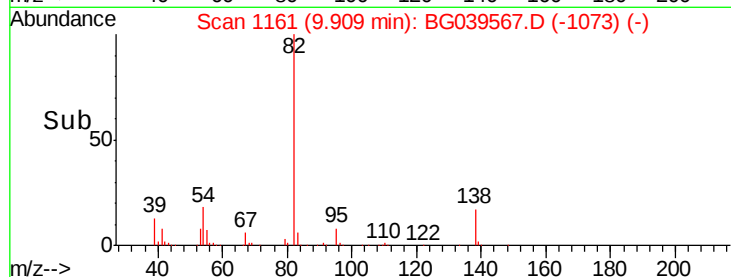
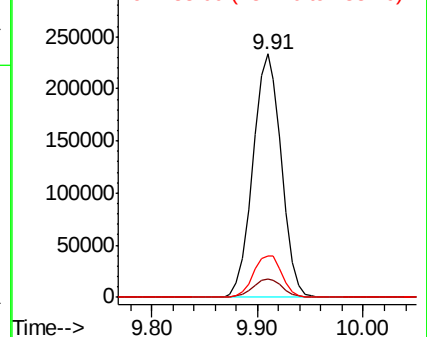
82 100

95 7.5 6.2 9.2

138 17.1 13.0 19.4



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



#26

2-Nitrophenol

Concen: 59.949 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

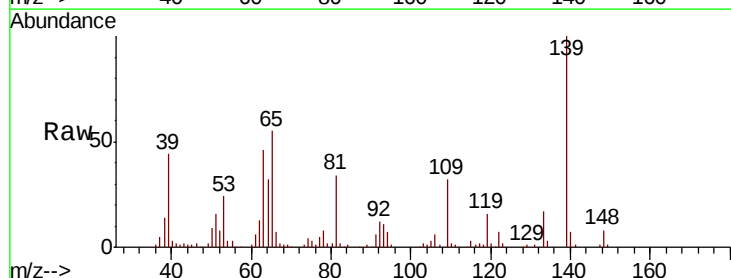
Tgt Ion: 139 Resp: 108524

Ion Ratio Lower Upper

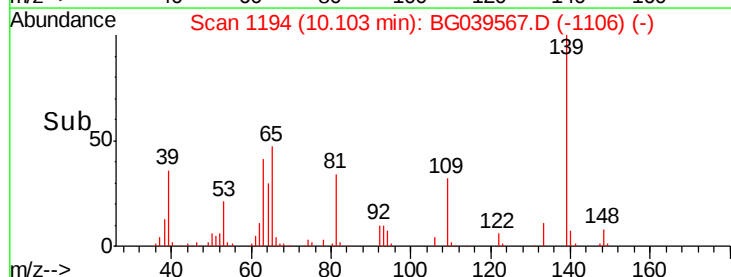
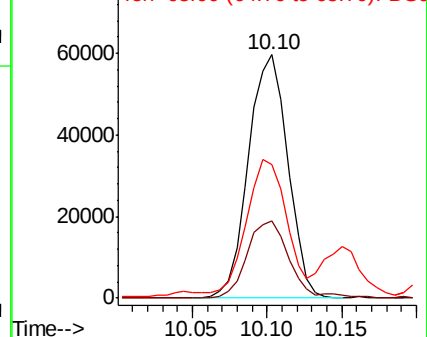
139 100

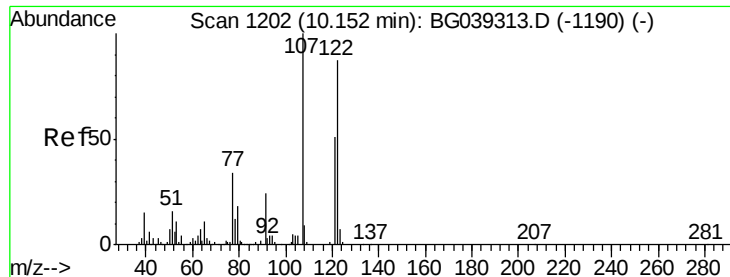
109 31.8 23.4 35.0

65 54.7 44.3 66.5



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

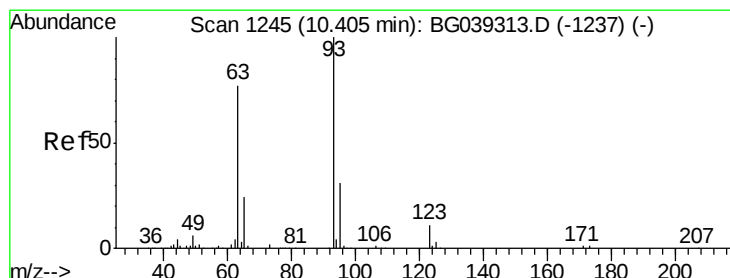
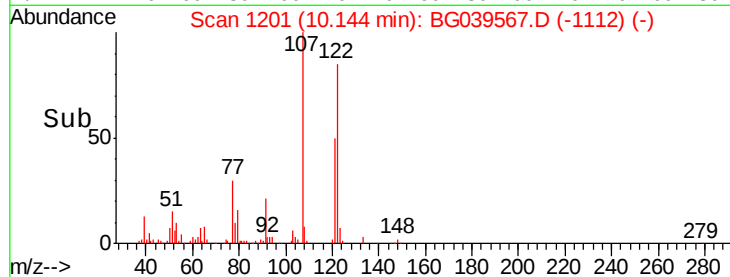
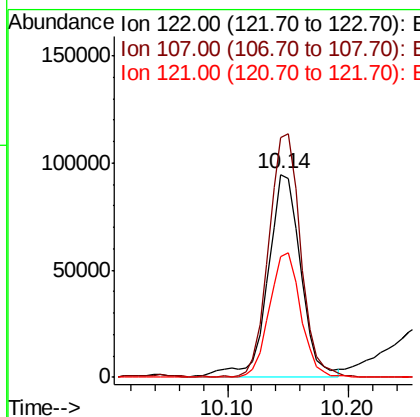
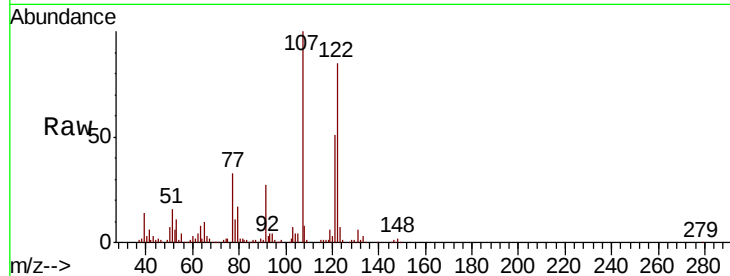




#27
 2,4-Dimethylphenol
 Concen: 49.478 ng
 RT: 10.14 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

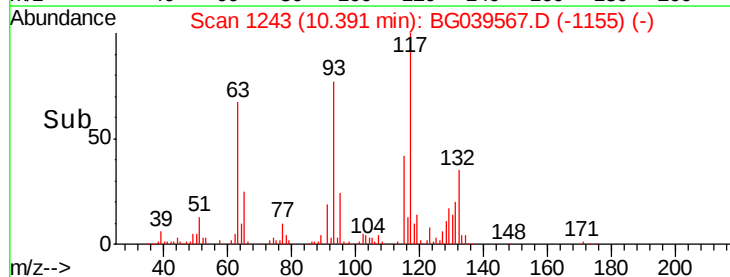
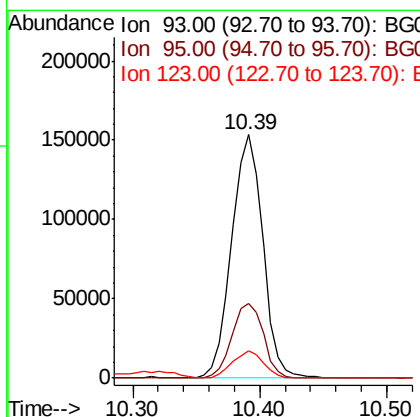
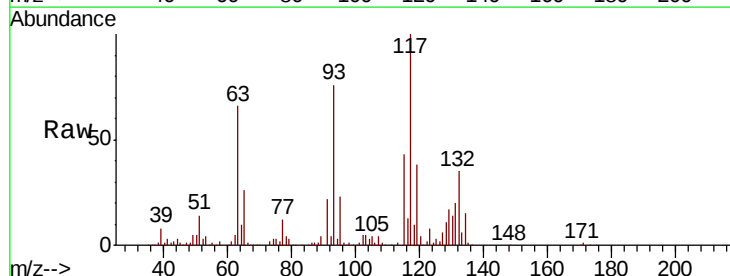
Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

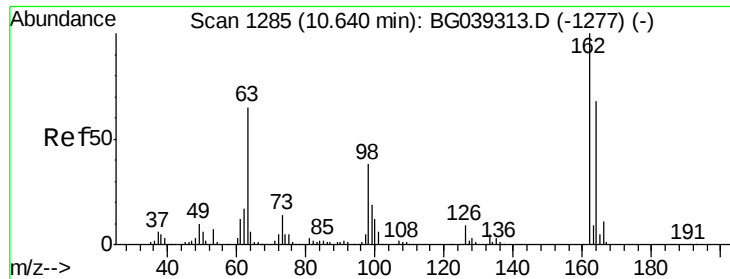
Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.9	91.7	137.5
121	59.8	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.280 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.5	25.0	37.4
123	11.0	8.6	12.8

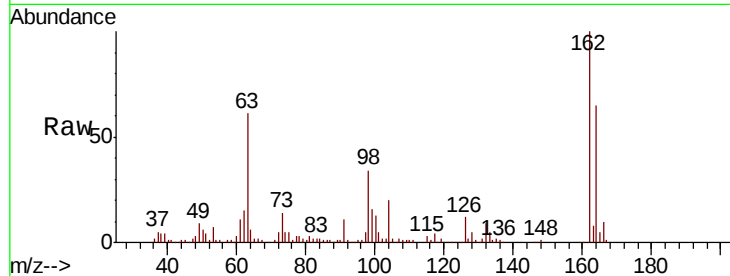




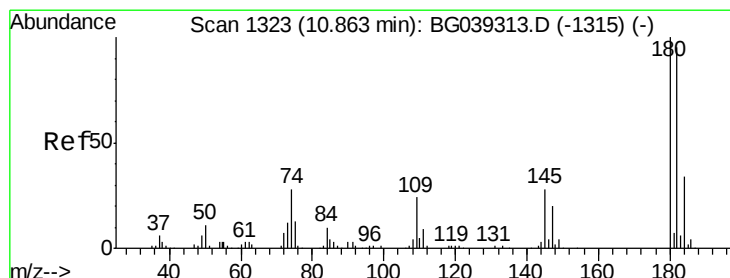
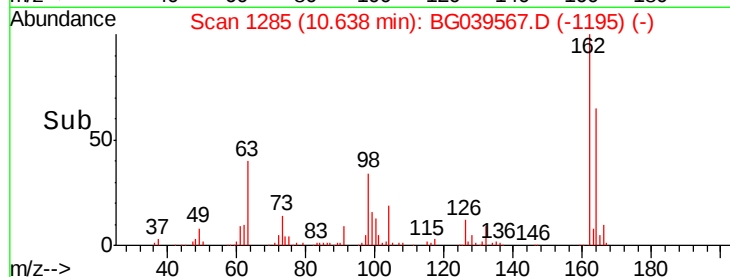
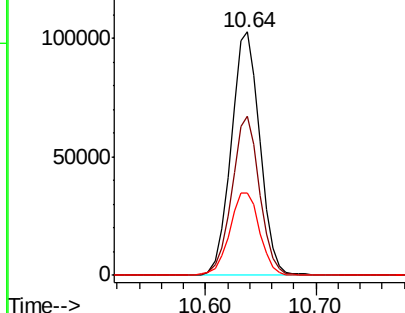
#29
 2,4-Dichlorophenol
 Concen: 48.271 ng
 RT: 10.64 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	48.1	88.1
98	33.7	18.1	58.1

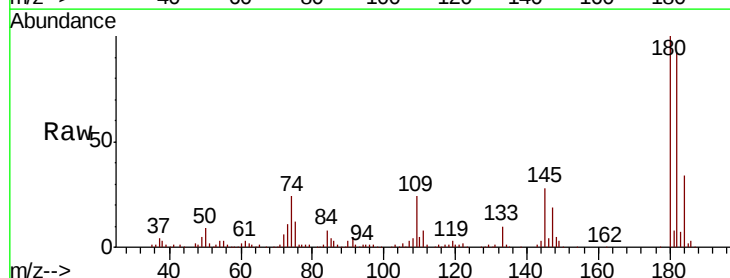


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

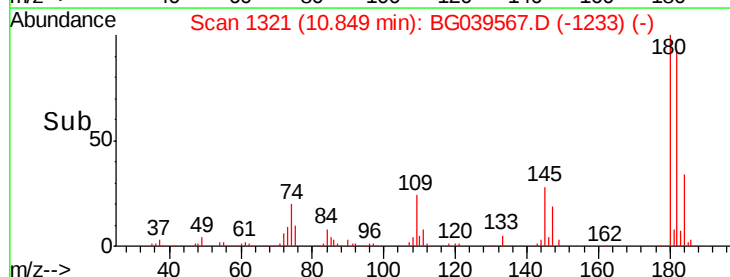
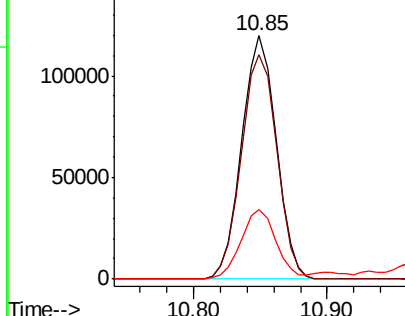


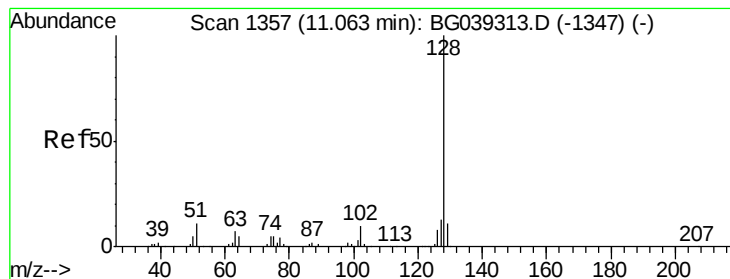
#30
 1,2,4-Trichlorobenzene
 Concen: 49.170 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.0	114.0
145	28.4	22.7	34.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

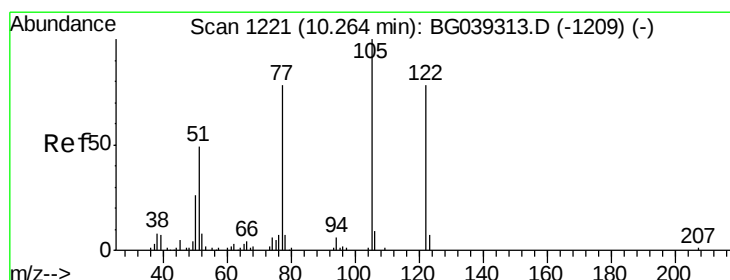
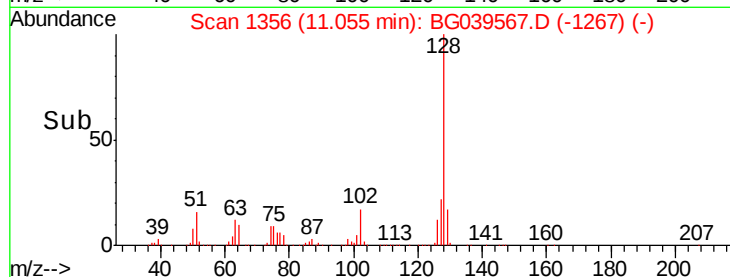
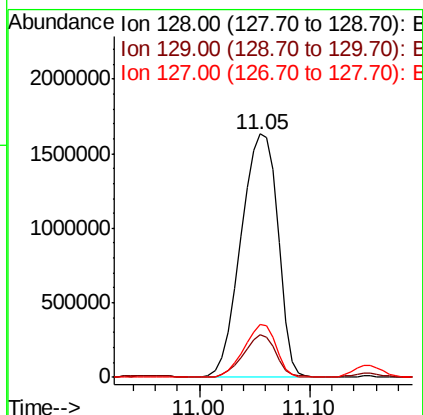
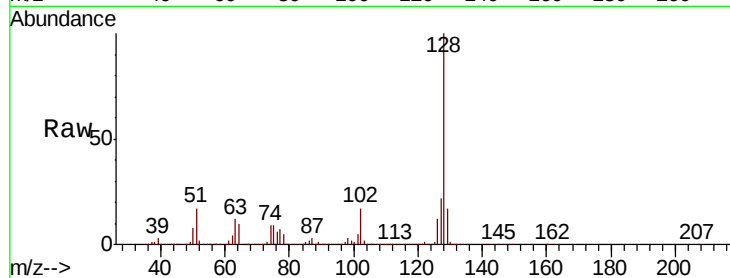




#31
Naphthalene
Concen: 312.773 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

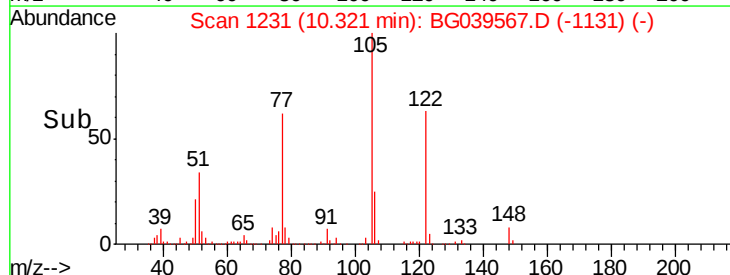
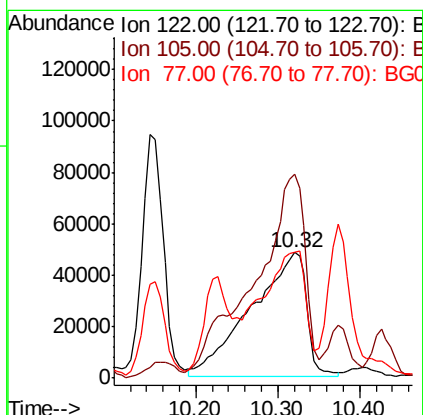
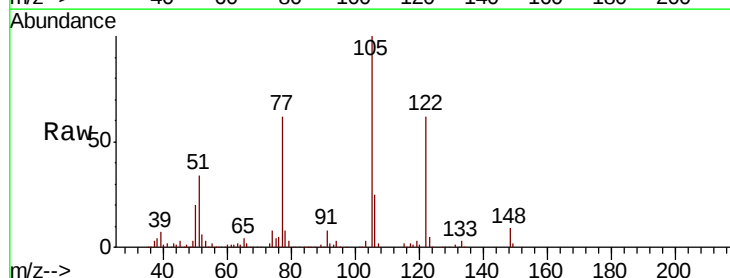
Instrument :
BNA_G
ClientSampleId :
MW-1MSD

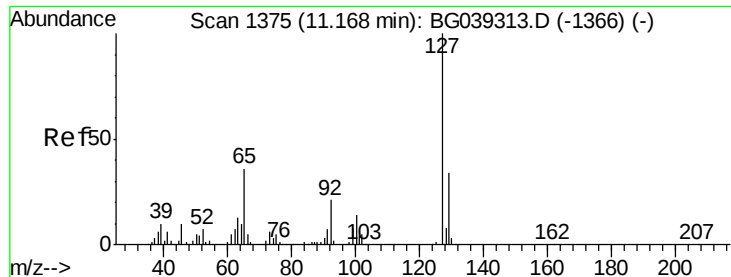
Tgt Ion:128 Resp: 3835154
Ion Ratio Lower Upper
128 100
129 17.4 8.7 13.1#
127 21.5 10.8 16.2#



#32
Benzoic acid
Concen: 88.262 ng
RT: 10.32 min Scan# 1231
Delta R.T. 0.06 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

Tgt Ion:122 Resp: 226624
Ion Ratio Lower Upper
122 100
105 162.1 101.8 141.8#
77 99.8 76.3 116.3

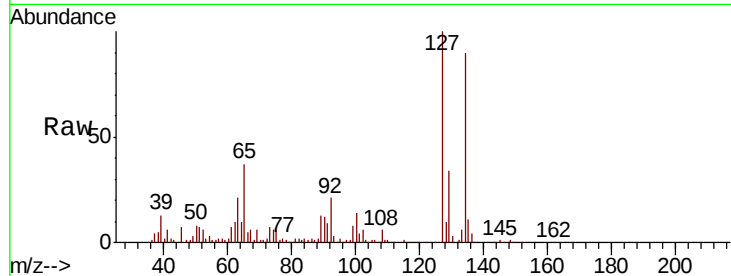




#33
4-Chloroaniline
Concen: 26.648 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

Instrument :
BNA_G
ClientSampleId :
MW-1MSD

Tgt Ion:	127	Resp:	151504
Ion	Ratio	Lower	Upper
127	100		
129	33.8	27.0	40.4
65	36.8	28.8	43.2
92	20.9	16.6	25.0



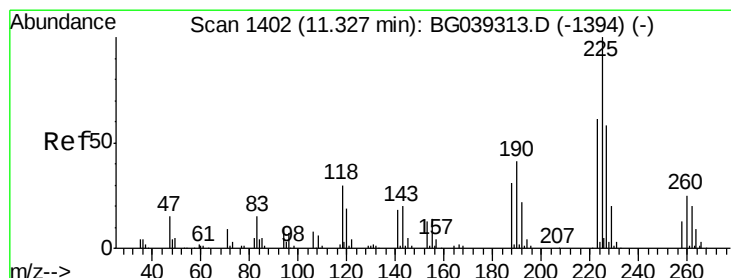
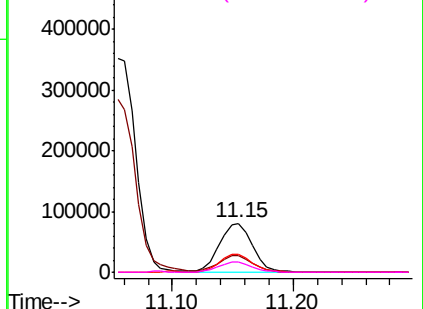
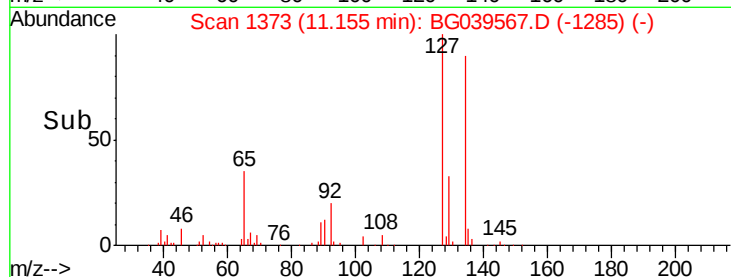
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

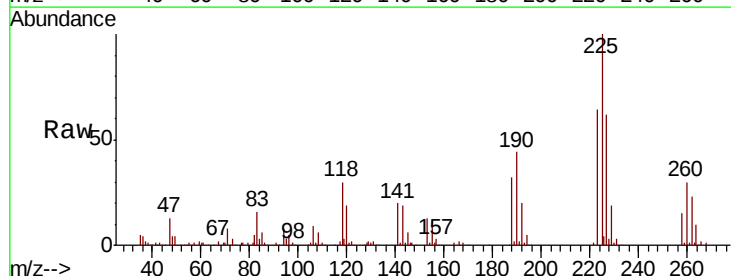
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 48.141 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

Tgt Ion:	225	Resp:	139328
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.0	73.6
227	62.3	46.3	69.5

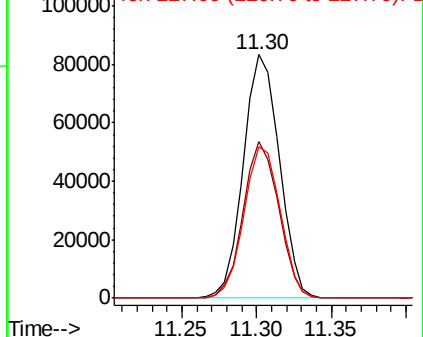
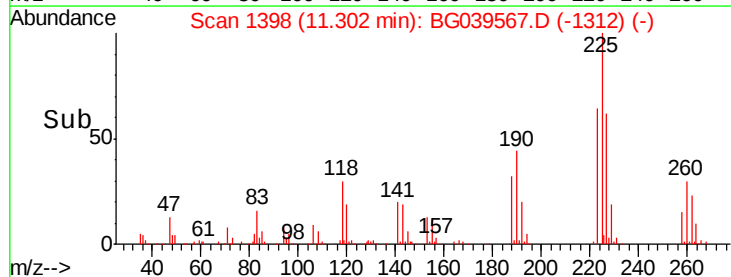


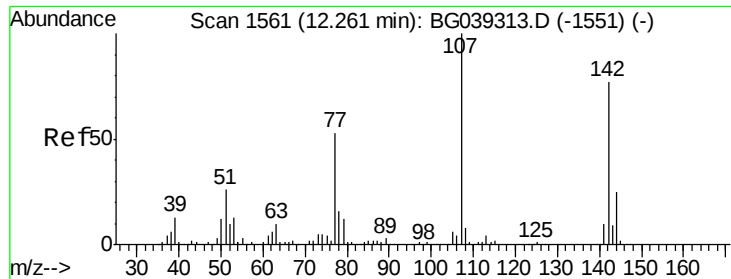
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

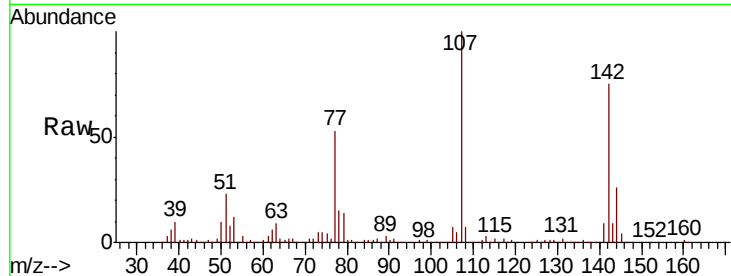




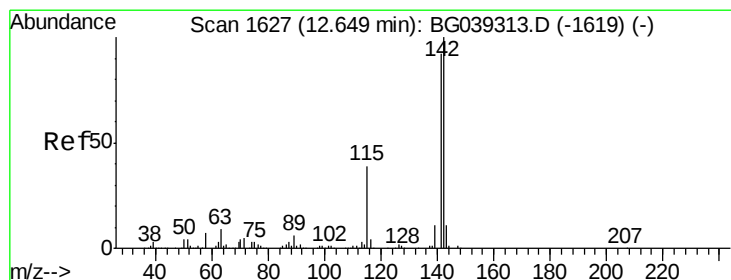
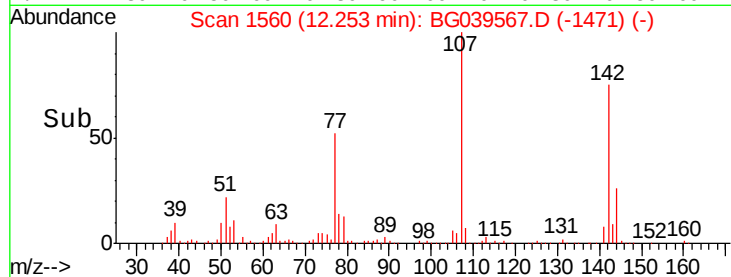
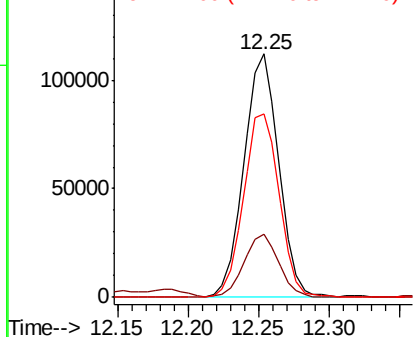
#36
 4-Chloro-3-methylphenol
 Concen: 42.894 ng
 RT: 12.25 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

Tgt Ion:107 Resp: 192288
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.2 30.2
 142 75.2 61.4 92.2

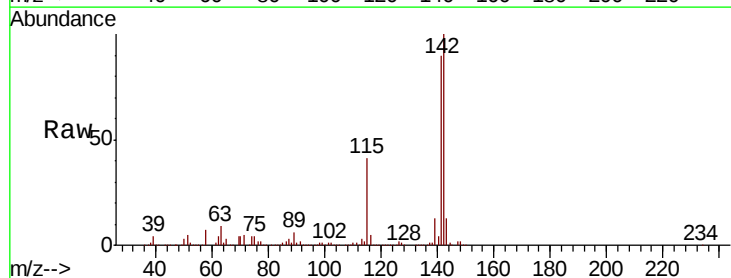


Abundance Ion 107.00 (106.70 to 107.70): E
 150000 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

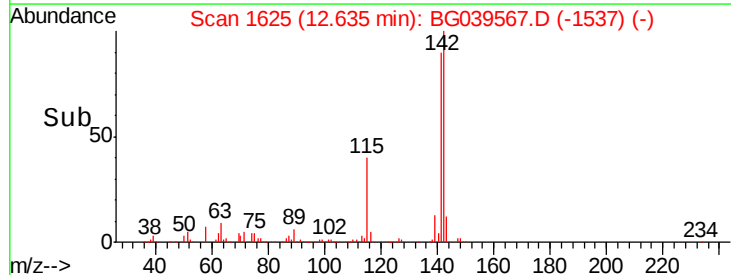
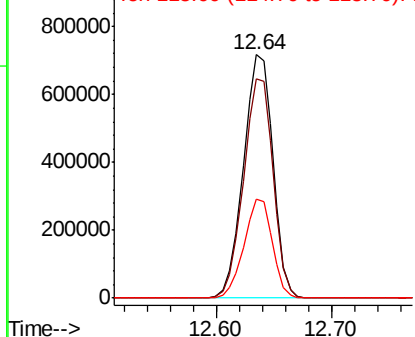


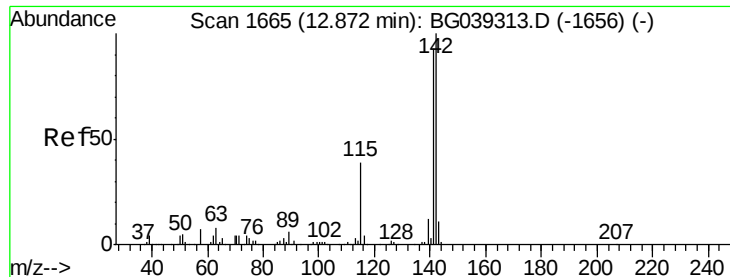
#37
 2-Methylnaphthalene
 Concen: 139.708 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Tgt Ion:142 Resp: 1268798
 Ion Ratio Lower Upper
 142 100
 141 90.0 73.5 110.3
 115 40.7 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E
 1000000 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

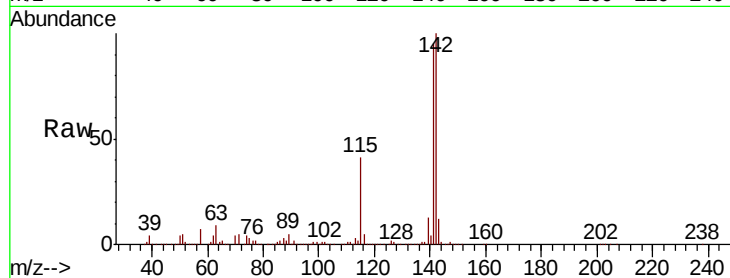




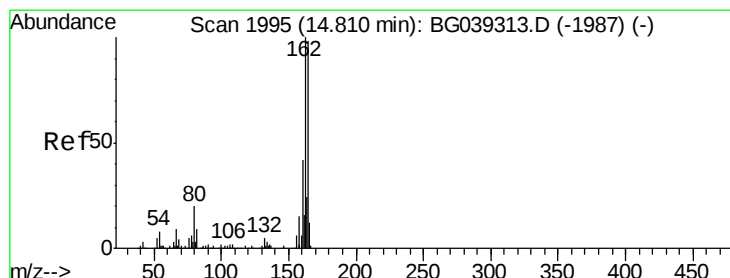
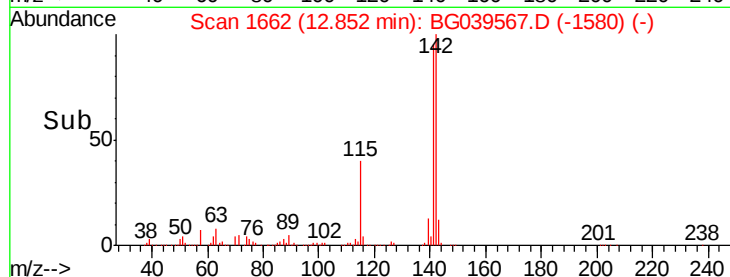
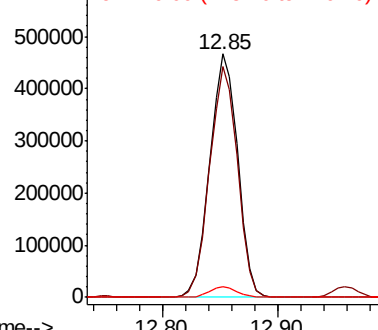
#38
 1-Methylnaphthalene
 Concen: 89.022 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

Tgt Ion:142 Resp: 779328
 Ion Ratio Lower Upper
 142 100
 141 94.8 74.2 111.4
 116 4.5 3.0 4.6

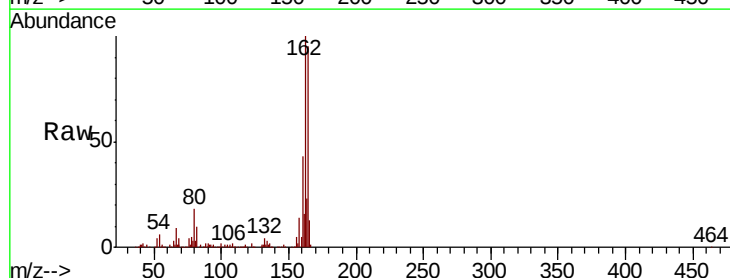


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

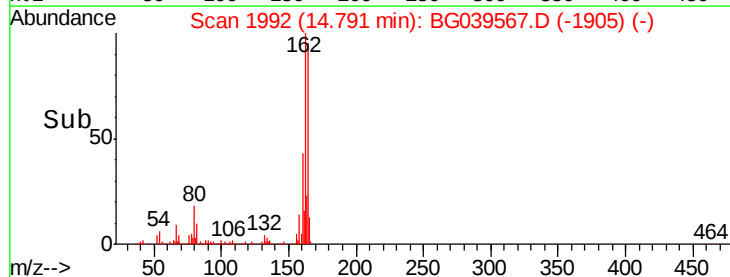
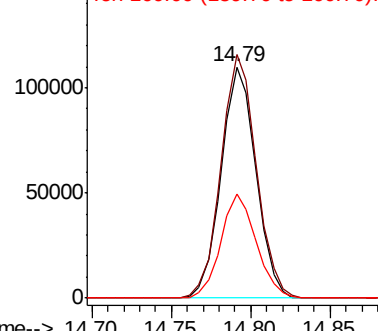


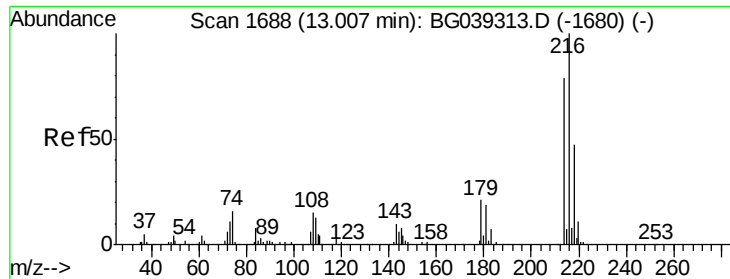
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Tgt Ion:164 Resp: 167359
 Ion Ratio Lower Upper
 164 100
 162 105.3 81.6 122.4
 160 45.0 34.2 51.2



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





#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.443 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

Tgt Ion:216 Resp: 257952

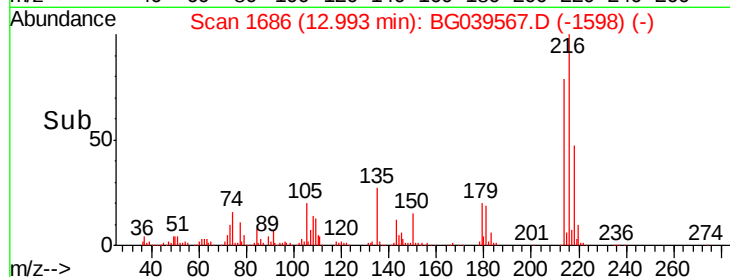
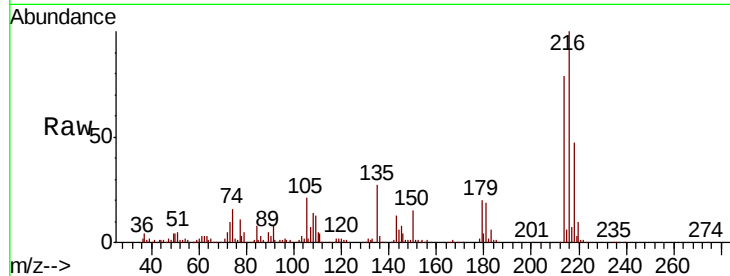
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 20.0 16.6 25.0

108 18.3 14.0 21.0



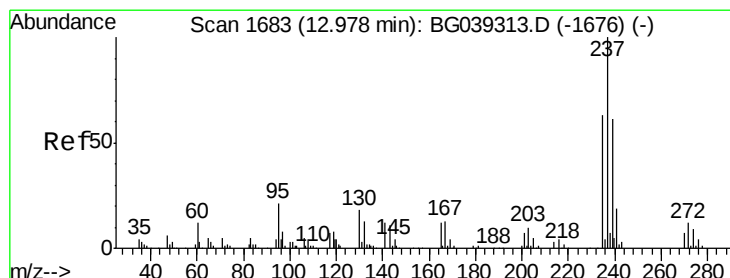
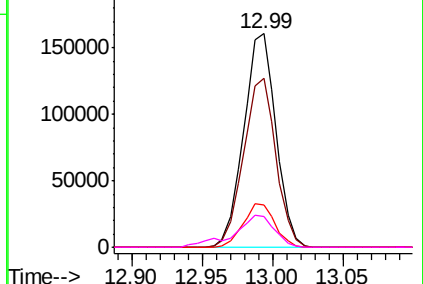
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time--> 12.90 12.95 13.00 13.05



#41

Hexachlorocyclopentadiene

Concen: 98.563 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

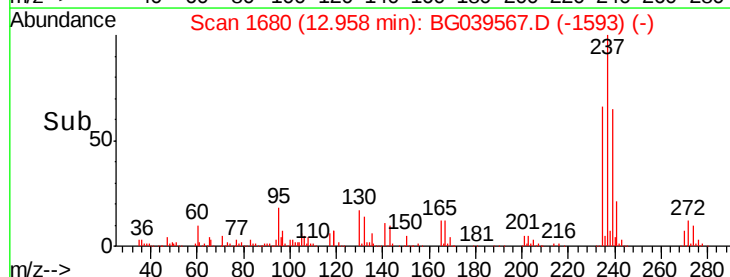
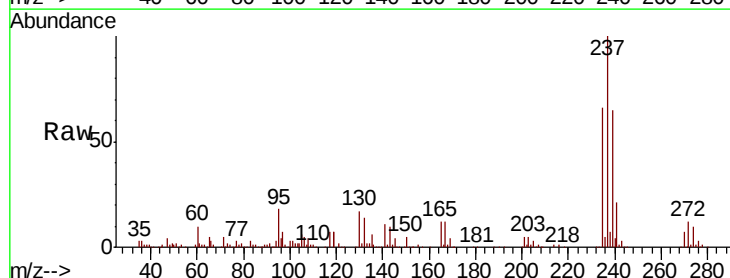
Tgt Ion:237 Resp: 285992

Ion Ratio Lower Upper

237 100

235 66.2 43.3 83.3

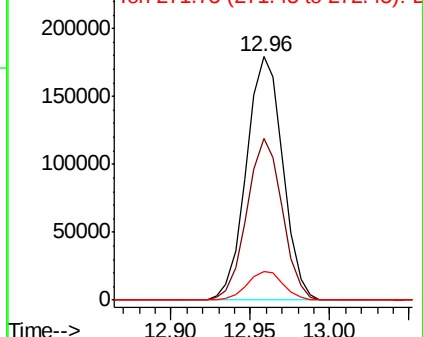
272 11.5 0.0 32.3

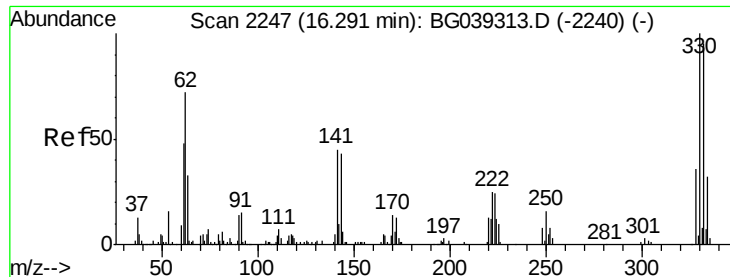


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 156.661 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

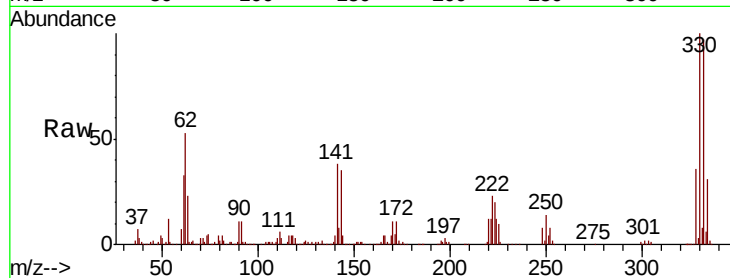
Tgt Ion:330 Resp: 282329

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

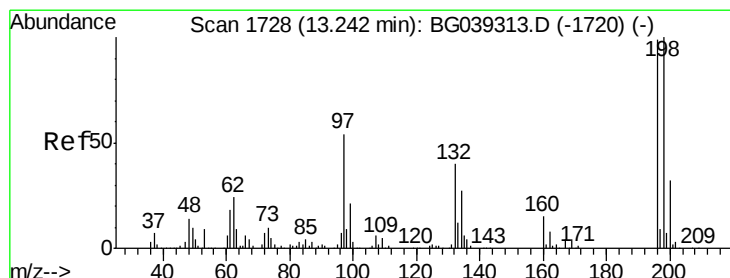
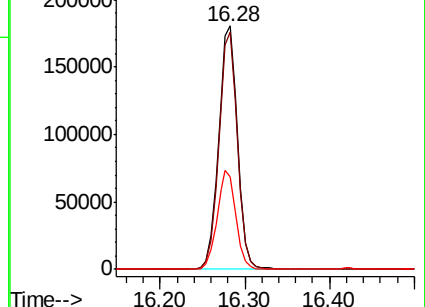
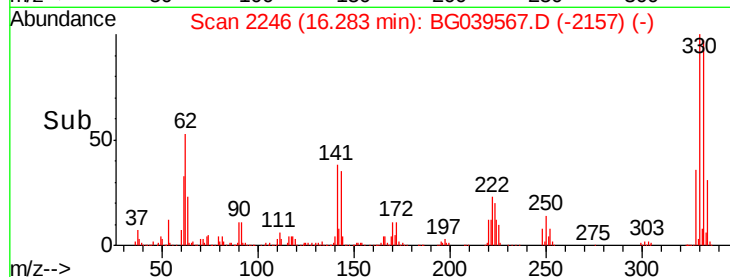
141 40.4 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 51.469 ng

RT: 13.23 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

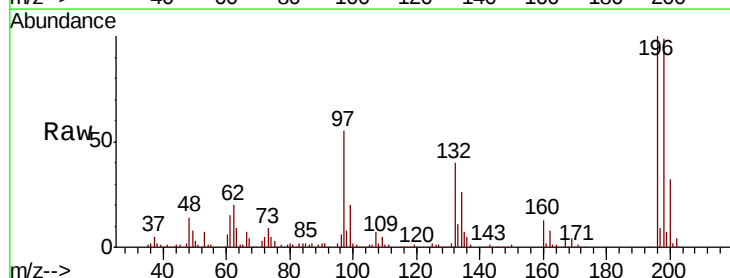
Tgt Ion:196 Resp: 168509

Ion Ratio Lower Upper

196 100

198 99.0 80.6 121.0

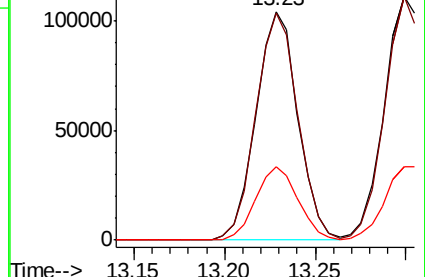
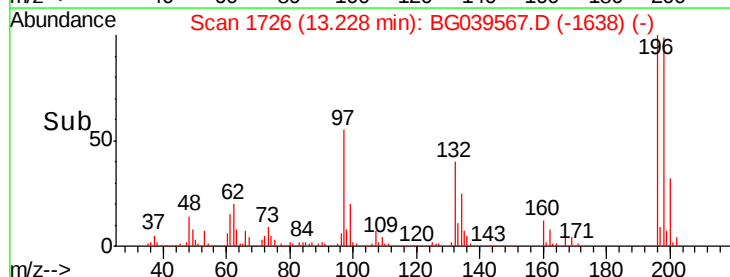
200 32.0 26.1 39.1

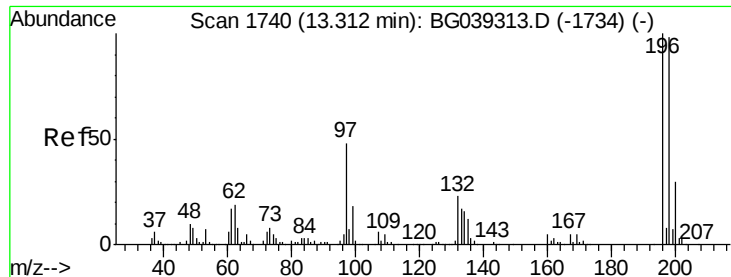


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

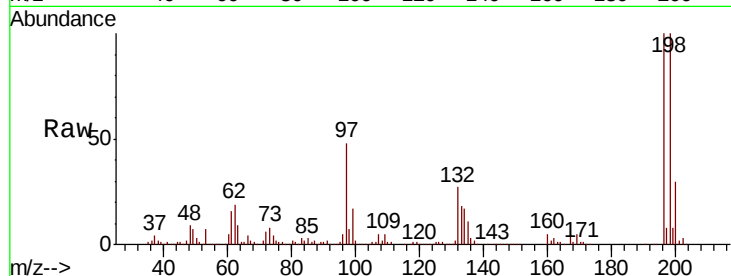




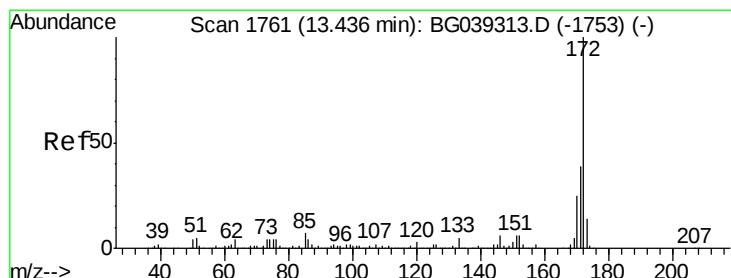
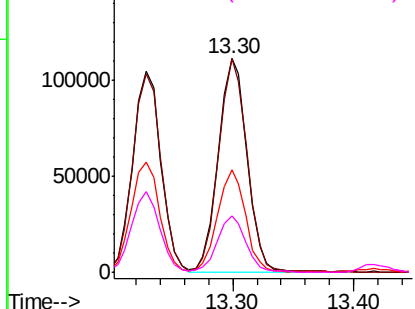
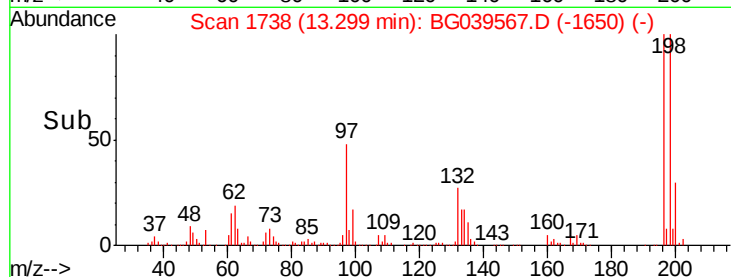
#44
 2,4,5-Trichlorophenol
 Concen: 53.130 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

Tgt Ion:196 Resp: 182311
 Ion Ratio Lower Upper
 196 100
 198 100.1 78.5 117.7
 97 48.0 38.4 57.6
 132 26.6 19.2 28.8

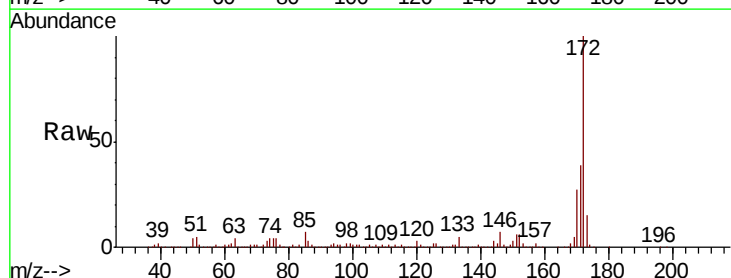


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

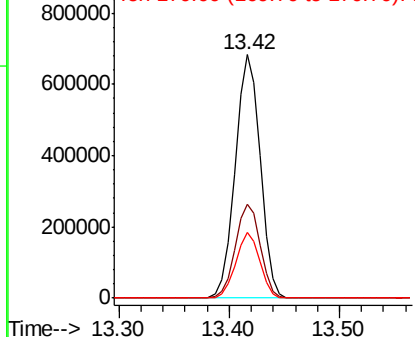
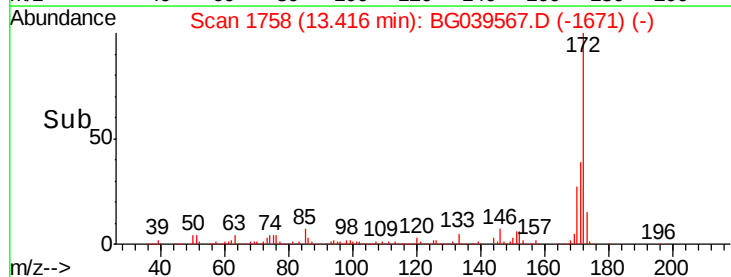


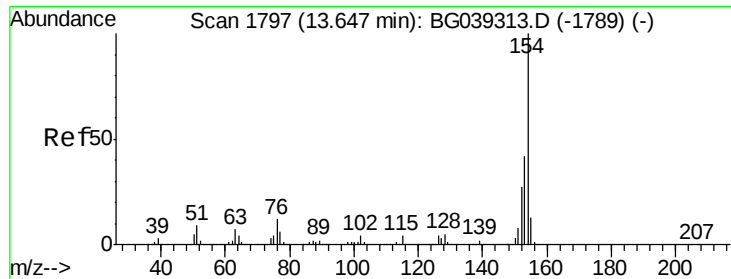
#45
 2-Fluorobiphenyl
 Concen: 92.902 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Tgt Ion:172 Resp: 1083821
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.8 46.2
 170 27.2 20.2 30.4



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

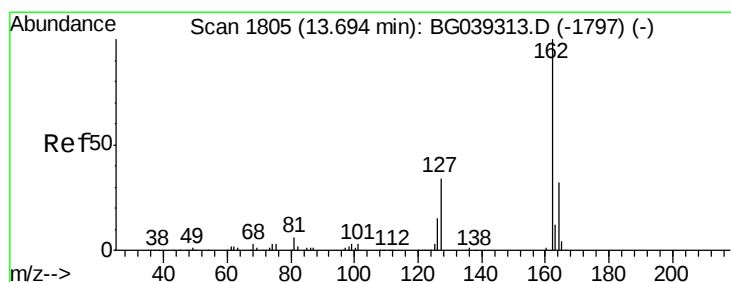
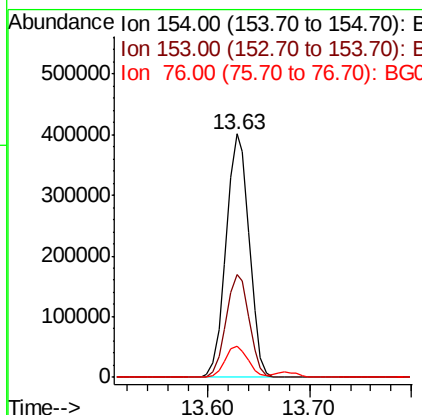
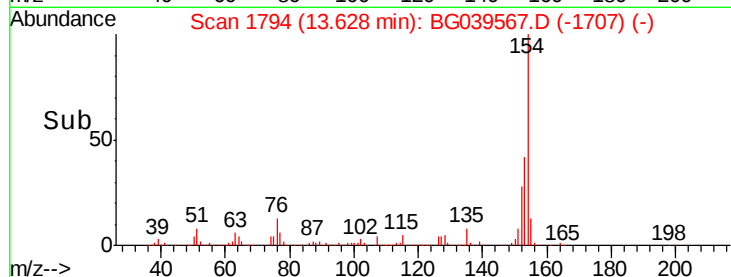
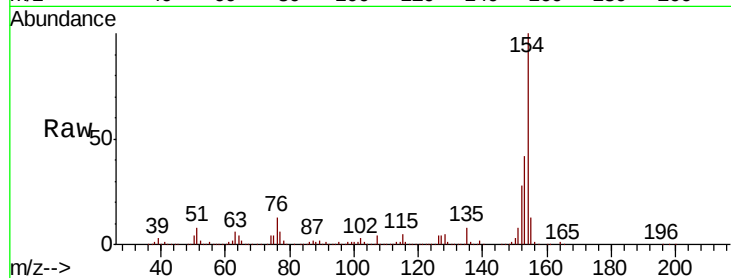




#46
 1,1'-Biphenyl
 Concen: 45.413 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

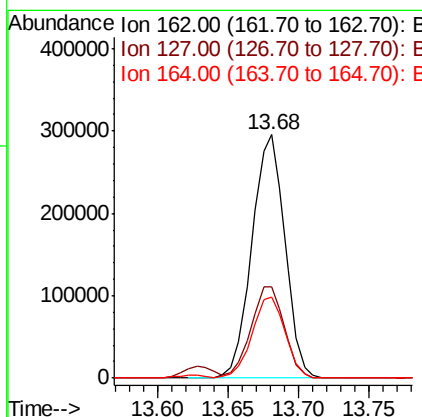
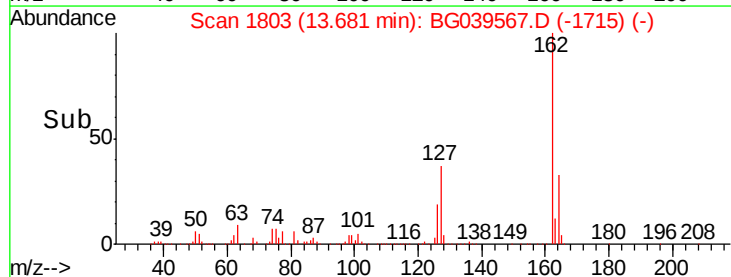
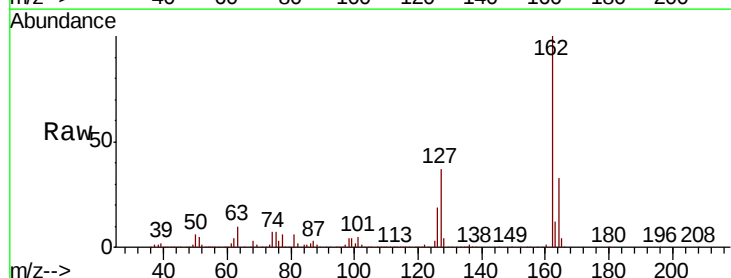
Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

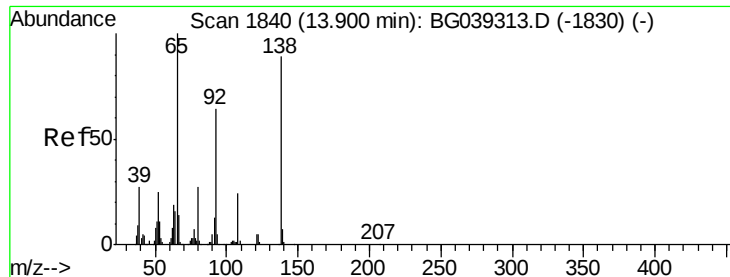
Tgt Ion:154 Resp: 632362
 Ion Ratio Lower Upper
 154 100
 153 42.3 22.1 62.1
 76 12.6 0.0 32.4



#47
 2-Chloronaphthalene
 Concen: 46.318 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Tgt Ion:162 Resp: 485189
 Ion Ratio Lower Upper
 162 100
 127 37.4 31.0 46.6
 164 33.3 25.7 38.5

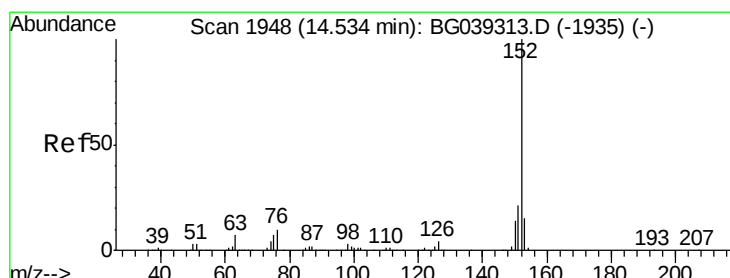
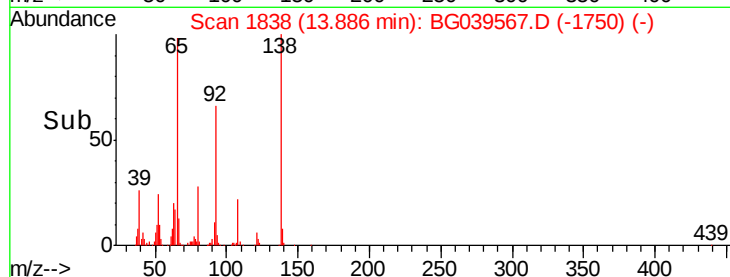
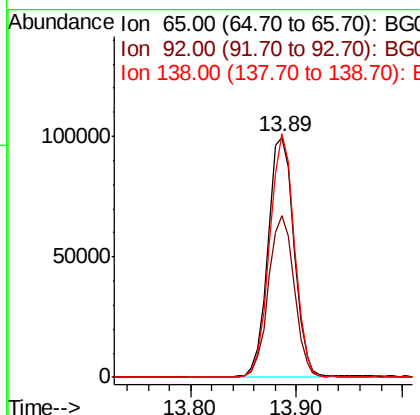
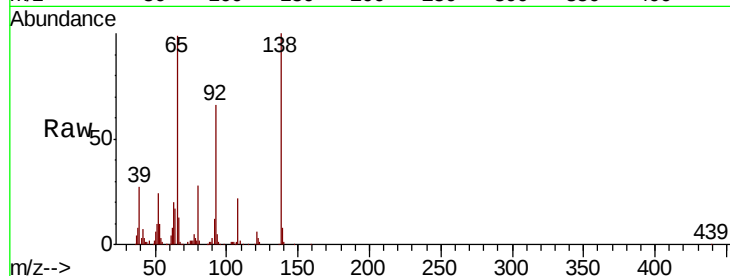




#48
2-Nitroaniline
Concen: 55.120 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

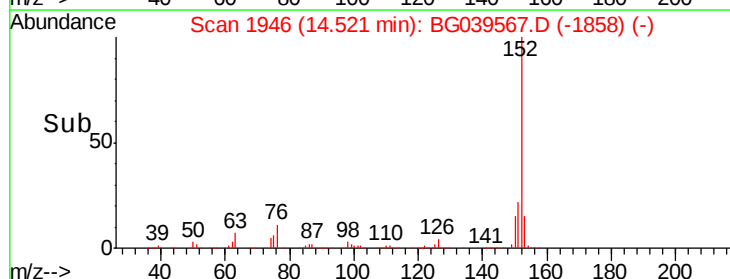
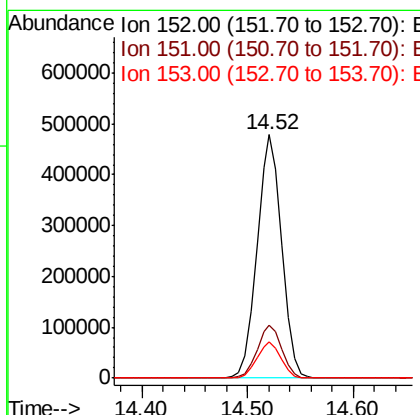
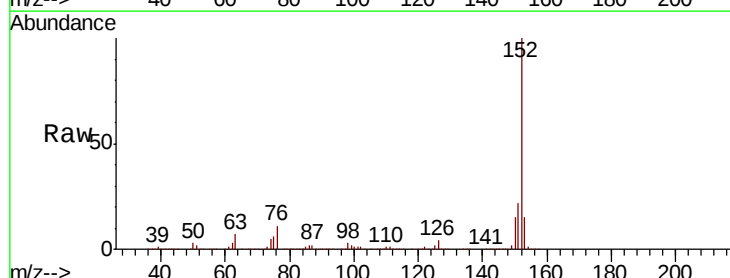
Instrument :
BNA_G
ClientSampleId :
MW-1MSD

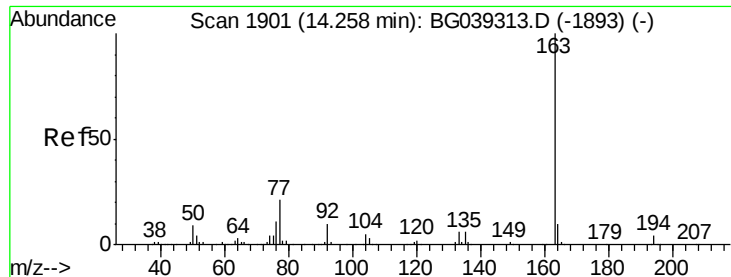
Tgt Ion: 65 Resp: 170343
Ion Ratio Lower Upper
65 100
92 67.1 51.4 77.2
138 101.5 71.4 107.2



#49
Acenaphthylene
Concen: 48.959 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

Tgt Ion: 152 Resp: 773859
Ion Ratio Lower Upper
152 100
151 21.9 16.8 25.2
153 15.1 11.7 17.5





#50

Dimethylphthalate

Concen: 46.553 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

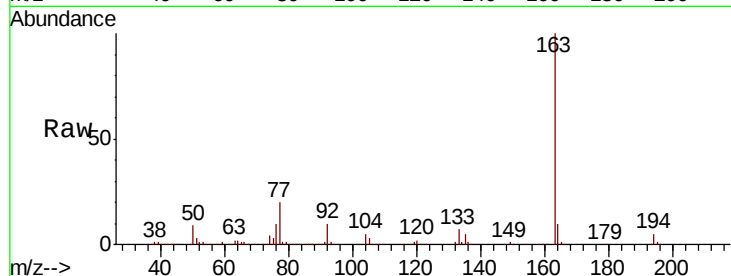
Tgt Ion:163 Resp: 629231

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

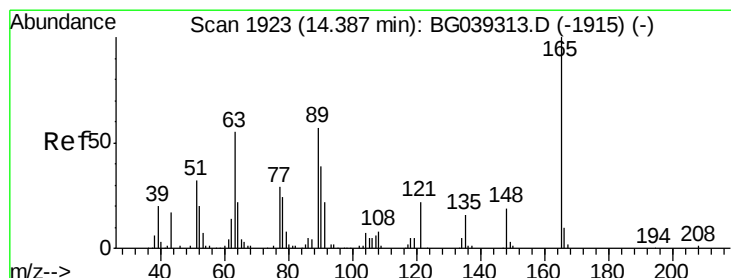
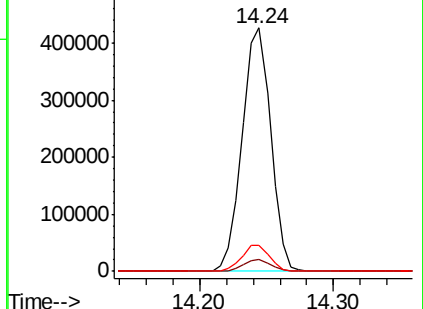
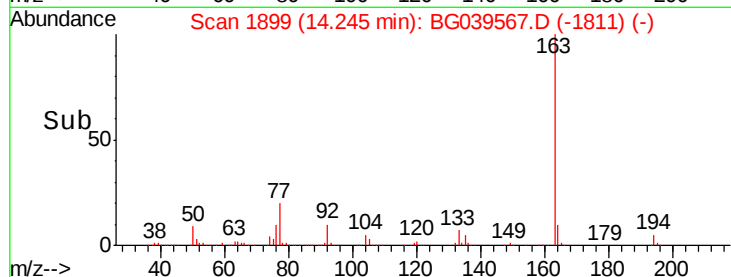
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 55.393 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

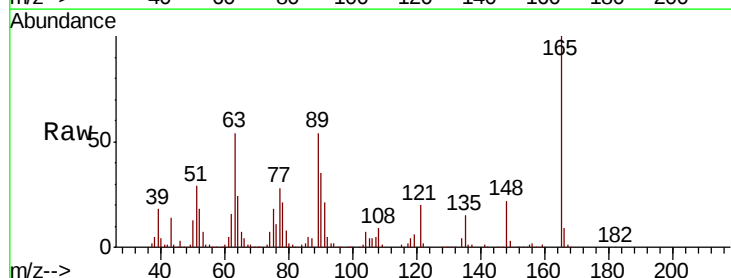
Tgt Ion:165 Resp: 142889

Ion Ratio Lower Upper

165 100

63 53.9 47.0 70.6

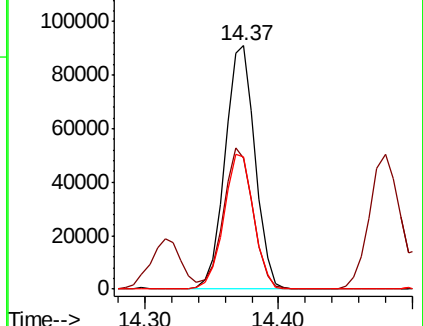
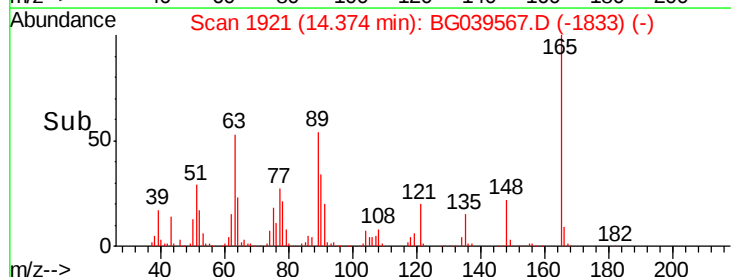
89 54.3 45.8 68.8

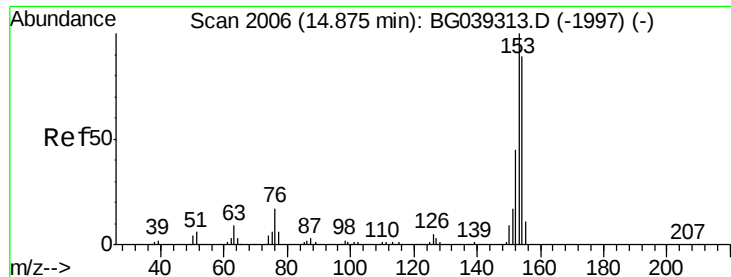


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 46.015 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

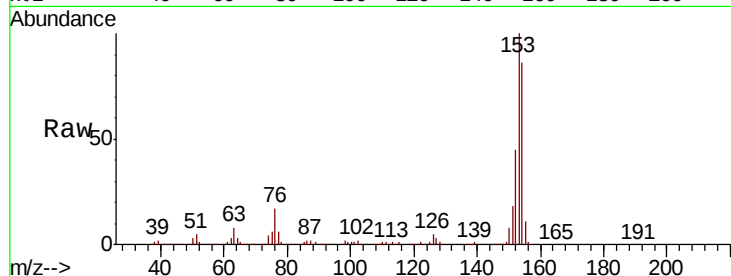
Tgt Ion:154 Resp: 472121

Ion Ratio Lower Upper

154 100

153 115.9 90.1 135.1

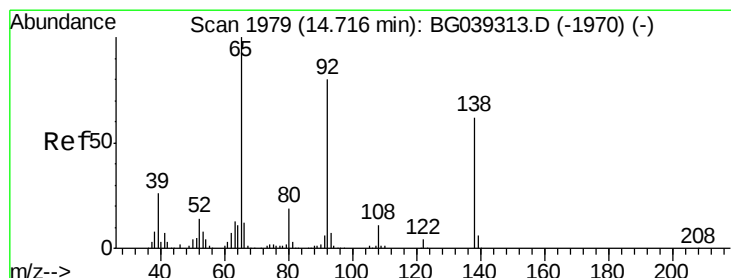
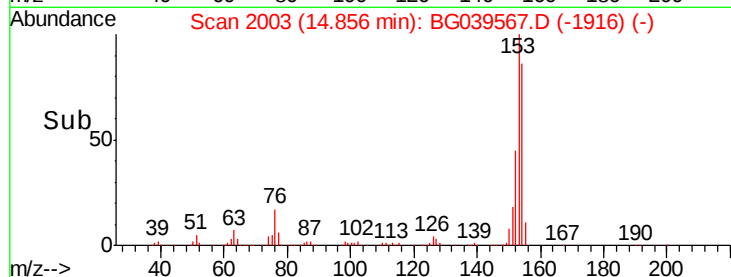
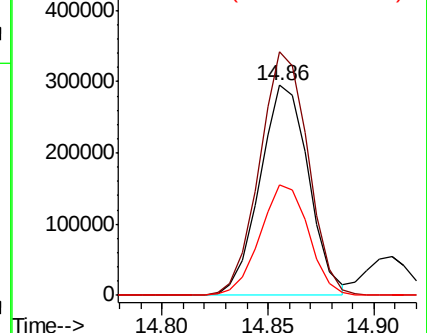
152 52.7 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 37.343 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

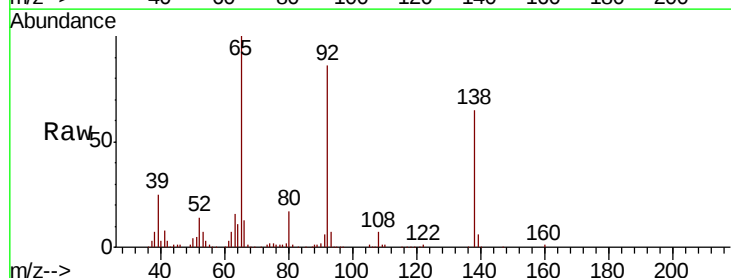
Tgt Ion:138 Resp: 97804

Ion Ratio Lower Upper

138 100

108 10.7 13.8 20.8#

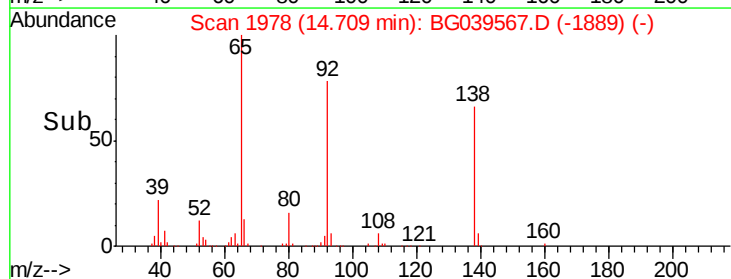
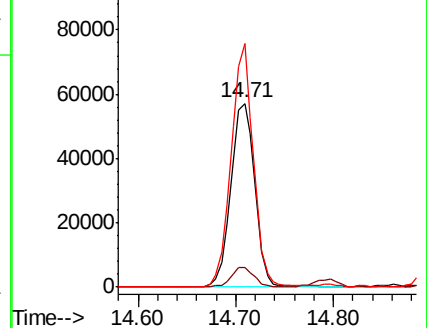
92 132.3 103.7 155.5

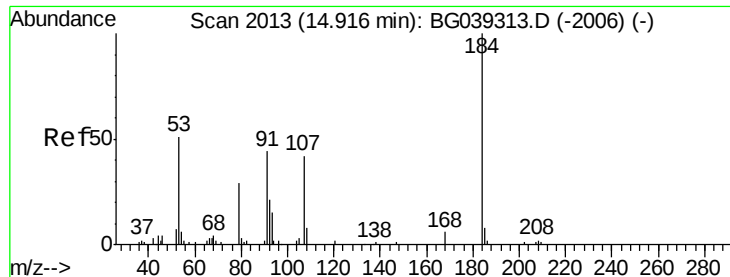


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

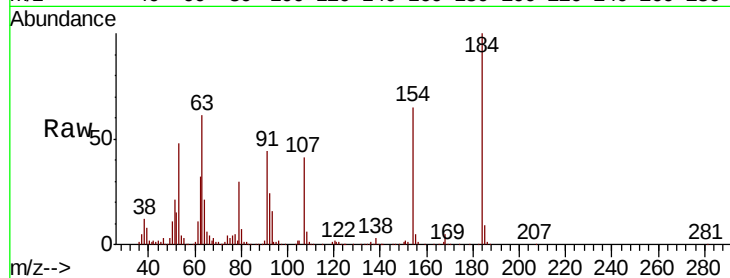




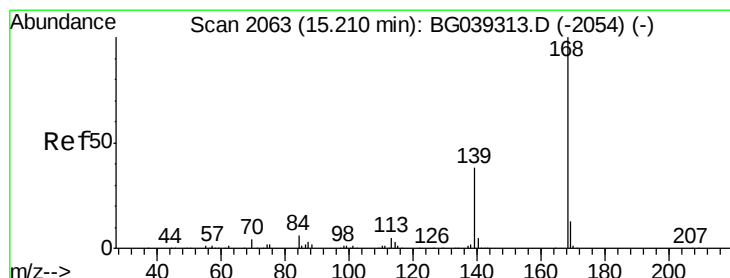
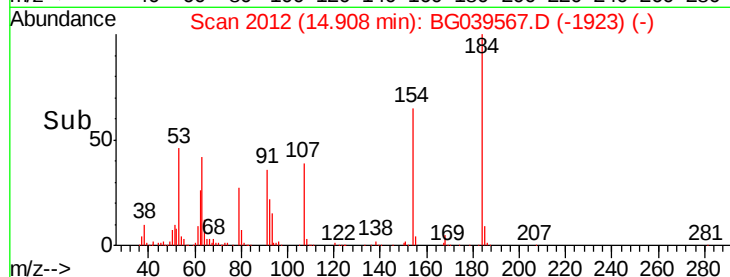
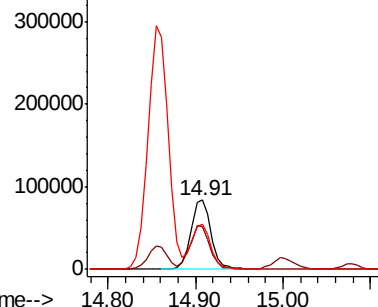
#54
2,4-Dinitrophenol
Concen: 105.871 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

Instrument :
BNA_G
ClientSampleId :
MW-1MSD

Tgt Ion:184 Resp: 137002
Ion Ratio Lower Upper
184 100
63 61.3 50.9 76.3
154 65.3 53.0 79.6

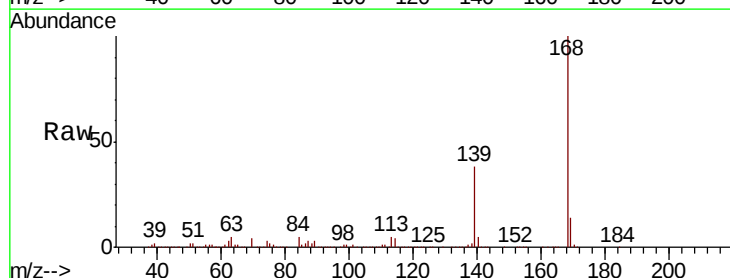


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

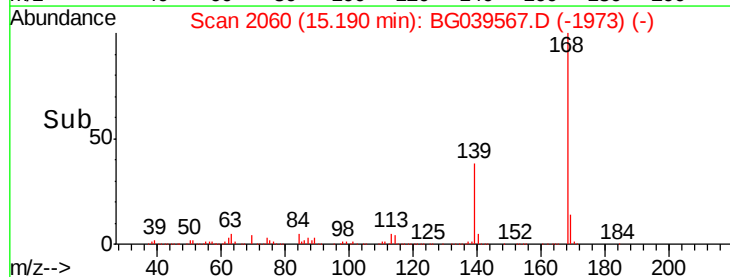
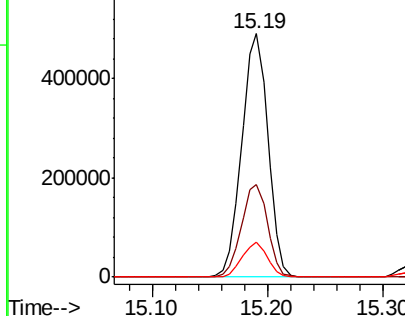


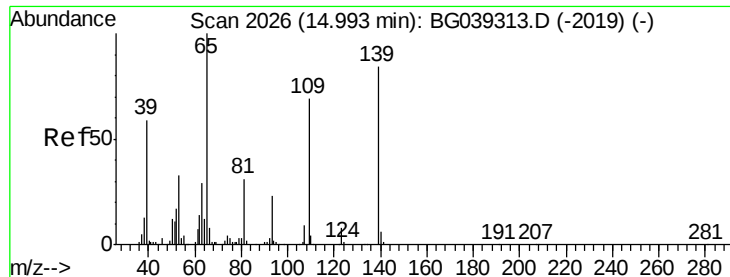
#55
Dibenzofuran
Concen: 46.934 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

Tgt Ion:168 Resp: 772095
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1
169 14.4 10.6 16.0



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

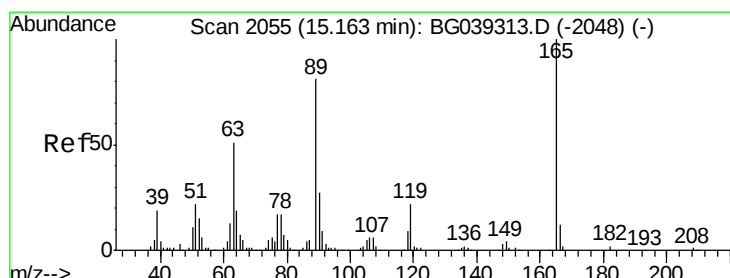
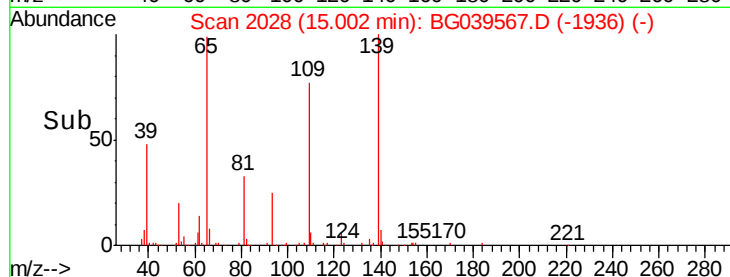
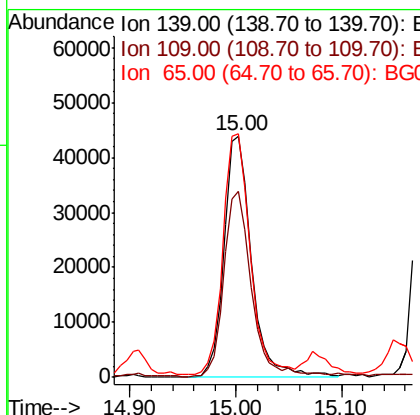
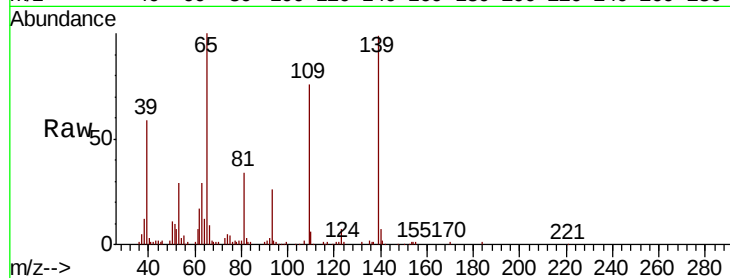




#56
4-Nitrophenol
Concen: 35.866 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

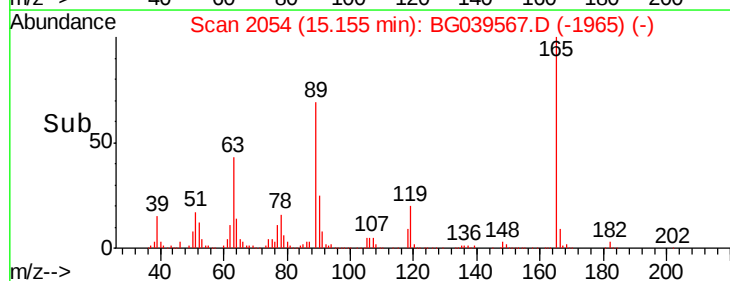
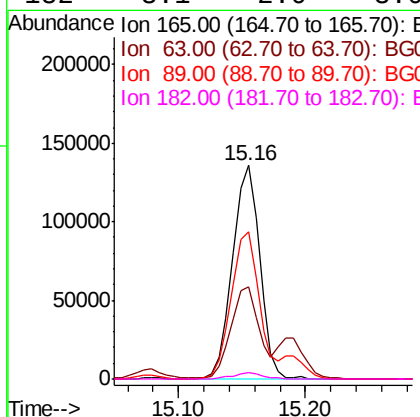
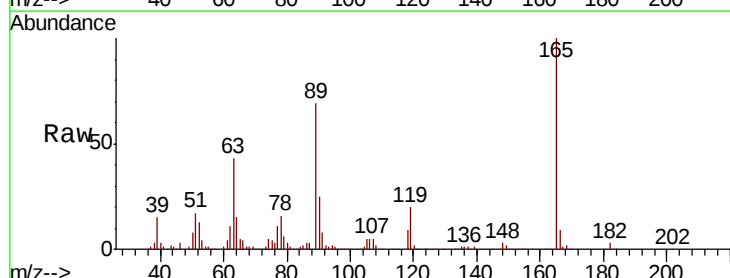
Instrument :
BNA_G
ClientSampleId :
MW-1MSD

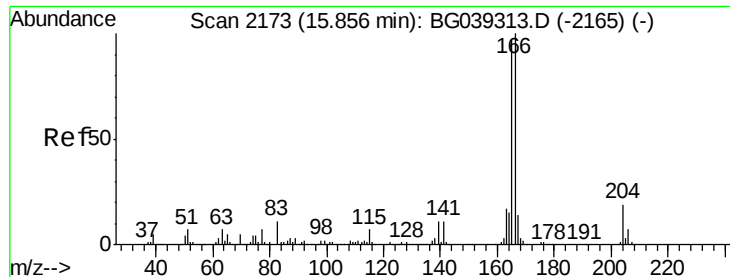
Tgt Ion:139 Resp: 79232
Ion Ratio Lower Upper
139 100
109 76.9 61.9 101.9
65 100.8 99.1 139.1



#57
2,4-Dinitrotoluene
Concen: 59.911 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

Tgt Ion:165 Resp: 201372
Ion Ratio Lower Upper
165 100
63 43.4 41.0 61.6
89 68.7 64.6 96.8
182 3.1 2.0 3.0#

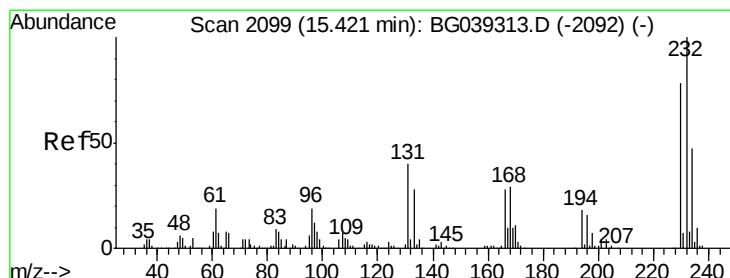
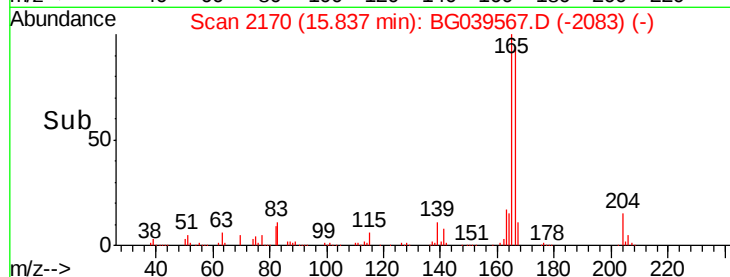
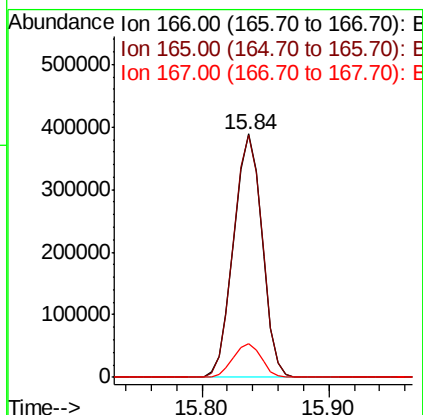
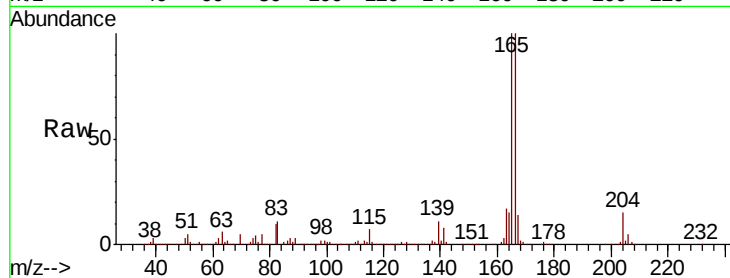




#58
 Fluorene
 Concen: 49.217 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

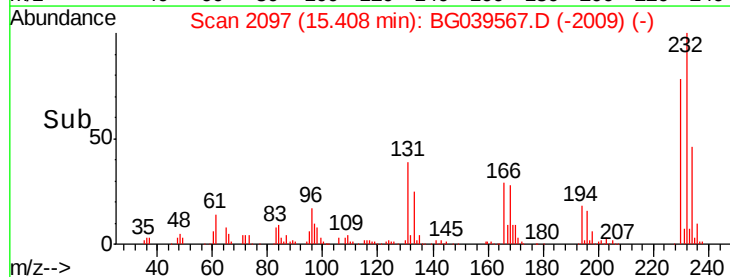
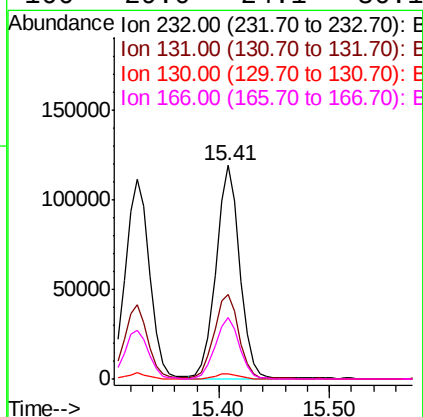
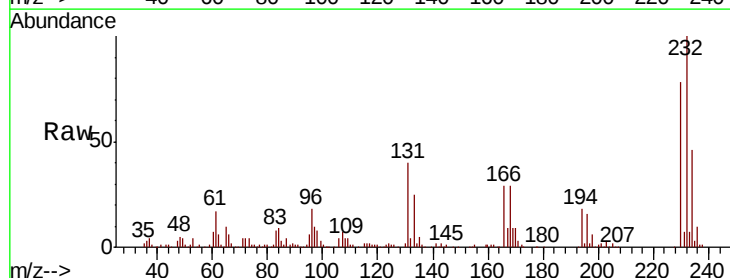
Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

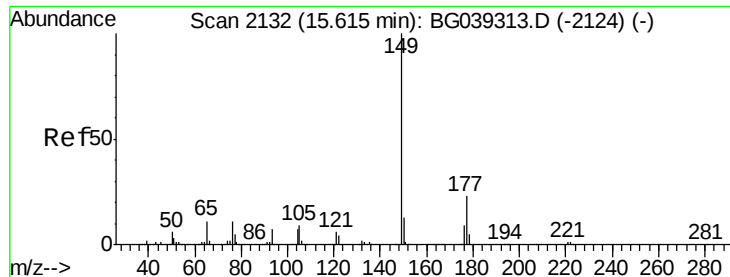
Tgt Ion:166 Resp: 603552
 Ion Ratio Lower Upper
 166 100
 165 99.6 77.9 116.9
 167 14.0 10.8 16.2



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.283 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Tgt Ion:232 Resp: 177618
 Ion Ratio Lower Upper
 232 100
 131 40.9 34.9 52.3
 130 2.5 2.0 3.0
 166 29.0 24.1 36.1

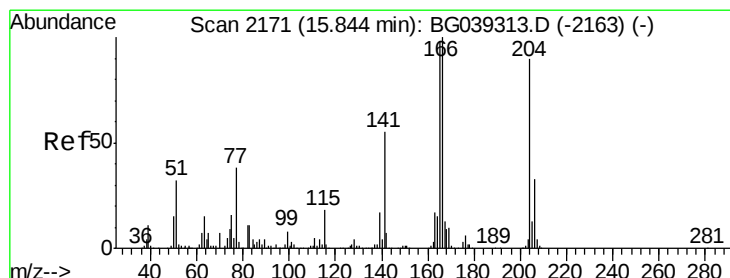
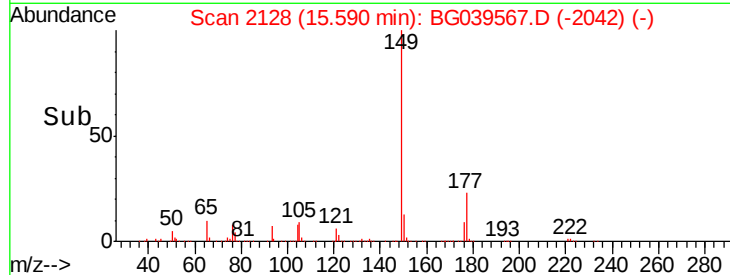
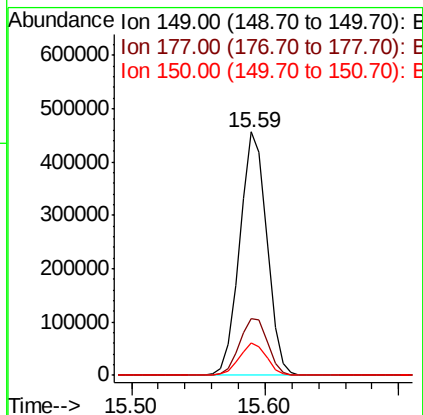
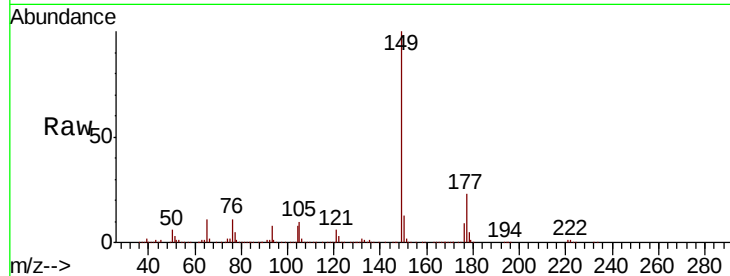




#60
Diethylphthalate
Concen: 45.692 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.03 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

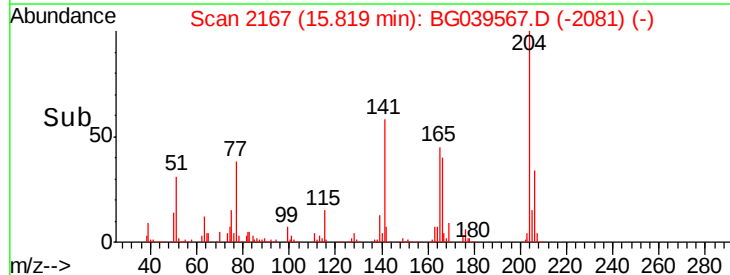
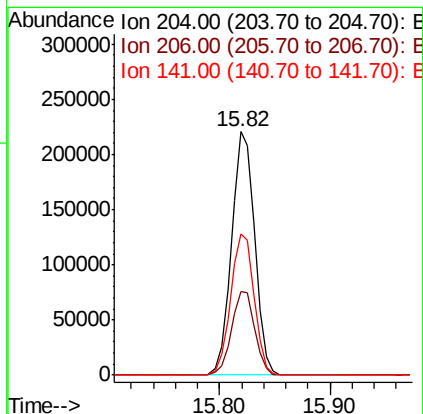
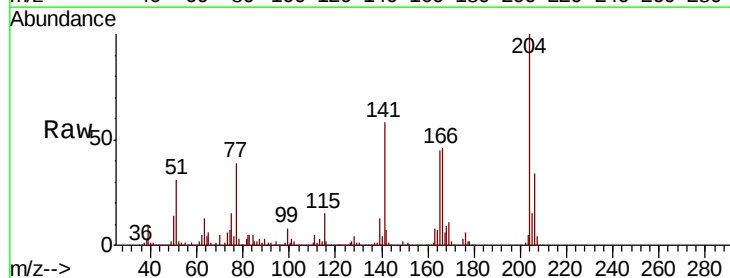
Instrument :
BNA_G
ClientSampleId :
MW-1MSD

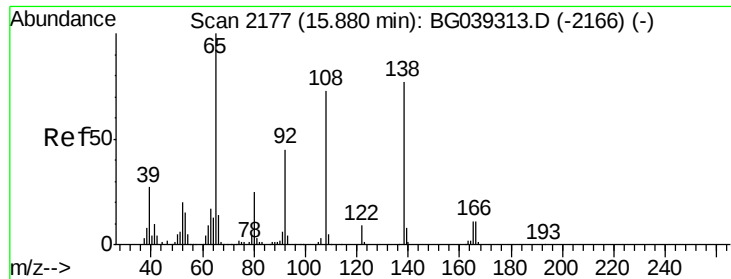
Tgt Ion:149 Resp: 638551
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 13.1 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 46.610 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

Tgt Ion:204 Resp: 323649
Ion Ratio Lower Upper
204 100
206 34.4 29.2 43.8
141 58.0 49.0 73.4

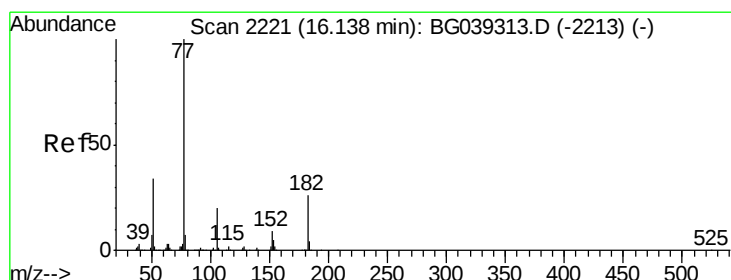
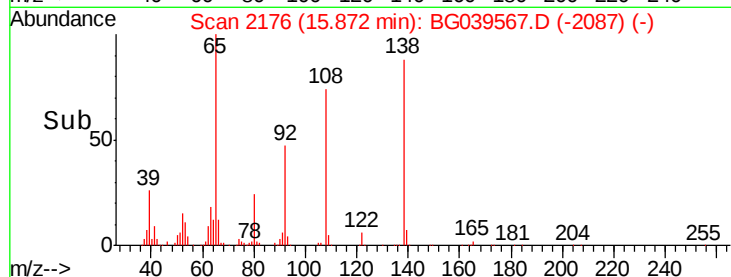
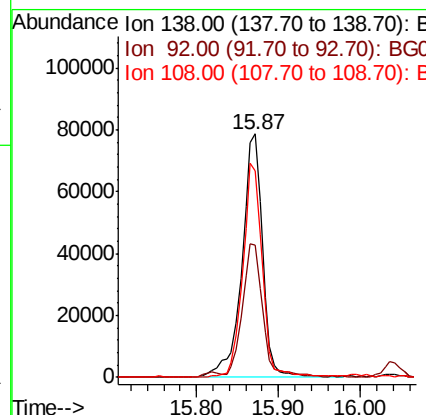
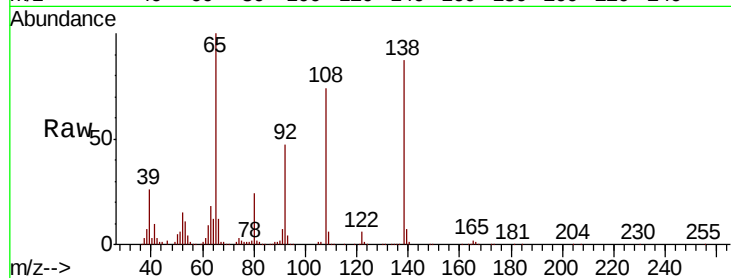




#62
4-Nitroaniline
Concen: 48.902 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

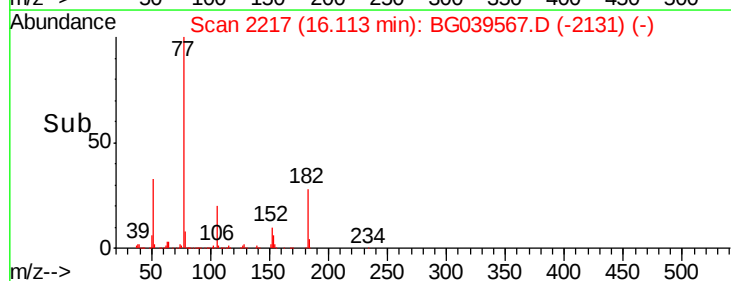
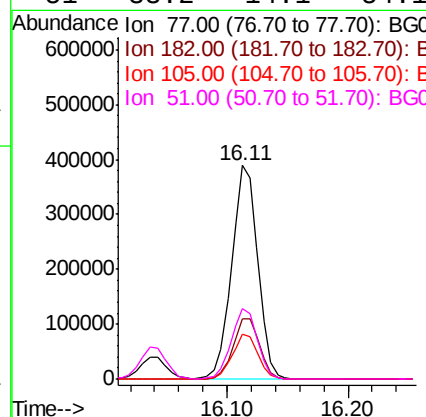
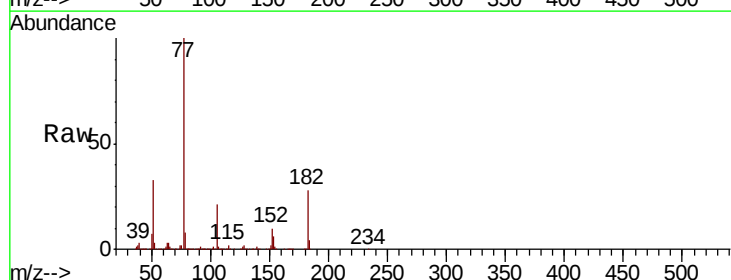
Instrument :
BNA_G
ClientSampleId :
MW-1MSD

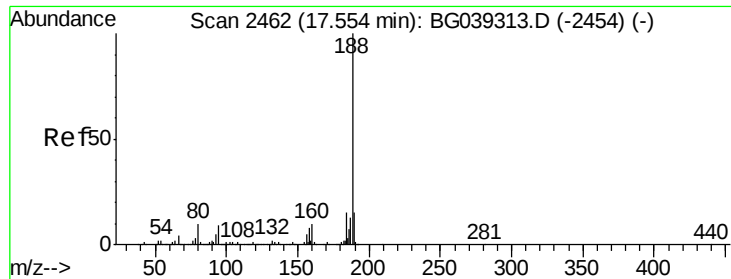
Tgt Ion:138 Resp: 138853
Ion Ratio Lower Upper
138 100
92 54.1 38.7 78.7
108 84.9 74.6 114.6



#63
Azobenzene
Concen: 42.412 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.03 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

Tgt Ion: 77 Resp: 579316
Ion Ratio Lower Upper
77 100
182 28.1 6.4 46.4
105 21.2 0.0 39.8
51 33.2 14.1 54.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

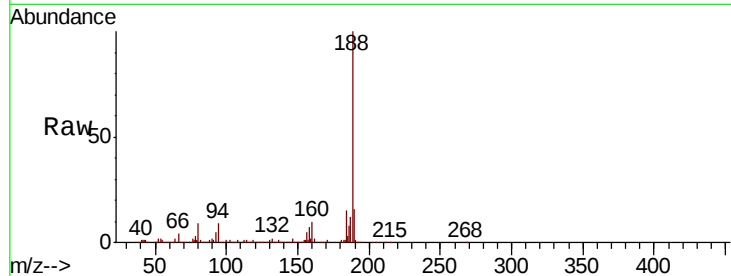
Tgt Ion:188 Resp: 383864

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

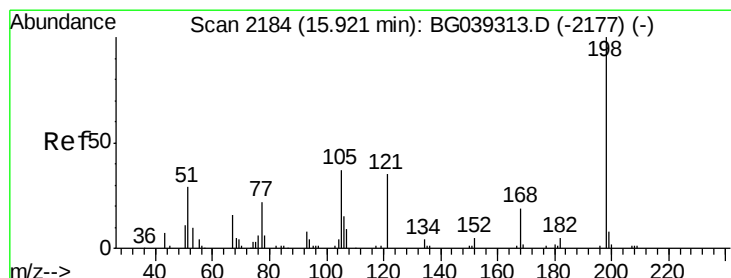
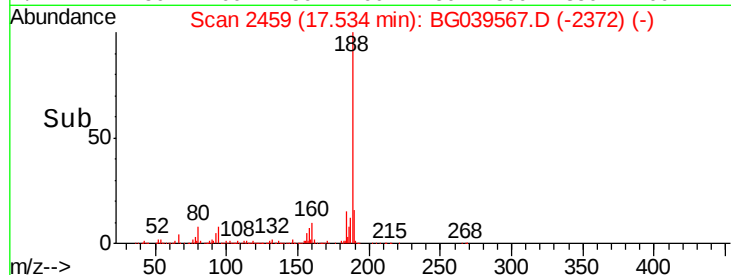
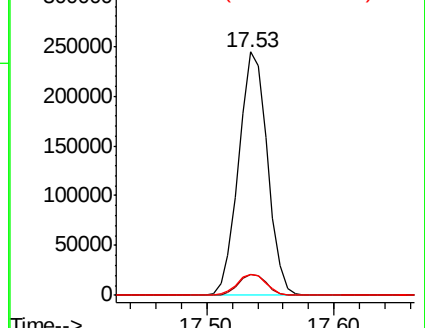
80 8.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

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: 61.767 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

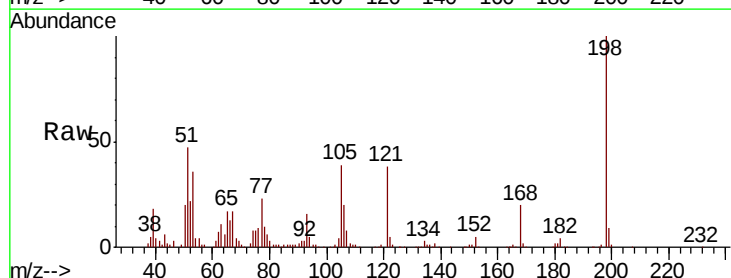
Tgt Ion:198 Resp: 103996

Ion Ratio Lower Upper

198 100

51 46.8 27.4 67.4

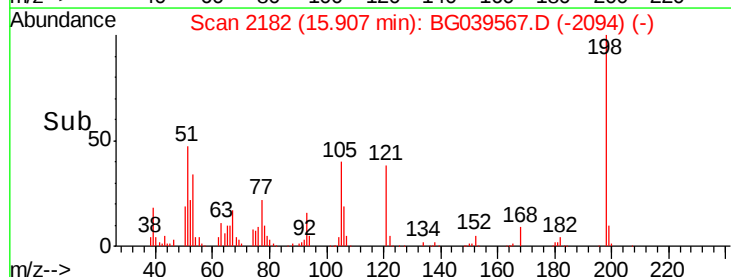
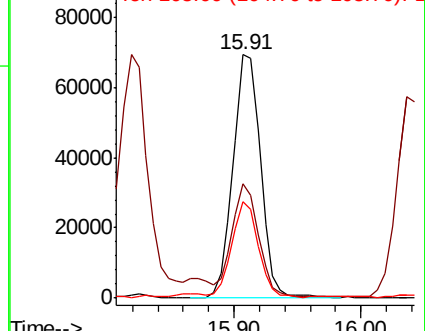
105 39.4 19.7 59.7

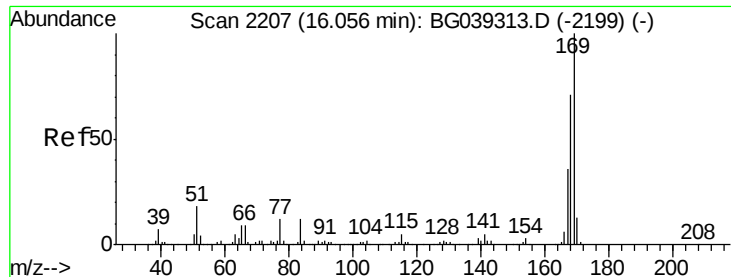


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 47.371 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

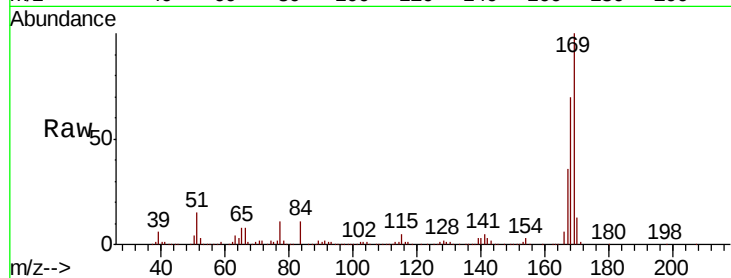
Tgt Ion:169 Resp: 552911

Ion Ratio Lower Upper

169 100

168 70.5 56.6 85.0

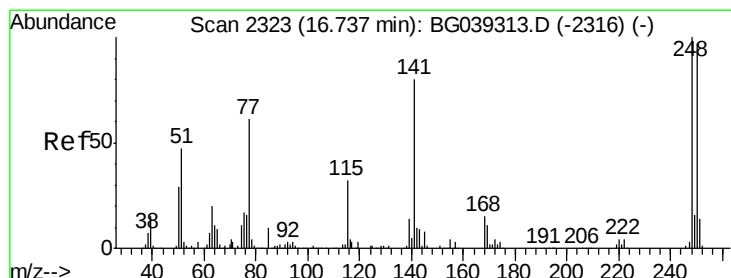
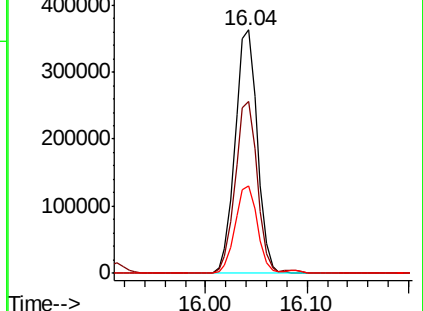
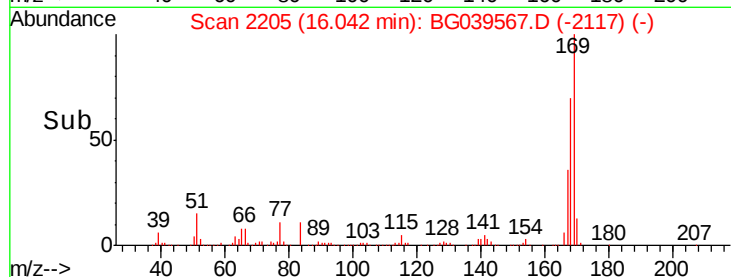
167 36.1 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 49.629 ng

RT: 16.72 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

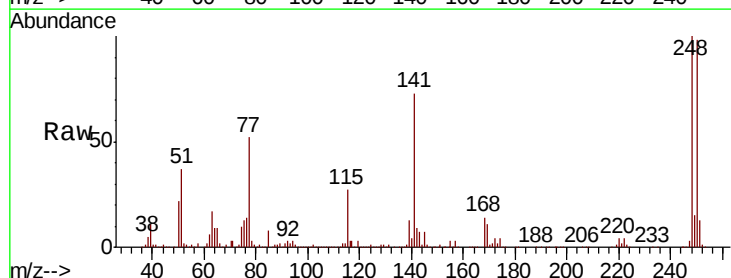
Tgt Ion:248 Resp: 211347

Ion Ratio Lower Upper

248 100

250 98.0 77.6 116.4

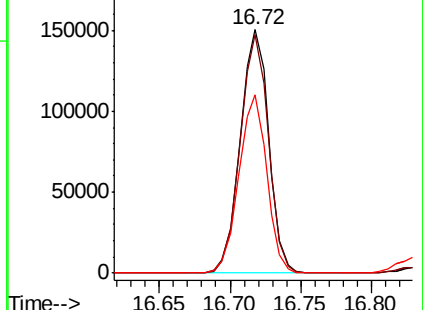
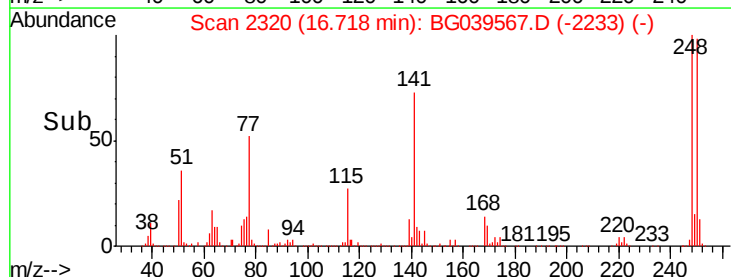
141 73.4 63.9 95.9

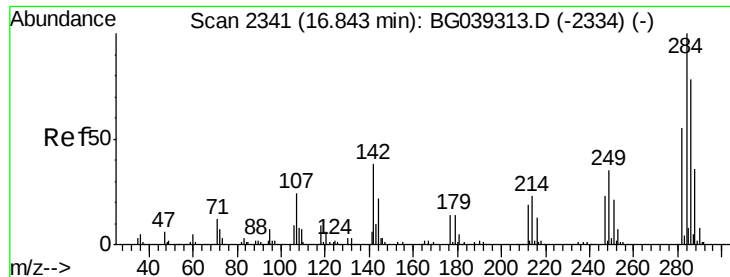


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 49.817 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

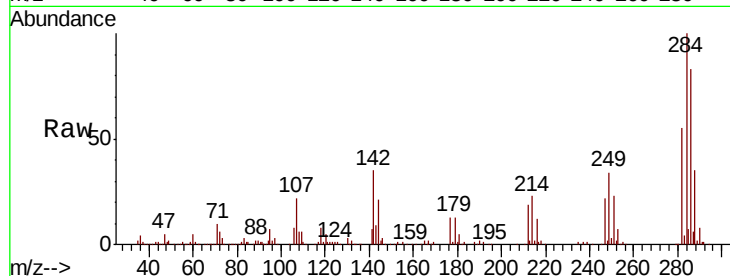
Tgt Ion:284 Resp: 212850

Ion Ratio Lower Upper

284 100

142 34.7 30.6 45.8

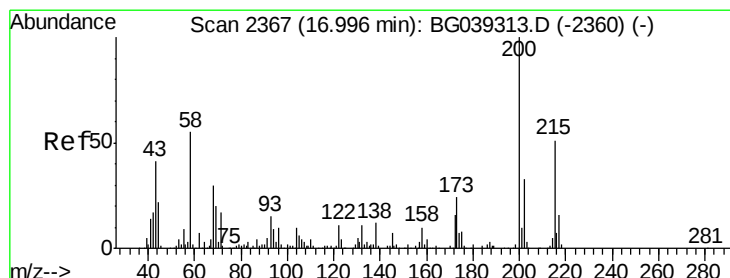
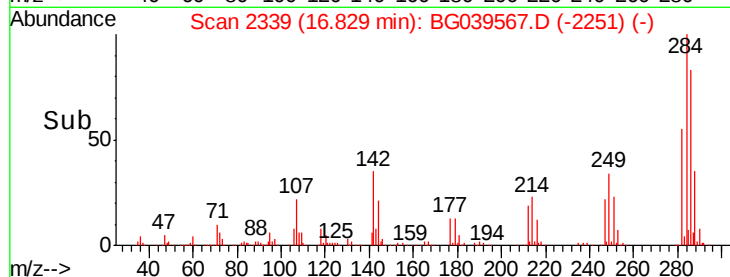
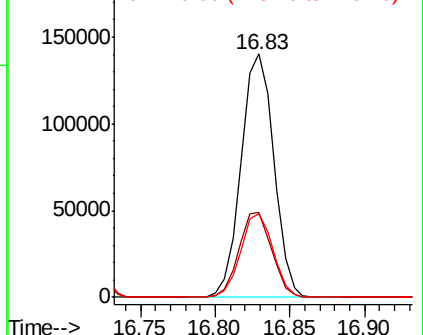
249 34.1 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 44.943 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

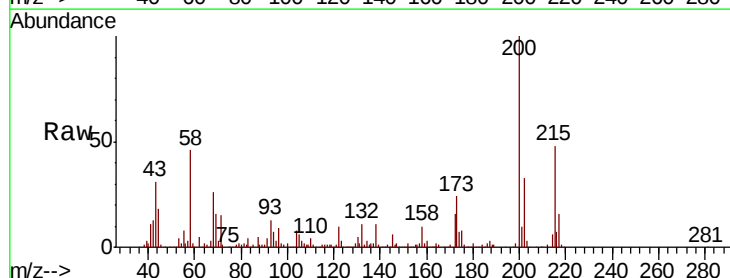
Tgt Ion:200 Resp: 191701

Ion Ratio Lower Upper

200 100

173 23.8 3.9 43.9

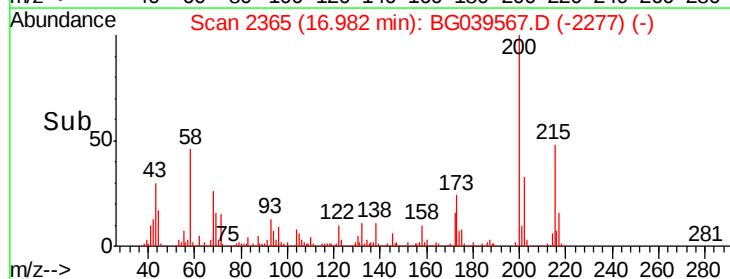
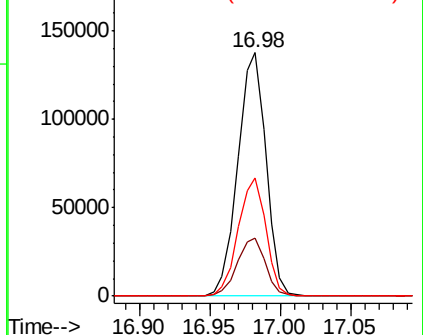
215 48.3 30.9 70.9

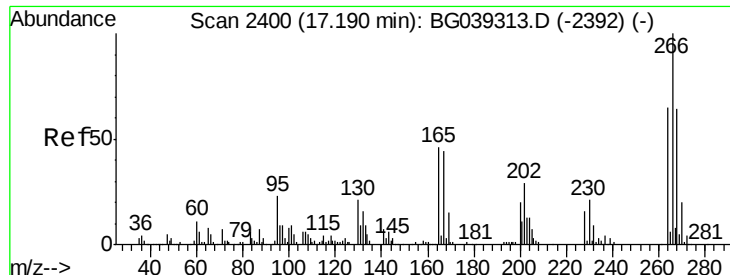


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

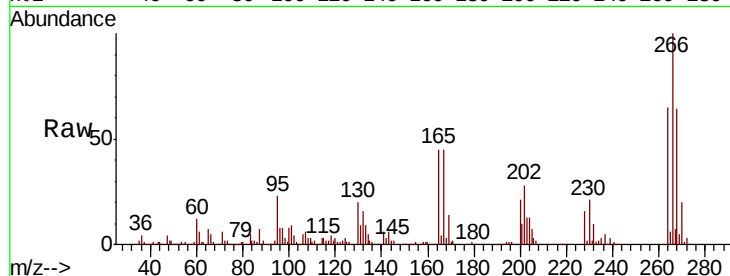




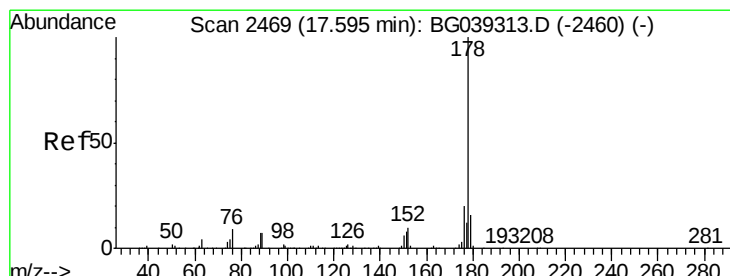
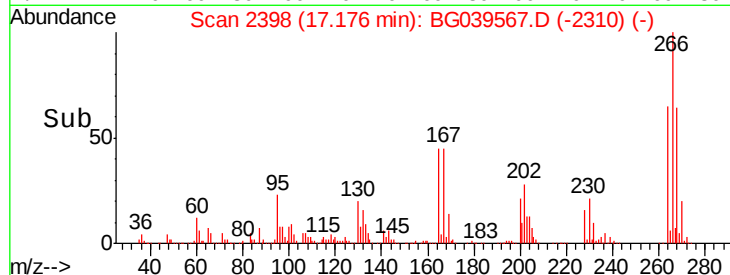
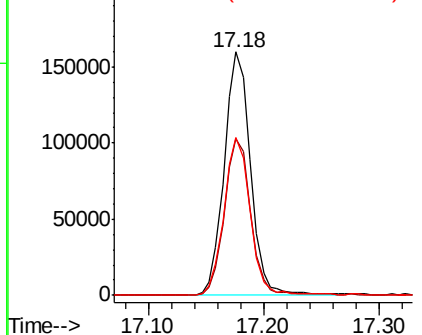
#70
 Pentachlorophenol
 Concen: 85.053 ng
 RT: 17.18 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

Tgt Ion:266 Resp: 252569
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.1 76.7
 264 65.0 52.1 78.1

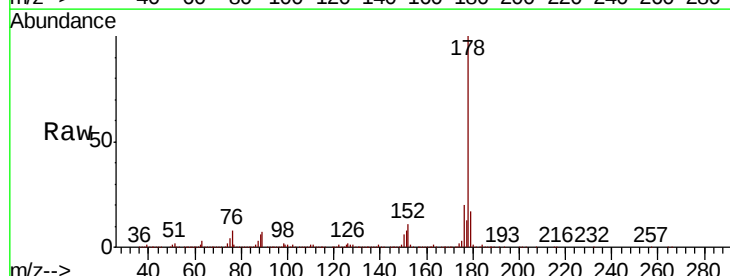


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

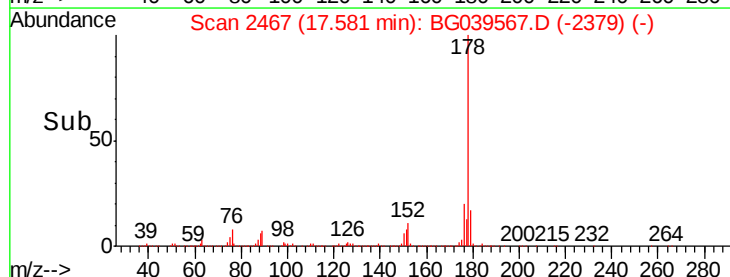
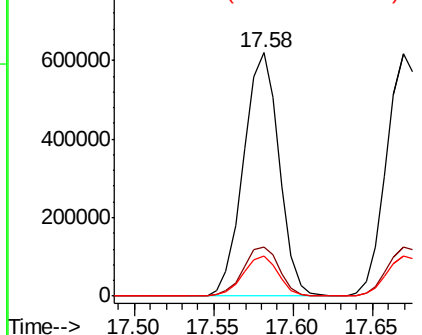


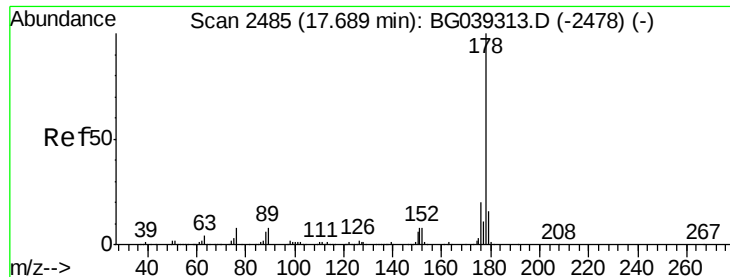
#71
 Phenanthrene
 Concen: 48.543 ng
 RT: 17.58 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Tgt Ion:178 Resp: 964433
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.4
 179 16.6 12.6 19.0



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





#72

Anthracene

Concen: 50.323 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.02 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

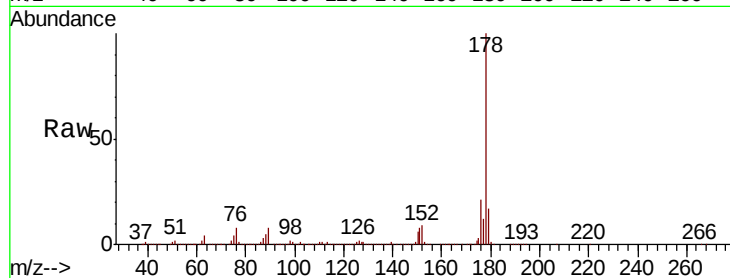
Tgt Ion:178 Resp: 984816

Ion Ratio Lower Upper

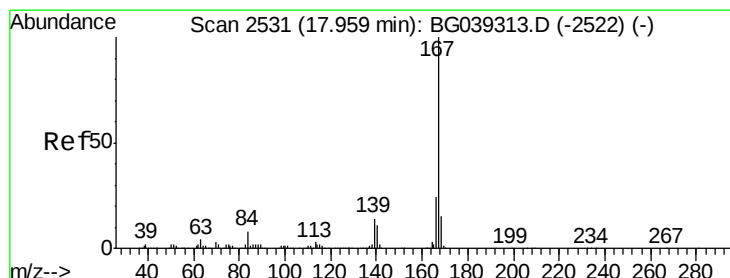
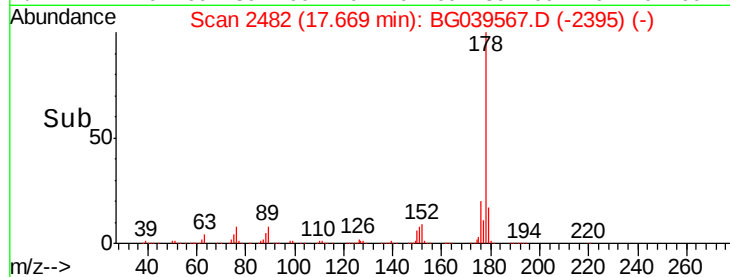
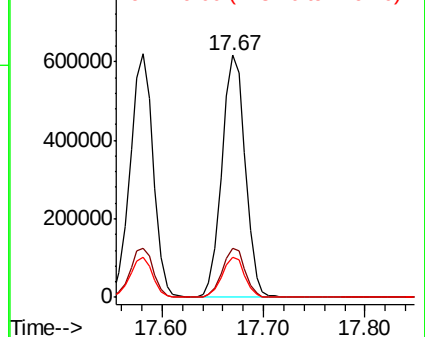
178 100

176 20.5 15.8 23.6

179 16.8 12.5 18.7



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



#73

Carbazole

Concen: 43.881 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

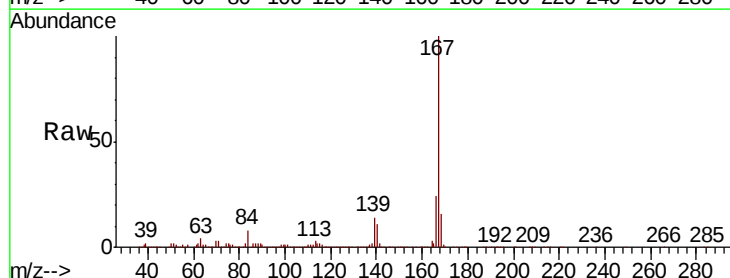
Tgt Ion:167 Resp: 857015

Ion Ratio Lower Upper

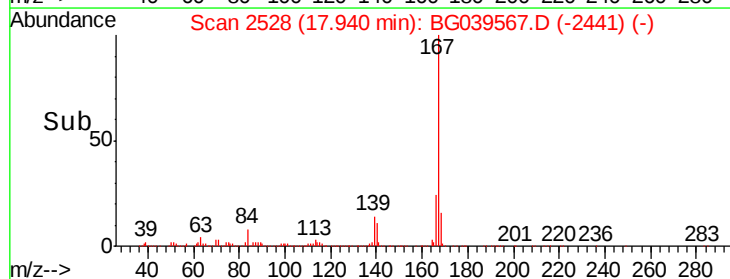
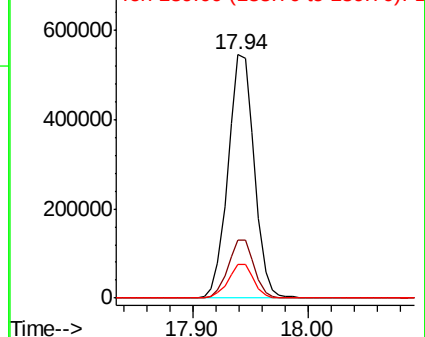
167 100

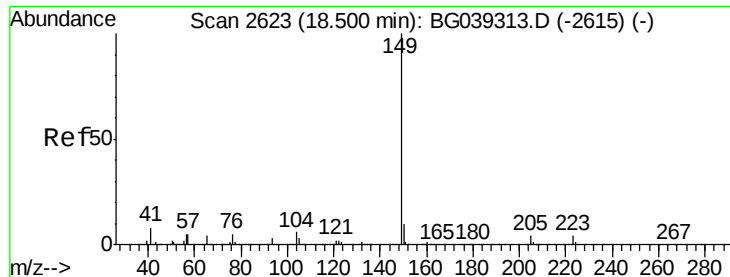
166 24.0 19.4 29.2

139 14.0 10.8 16.2



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





#74

Di-n-butylphthalate

Concen: 45.092 ng

RT: 18.47 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

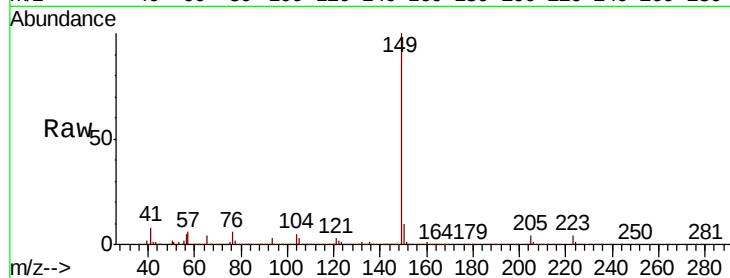
Tgt Ion:149 Resp: 1027412

Ion Ratio Lower Upper

149 100

150 10.4 7.7 11.5

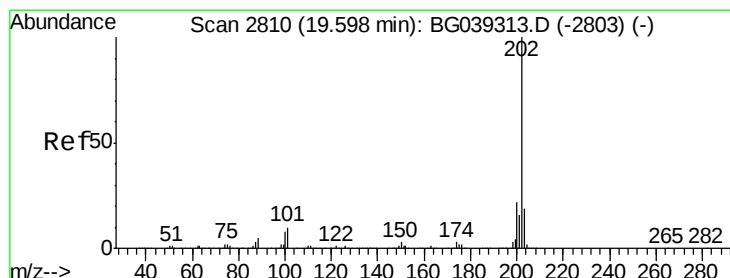
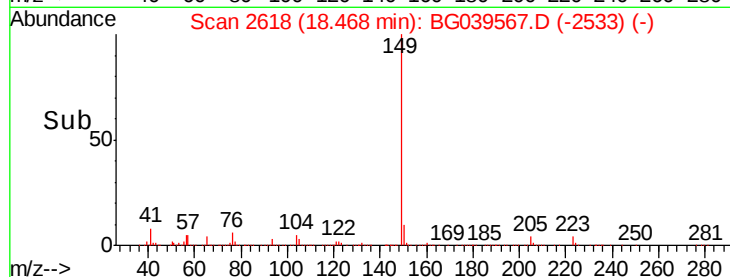
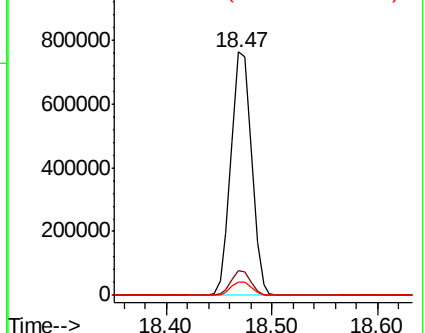
104 5.4 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 47.110 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

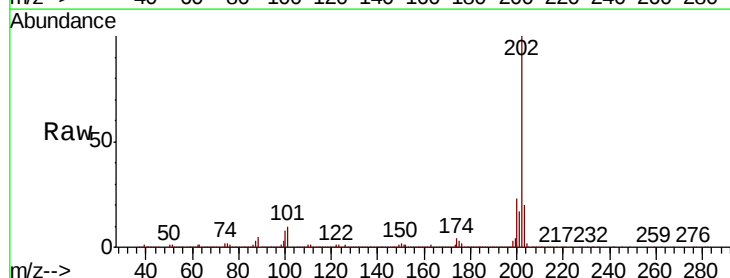
Tgt Ion:202 Resp: 1086359

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.0

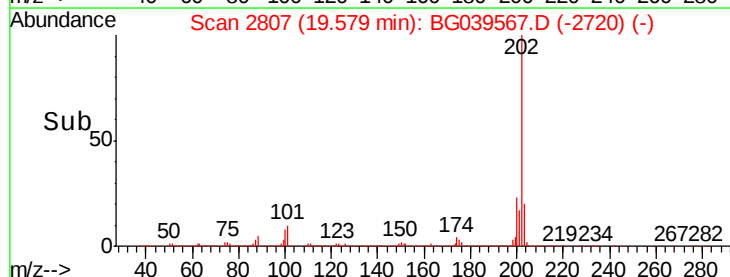
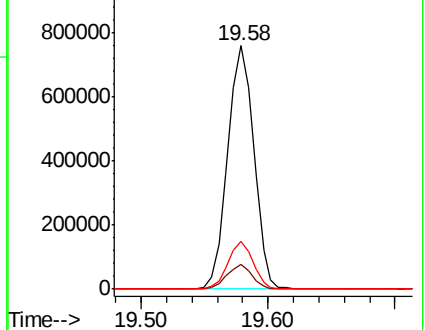
203 19.7 0.0 38.9

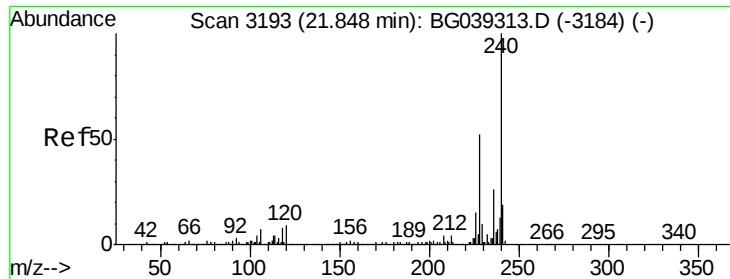


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

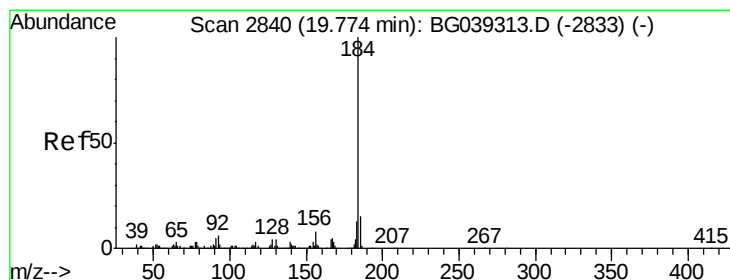
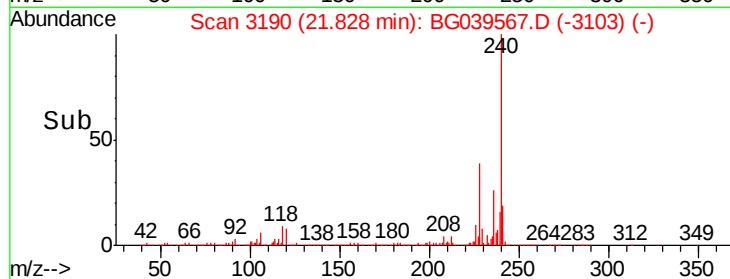
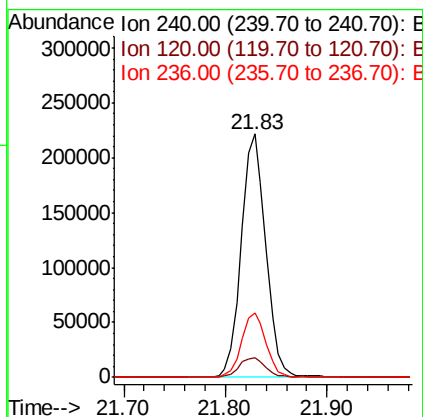
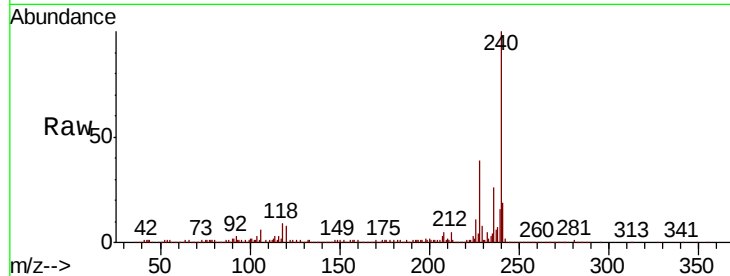




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3190
 Delta R.T. -0.02 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

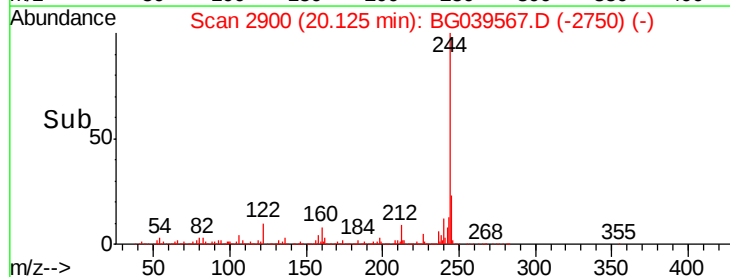
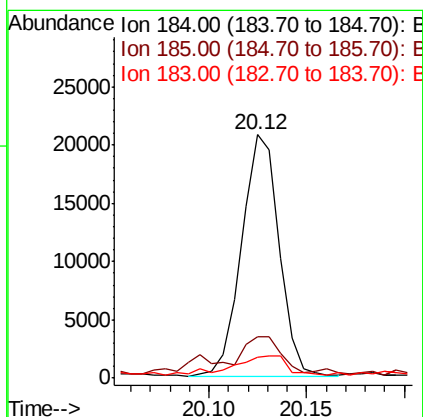
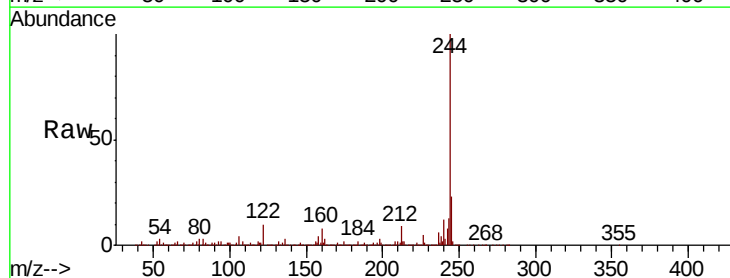
Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

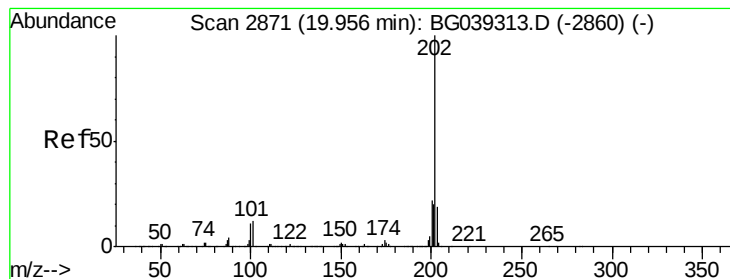
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	26.2	21.0	31.4



#77
 Benzidine
 Concen: 2.261 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. 0.35 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.2	18.2
183	8.7	10.6	15.8#





#78

Pyrene

Concen: 48.185 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

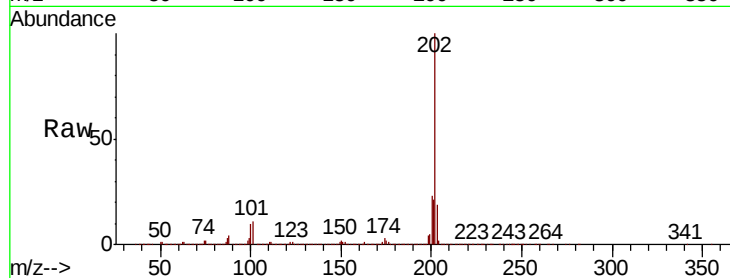
Tgt Ion:202 Resp: 1109797

Ion Ratio Lower Upper

202 100

200 23.4 17.8 26.8

203 19.3 15.3 22.9

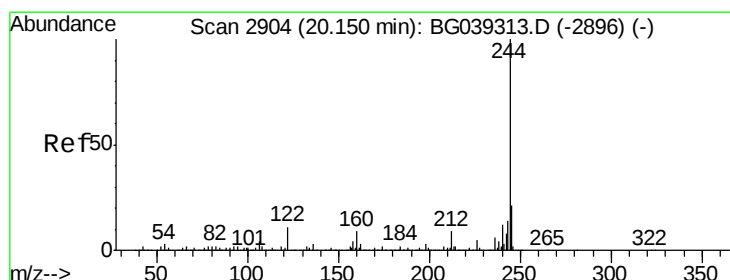
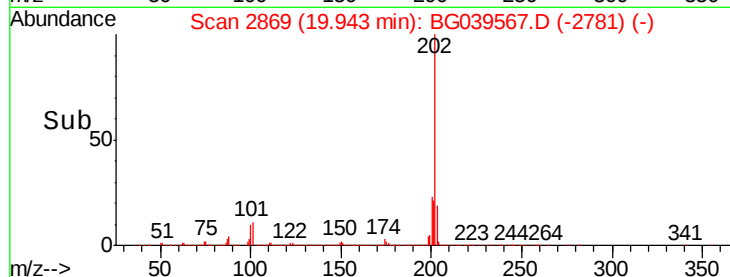
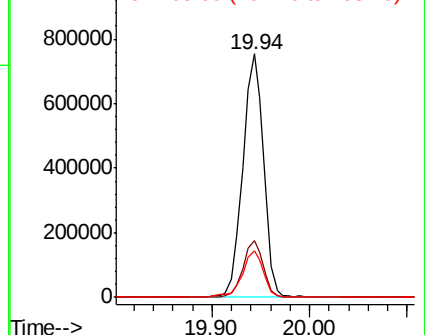


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 83.987 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

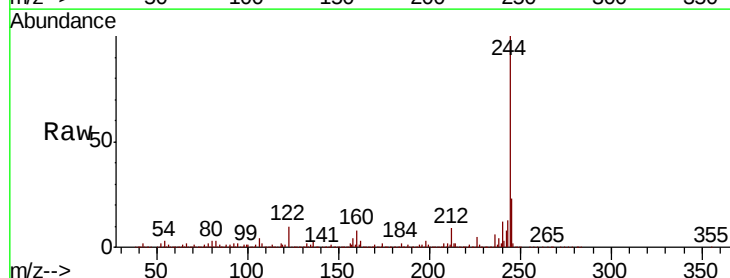
Tgt Ion:244 Resp: 1468004

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

122 10.1 8.4 12.6

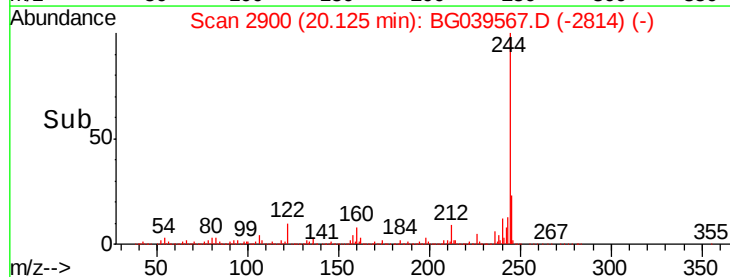
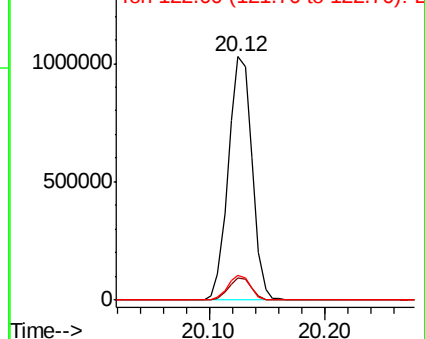


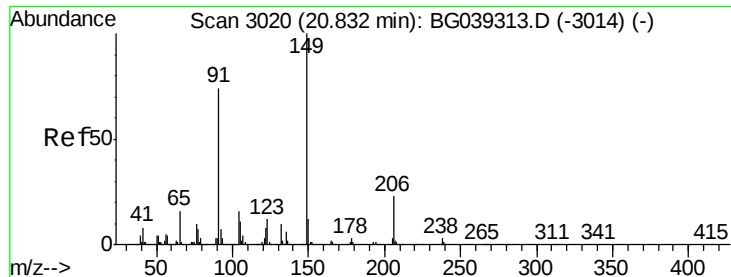
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

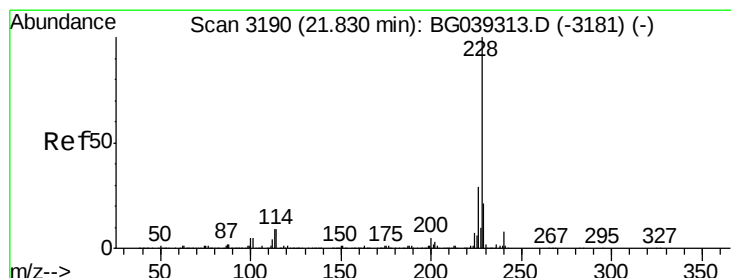
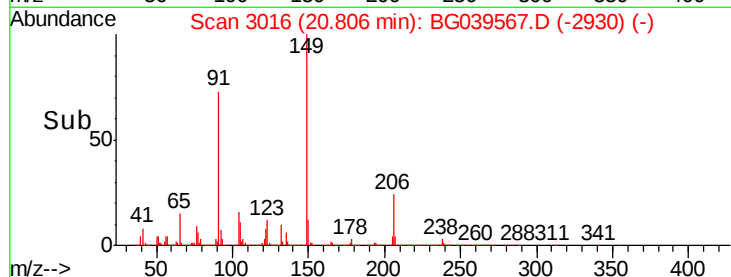
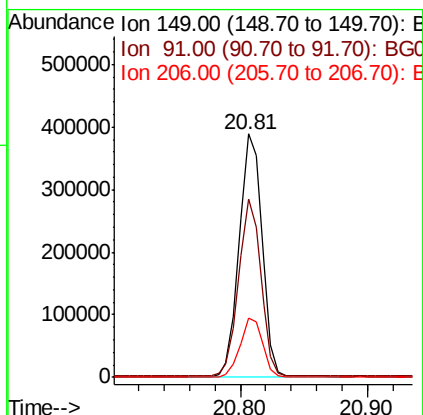
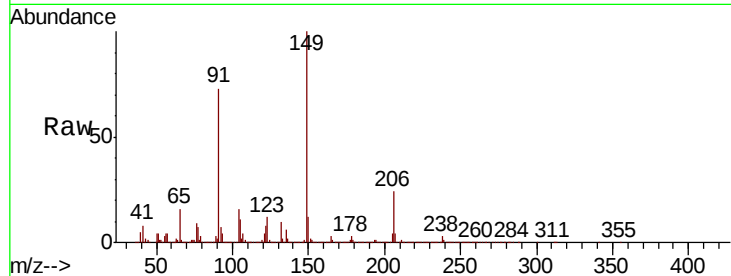




#80
Butylbenzylphthalate
Concen: 49.576 ng
RT: 20.81 min Scan# 3016
Delta R.T. -0.03 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

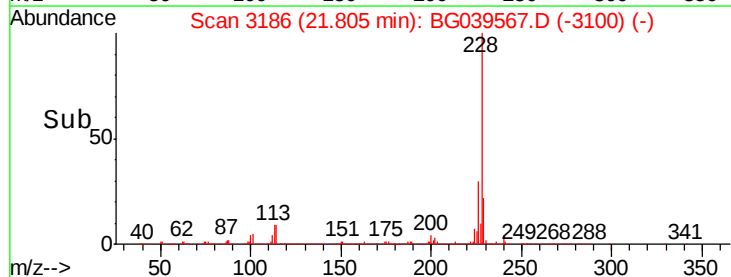
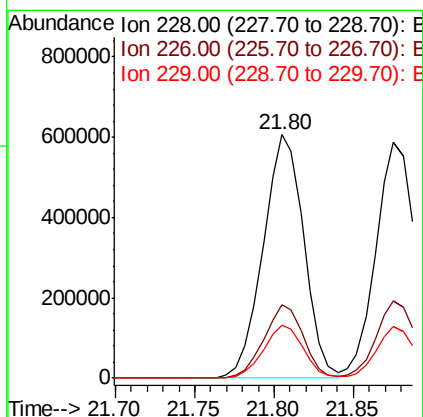
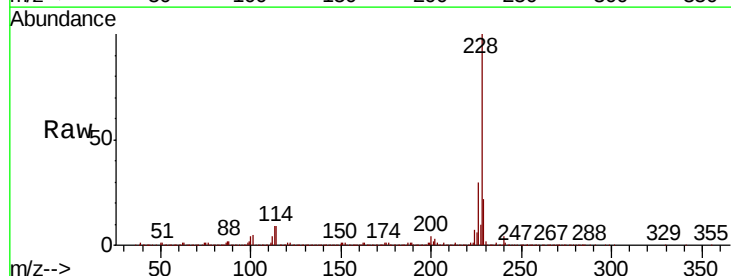
Instrument :
BNA_G
ClientSampleId :
MW-1MSD

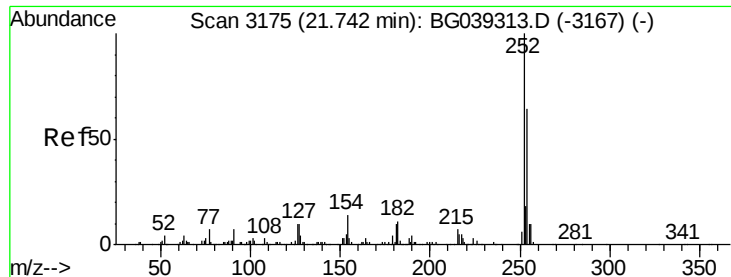
Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.3	59.5	89.3
206	24.4	18.6	27.8



#81
Benzo(a)anthracene
Concen: 49.336 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.0	34.6
229	21.7	16.9	25.3





#82

3,3'-Dichlorobenzidine

Concen: 6.049 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

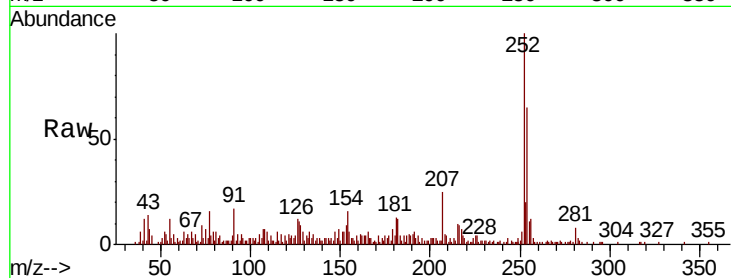
Tgt Ion:252 Resp: 49036

Ion Ratio Lower Upper

252 100

254 64.7 51.3 76.9

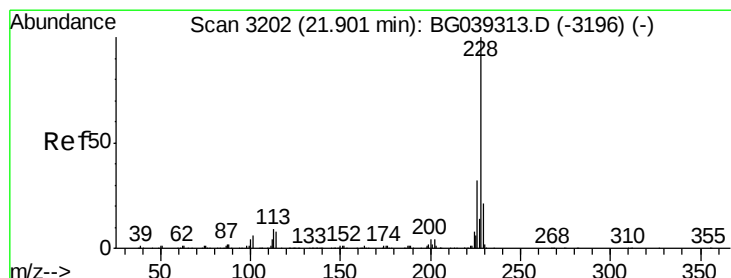
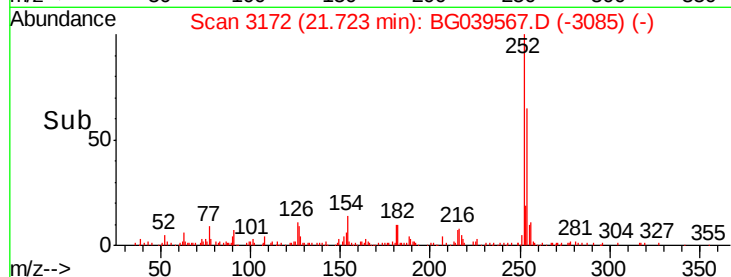
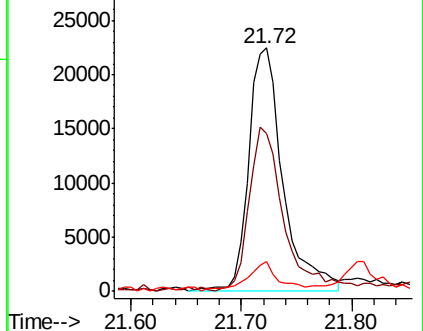
126 12.3 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 49.015 ng

RT: 21.88 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

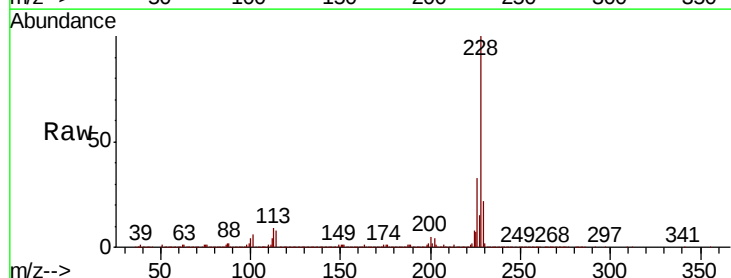
Tgt Ion:228 Resp: 1020042

Ion Ratio Lower Upper

228 100

226 33.0 25.8 38.6

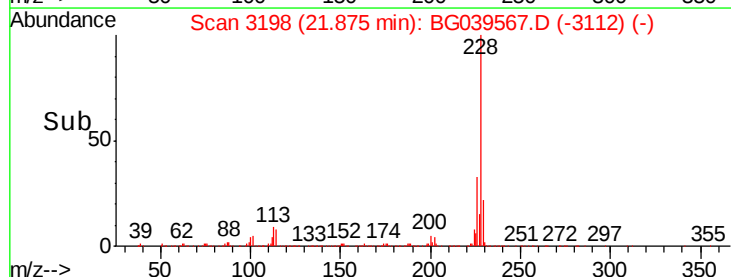
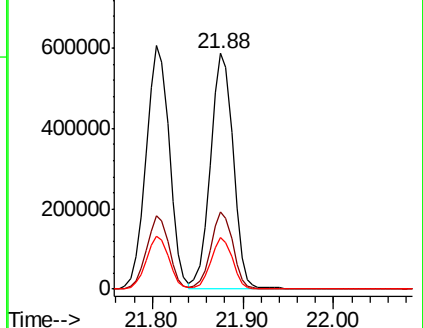
229 22.0 16.6 25.0

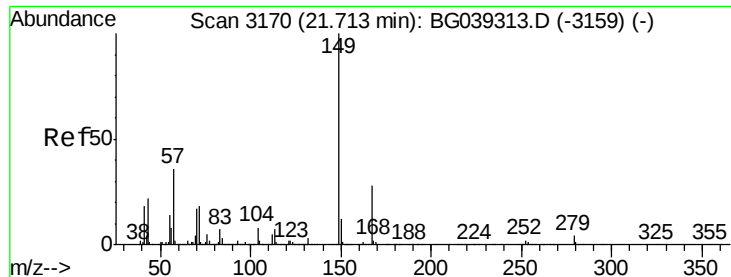


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 47.479 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

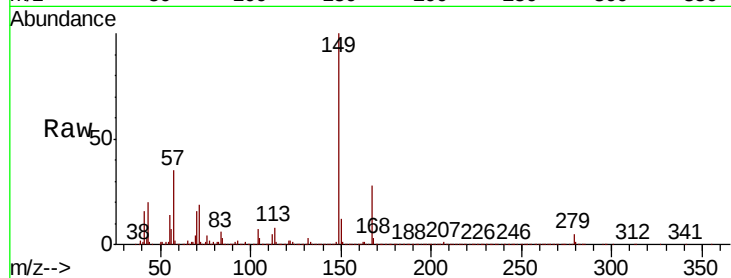
Tgt Ion:149 Resp: 658094

Ion Ratio Lower Upper

149 100

167 28.2 22.6 34.0

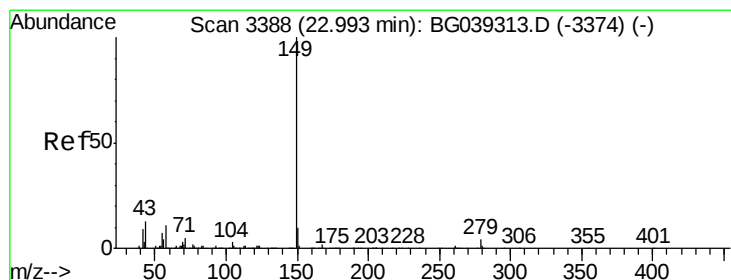
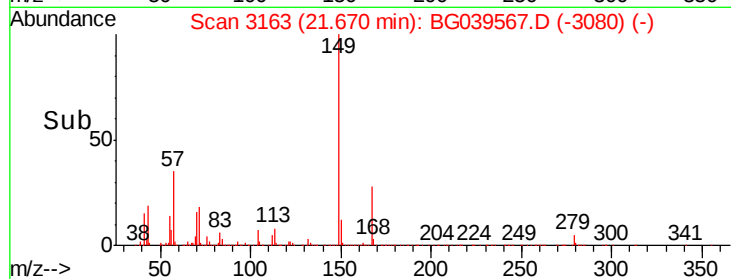
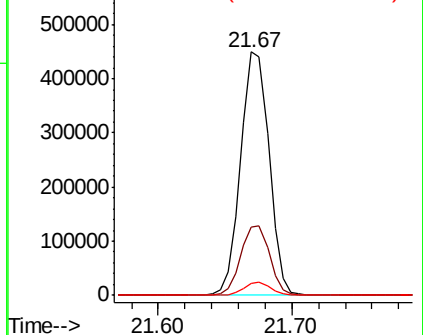
279 4.8 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 48.986 ng

RT: 22.93 min Scan# 3378

Delta R.T. -0.06 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

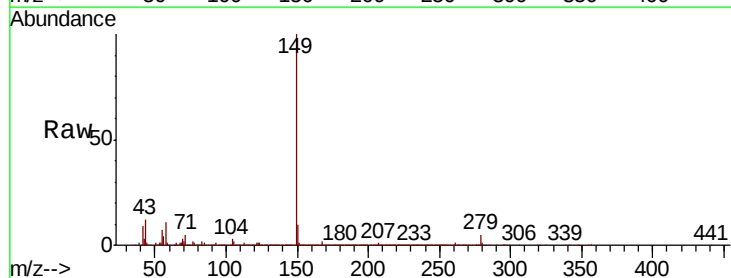
Tgt Ion:149 Resp: 1121751

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

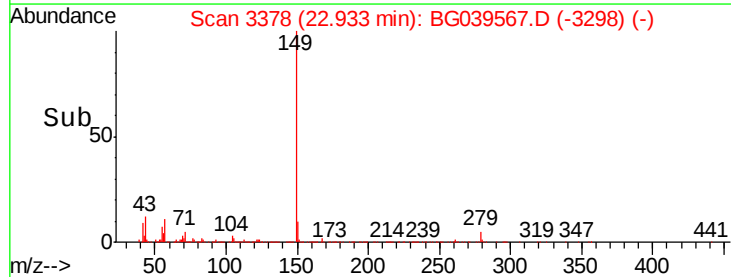
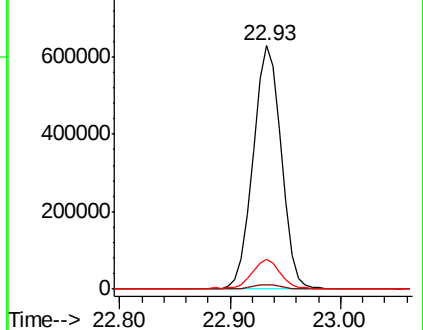
43 11.7 10.2 15.4

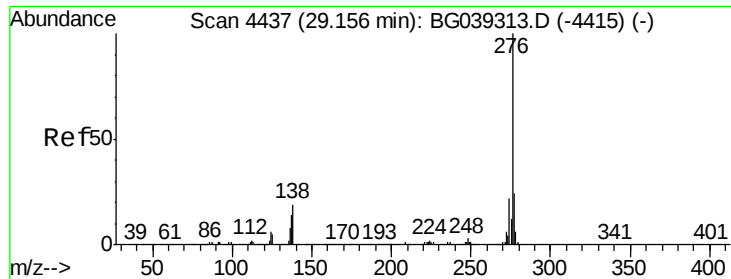


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

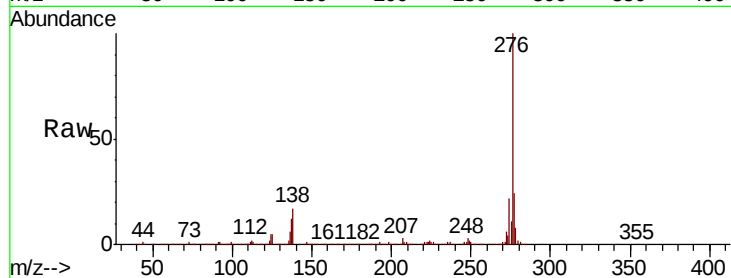




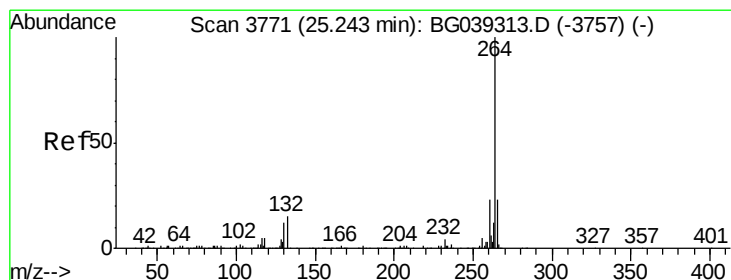
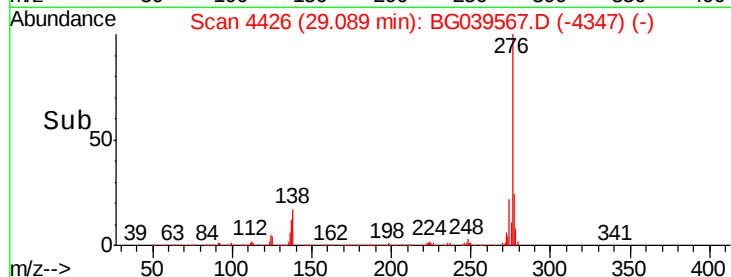
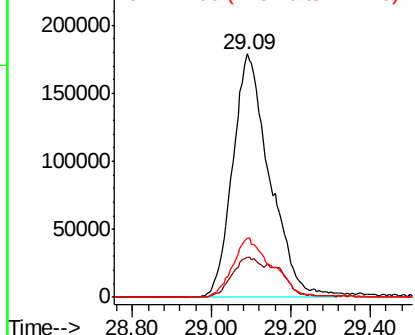
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 52.009 ng
 RT: 29.09 min Scan# 4426
 Delta R.T. -0.07 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

Tgt Ion:276 Resp: 1161281
 Ion Ratio Lower Upper
 276 100
 138 12.8 12.6 19.0
 277 25.9 20.8 31.2

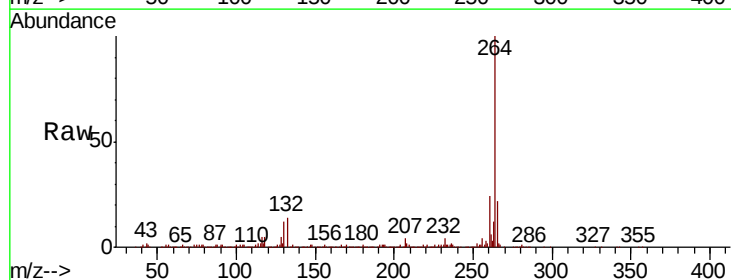


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

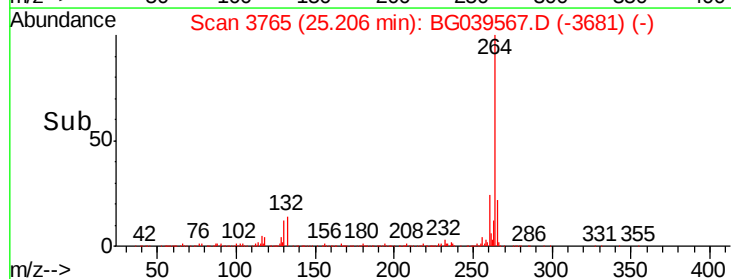
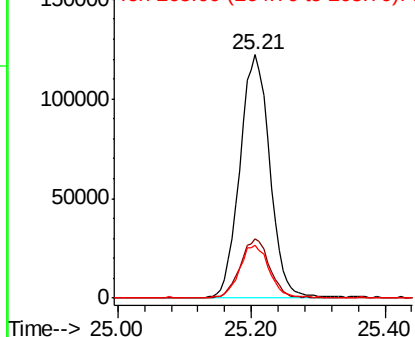


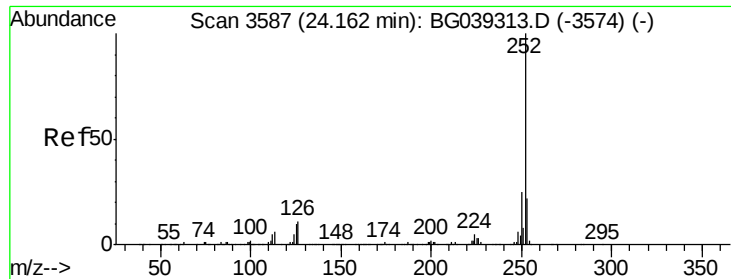
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3765
 Delta R.T. -0.04 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Tgt Ion:264 Resp: 377568
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.4
 265 22.0 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

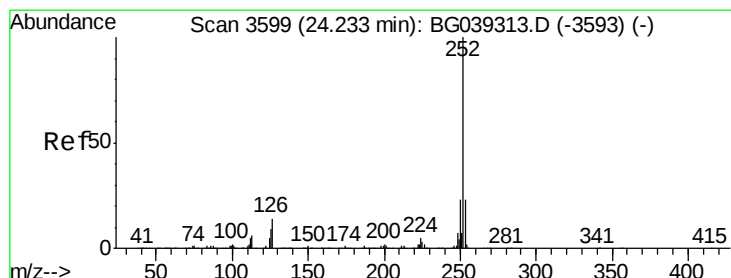
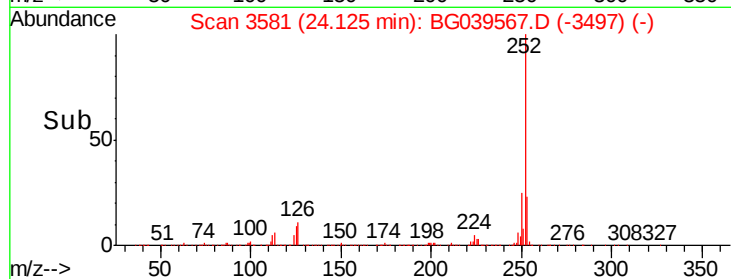
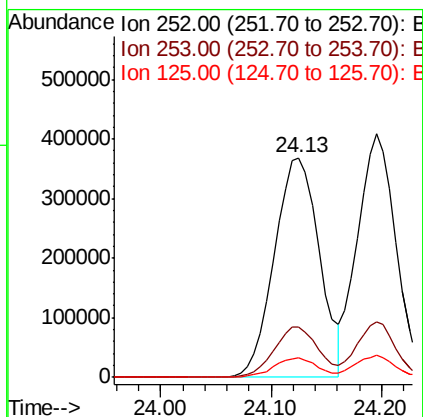
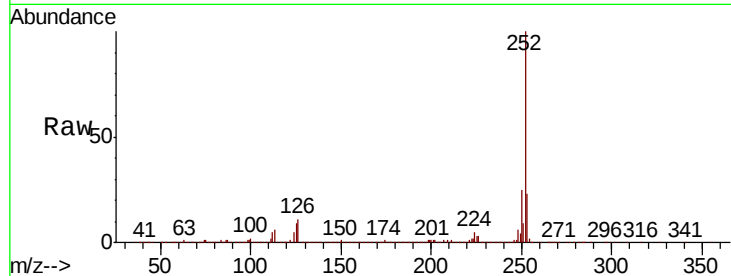




#88
Benzo(b)fluoranthene
Concen: 50.414 ng
RT: 24.13 min Scan# 3581
Delta R.T. -0.04 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

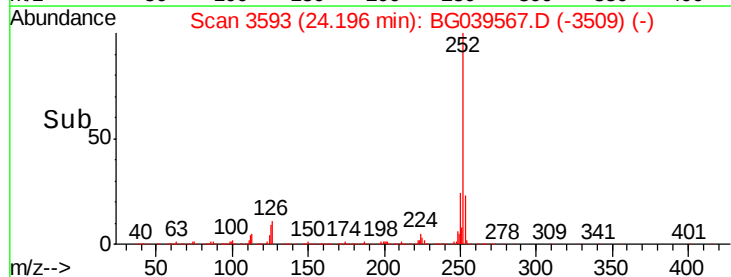
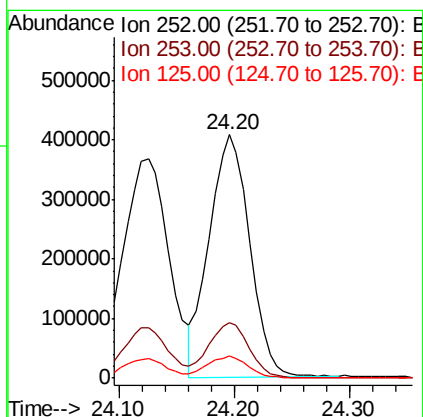
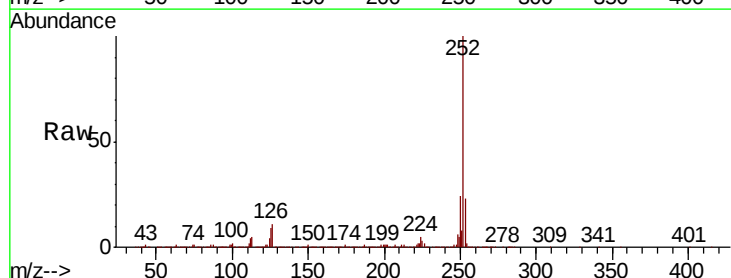
Instrument :
BNA_G
ClientSampleId :
MW-1MSD

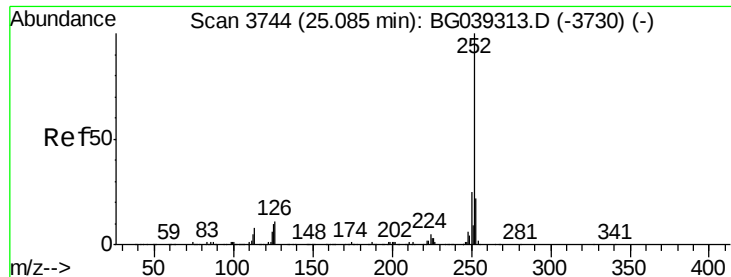
Tgt Ion:252 Resp: 1038062
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 8.8 7.8 11.6



#89
Benzo(k)fluoranthene
Concen: 47.893 ng
RT: 24.20 min Scan# 3593
Delta R.T. -0.04 min
Lab File: BG039567.D
Acq: 19 Feb 2019 23:01

Tgt Ion:252 Resp: 990085
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.1 7.4 11.2





#90

Benzo(a)pyrene

Concen: 50.874 ng

RT: 25.05 min Scan# 3738

Delta R.T. -0.04 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

Instrument :

BNA_G

ClientSampleId :

MW-1MSD

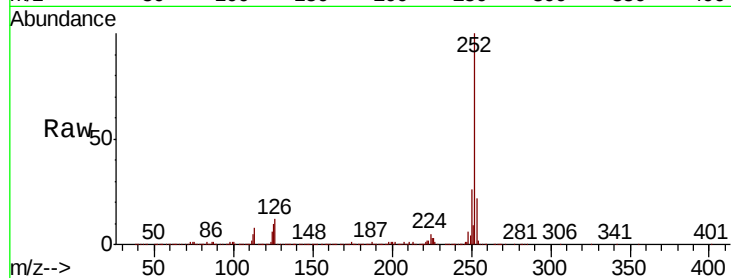
Tgt Ion:252 Resp: 1008862

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

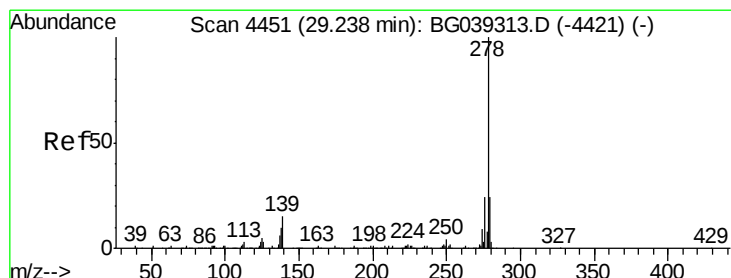
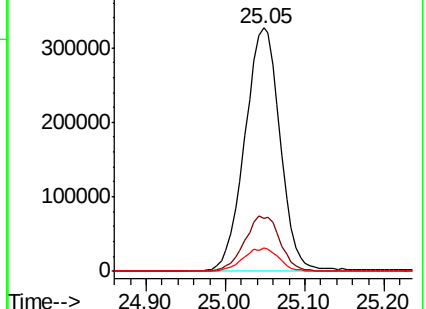
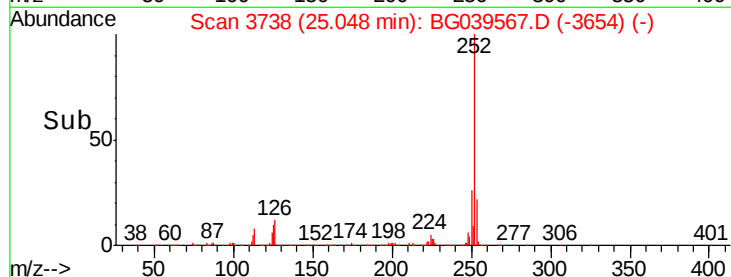
125 9.8 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 49.347 ng

RT: 29.17 min Scan# 4439

Delta R.T. -0.07 min

Lab File: BG039567.D

Acq: 19 Feb 2019 23:01

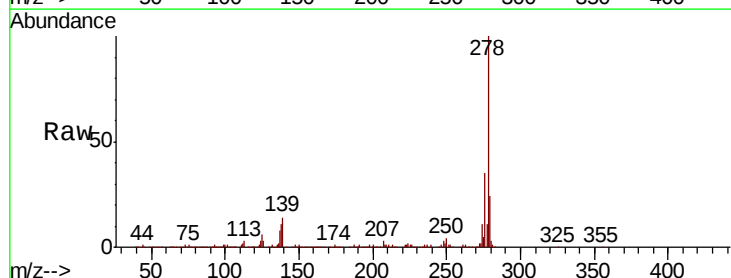
Tgt Ion:278 Resp: 916446

Ion Ratio Lower Upper

278 100

139 14.4 11.7 17.5

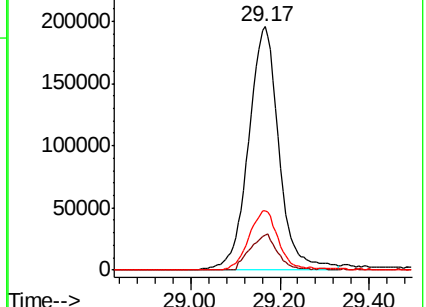
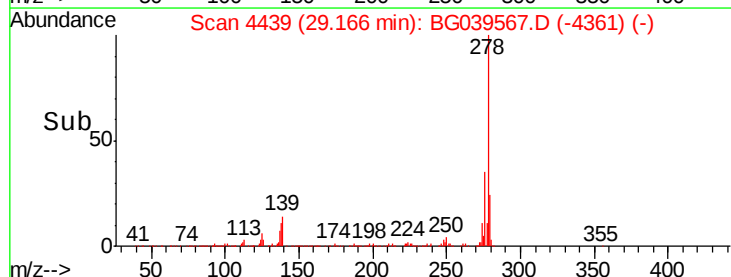
279 24.1 19.1 28.7

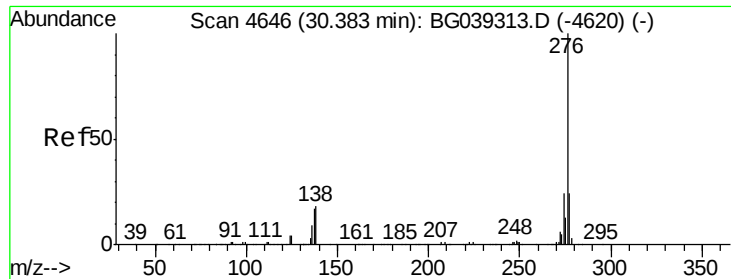


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(g,h,i)perylene
 Concen: 52.291 ng
 RT: 30.32 min Scan# 4635
 Delta R.T. -0.07 min
 Lab File: BG039567.D
 Acq: 19 Feb 2019 23:01

Instrument :
 BNA_G
 ClientSampleId :
 MW-1MSD

Tgt Ion:	276	Resp:	967927
Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	17.9	14.7	22.1

