

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
 Data File : BG040776.D
 Acq On : 7 May 2019 19:08
 Operator : HP/JU
 Sample : K2697-05MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MS

Quant Time: May 08 03:54:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43832	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	168998	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	126193	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	330124	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	320418	20.00	ng	-0.02
87) Perylene-d12	25.15	264	343563	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	224814	90.41	ng	-0.01
7) Phenol-d6	7.28	99	223206	58.30	ng	-0.01
23) Nitrobenzene-d5	9.32	82	477049	130.43	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	327684	188.92	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	1025625	117.38	ng	-0.02
79) Terphenyl-d14	20.11	244	1888498	130.57	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.55	88	26024	23.013 ng	89
3) Pyridine	3.95	79	102184	31.175 ng	94
4) n-Nitrosodimethylamine	3.87	42	40190	22.106 ng	95
6) Aniline	7.46	93	179020	35.278 ng	99
8) 2-Chlorophenol	7.70	128	136567	44.980 ng	95
9) Benzaldehyde	7.28	77	106208	49.203 ng	95
10) Phenol	7.31	94	80107	19.465 ng	98
11) bis(2-Chloroethyl)ether	7.56	93	156690	50.772 ng	96
12) 1,3-Dichlorobenzene	8.03	146	144687	43.660 ng	98
13) 1,4-Dichlorobenzene	8.18	146	150458	44.787 ng	99
14) 1,2-Dichlorobenzene	8.50	146	147150	45.419 ng	98
15) Benzyl Alcohol	8.38	79	130098	32.658 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	274810	44.726 ng	98
17) 2-Methylphenol	8.58	107	112164	38.511 ng	98
18) Hexachloroethane	9.23	117	52691	38.235 ng	94
19) n-Nitroso-di-n-propylamine	8.95	70	158621	46.025 ng	93
20) 3+4-Methylphenols	8.90	107	144243	35.551 ng	98
22) Acetophenone	8.97	105	289964	61.702 ng	# 95
24) Nitrobenzene	9.37	77	242308	62.093 ng	93
25) Isophorone	9.88	82	449360	55.156 ng	99
26) 2-Nitrophenol	10.08	139	92225	65.931 ng	99
27) 2,4-Dimethylphenol	10.11	122	142800	54.409 ng	98
28) bis(2-Chloroethoxy)methane	10.36	93	237349	58.067 ng	96
29) 2,4-Dichlorophenol	10.60	162	185331	62.113 ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	184070	55.630 ng	99
31) Naphthalene	11.02	128	509644	56.764 ng	100
32) Benzoic acid	10.11	122	142800	79.478 ng	# 15
33) 4-Chloroaniline	11.13	127	178253	44.778 ng	96
34) Hexachlorobutadiene	11.28	225	126281	51.695 ng	99
35) Caprolactam	11.91	113	11227	9.530 ng	93
36) 4-Chloro-3-methylphenol	12.22	107	214006	56.855 ng	97
37) 2-Methylnaphthalene	12.61	142	398836	59.413 ng	97
38) 1-Methylnaphthalene	12.83	142	383877	58.505 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	277365	59.001 ng	99

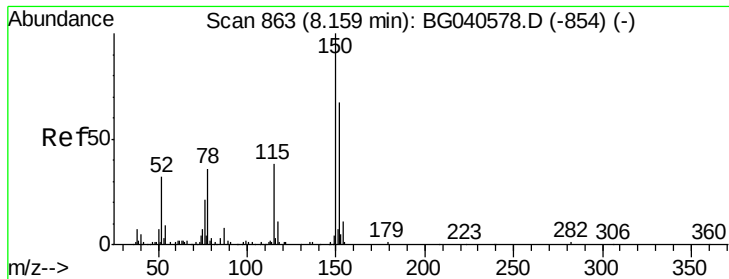
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
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 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	259030	93.379	nq	99
43) 2,4,6-Trichlorophenol	13.21	196	151847	53.451	nq	99
44) 2,4,5-Trichlorophenol	13.28	196	194064	62.709	nq	98
46) 1,1'-Biphenyl	13.61	154	553548	56.498	nq	97
47) 2-Chloronaphthalene	13.66	162	452997	59.079	nq	98
48) 2-Nitroaniline	13.86	65	188370	69.016	nq	97
49) Acenaphthylene	14.50	152	729406	56.069	nq	98
50) Dimethylphthalate	14.22	163	638717	60.494	nq	100
51) 2,6-Dinitrotoluene	14.35	165	139395	67.646	nq	97
52) Acenaphthene	14.84	154	427607	56.443	nq	96
53) 3-Nitroaniline	14.68	138	119345	56.525	nq	93
54) 2,4-Dinitrophenol	14.89	184	65	7.066	nq	# 32
55) Dibenzofuran	15.17	168	752350	60.630	nq	99
56) 4-Nitrophenol	14.96	139	19736	10.780	nq	# 84
57) 2,4-Dinitrotoluene	15.13	165	205765	73.485	nq	# 90
58) Fluorene	15.82	166	602480	60.070	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	141331	45.373	nq	97
60) Diethylphthalate	15.57	149	675130	60.605	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	376789	64.593	nq	97
62) 4-Nitroaniline	15.84	138	139930	59.246	nq	92
63) Azobenzene	16.10	77	645401	56.257	nq	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	5093	9.769	nq	89
66) n-Nitrosodiphenylamine	16.02	169	566609	58.338	nq	98
67) 4-Bromophenyl-phenylether	16.70	248	253331	61.595	nq	93
68) Hexachlorobenzene	16.81	284	262501	61.725	nq	96
69) Atrazine	16.96	200	243221	63.206	nq	96
70) Pentachlorophenol	17.15	266	119844	48.158	nq	98
71) Phenanthrene	17.56	178	1043890	58.707	nq	98
72) Anthracene	17.65	178	1059335	59.270	nq	99
73) Carbazole	17.92	167	932335	57.255	nq	98
74) Di-n-butylphthalate	18.46	149	1109007	56.425	nq	100
75) Fluoranthene	19.56	202	1314375	59.317	nq	98
77) Benzidine	19.74	184	487584	55.577	nq	98
78) Pyrene	19.93	202	1323203	65.889	nq	98
80) Butylbenzylphthalate	20.79	149	512594	65.489	nq	94
81) Benzo(a)anthracene	21.78	228	1277212	63.070	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	385083	53.351	nq	99
83) Chrysene	21.85	228	1268599	65.871	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	715704	63.344	nq	96
85) Di-n-octyl phthalate	22.91	149	1203394	63.242	nq	97
86) Indeno(1,2,3-cd)pyrene	29.01	276	1365441	58.640	nq	# 88
88) Benzo(b)fluoranthene	24.09	252	1304842	62.151	nq	99
89) Benzo(k)fluoranthene	24.16	252	1311650	66.897	nq	98
90) Benzo(a)pyrene	25.00	252	1276916	64.253	nq	99
91) Dibenzo(a,h)anthracene	29.07	278	1088380	54.119	nq	99
92) Benzo(g,h,i)perylene	30.23	276	1088534	54.385	nq	97

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

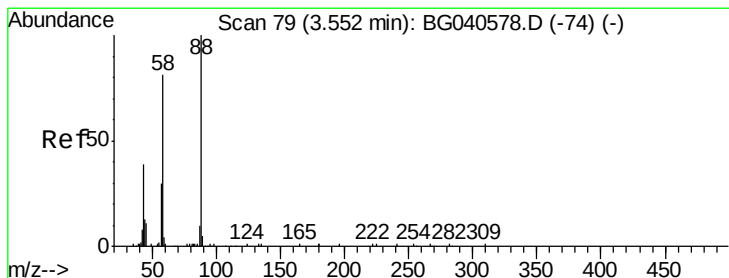
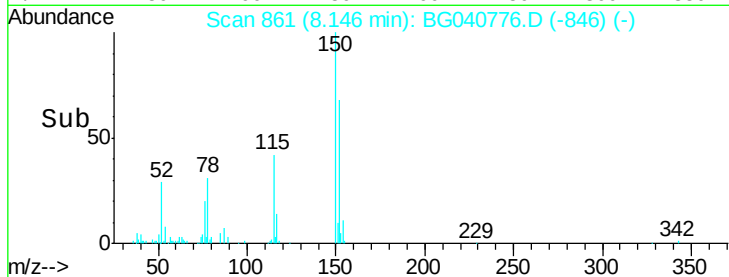
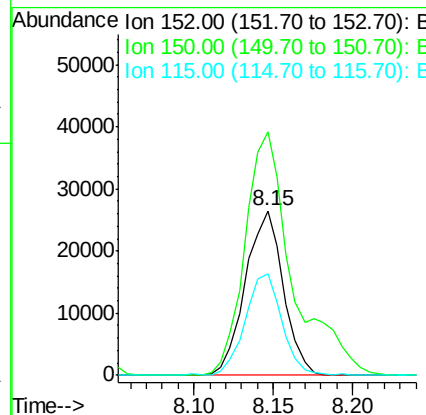
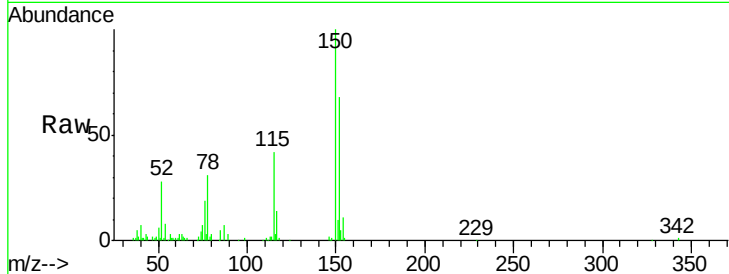


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MS

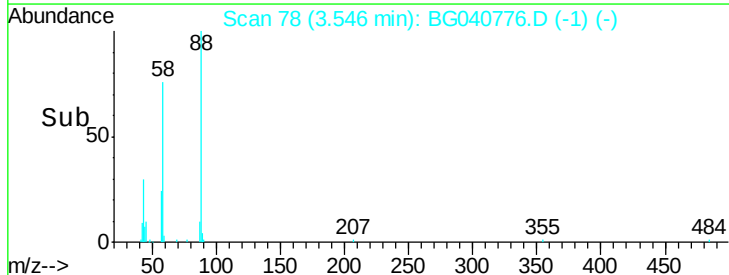
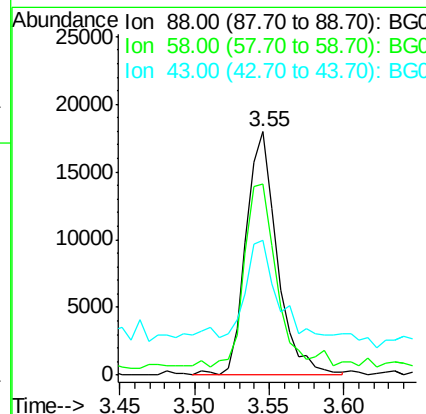
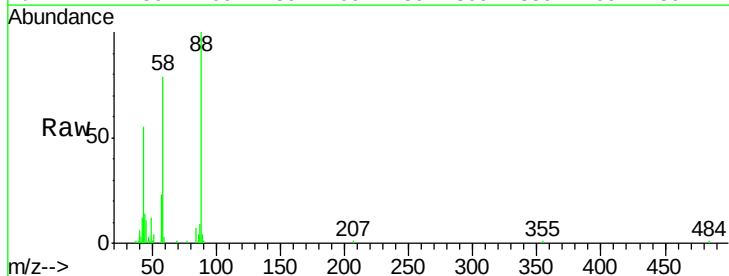
Tot Ion:152 Resp: 43832
Ion Ratio Lower Upper
152 100
150 147.9 120.2 180.2
115 61.5 46.2 69.2

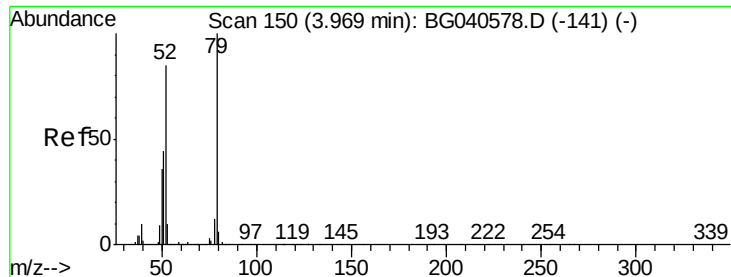


#2

1,4-Dioxane
Concen: 23.013 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Tgt Ion: 88 Resp: 26024
Ion Ratio Lower Upper
88 100
58 78.0 71.2 106.8
43 38.5 35.6 53.4





#3

Pvridine

Concen: 31.175 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

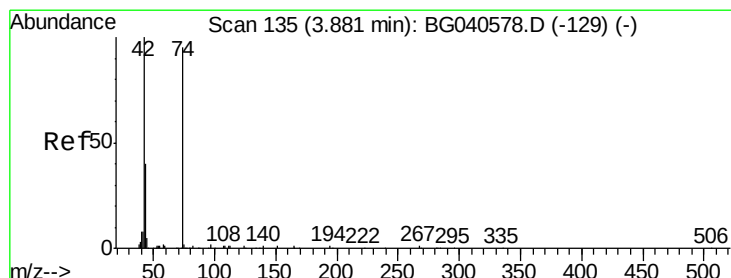
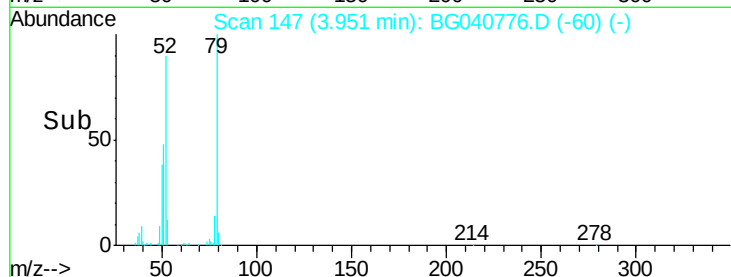
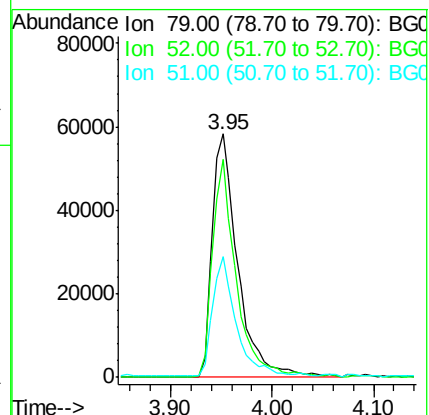
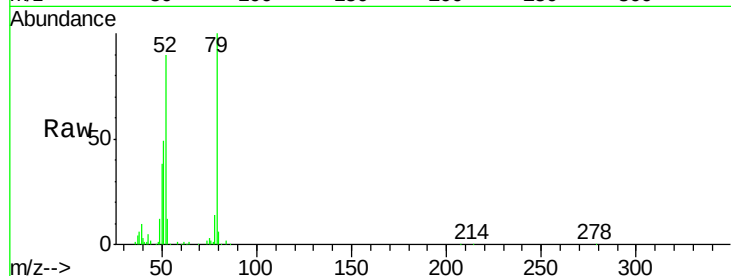
Tot Ion: 79 Resp: 102184

Ion Ratio Lower Upper

79 100

52 89.5 67.5 101.3

51 49.4 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 22.106 ng

RT: 3.87 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

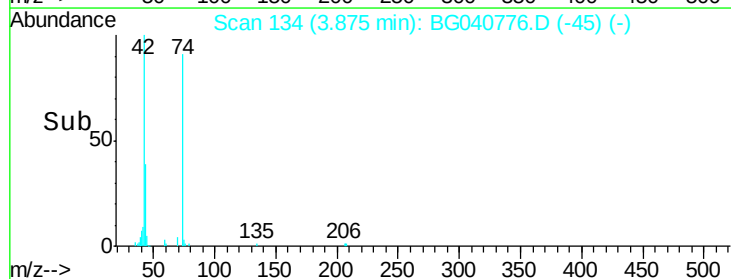
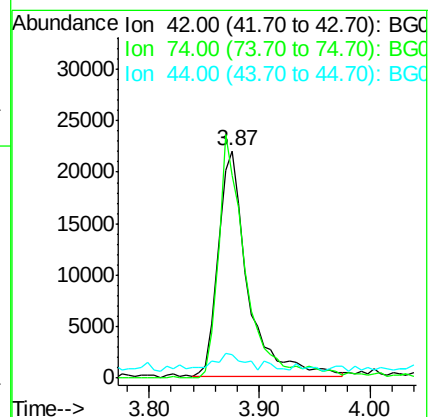
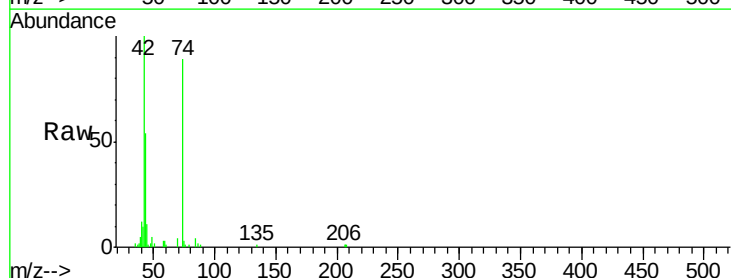
Tgt Ion: 42 Resp: 40190

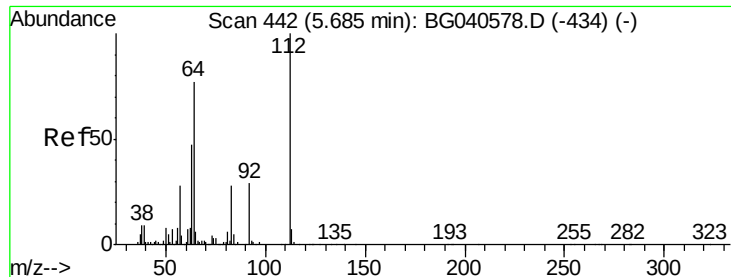
Ion Ratio Lower Upper

42 100

74 88.8 74.6 111.8

44 10.5 7.4 11.0





#5

2-Fluorophenol

Concen: 90.412 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

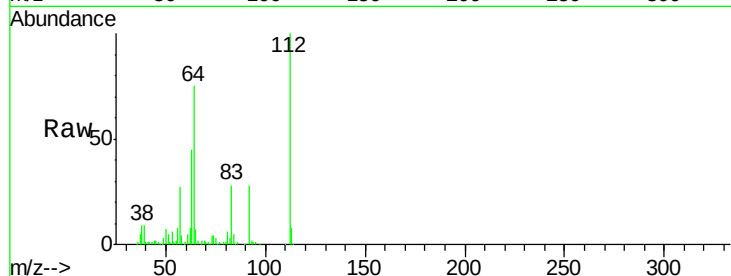
Tot Ion:112 Resp: 224814

Ion Ratio Lower Upper

112 100

64 75.3 61.4 92.0

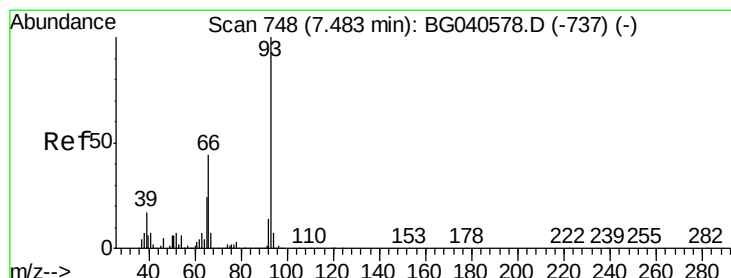
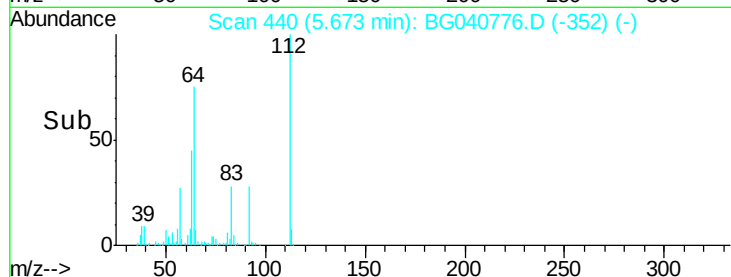
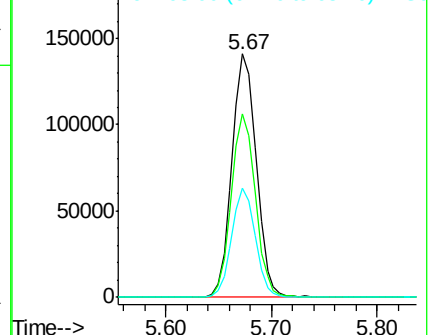
63 44.8 37.8 56.6



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: 35.278 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

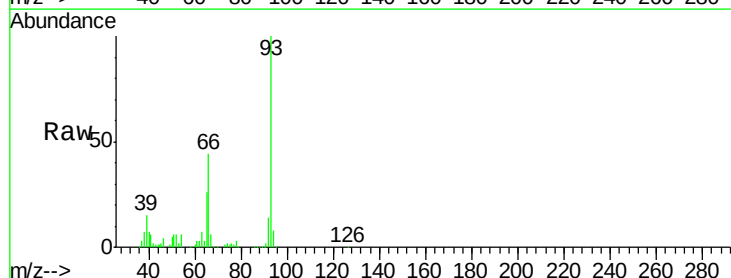
Tgt Ion: 93 Resp: 179020

Ion Ratio Lower Upper

93 100

66 44.4 35.5 53.3

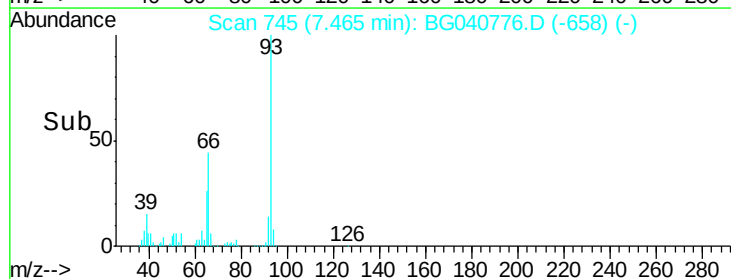
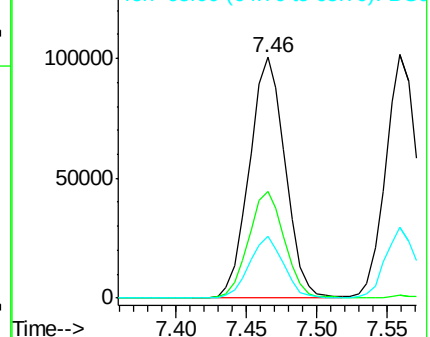
65 25.8 19.2 28.8

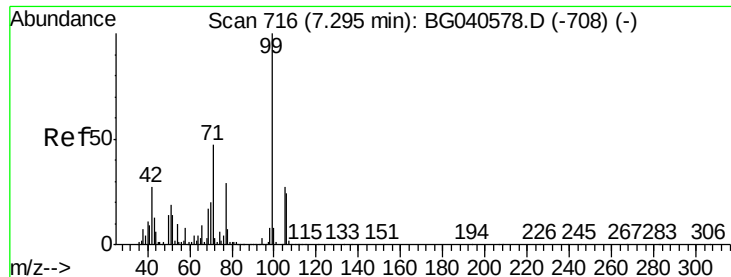


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 58.300 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

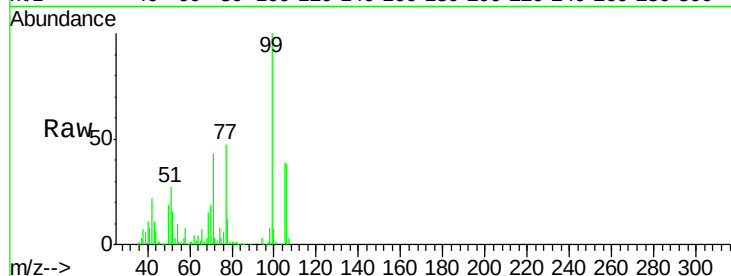
BNA_G

ClientSampleId :

MW-4-20190502MS

Tot Ion: 99 Resp: 223206

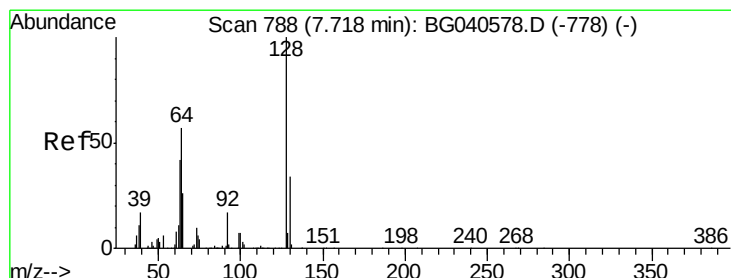
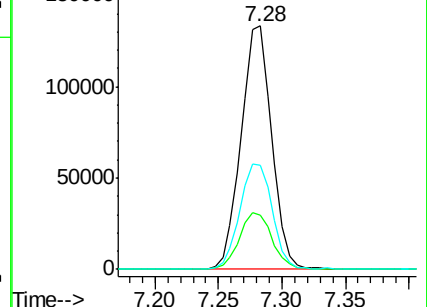
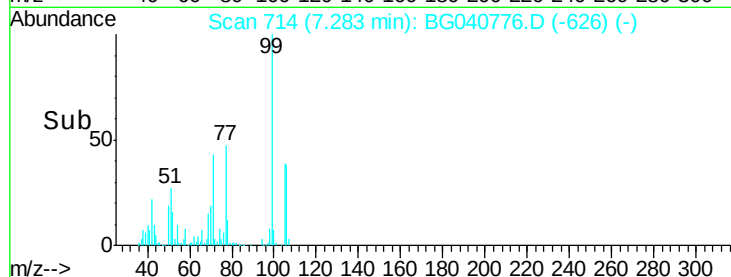
Ion	Ratio	Lower	Upper
99	100		
42	22.2	21.8	32.8
71	42.5	38.6	57.8



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: 44.980 ng

RT: 7.70 min Scan# 785

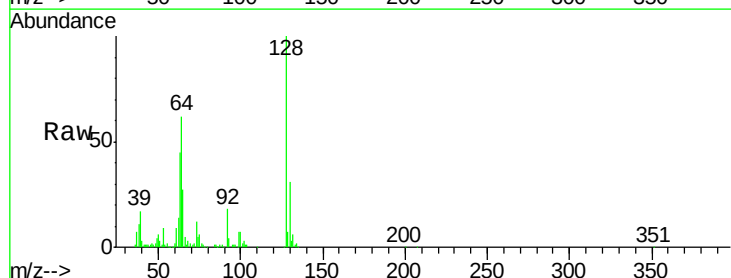
Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Tgt Ion: 128 Resp: 136567

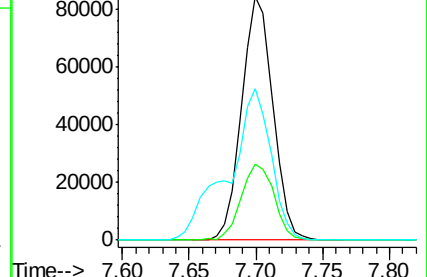
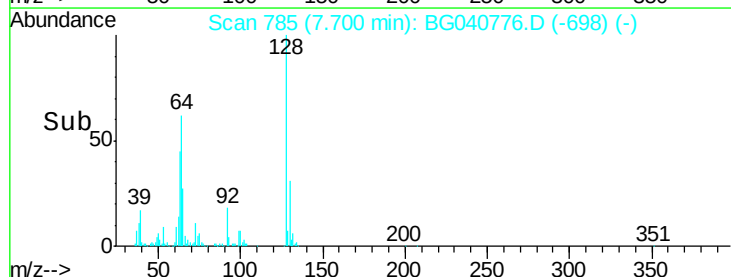
Ion	Ratio	Lower	Upper
128	100		
130	31.4	14.5	54.5
64	62.2	38.4	78.4

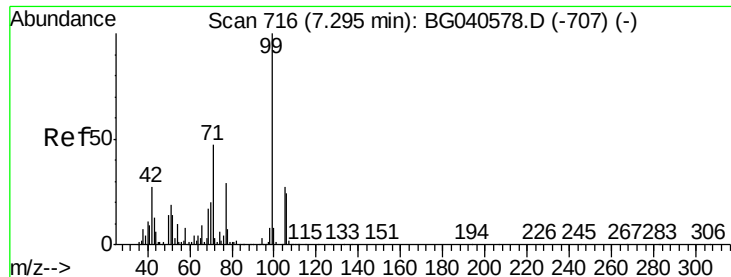


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 49.203 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

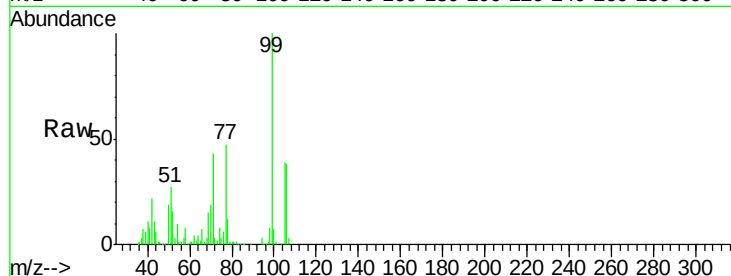
Tot Ion: 77 Resp: 106208

Ion Ratio Lower Upper

77 100

105 83.0 72.0 112.0

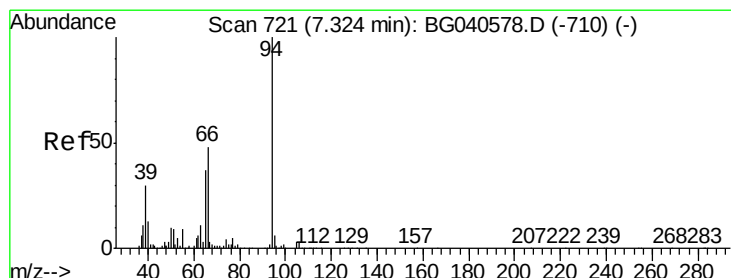
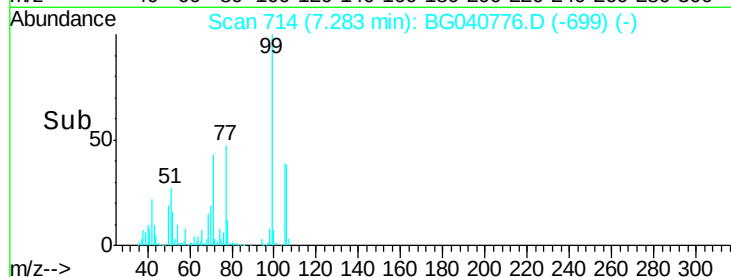
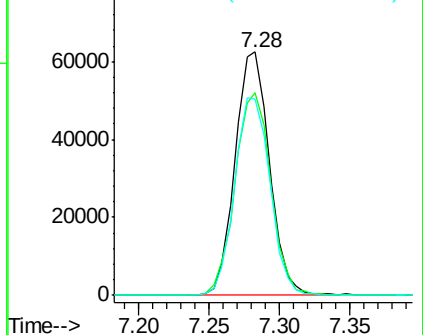
106 80.4 61.2 101.2



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: 19.465 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

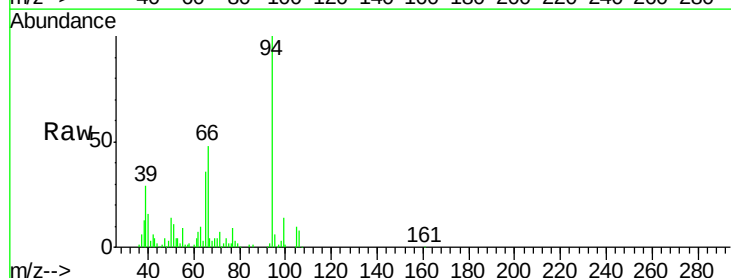
Tgt Ion: 94 Resp: 80107

Ion Ratio Lower Upper

94 100

65 35.8 17.0 57.0

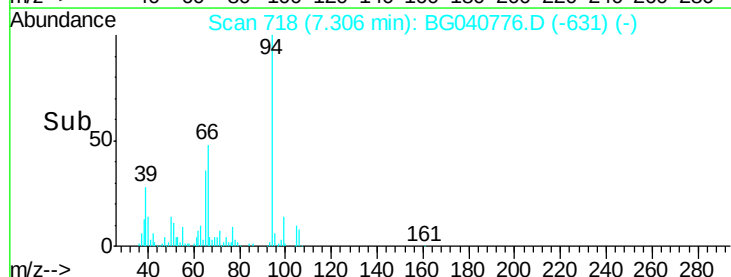
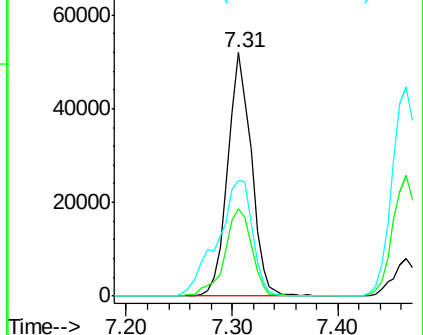
66 47.7 28.6 68.6

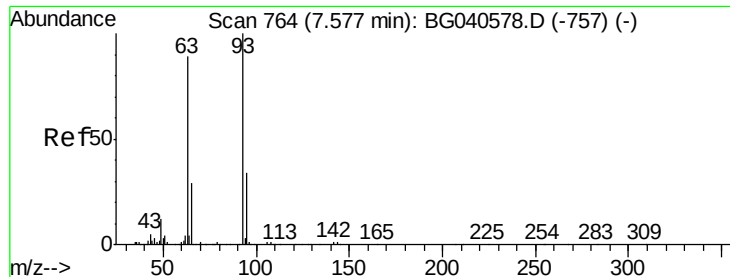


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

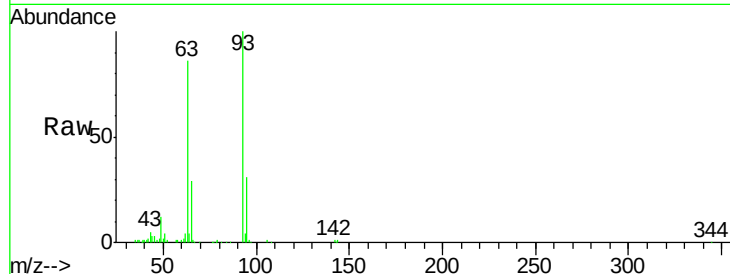




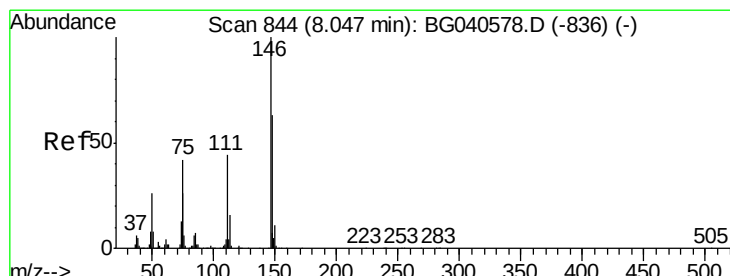
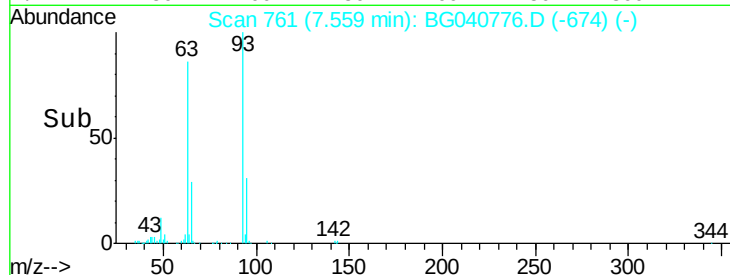
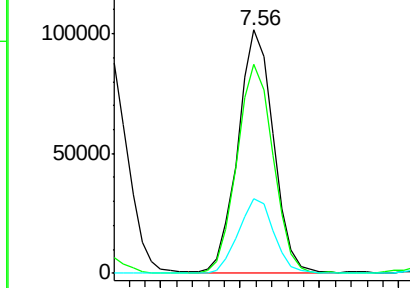
#11
 bis(2-Chloroethyl)ether
 Concen: 50.772 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MS

Tot Ion: 93 Resp: 156690
 Ion Ratio Lower Upper
 93 100
 63 85.7 68.2 108.2
 95 30.9 14.3 54.3

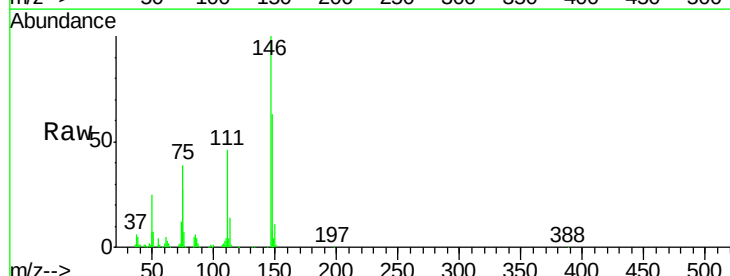


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

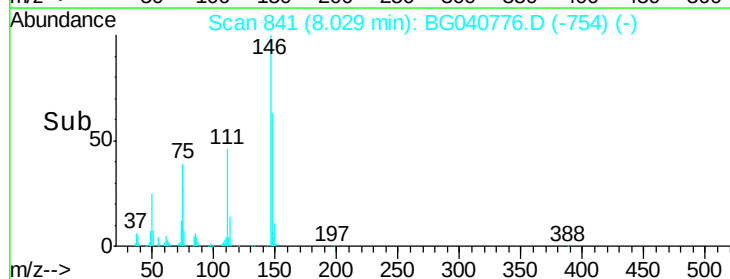
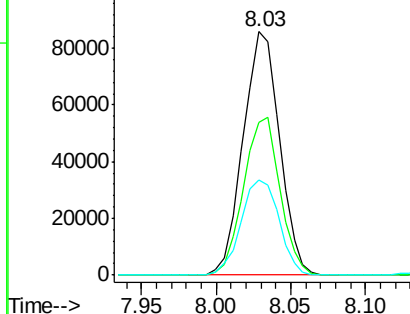


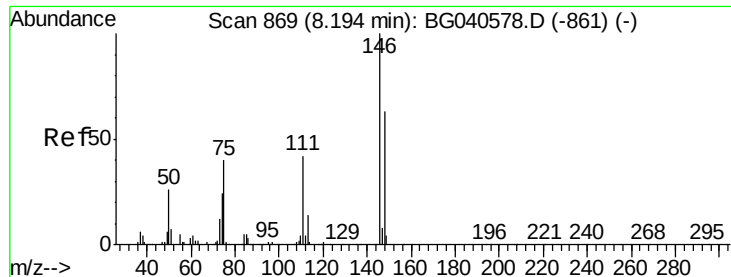
#12
 1,3-Dichlorobenzene
 Concen: 43.660 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

Tgt Ion: 146 Resp: 144687
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.7 76.1
 75 38.9 33.4 50.2



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

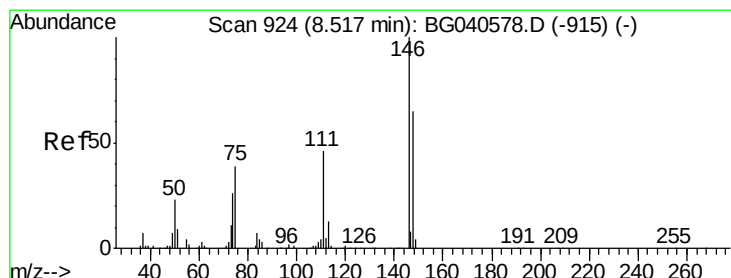
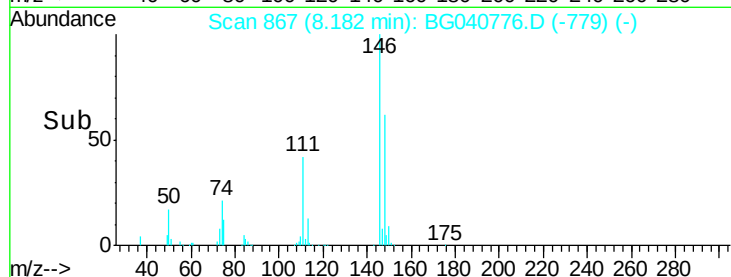
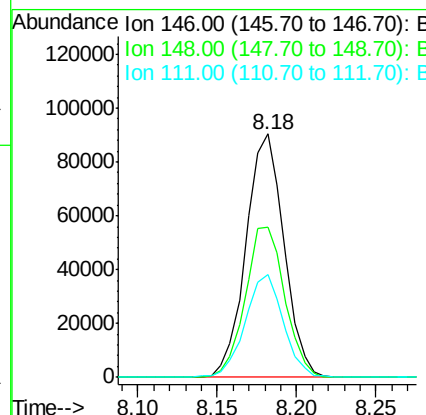
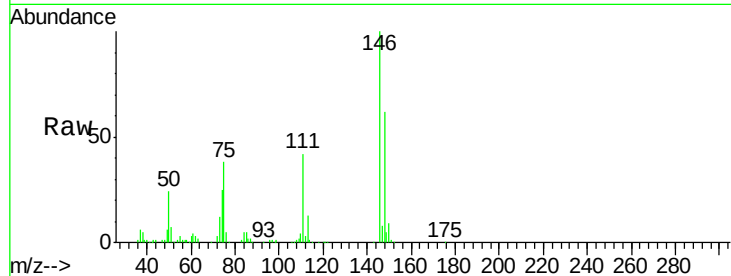




#13
 1,4-Dichlorobenzene
 Concen: 44.787 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

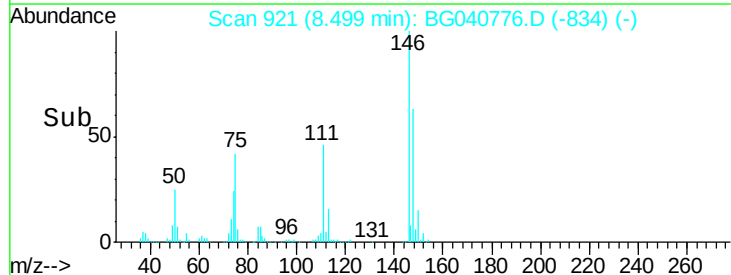
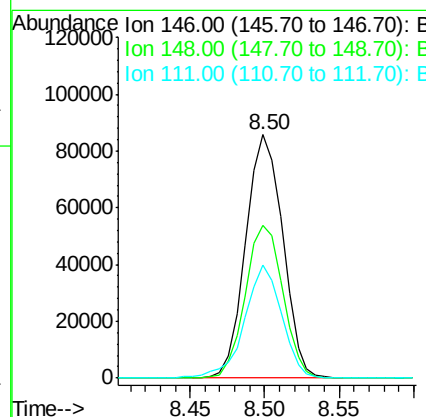
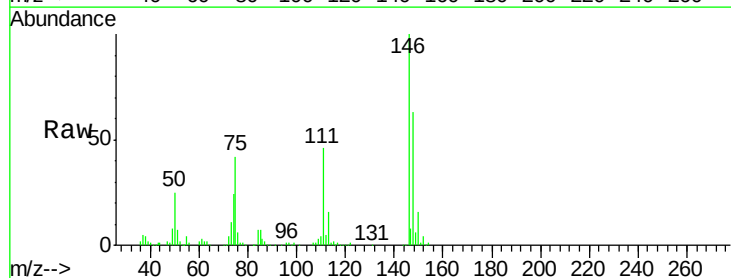
Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MS

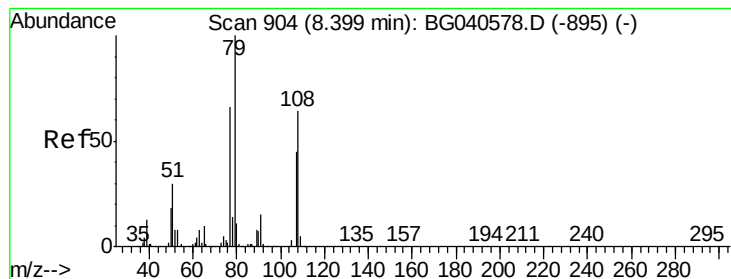
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.6	75.8
111	42.2	34.3	51.5



#14
 1,2-Dichlorobenzene
 Concen: 45.419 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.4
111	46.2	37.4	56.0





#15

Benzyl Alcohol

Concen: 32.658 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

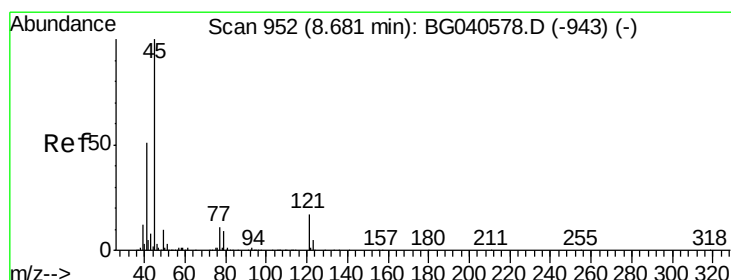
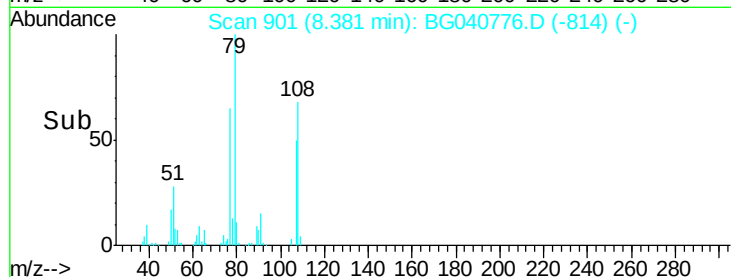
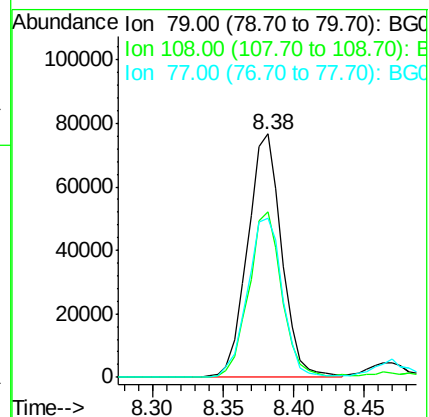
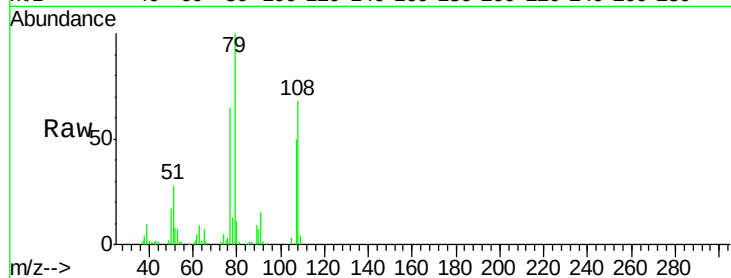
Tot Ion: 79 Resp: 130098

Ion Ratio Lower Upper

79 100

108 68.2 51.4 77.0

77 65.3 52.6 79.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.726 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

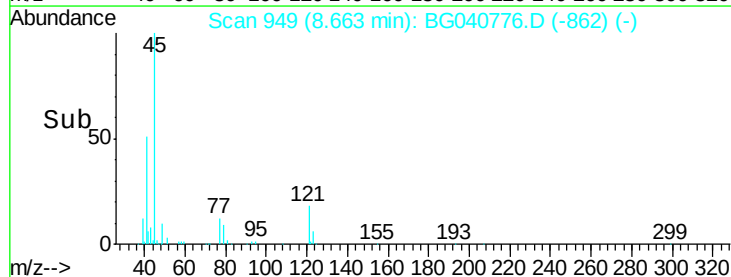
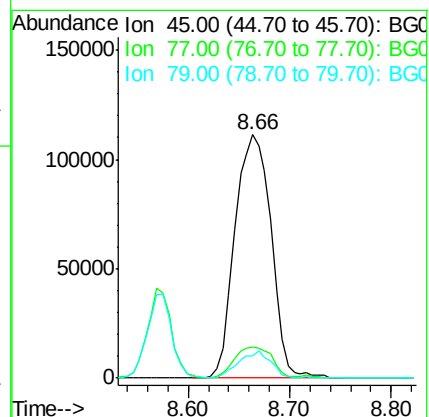
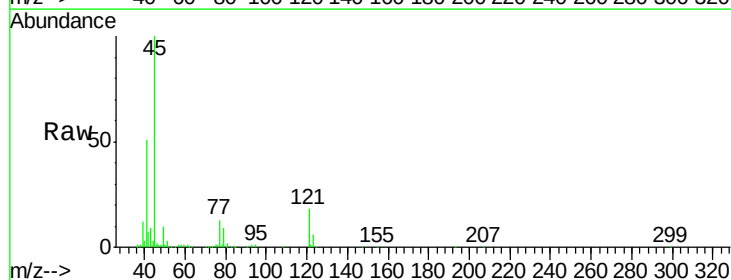
Tgt Ion: 45 Resp: 274810

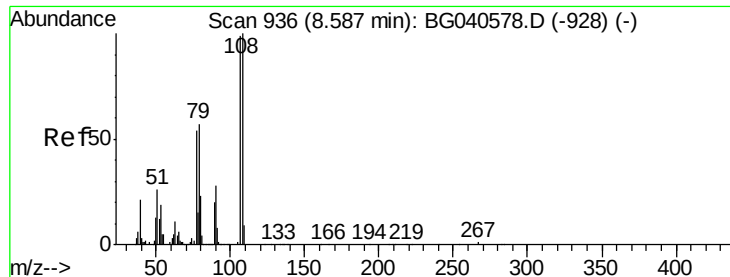
Ion Ratio Lower Upper

45 100

77 12.8 0.0 31.5

79 9.1 0.0 29.4





#17

2-Methylphenol

Concen: 38.511 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

Tot Ion:107 Resp: 112164

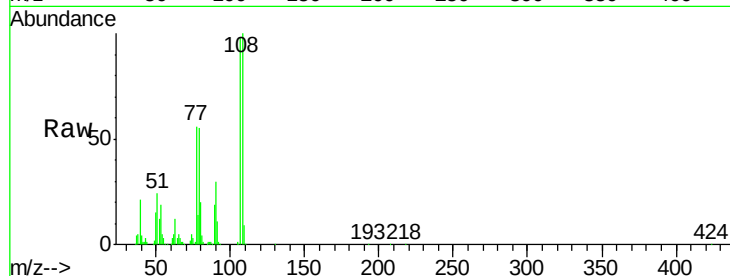
Ion Ratio Lower Upper

107 100

108 102.1 81.2 121.8

77 56.7 44.4 66.6

79 56.1 47.0 70.4

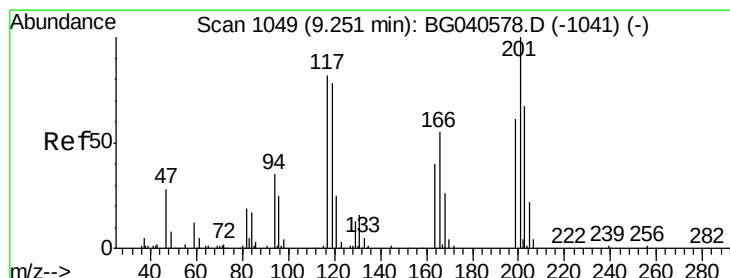
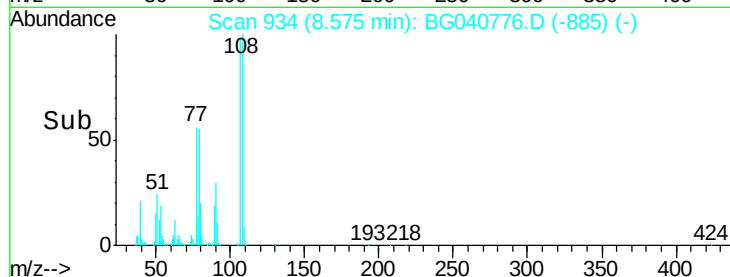
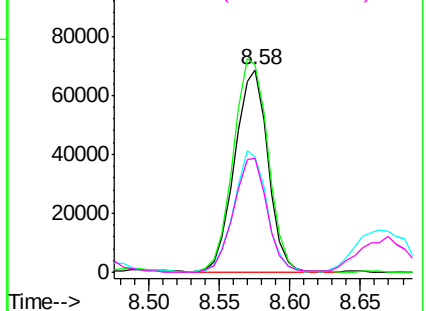


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.235 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

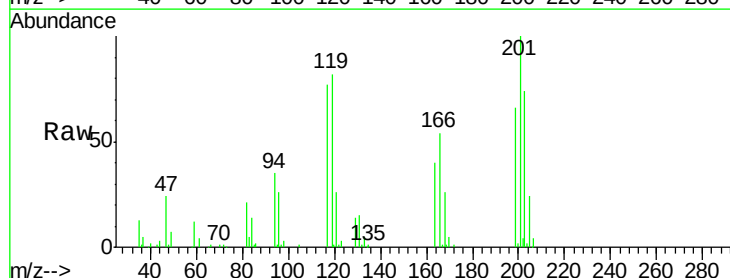
Tgt Ion:117 Resp: 52691

Ion Ratio Lower Upper

117 100

119 106.2 76.6 114.8

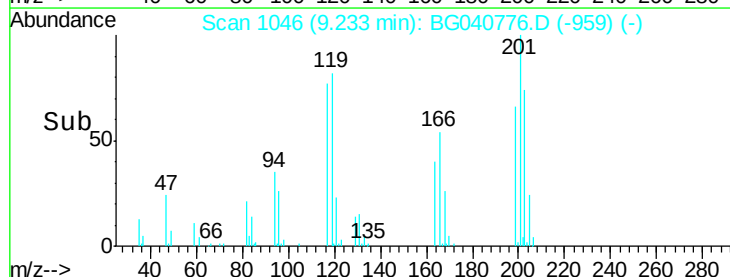
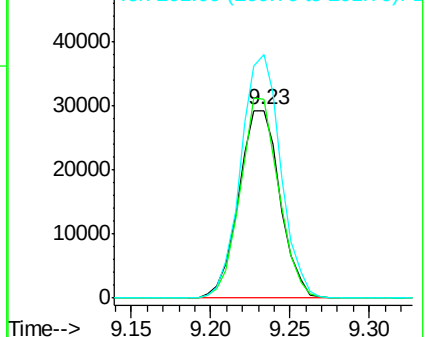
201 129.7 101.0 151.6

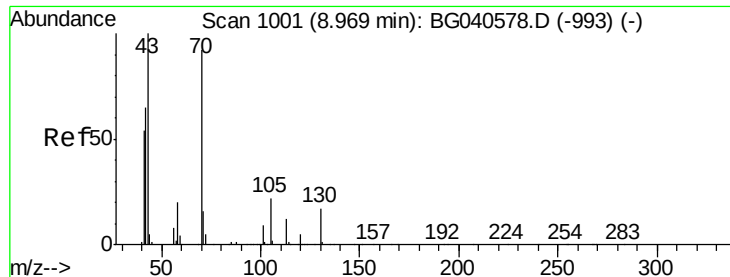


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

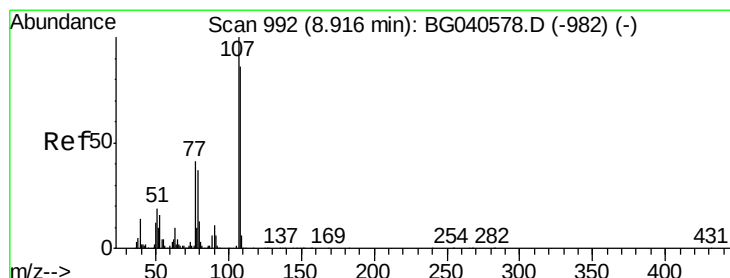
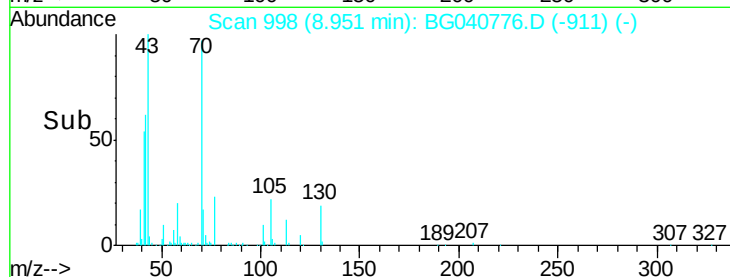
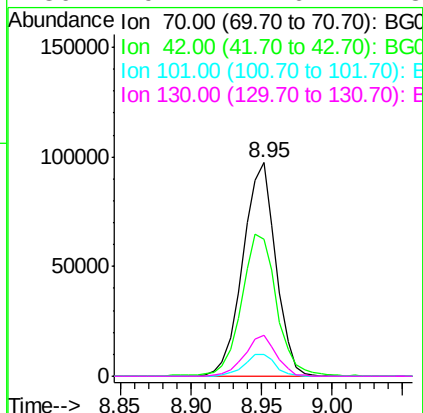
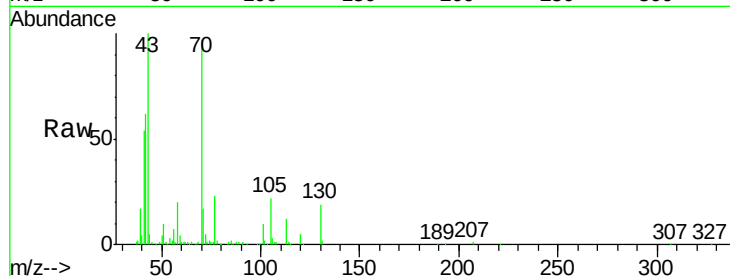




#19
n-Nitroso-di-n-propylamine
Concen: 46.025 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

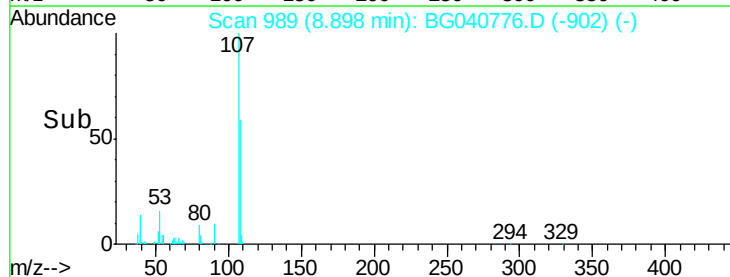
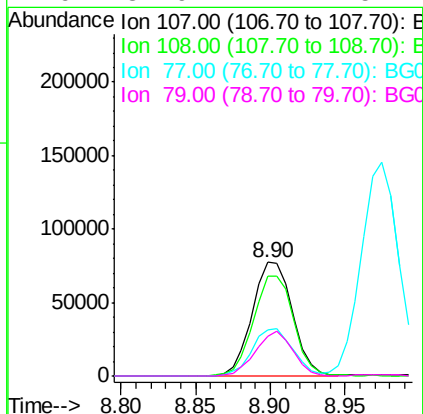
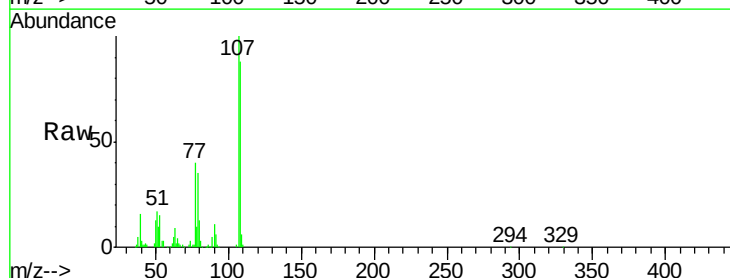
Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MS

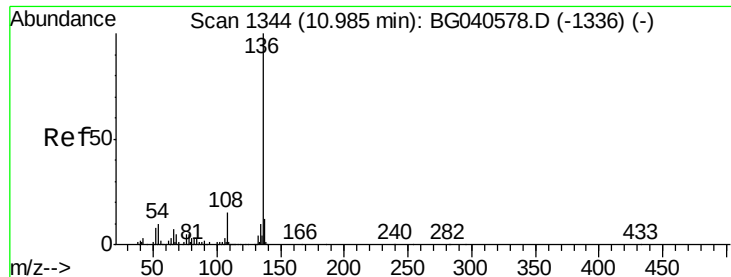
Tot Ion:	70	Resp:	158621
Ion	Ratio	Lower	Upper
70	100		
42	64.0	57.1	85.7
101	10.4	7.8	11.8
130	19.2	14.6	21.8



#20
3+4-Methylphenols
Concen: 35.551 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Tgt Ion:	107	Resp:	144243
Ion	Ratio	Lower	Upper
107	100		
108	87.9	66.1	106.1
77	40.4	21.6	61.6
79	34.9	17.4	57.4

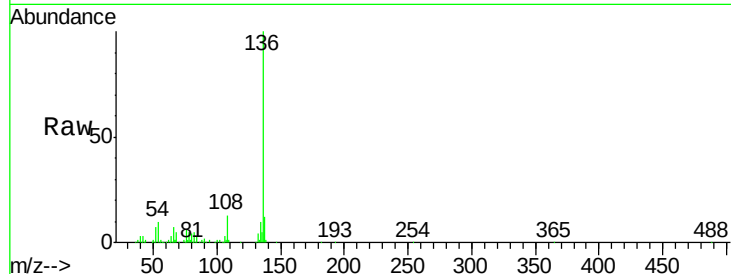




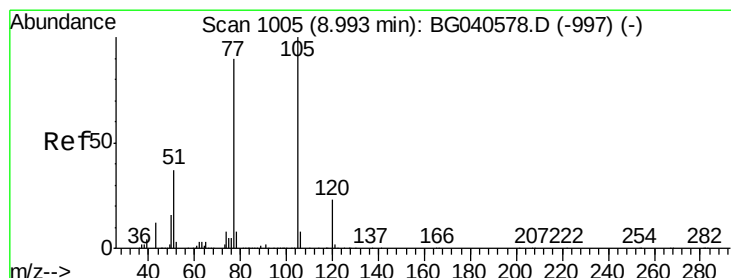
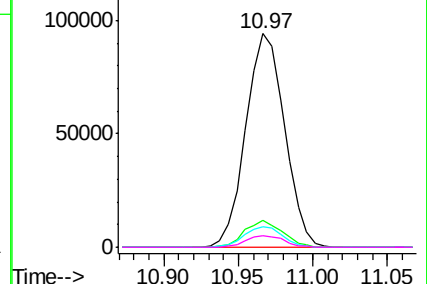
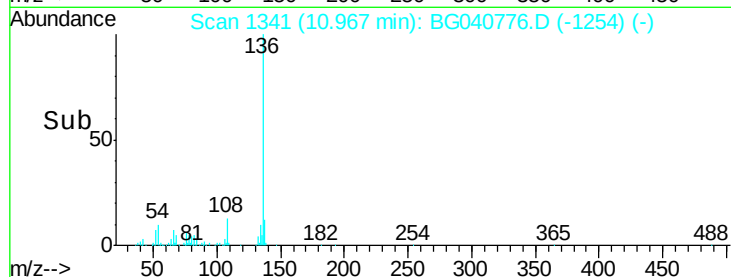
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MS

Tot Ion:136	Resp:	168998	
Ion Ratio	Lower	Upper	
136 100			
137 12.4	9.7	14.5	
54 9.9	8.6	12.8	
68 5.4	4.8	7.2	

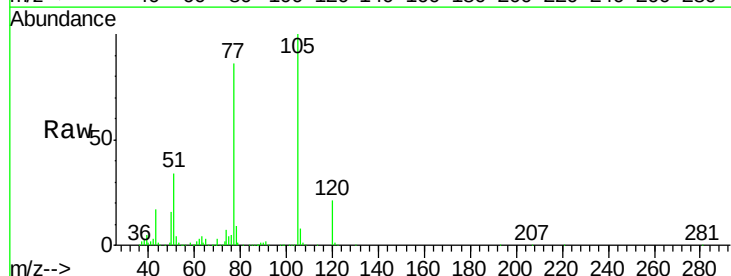


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

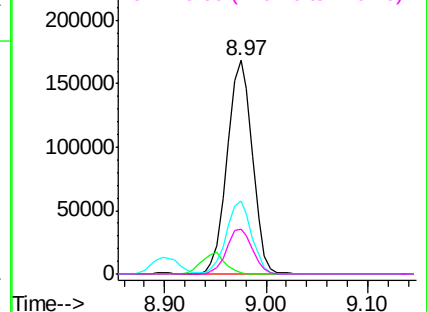
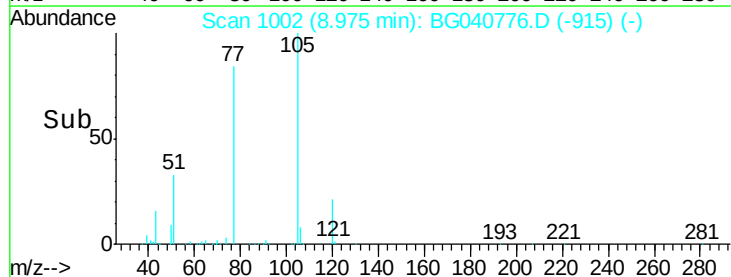


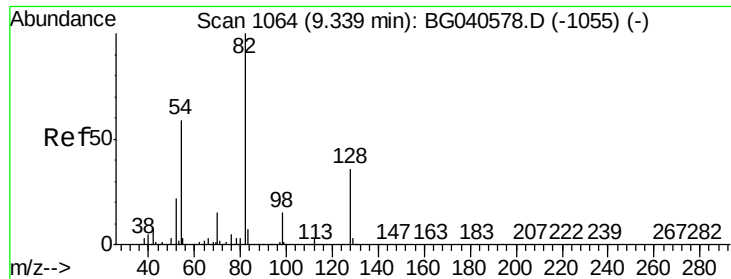
#22
Acetophenone
Concen: 61.702 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Tgt	Ion:105	Resp:	289964
Ion	Ratio	Lower	Upper
105	100		
71	0.5	1.8	2.8#
51	34.3	29.8	44.8
120	21.3	18.4	27.6



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

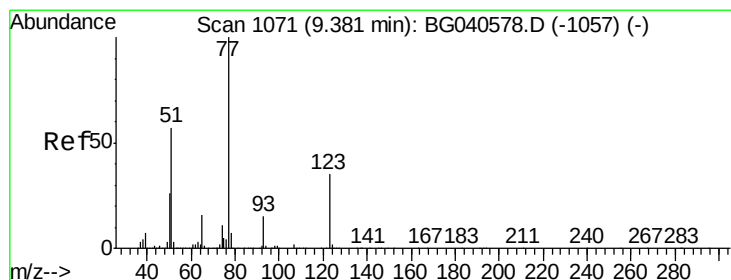
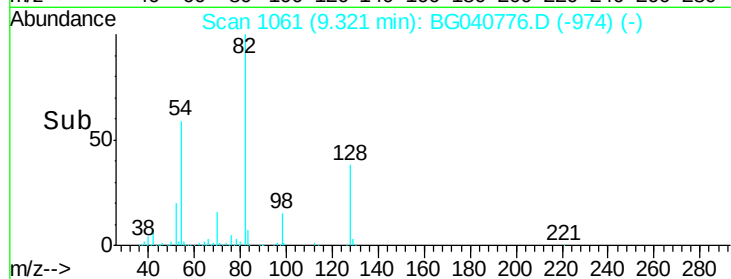
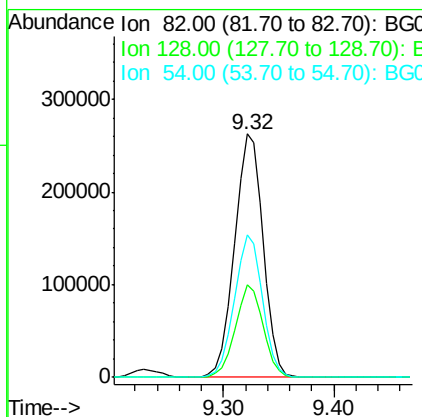
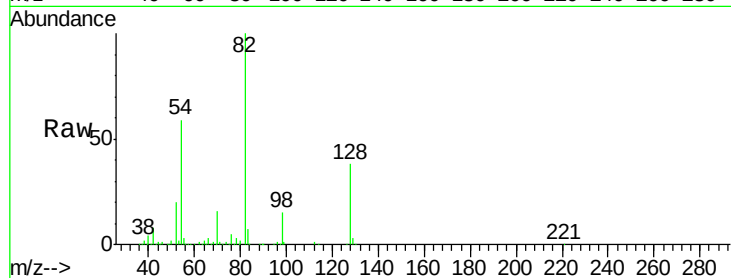




#23
 Nitrobenzene-d5
 Concen: 130.431 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

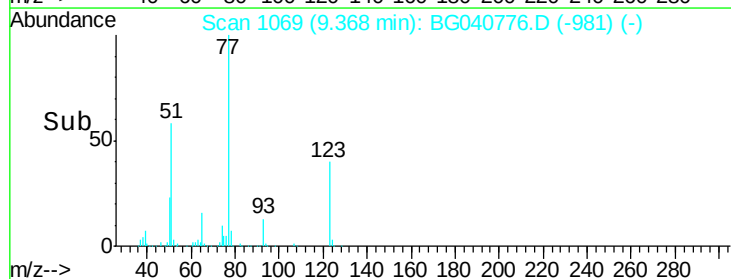
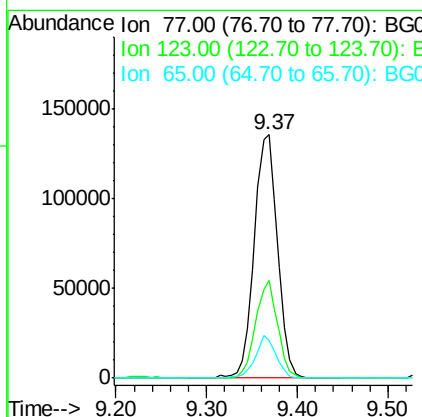
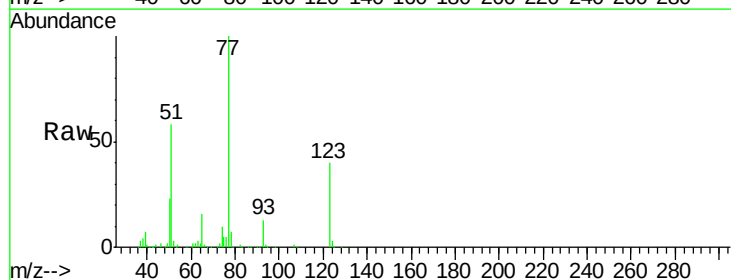
Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MS

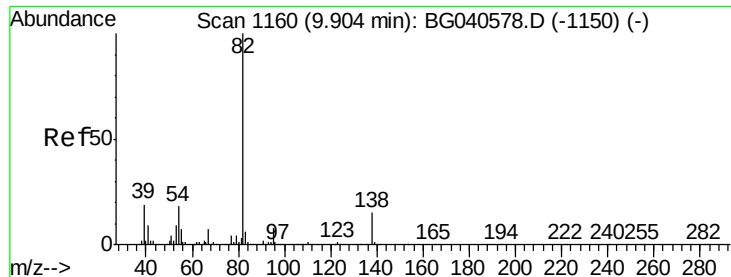
Tot Ion	82	Resp	477049
Ion Ratio	100	Lower	Upper
128	37.9	28.9	43.3
54	58.8	47.2	70.8



#24
 Nitrobenzene
 Concen: 62.093 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

Tgt Ion	77	Resp	242308
Ion Ratio	100	Lower	Upper
123	40.1	27.8	41.6
65	15.7	12.4	18.6





#25

Isophorone

Concen: 55.156 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

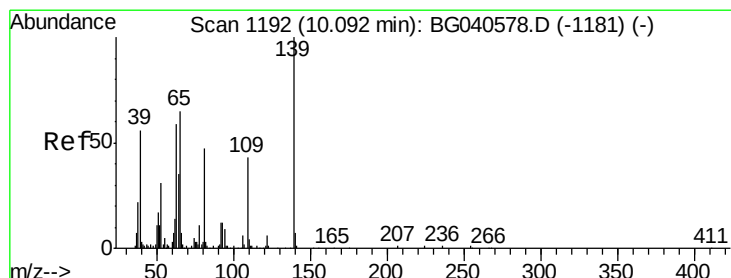
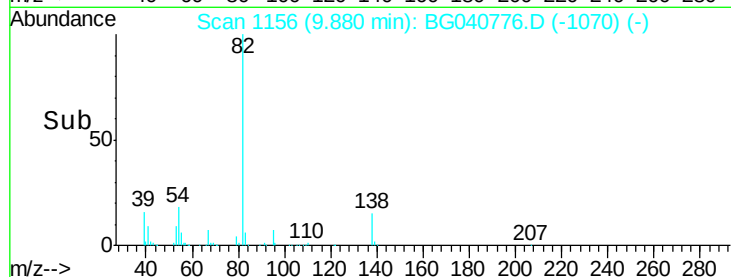
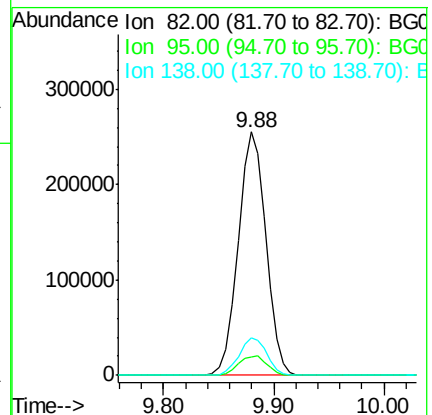
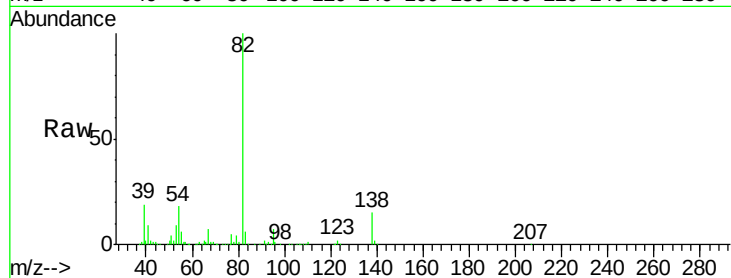
Tot Ion: 82 Resp: 449360

Ion Ratio Lower Upper

82 100

95 7.4 6.9 10.3

138 15.2 12.3 18.5



#26

2-Nitrophenol

Concen: 65.931 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

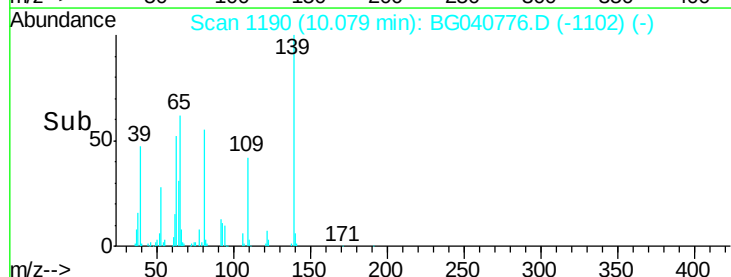
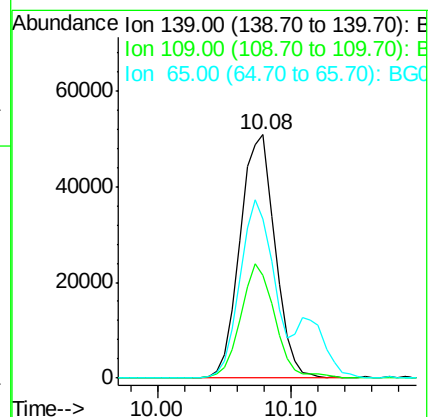
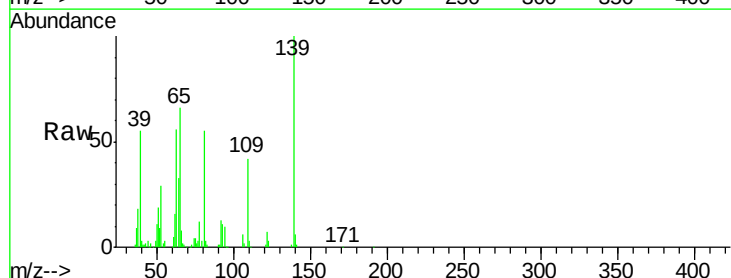
Tgt Ion: 139 Resp: 92225

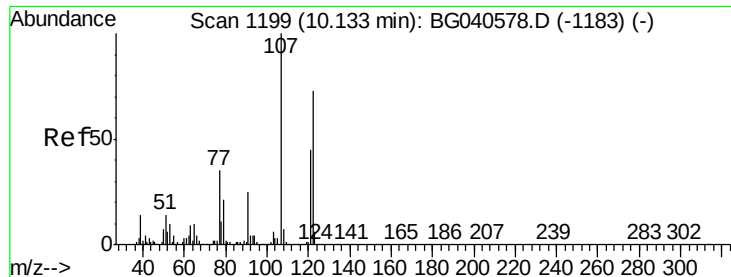
Ion Ratio Lower Upper

139 100

109 42.5 35.6 53.4

65 65.6 52.3 78.5

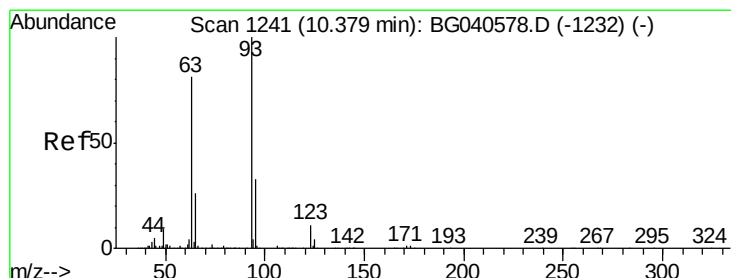
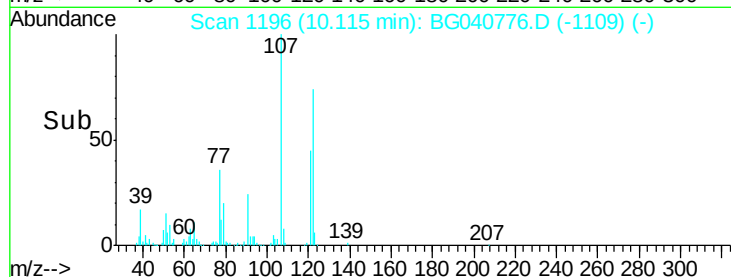
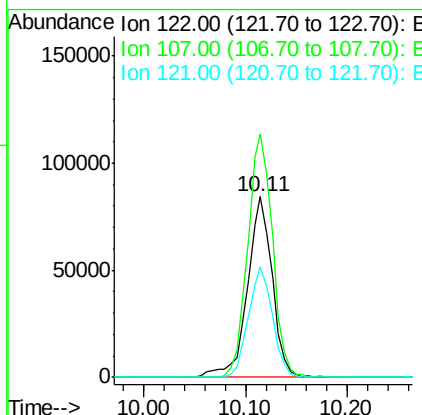
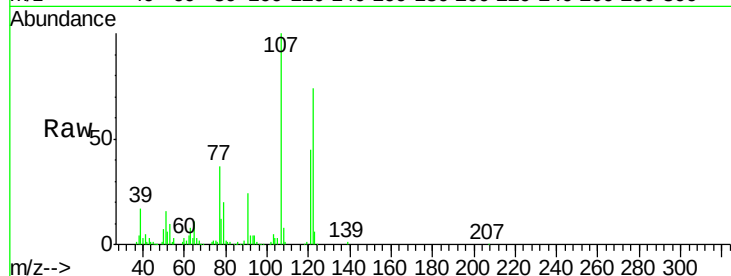




#27
 2,4-Dimethylphenol
 Concen: 54.409 ng
 RT: 10.11 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

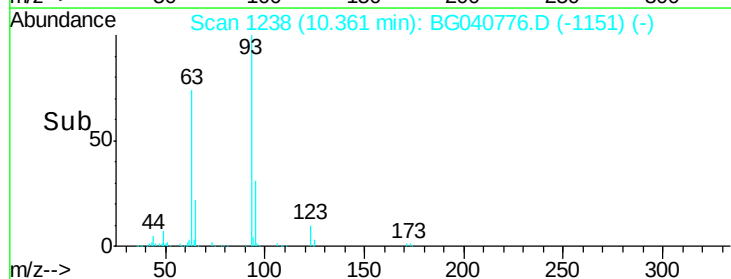
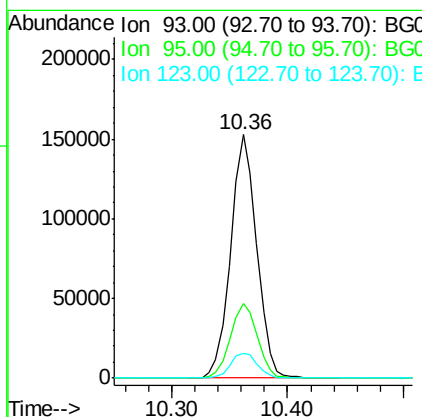
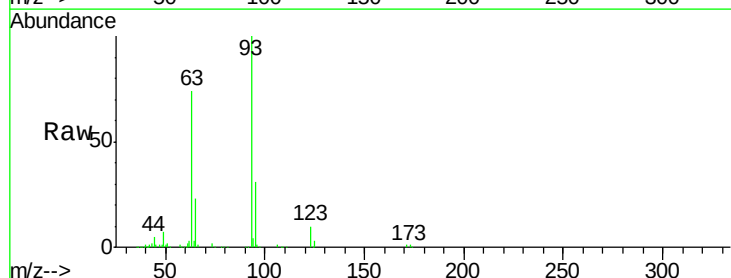
Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MS

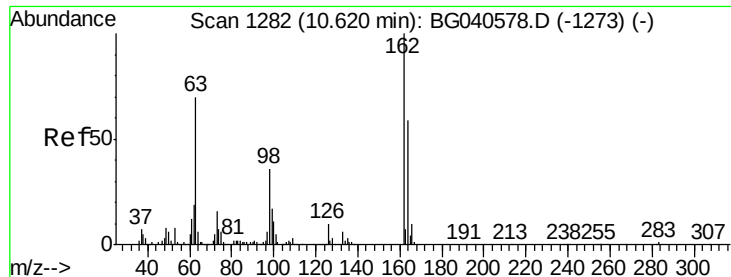
Tot Ion	Ratio	Lower	Upper
122	100		
107	134.9	110.1	165.1
121	60.9	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 58.067 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	26.6	40.0
123	9.9	9.0	13.4

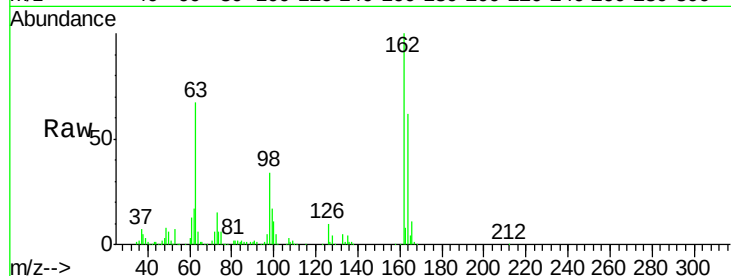




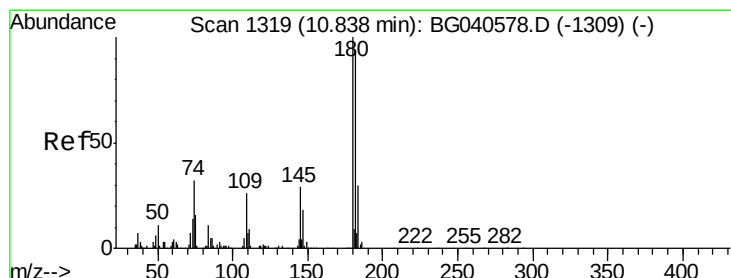
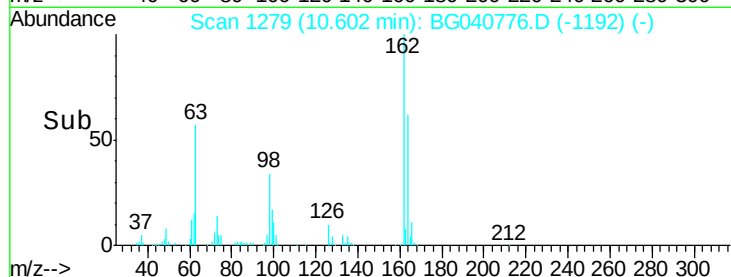
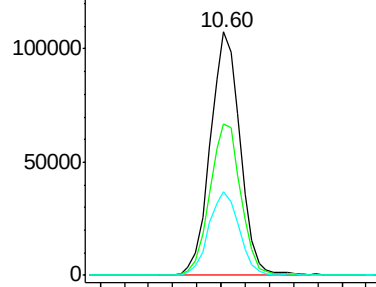
#29
 2,4-Dichlorophenol
 Concen: 62.113 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	38.9	78.9
98	34.2	16.8	56.8

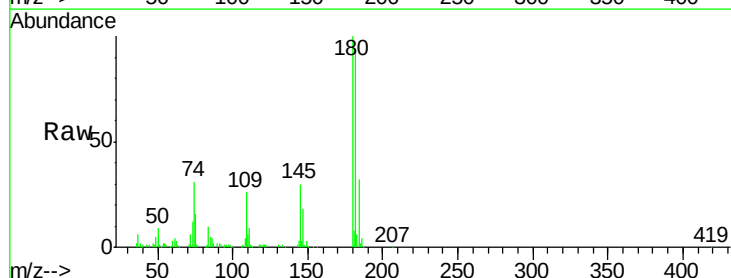


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

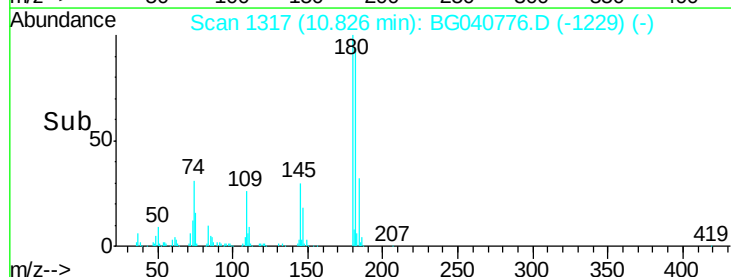
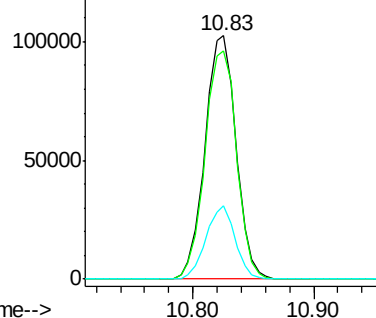


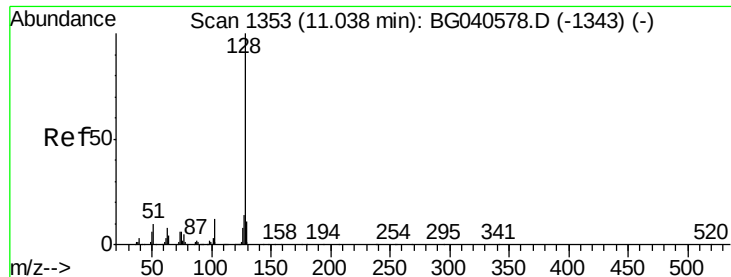
#30
 1,2,4-Trichlorobenzene
 Concen: 55.630 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.2	112.8
145	30.3	23.6	35.4



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

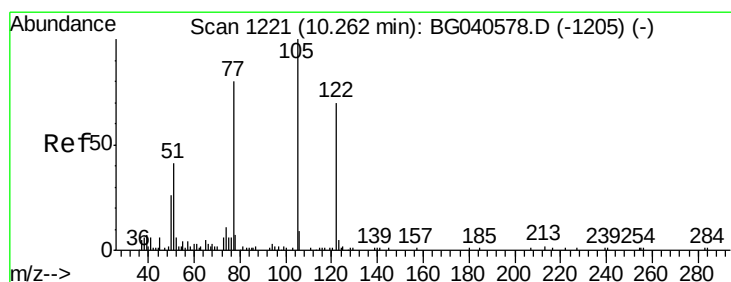
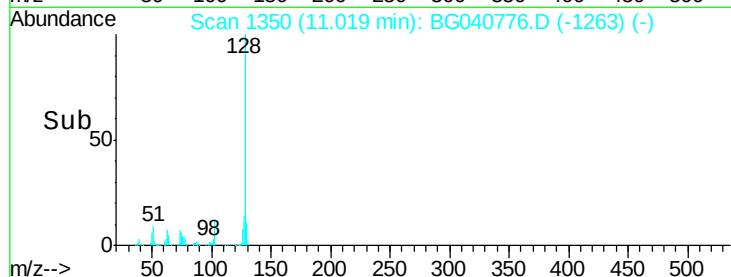
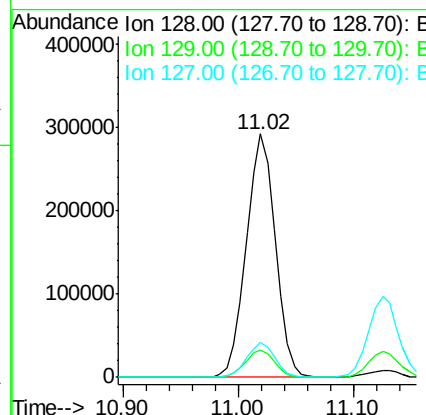
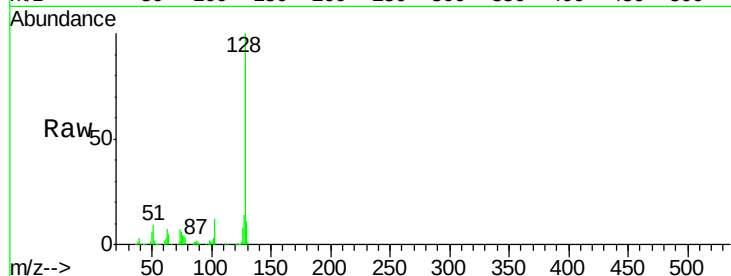




#31
Naphthalene
Concen: 56.764 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

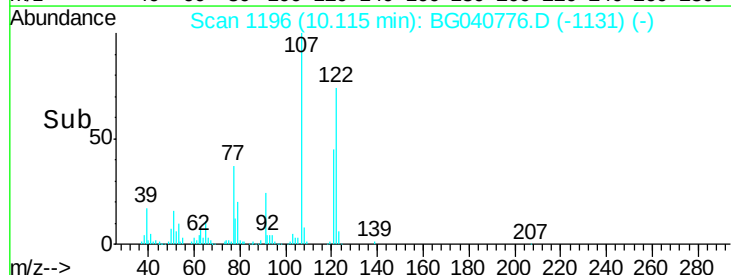
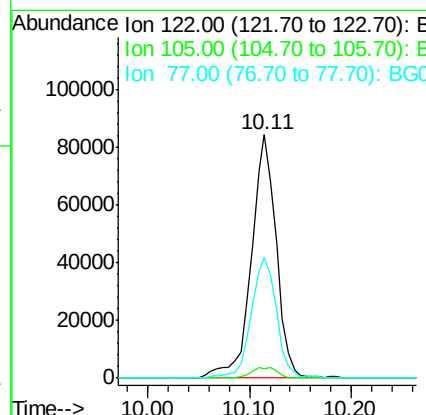
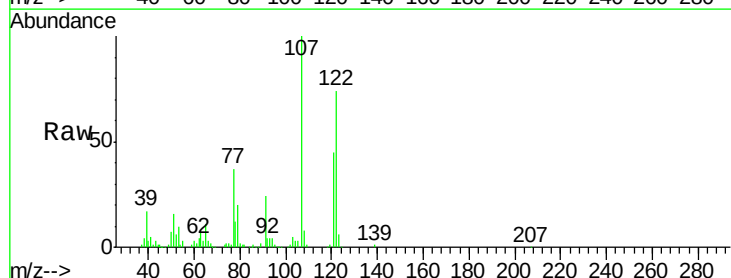
Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MS

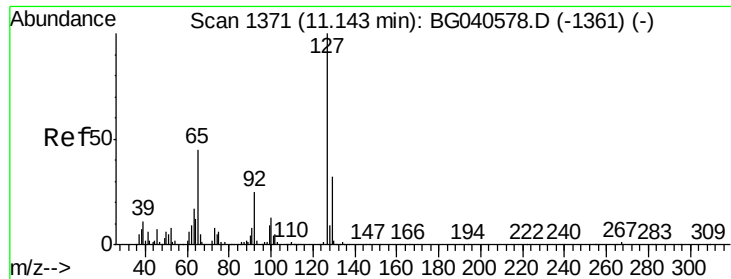
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	14.1	11.3	16.9



#32
Benzoic acid
Concen: 79.478 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.15 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	4.1	110.9	150.9#
77	49.4	87.6	127.6#

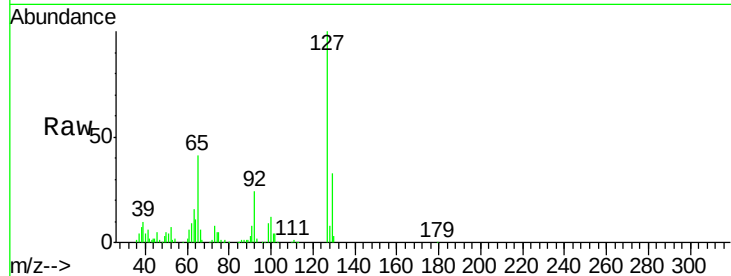




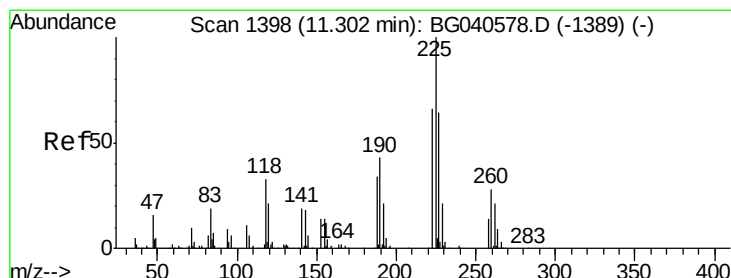
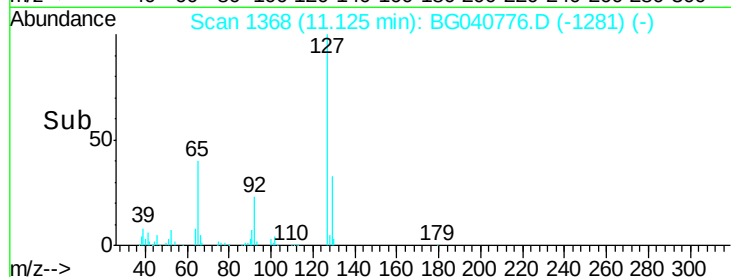
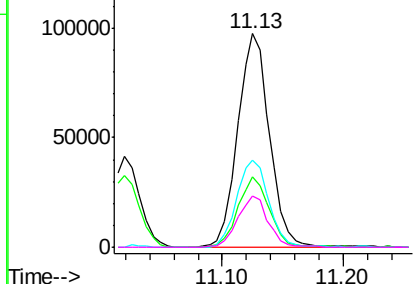
#33
4-Chloroaniline
Concen: 44.778 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Instrument :
BNA_G
ClientSampled :
MW-4-20190502MS

Tot Ion:	127	Resp:	178253
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	40.8	36.1	54.1
92	23.7	20.1	30.1

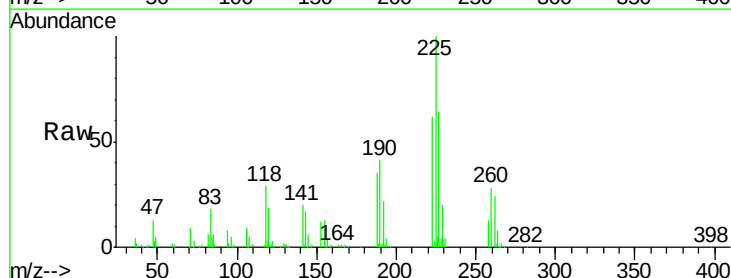


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

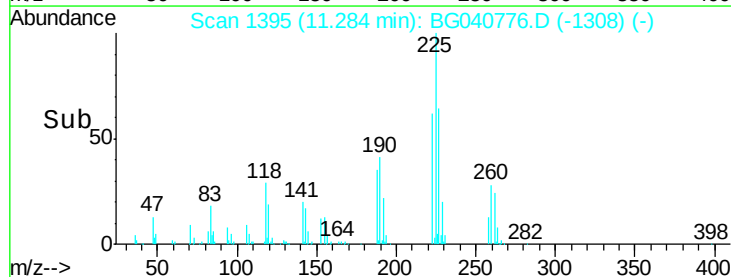
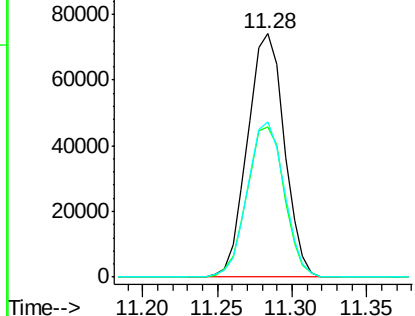


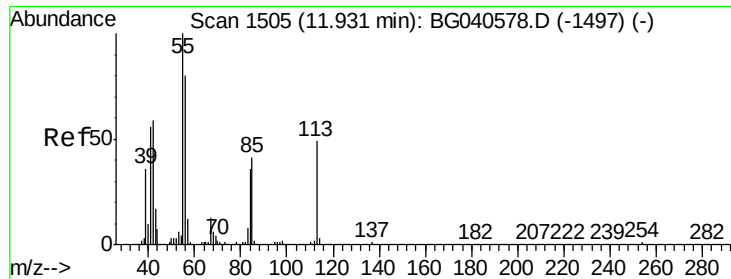
#34
Hexachlorobutadiene
Concen: 51.695 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Tgt Ion:	225	Resp:	126281
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.4	75.6
227	63.7	51.0	76.6



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

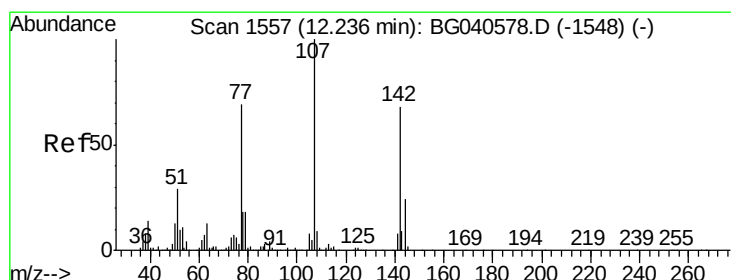
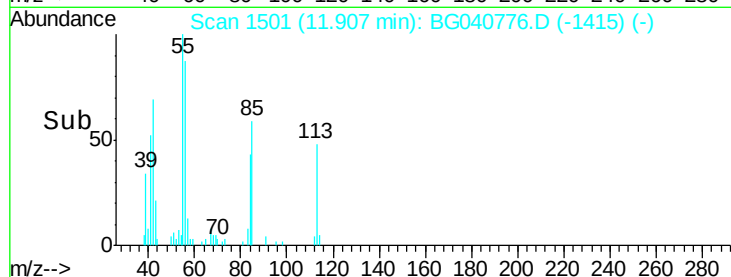
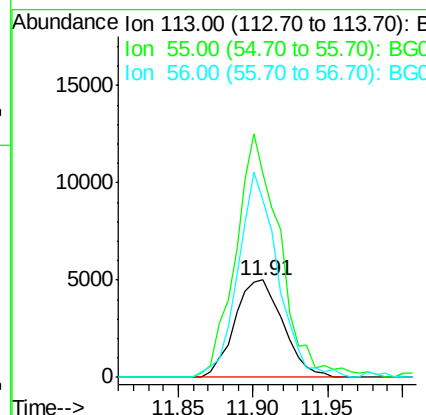
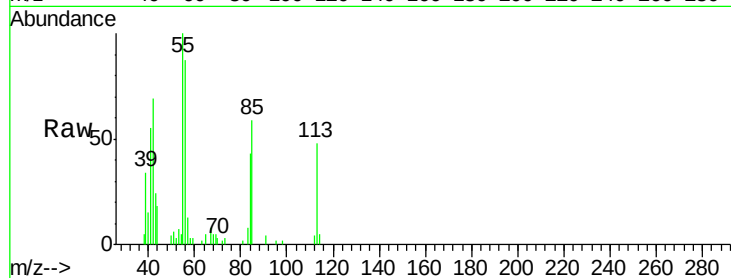




#35
 Caprolactam
 Concen: 9.530 ng
 RT: 11.91 min Scan# 1501
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

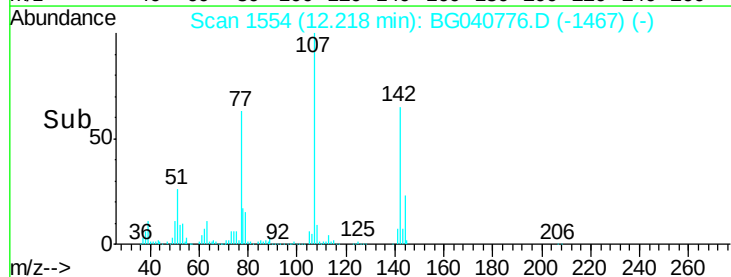
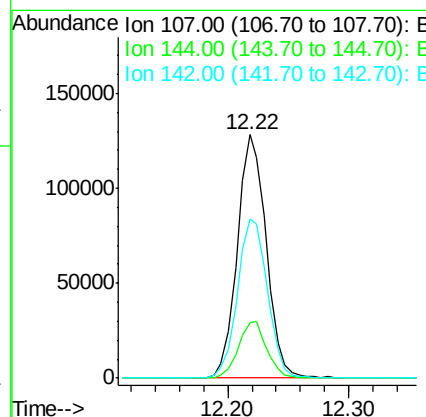
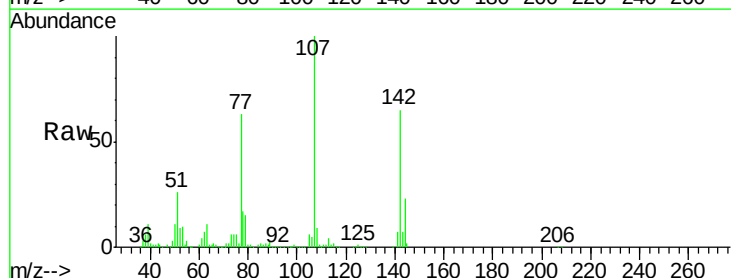
Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MS

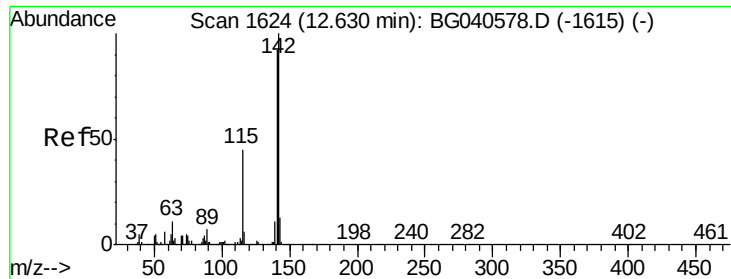
Tot Ion:113 Resp: 11227
 Ion Ratio Lower Upper
 113 100
 55 209.3 198.6 238.6
 56 181.4 148.4 188.4



#36
 4-Chloro-3-methylphenol
 Concen: 56.855 ng
 RT: 12.22 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

Tgt Ion:107 Resp: 214006
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.3 28.9
 142 65.3 54.6 81.8

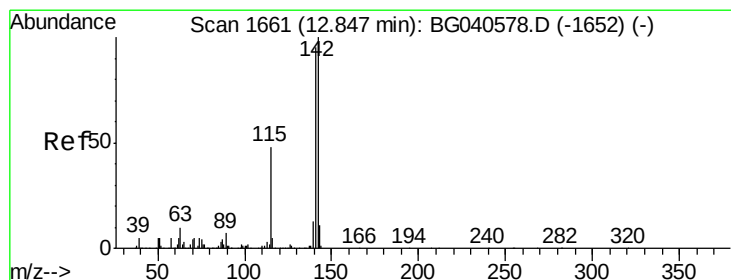
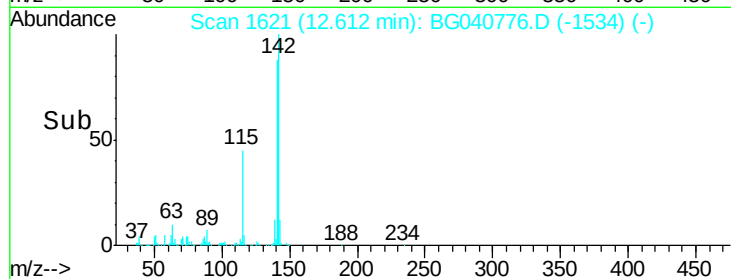
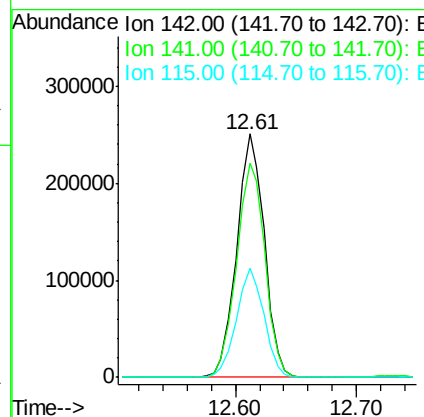
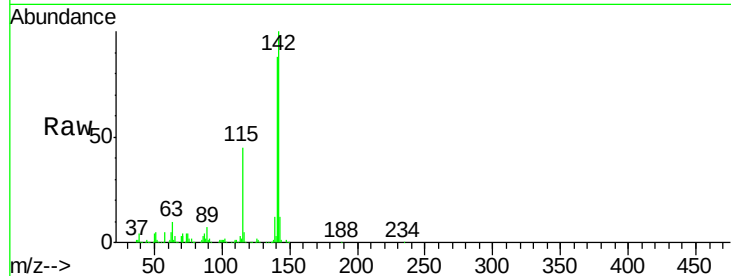




#37
 2-Methylnaphthalene
 Concen: 59.413 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

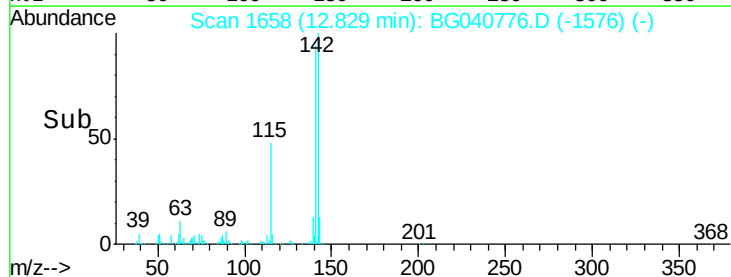
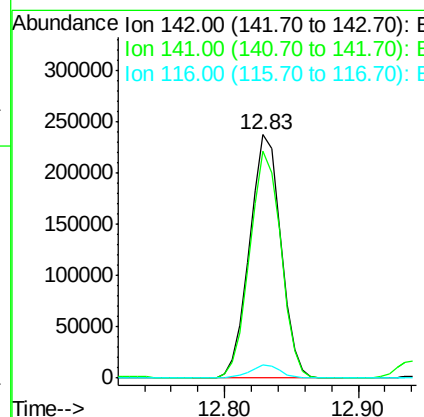
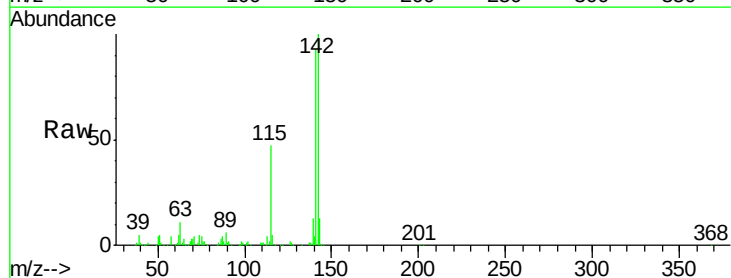
Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MS

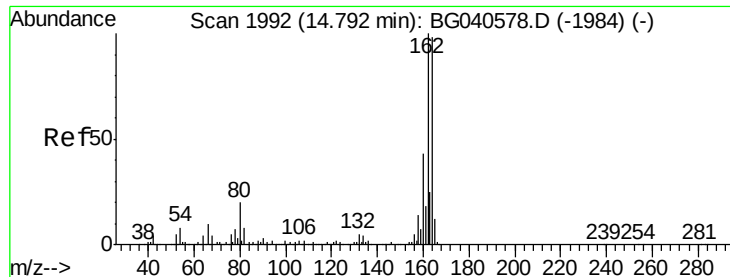
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	73.4	110.2
115	44.9	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 58.505 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.9	113.9
116	5.3	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

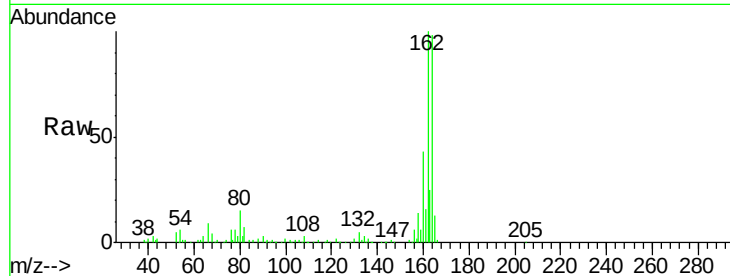
Tot Ion:164 Resp: 126193

Ion Ratio Lower Upper

164 100

162 102.0 81.9 122.9

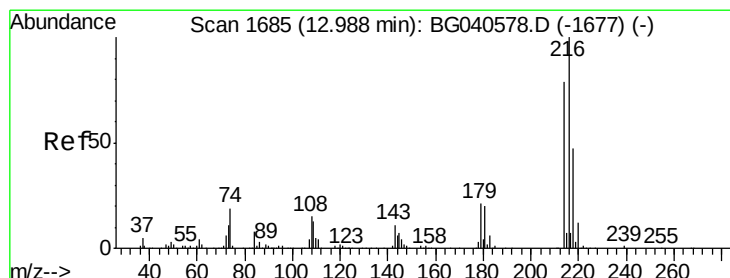
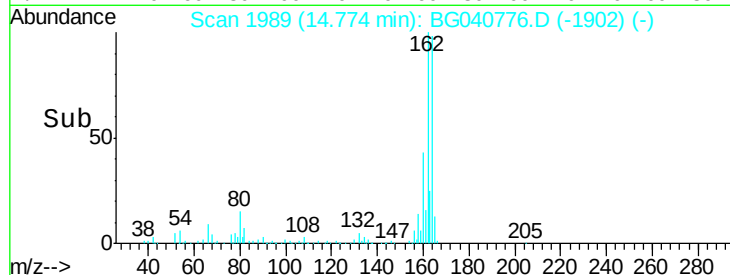
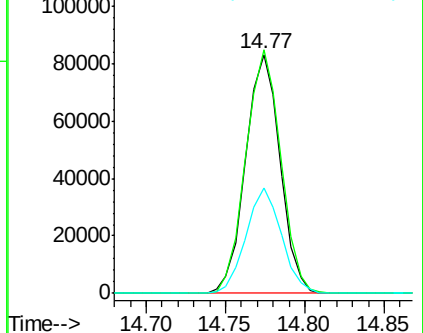
160 44.3 35.4 53.2



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: 59.001 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Tgt Ion:216 Resp: 277365

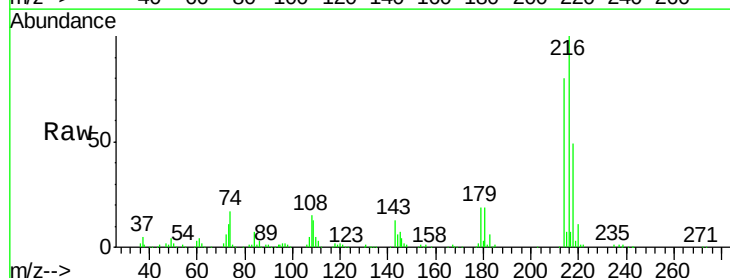
Ion Ratio Lower Upper

216 100

214 79.6 63.7 95.5

179 20.0 16.6 24.8

108 17.4 14.7 22.1

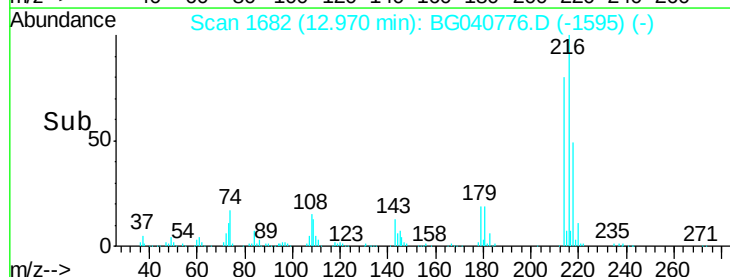
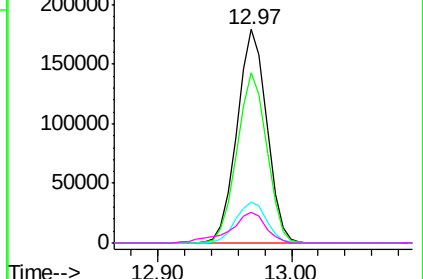


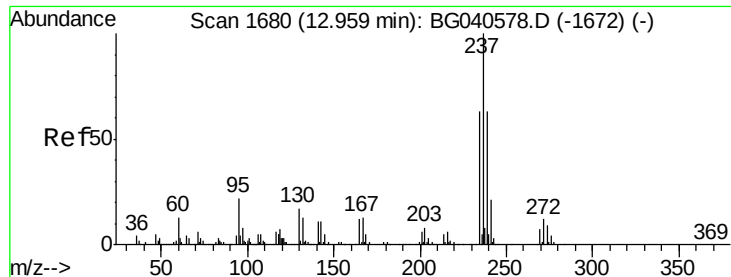
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

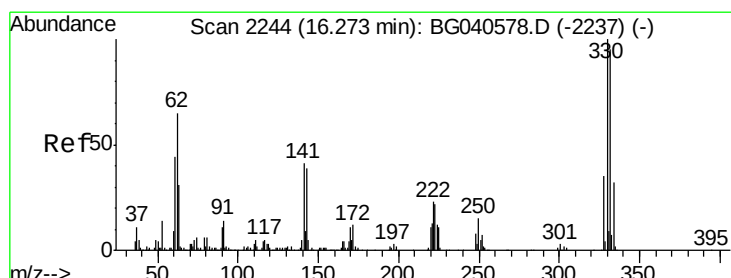
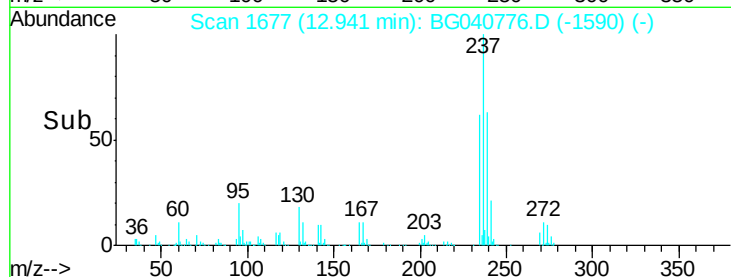
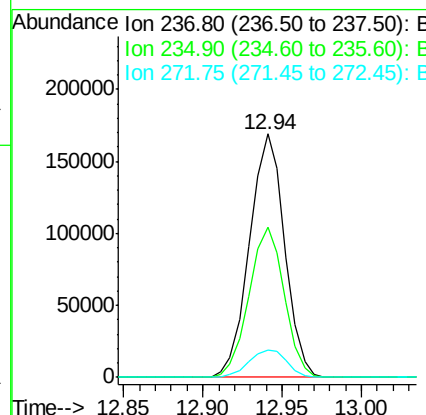
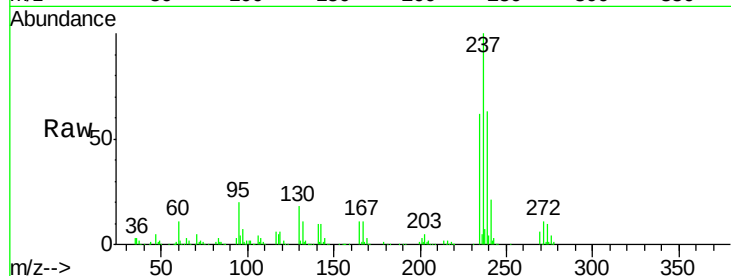




#41
Hexachlorocyclopentadiene
Concen: 93.379 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

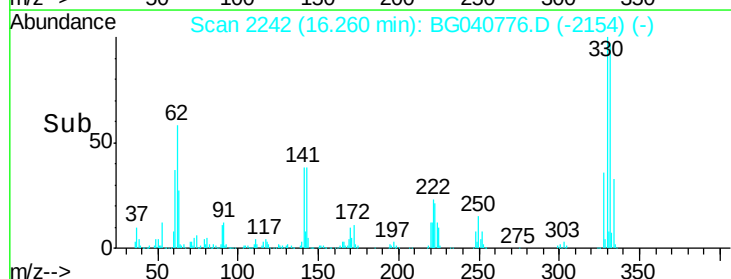
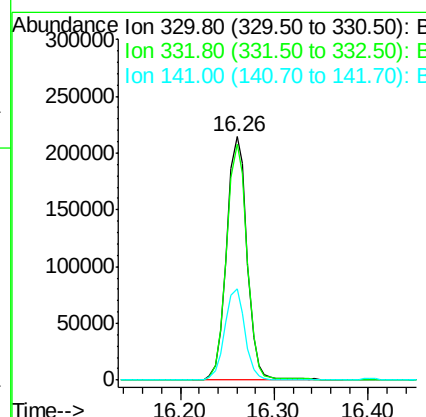
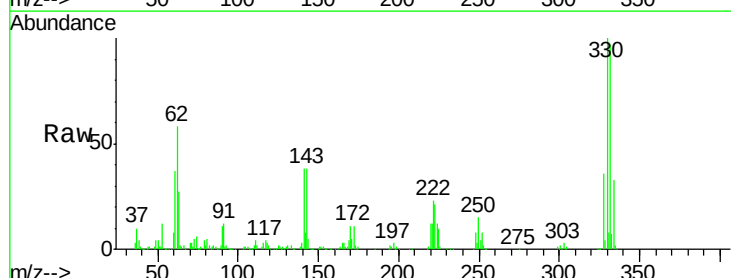
Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MS

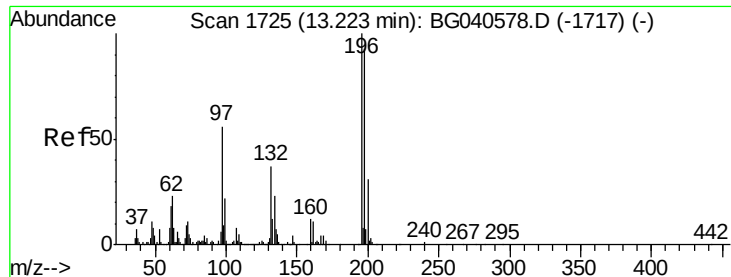
Tot Ion:237 Resp: 259030
Ion Ratio Lower Upper
237 100
235 61.7 42.5 82.5
272 11.5 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 188.916 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Tgt Ion:330 Resp: 327684
Ion Ratio Lower Upper
330 100
332 97.3 75.9 113.9
141 37.3 32.4 48.6

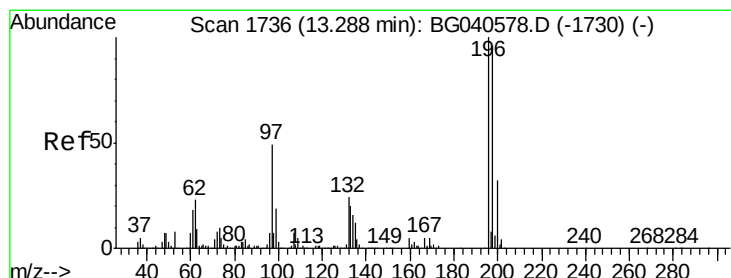
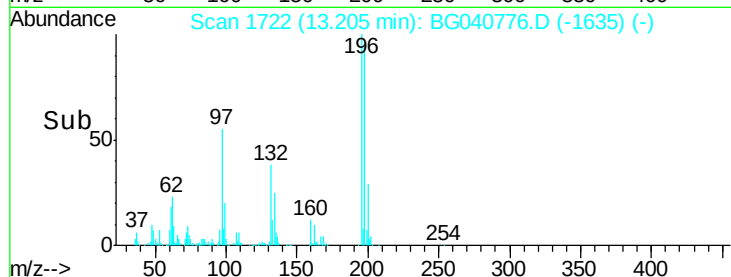
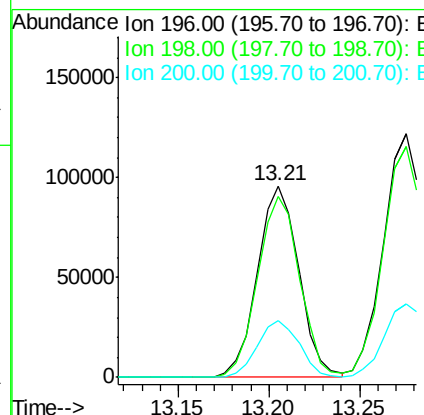
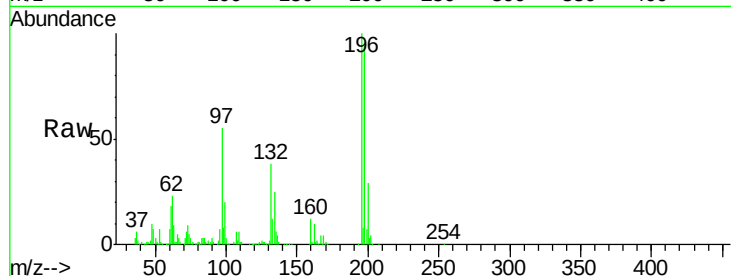




#43
 2,4,6-Trichlorophenol
 Concen: 53.451 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

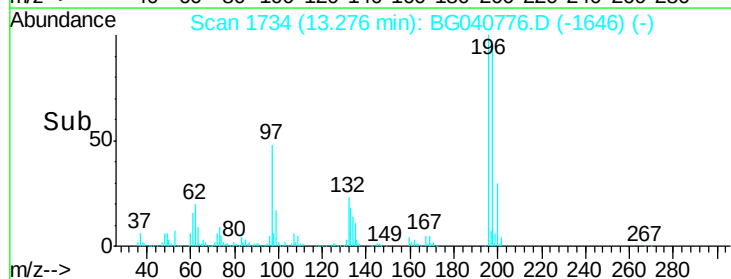
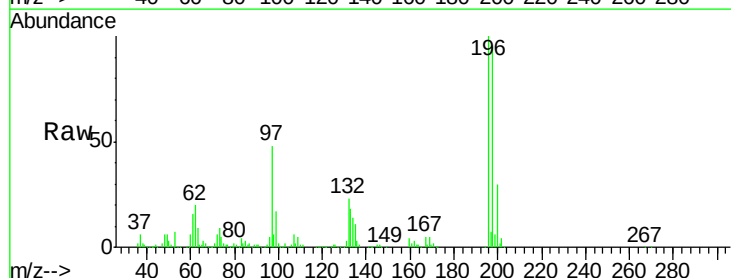
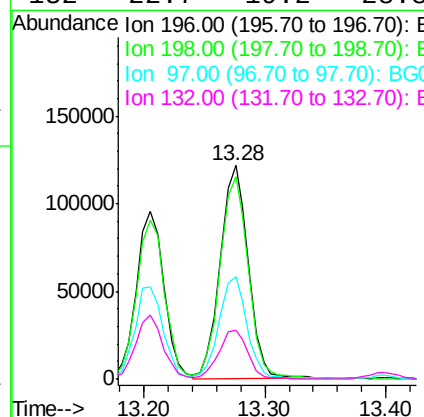
Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MS

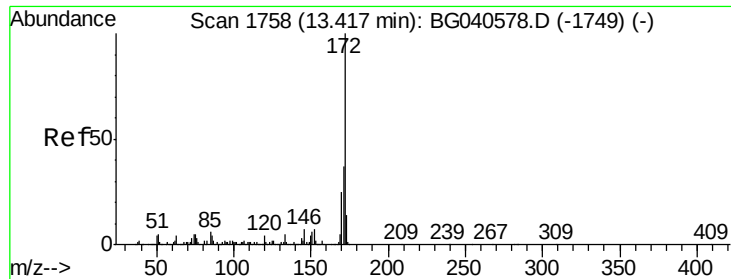
Tot Ion	196	Resp	151847
Ion Ratio	Lower	Upper	
196	100		
198	94.3	74.8	112.2
200	29.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 62.709 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

Tgt Ion	196	Resp	194064
Ion Ratio	Lower	Upper	
196	100		
198	94.7	77.0	115.6
97	47.9	40.0	60.0
132	22.7	19.2	28.8

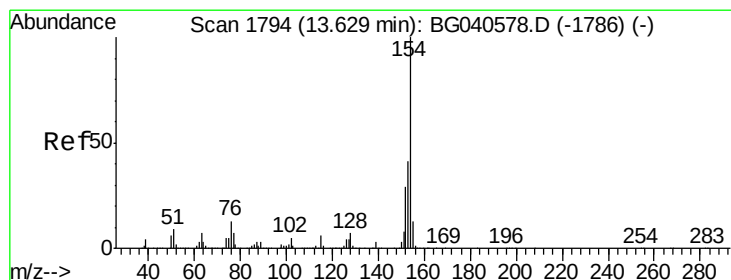
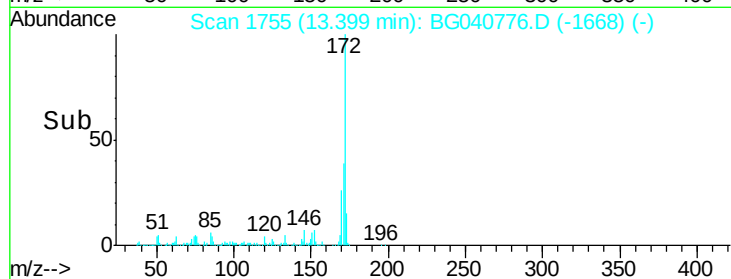
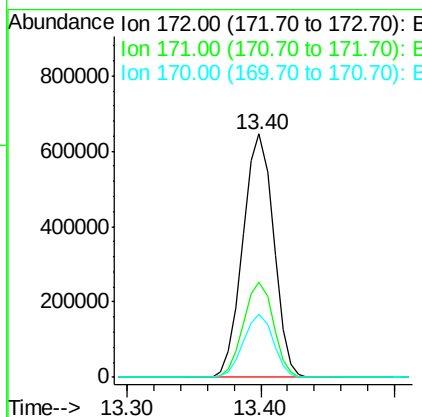
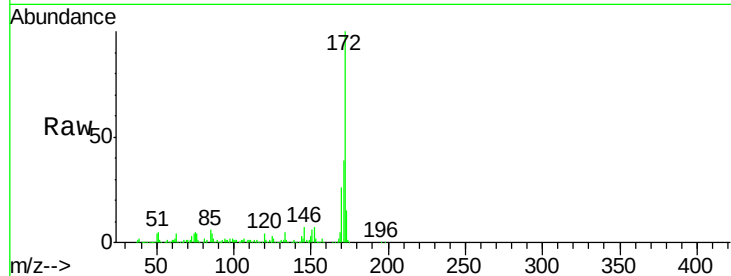




#45
2-Fluorobiphenyl
Concen: 117.376 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

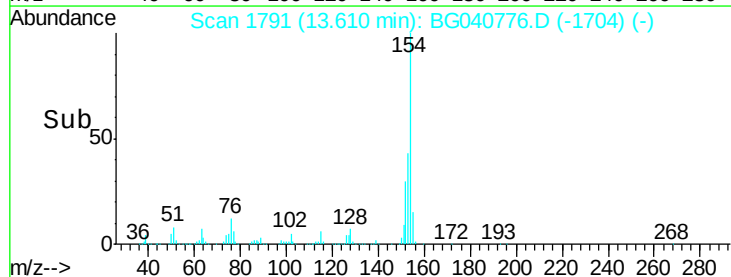
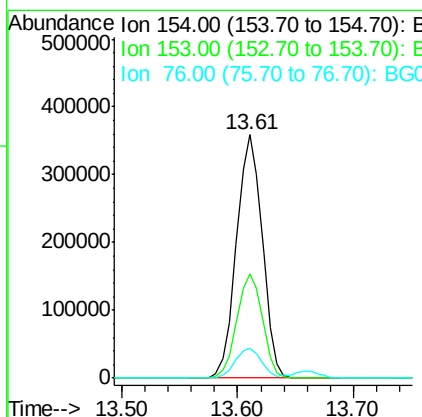
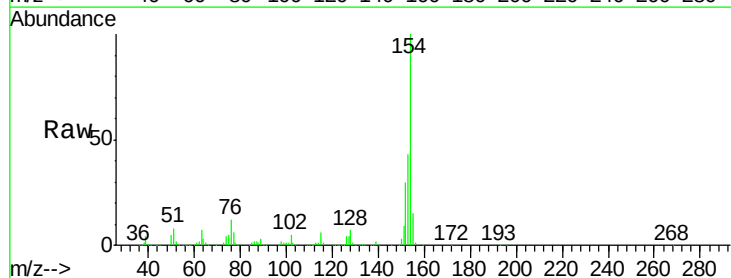
Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MS

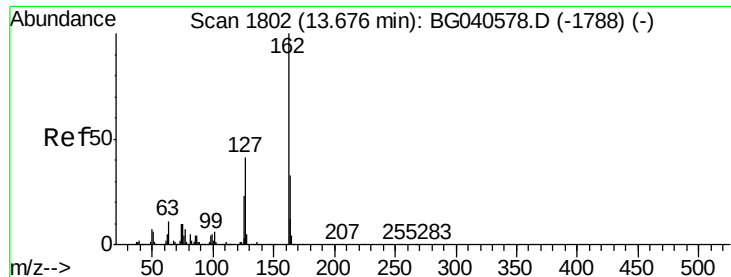
Tot Ion:172 Resp: 1025625
Ion Ratio Lower Upper
172 100
171 38.8 29.4 44.2
170 25.9 19.9 29.9



#46
1,1'-Biphenyl
Concen: 56.498 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Tgt Ion:154 Resp: 553548
Ion Ratio Lower Upper
154 100
153 42.9 20.5 60.5
76 12.0 0.0 32.5

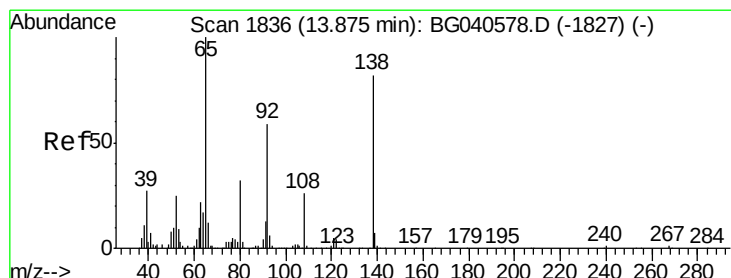
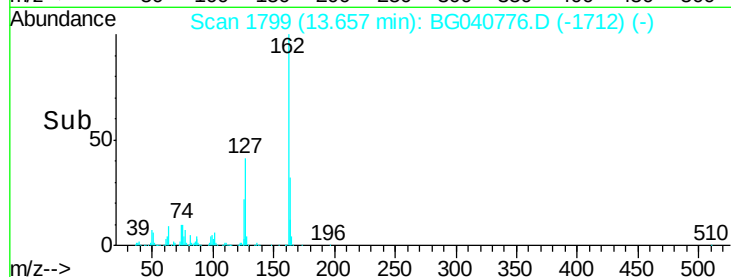
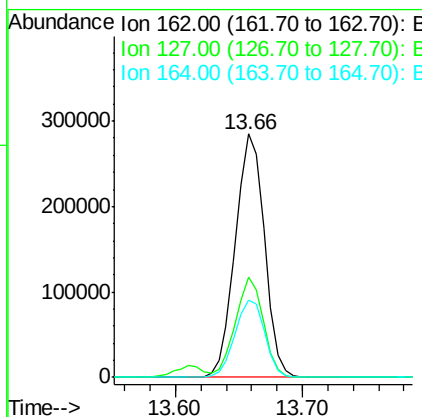
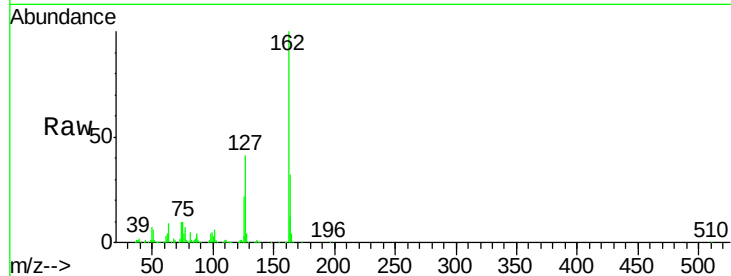




#47
2-Chloronaphthalene
Concen: 59.079 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

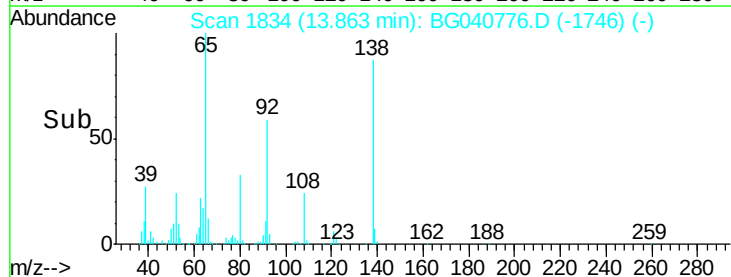
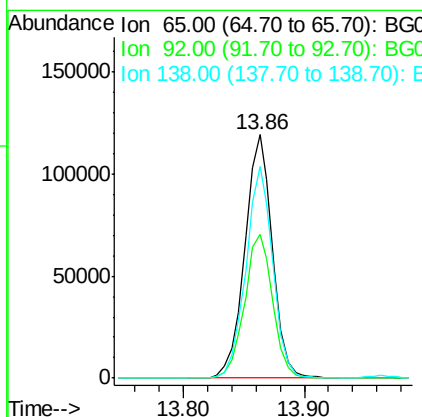
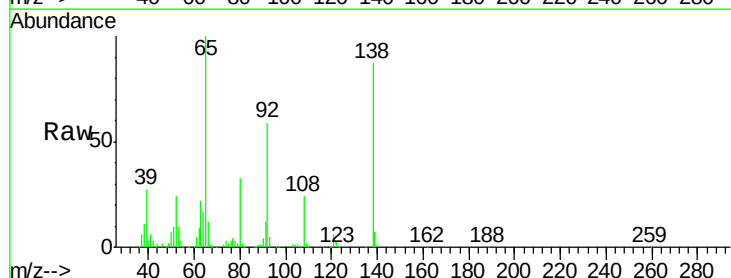
Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MS

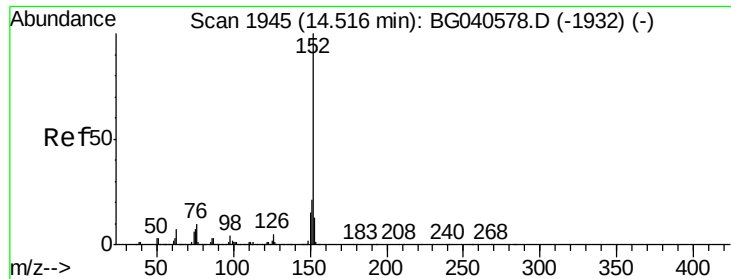
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.0	49.4
164	31.6	26.8	40.2



#48
2-Nitroaniline
Concen: 69.016 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.2	47.4	71.0
138	87.0	66.1	99.1





#49

Acenaphthylene

Concen: 56.069 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

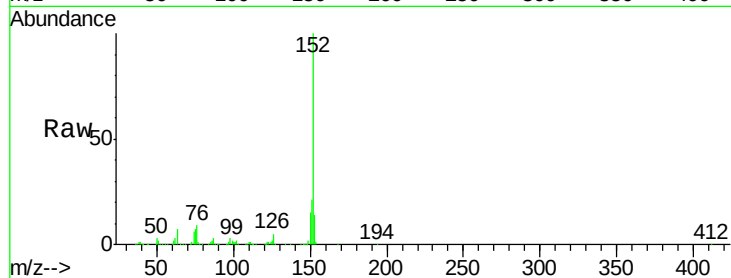
Tot Ion:152 Resp: 729406

Ion Ratio Lower Upper

152 100

151 20.5 17.2 25.8

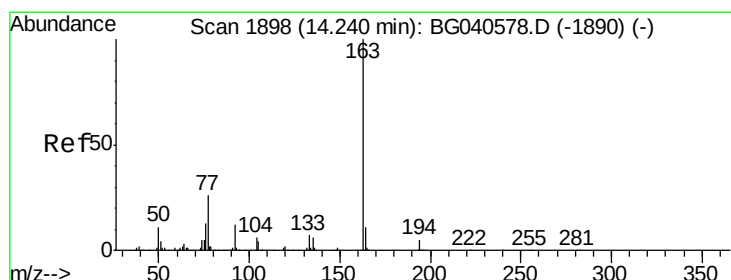
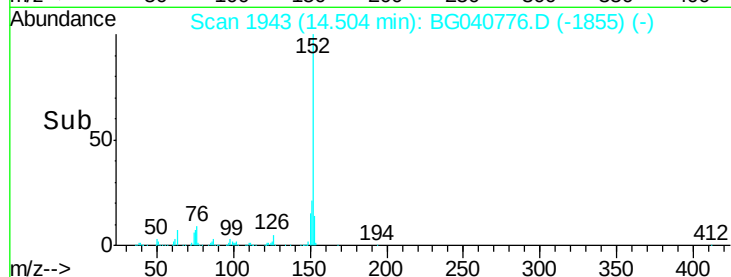
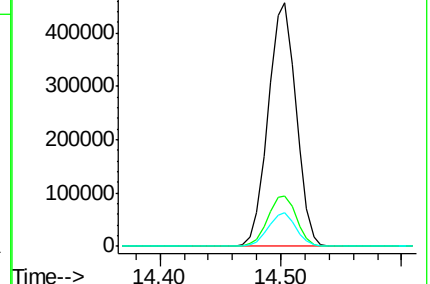
153 14.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 60.494 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

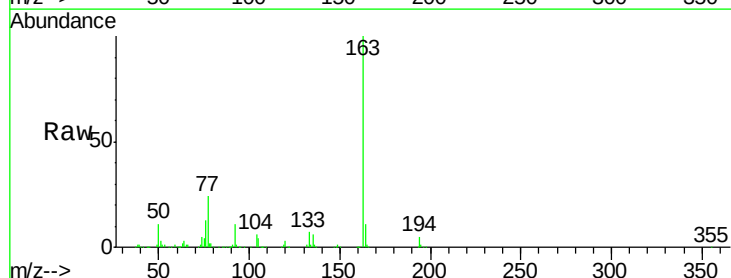
Tgt Ion:163 Resp: 638717

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

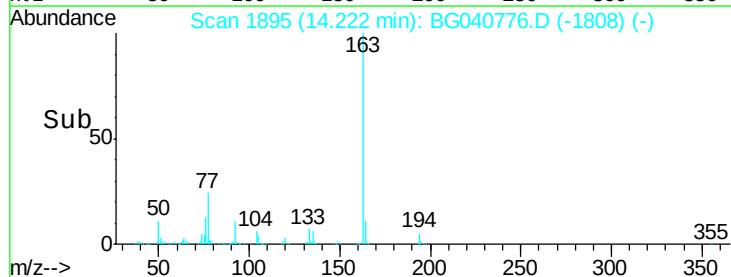
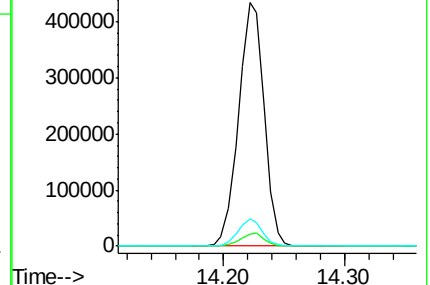
164 11.3 8.8 13.2

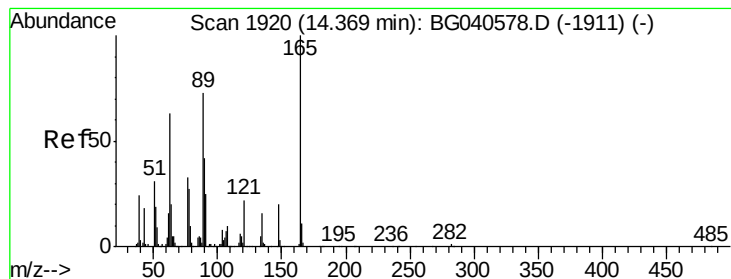


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 67.646 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

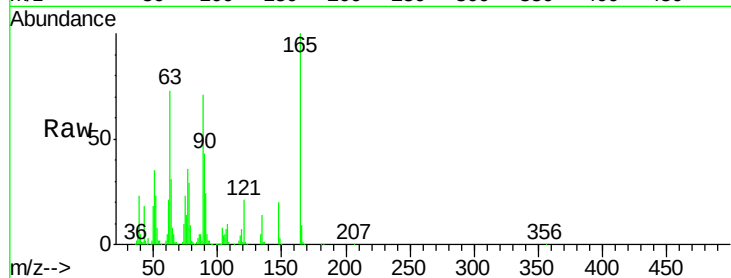
Tot Ion:165 Resp: 139395

Ion Ratio Lower Upper

165 100

63 73.3 61.0 91.4

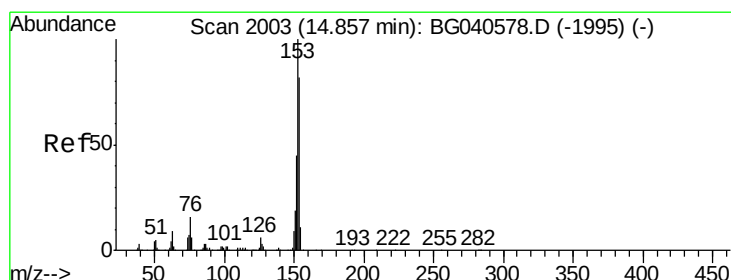
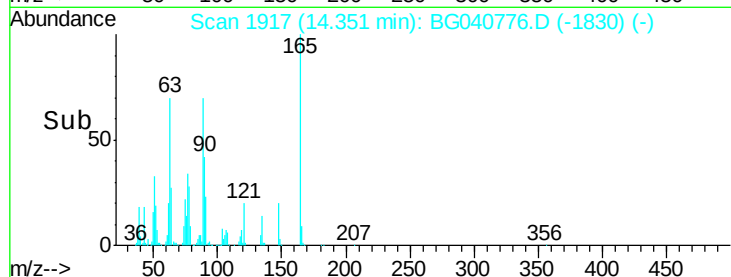
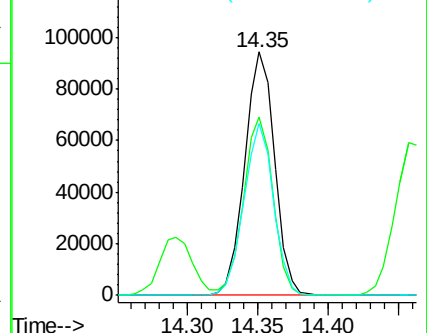
89 70.6 58.6 87.8



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: 56.443 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

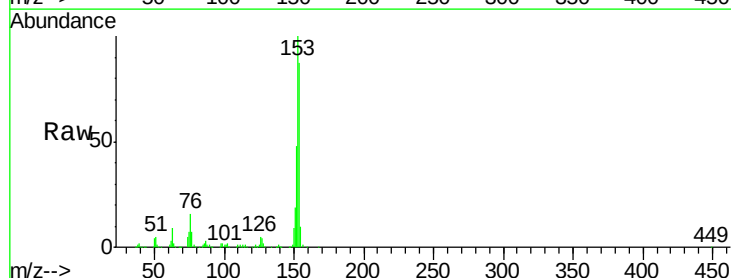
Tgt Ion:154 Resp: 427607

Ion Ratio Lower Upper

154 100

153 115.5 97.0 145.6

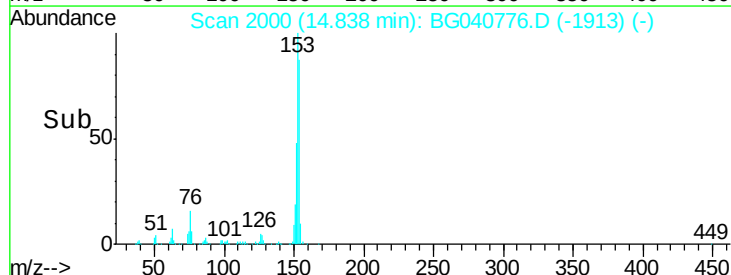
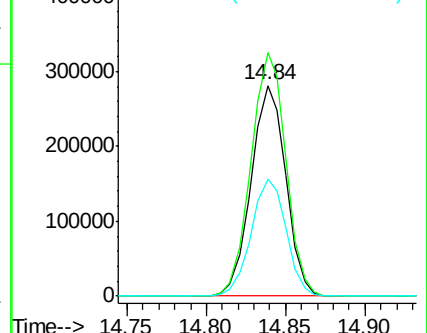
152 55.6 44.1 66.1

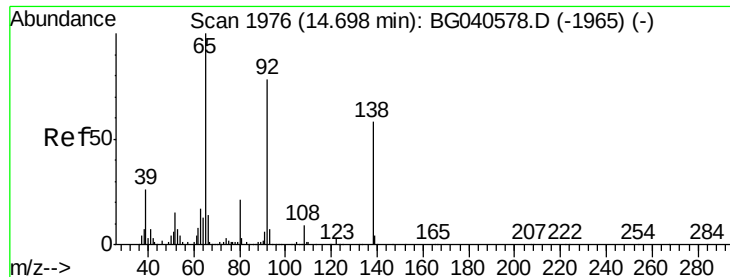


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

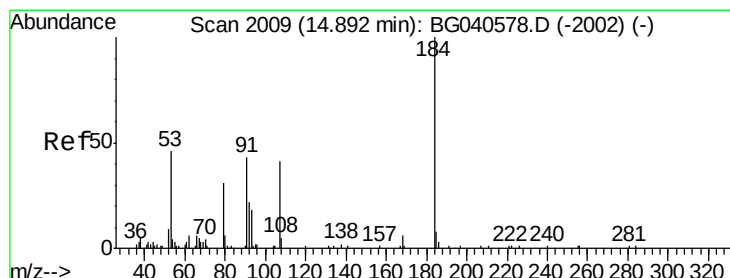
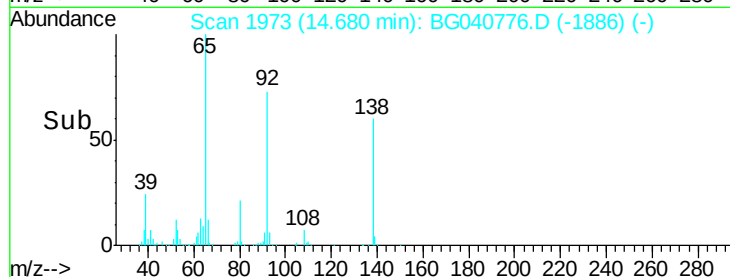
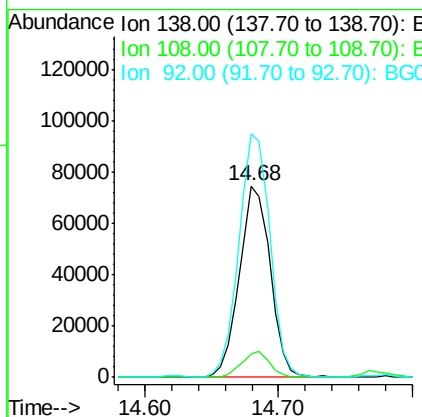
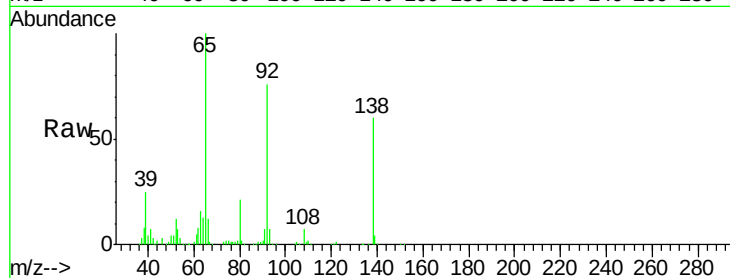




#53
3-Nitroaniline
Concen: 56.525 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

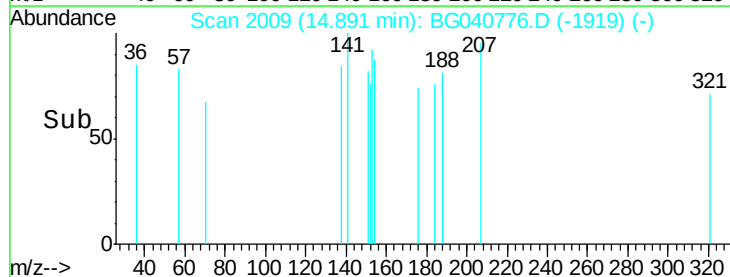
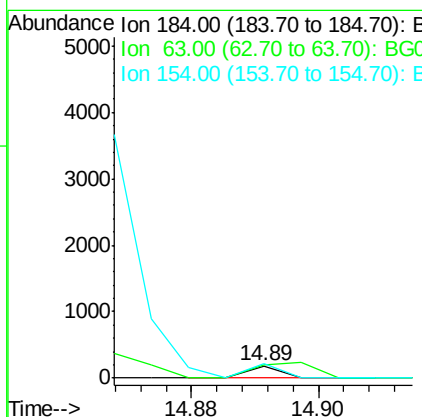
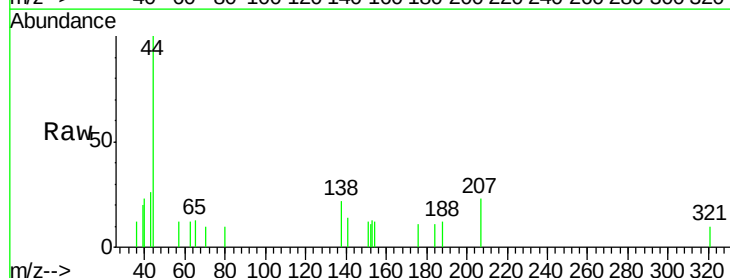
Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MS

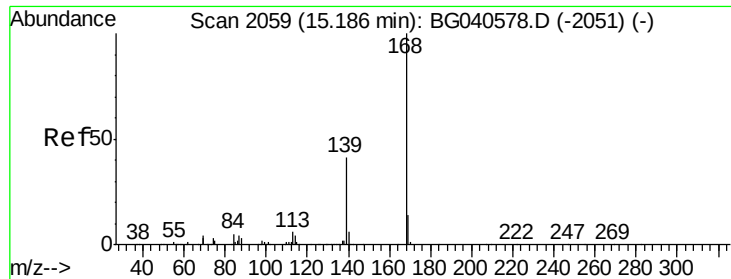
Tot Ion:138 Resp: 119345
Ion Ratio Lower Upper
138 100
108 12.5 12.4 18.6
92 127.1 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 7.066 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Tgt Ion:184 Resp: 65
Ion Ratio Lower Upper
184 100
63 108.7 51.8 77.6#
154 114.2 43.6 65.4#





#55

Dibenzenofuran

Concen: 60.630 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

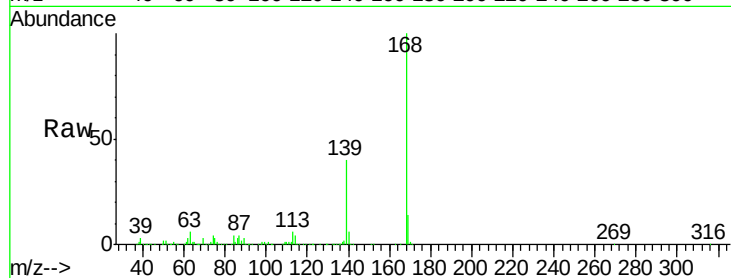
Tot Ion:168 Resp: 752350

Ion Ratio Lower Upper

168 100

139 40.4 33.0 49.4

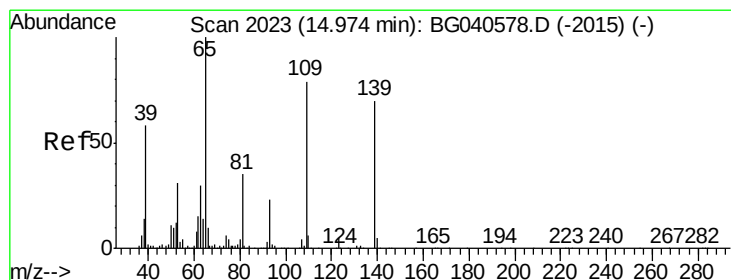
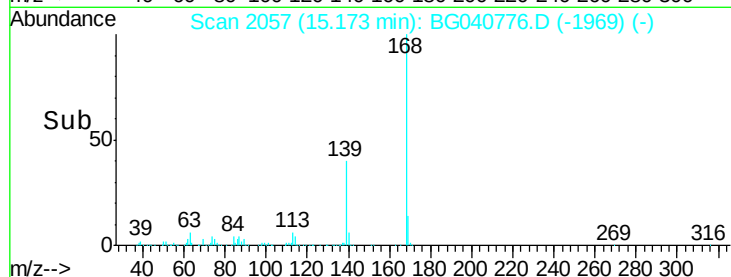
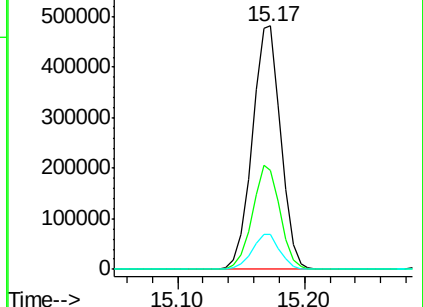
169 14.3 11.0 16.4



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: 10.780 ng

RT: 14.96 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

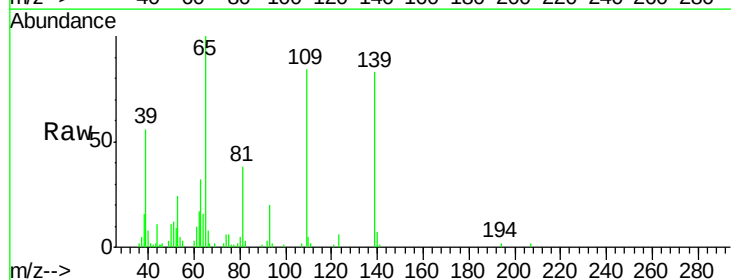
Tgt Ion:139 Resp: 19736

Ion Ratio Lower Upper

139 100

109 100.5 93.8 133.8

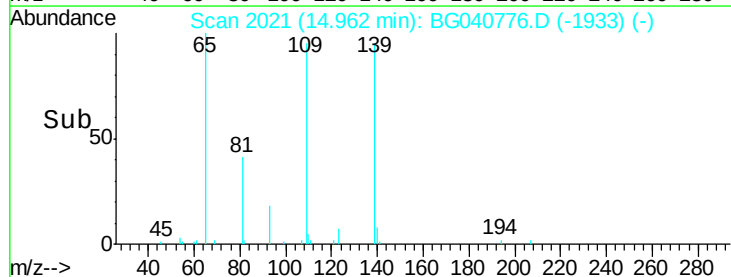
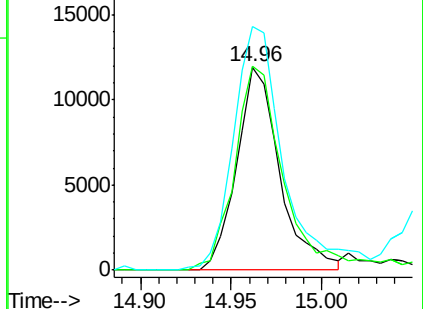
65 119.9 122.7 162.7#

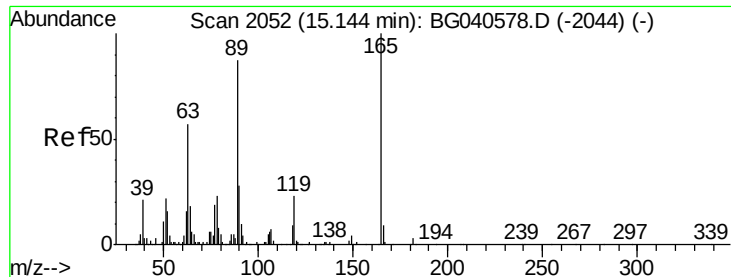


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

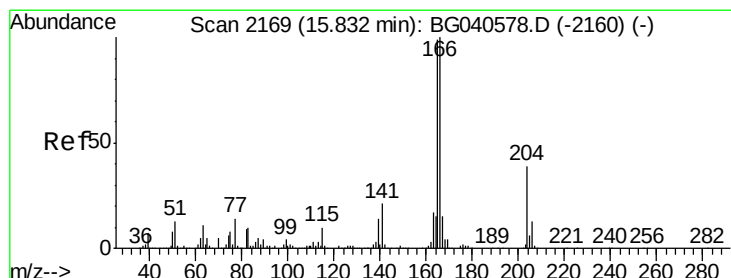
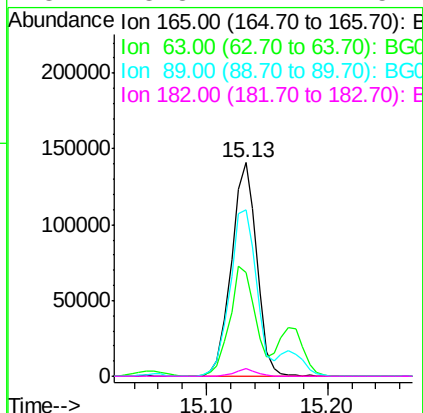
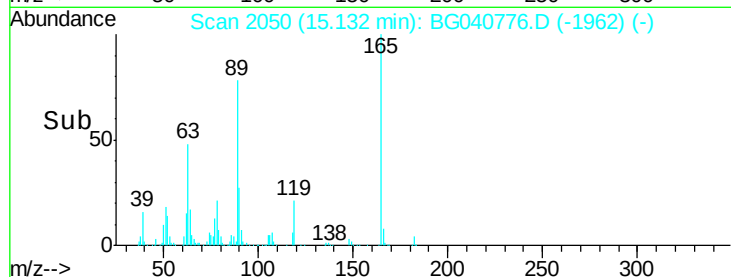
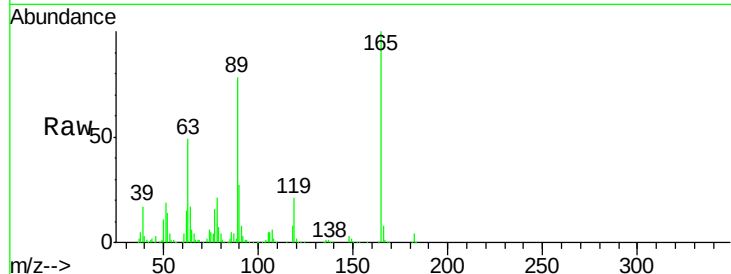




#57
 2,4-Dinitrotoluene
 Concen: 73.485 ng
 RT: 15.13 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

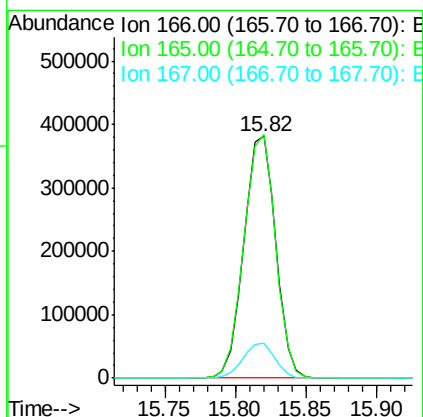
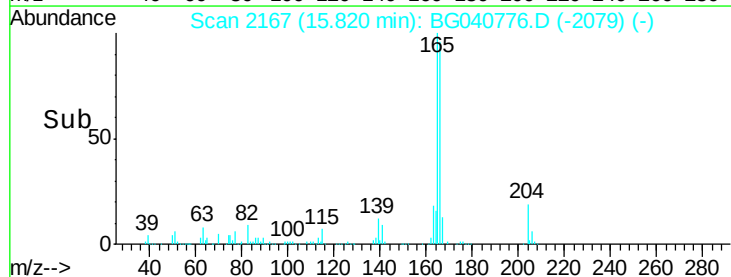
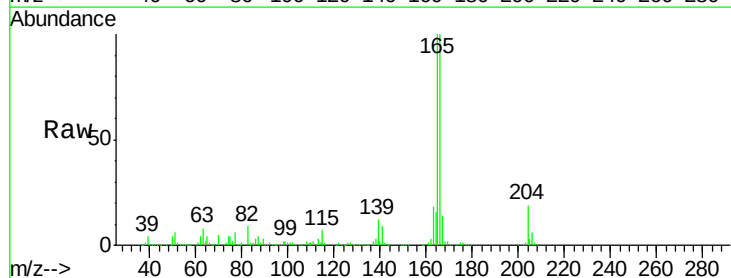
Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MS

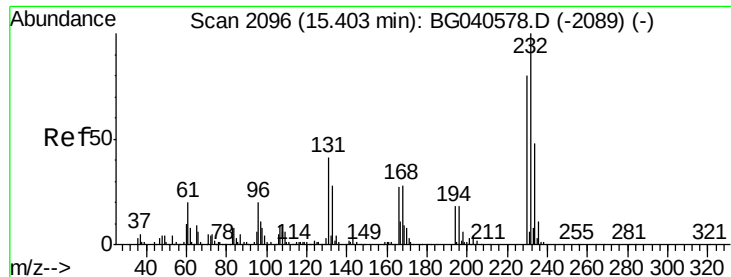
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.7	45.8	68.8
89	78.2	69.4	104.2
182	3.8	2.2	3.4#



#58
 Fluorene
 Concen: 60.070 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.6	119.4
167	14.6	12.2	18.2

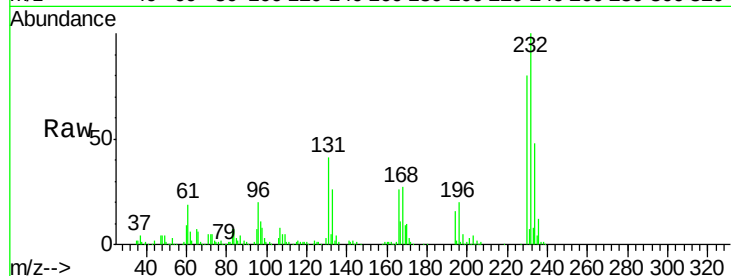




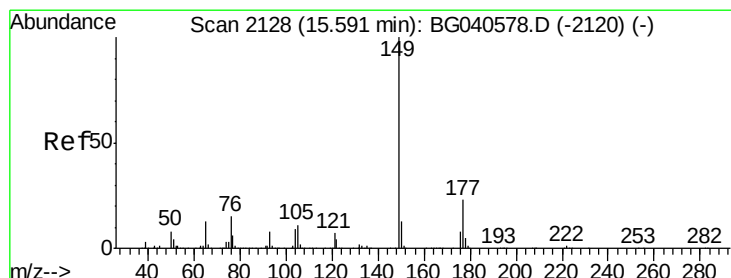
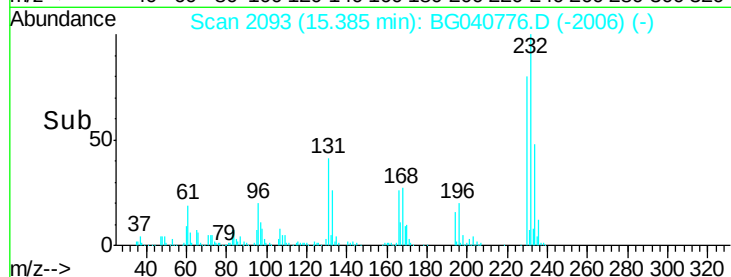
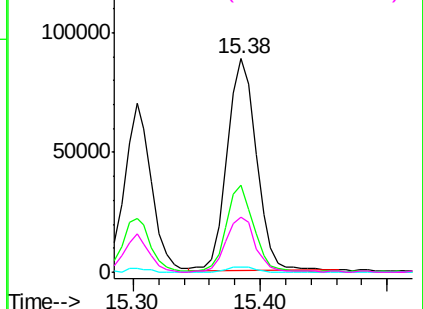
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.373 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MS

Tot Ion:	232	Resp:	141331
Ion	Ratio	Lower	Upper
232	100		
131	38.3	33.0	49.4
130	2.6	2.0	3.0
166	26.6	22.1	33.1

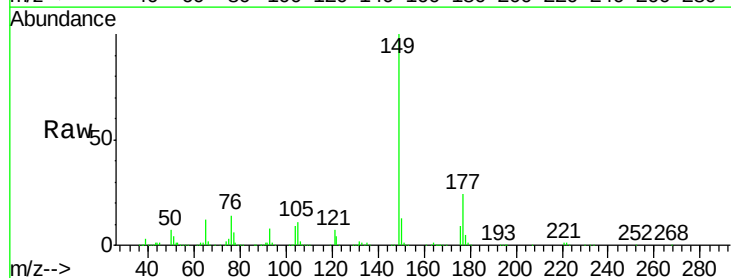


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

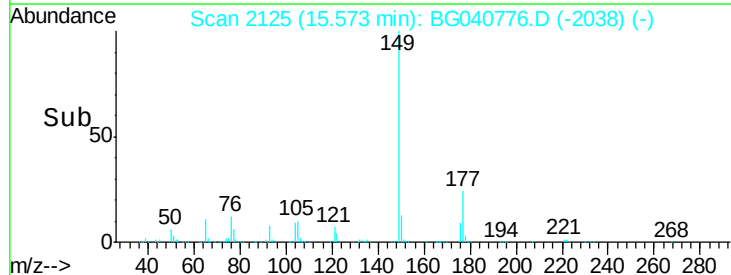
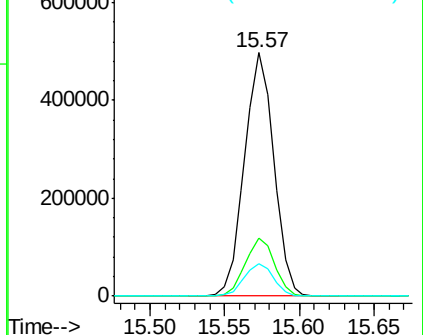


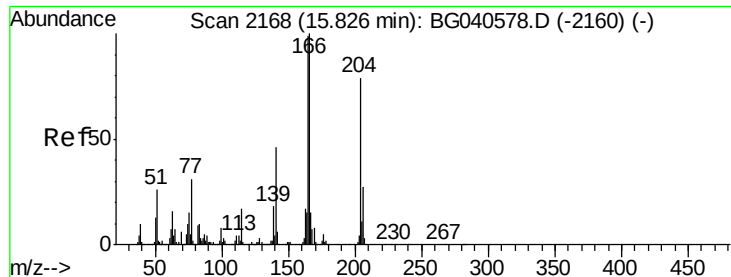
#60
 Diethylphthalate
 Concen: 60.605 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

Tgt Ion:	149	Resp:	675130
Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.5	27.7
150	13.4	10.2	15.4



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





#61

4-Chlorophenyl-phenylether

Concen: 64.593 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

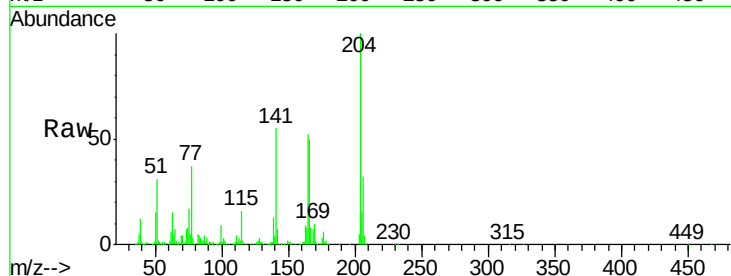
Tot Ion:204 Resp: 376789

Ion Ratio Lower Upper

204 100

206 32.1 27.4 41.2

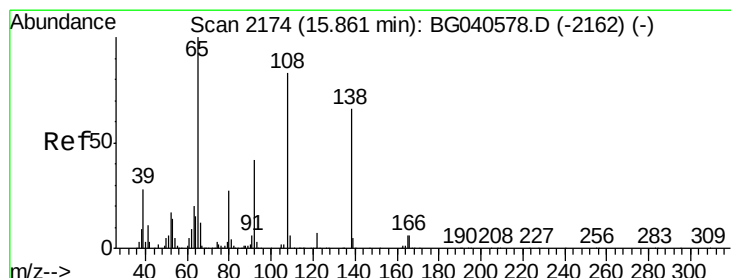
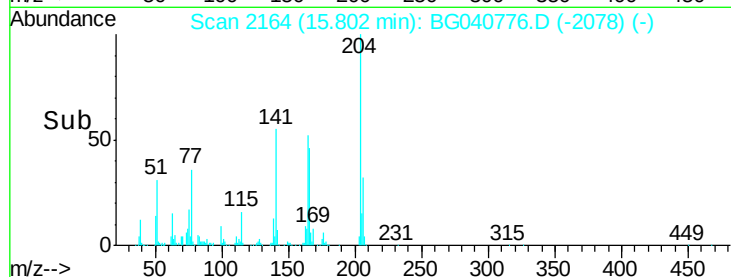
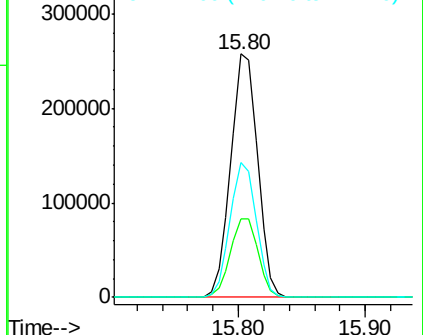
141 55.5 46.0 69.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 59.246 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

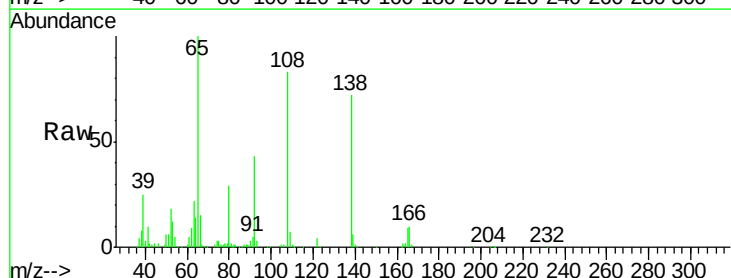
Tgt Ion:138 Resp: 139930

Ion Ratio Lower Upper

138 100

92 60.4 43.9 83.9

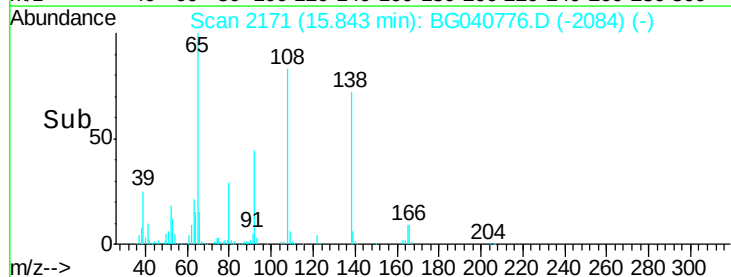
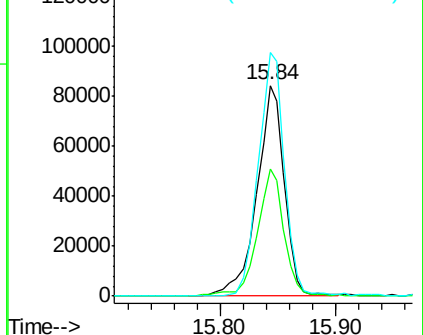
108 115.6 106.5 146.5

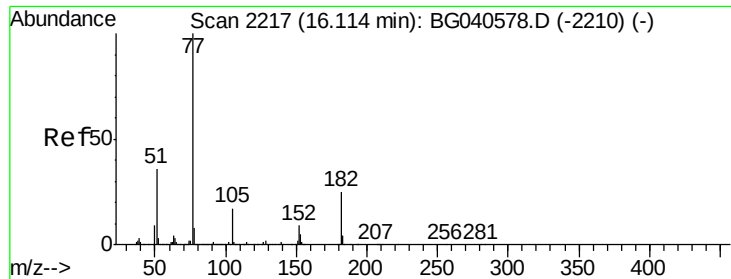


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

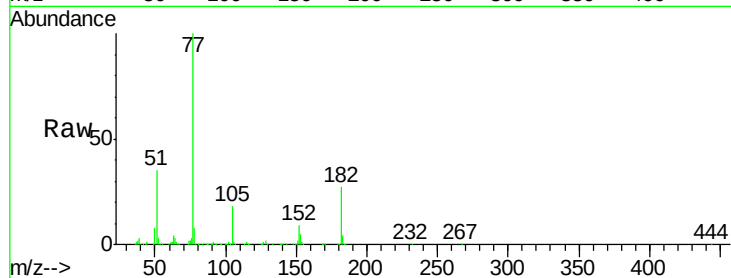




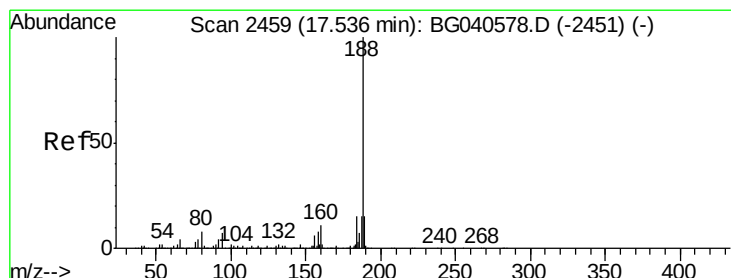
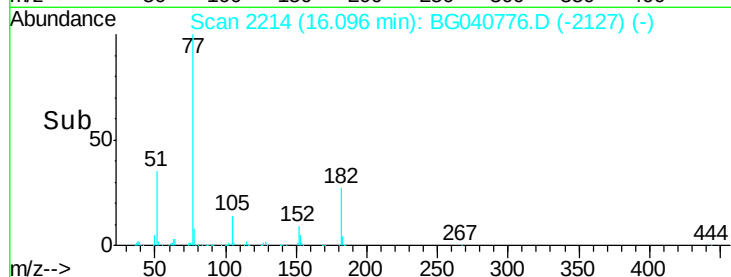
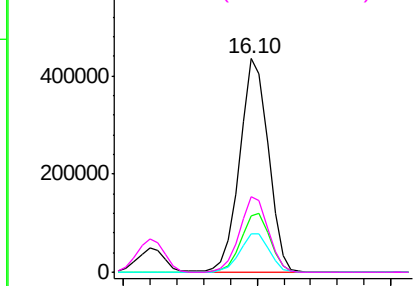
#63
Azobenzene
Concen: 56.257 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MS

Tot Ion:	77	Resp:	645401
Ion	Ratio	Lower	Upper
77	100		
182	26.6	5.0	45.0
105	17.8	0.0	37.6
51	35.2	16.3	56.3

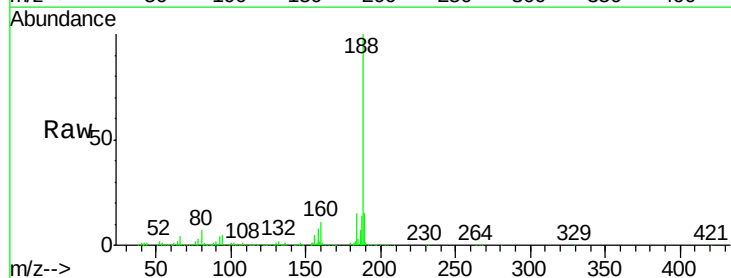


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

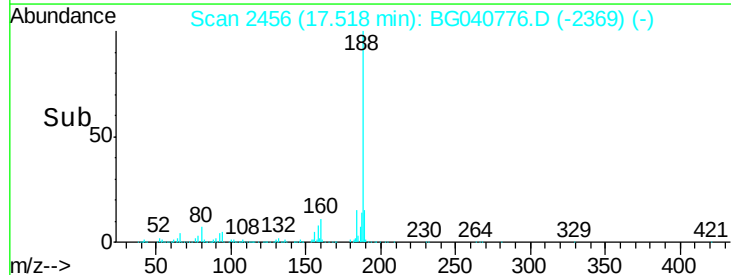
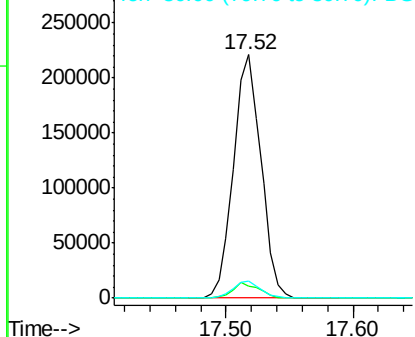


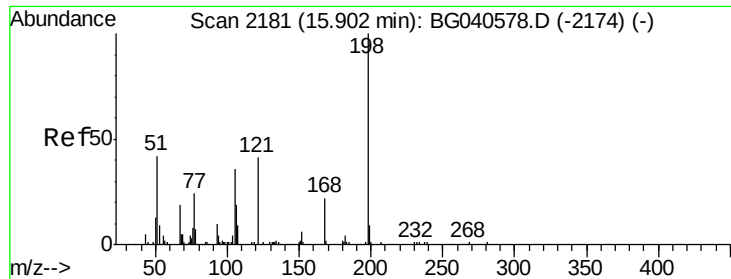
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Tgt Ion:	188	Resp:	330124
Ion	Ratio	Lower	Upper
188	100		
94	5.0	5.6	8.4#
80	6.9	6.4	9.6



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





#65

4,6-Dinitro-2-methylphenol

Concen: 9.769 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

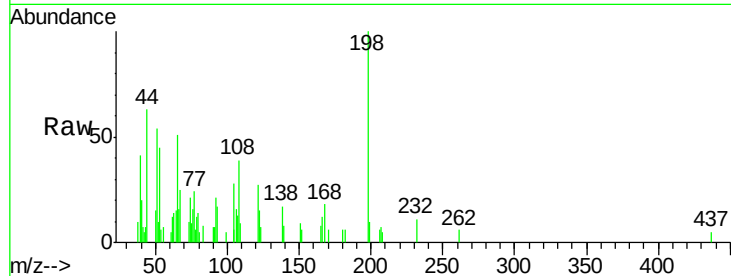
Tot Ion:198 Resp: 5093

Ion Ratio Lower Upper

198 100

51 54.2 35.9 75.9

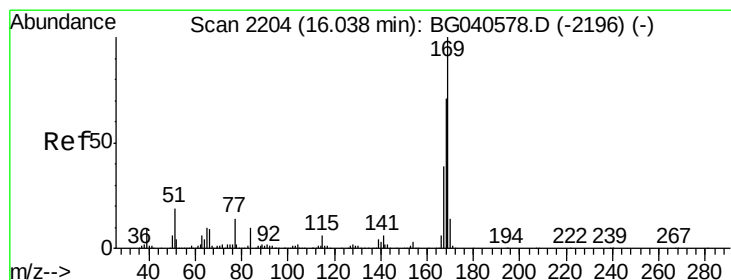
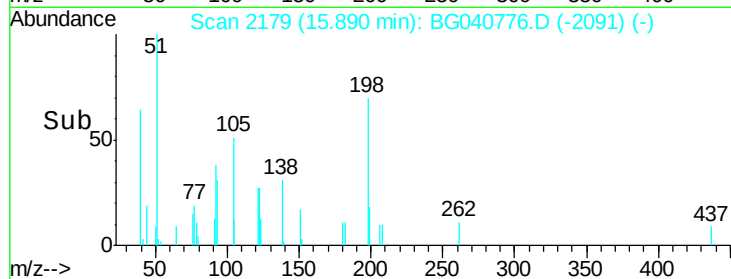
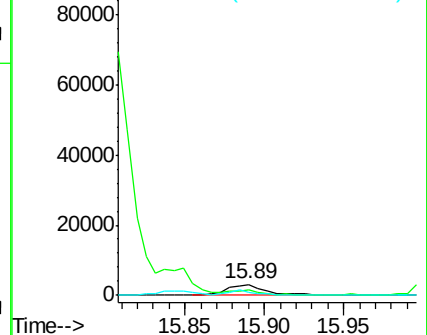
105 27.6 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 58.338 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

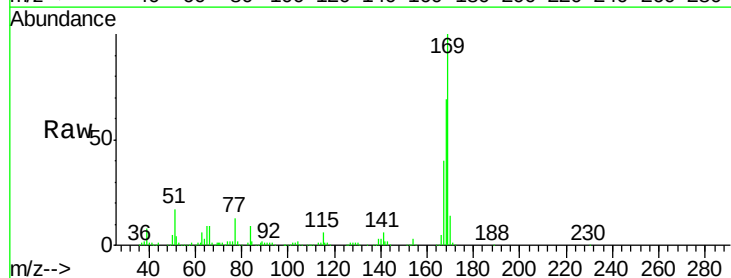
Tgt Ion:169 Resp: 566609

Ion Ratio Lower Upper

169 100

168 68.7 56.8 85.2

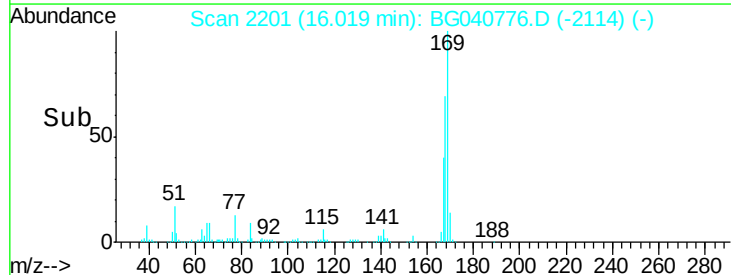
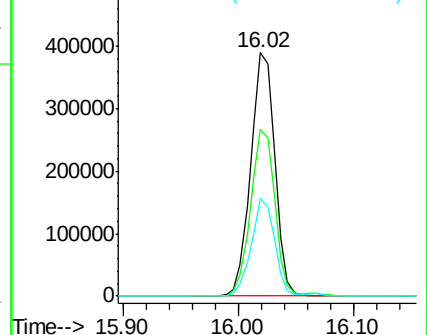
167 40.0 31.4 47.0

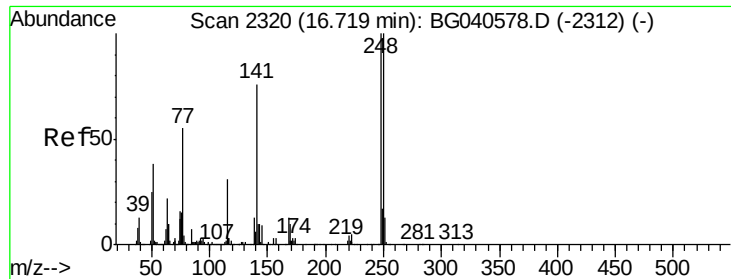


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

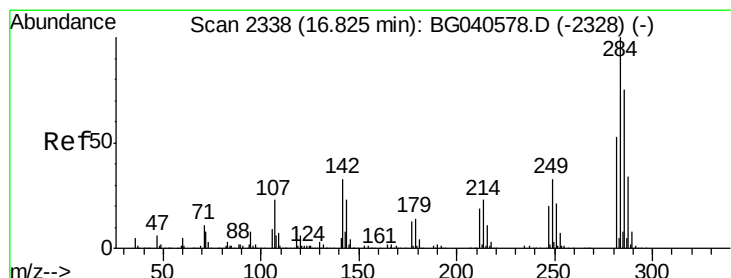
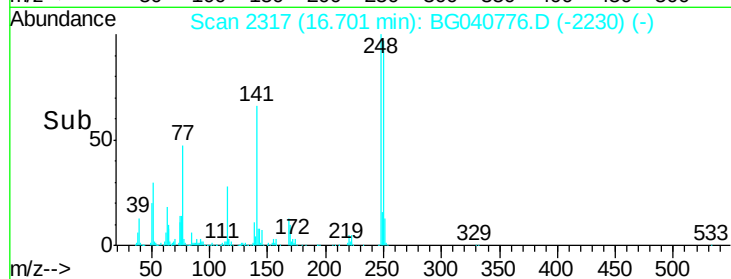
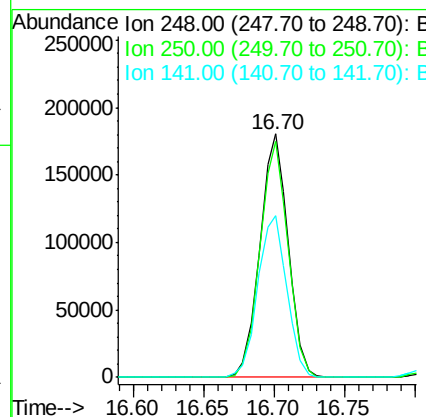
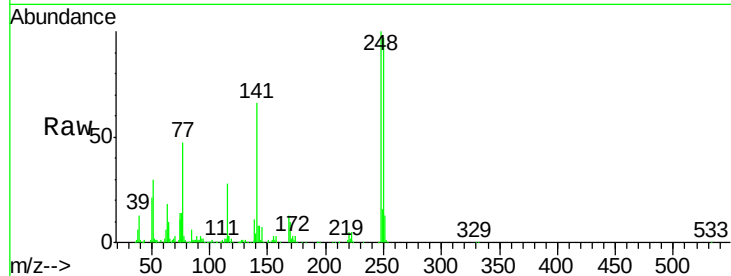




#67
4-Bromophenyl-phenylether
Concen: 61.595 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

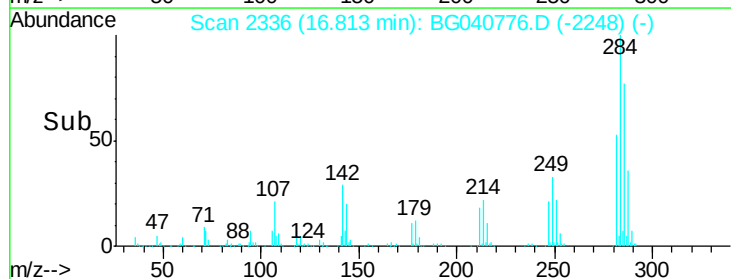
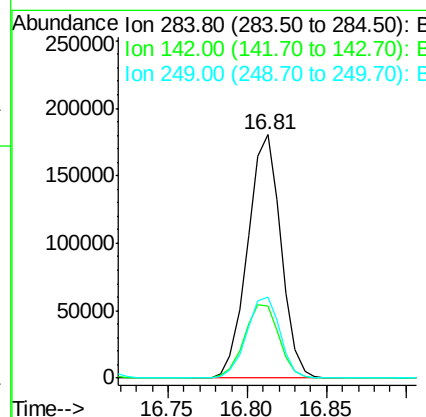
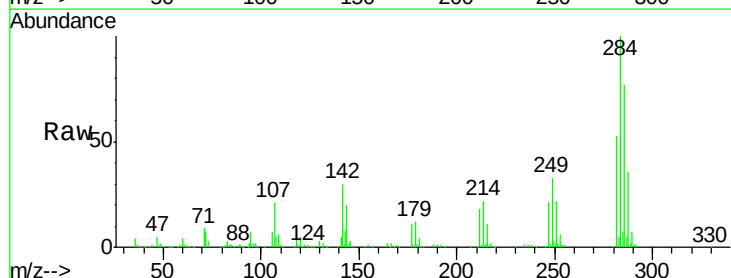
Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MS

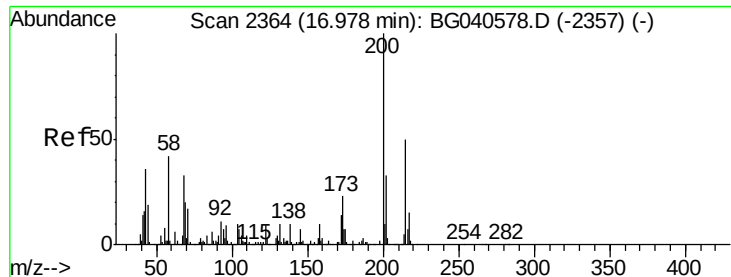
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.8	119.6
141	66.2	60.8	91.2



#68
Hexachlorobenzene
Concen: 61.725 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	26.6	40.0
249	33.4	26.0	39.0





#69

Atrazine

Concen: 63.206 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

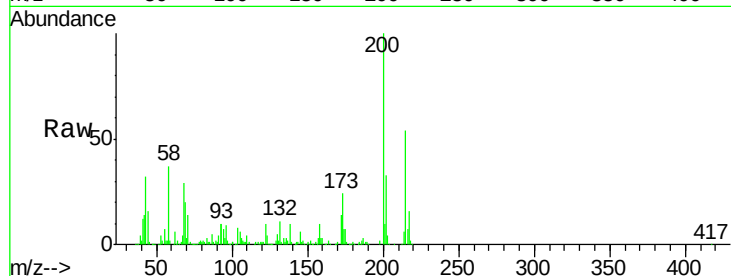
Tot Ion:200 Resp: 243221

Ion Ratio Lower Upper

200 100

173 23.7 2.8 42.8

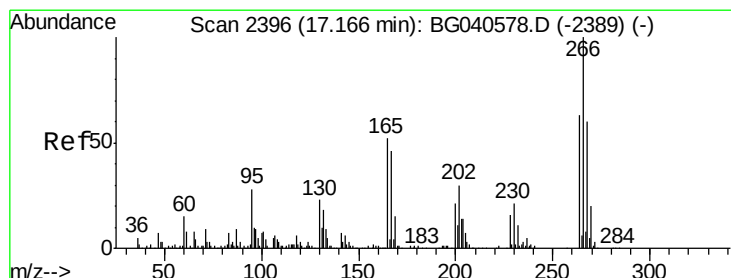
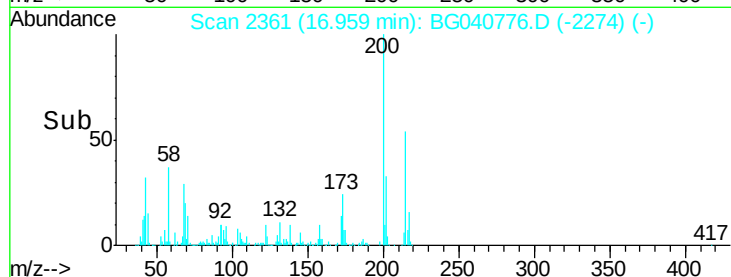
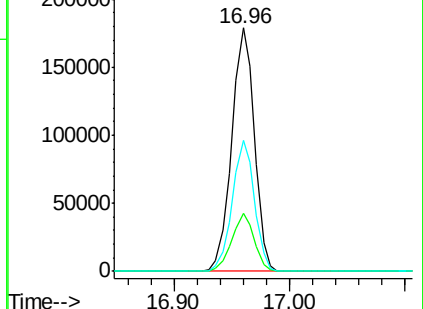
215 53.6 30.2 70.2



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: 48.158 ng

RT: 17.15 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

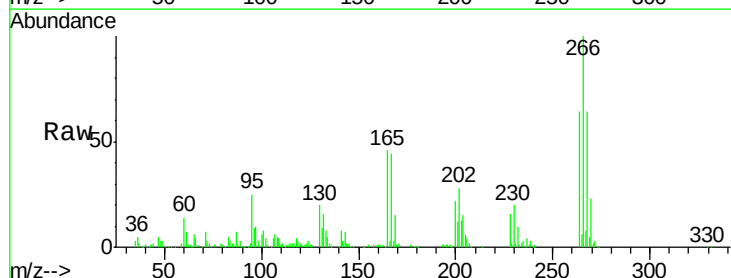
Tgt Ion:266 Resp: 119844

Ion Ratio Lower Upper

266 100

268 64.2 52.3 78.5

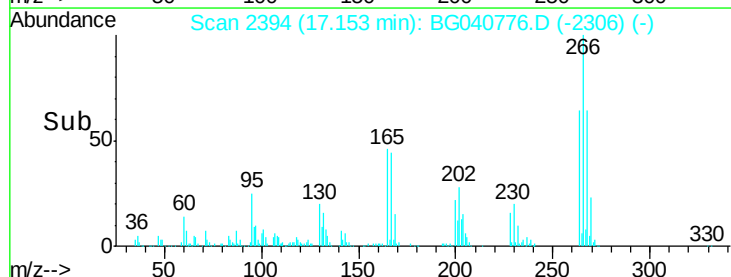
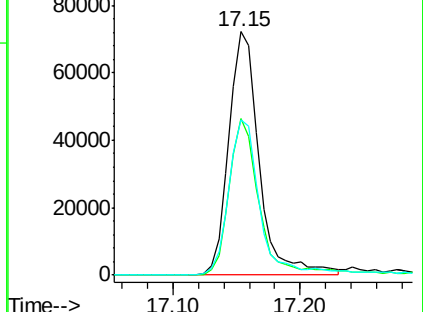
264 64.0 50.0 75.0

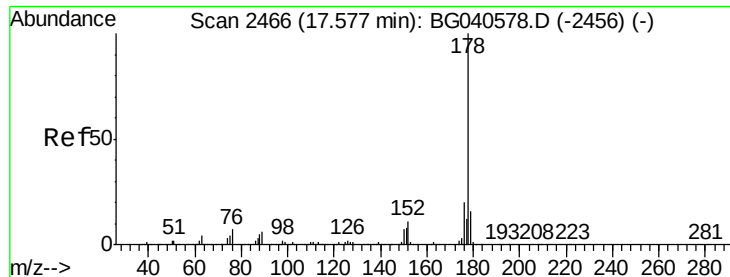


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

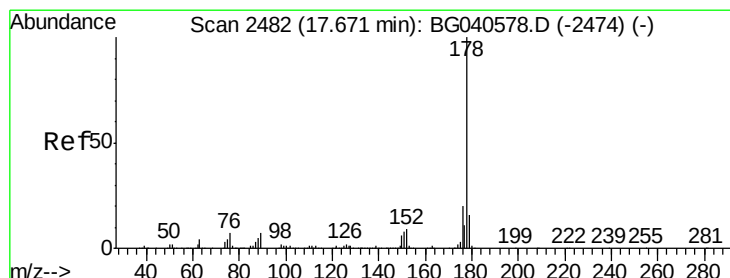
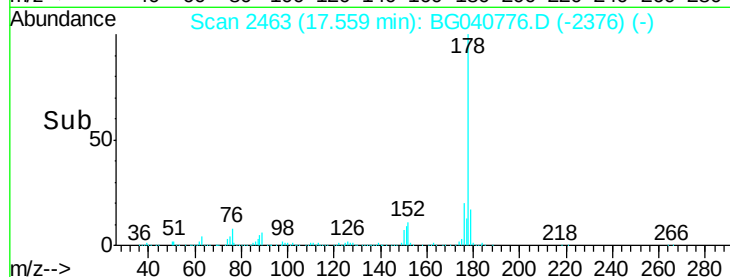
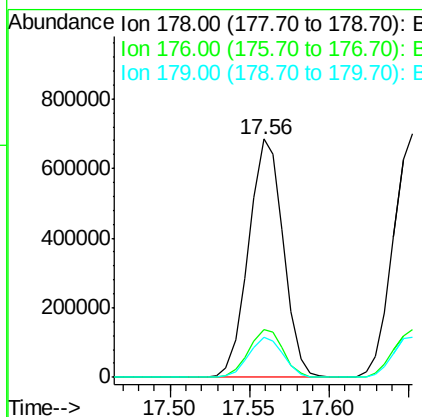
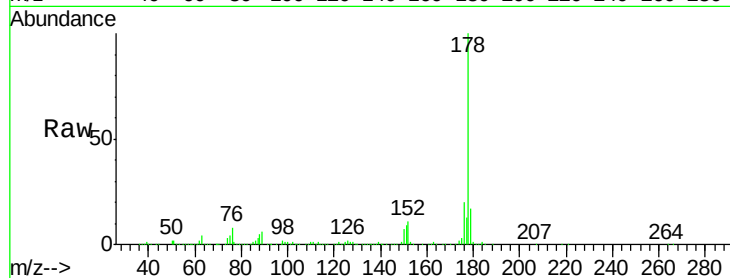




#71
Phenanthrene
Concen: 58.707 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

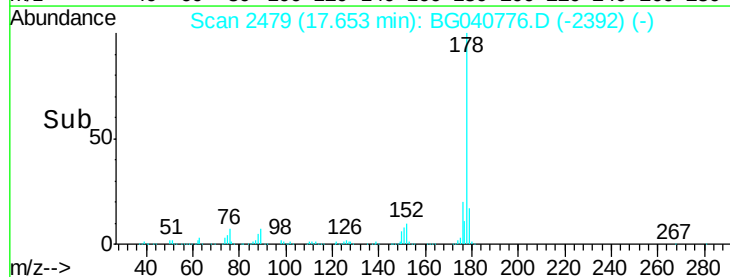
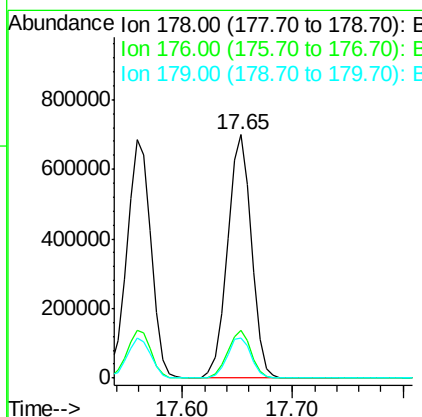
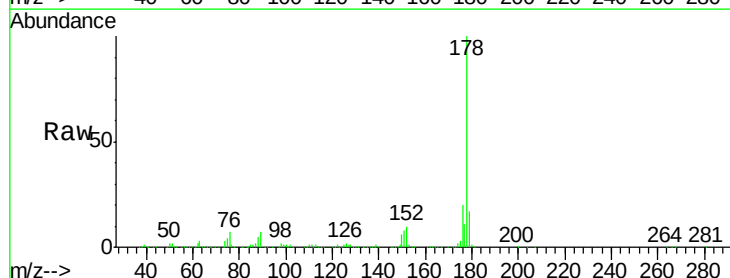
Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MS

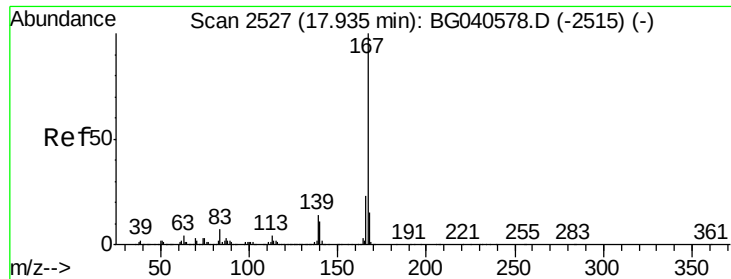
Tot Ion:178 Resp: 1043890
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 16.9 12.6 18.8



#72
Anthracene
Concen: 59.270 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Tgt Ion:178 Resp: 1059335
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.5 12.9 19.3

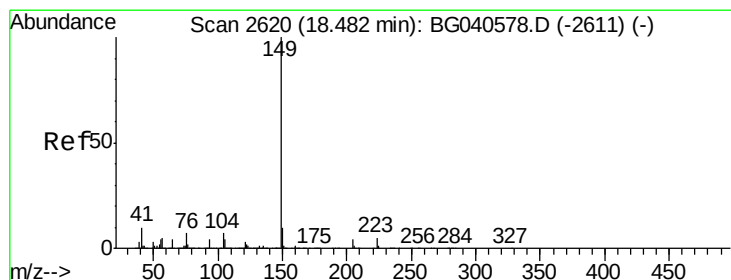
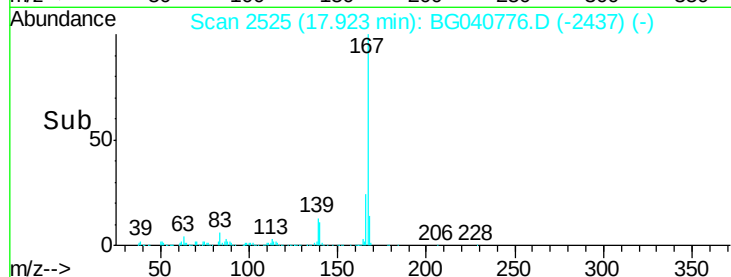
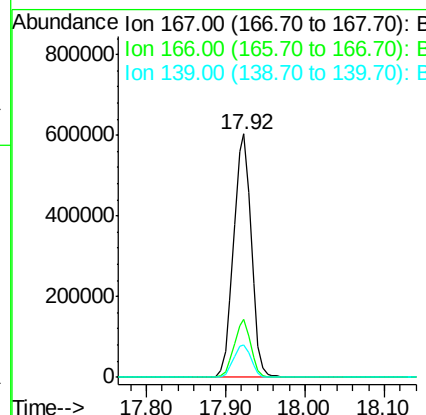
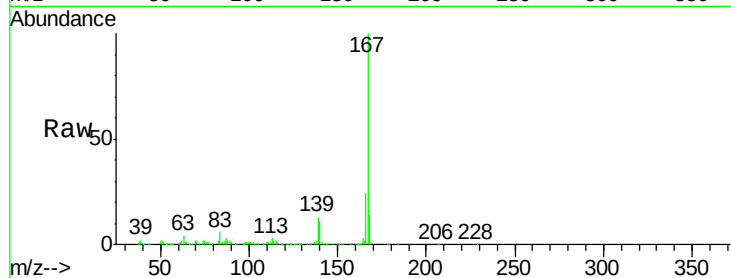




#73
 Carbazole
 Concen: 57.255 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

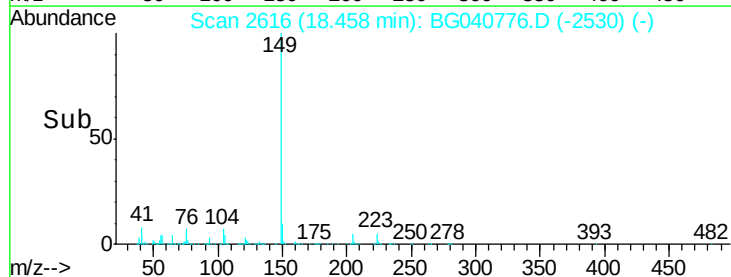
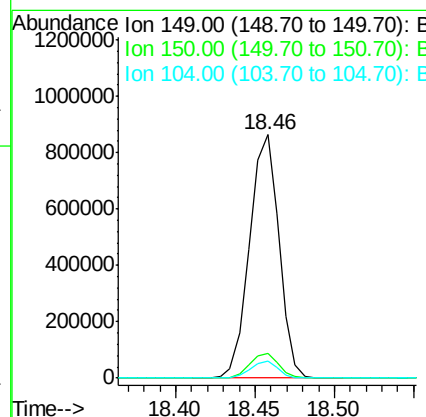
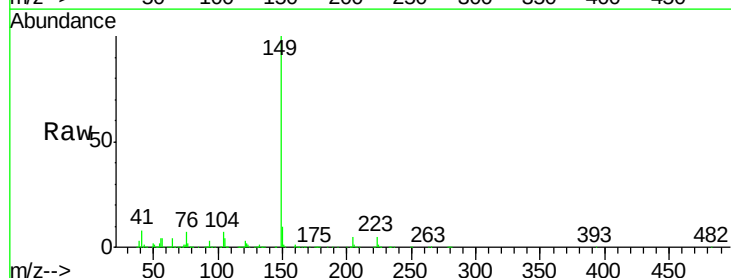
Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20190502MS

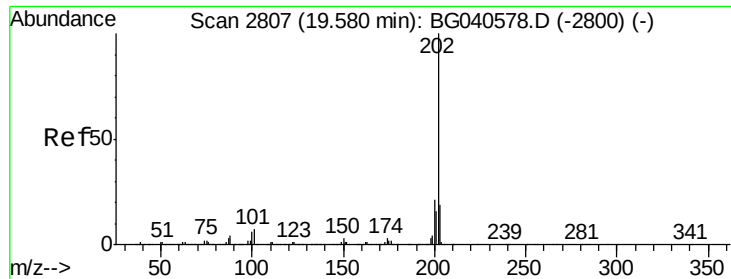
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.2	27.4
139	13.3	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 56.425 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BG040776.D
 Acq: 7 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	6.8	5.4	8.2





#75

Fluoranthene

Concen: 59.317 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

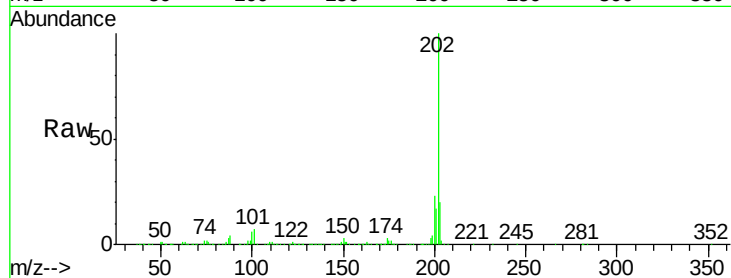
BNA_G

ClientSampleId :

MW-4-20190502MS

Tot Ion:202 Resp: 1314375

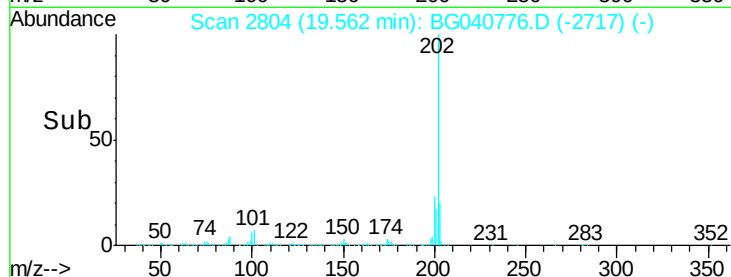
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	27.5
203	20.3	0.0	39.3



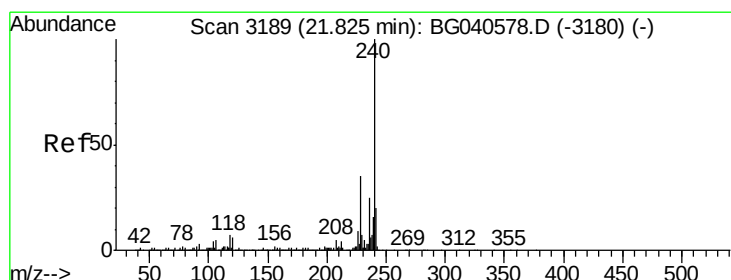
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

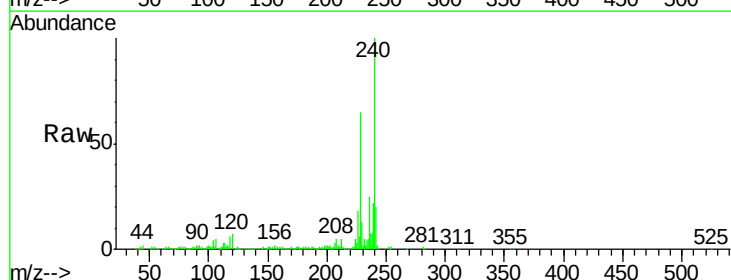
Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Tgt Ion:240 Resp: 320418

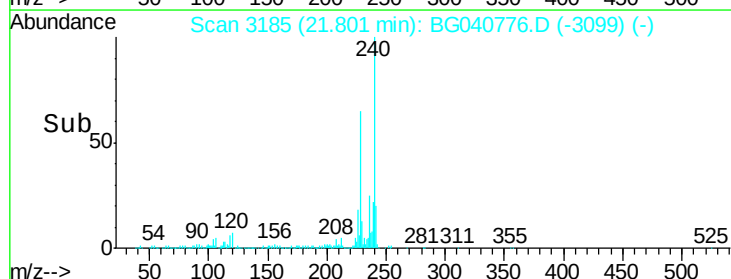
Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.0	7.6
236	25.2	20.3	30.5



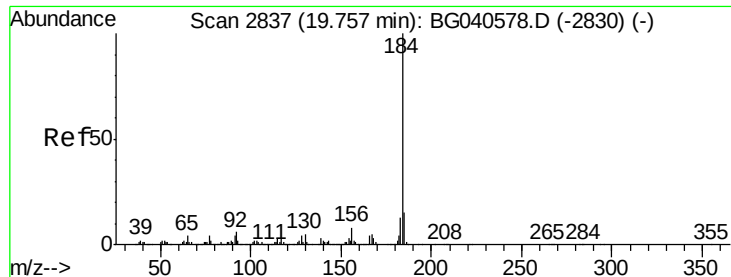
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 55.577 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

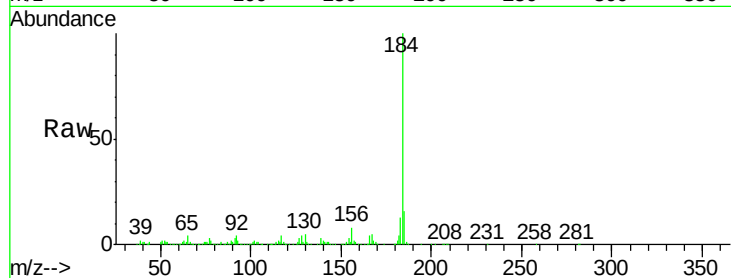
Tot Ion:184 Resp: 487584

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.8

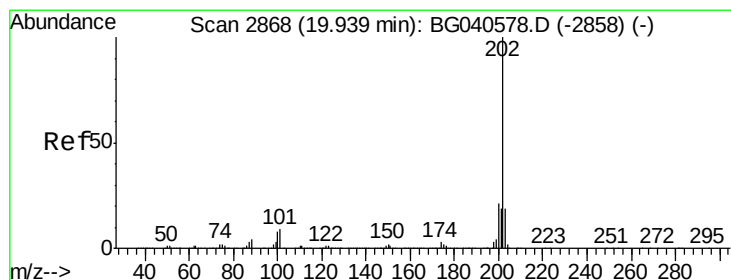
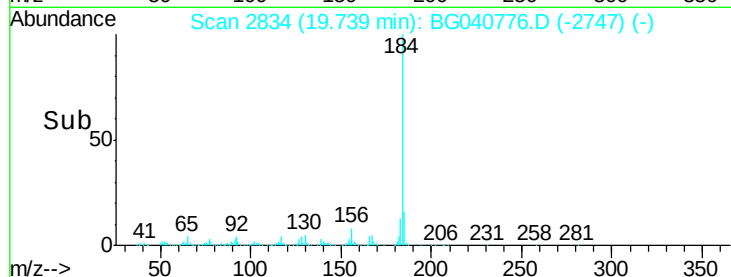
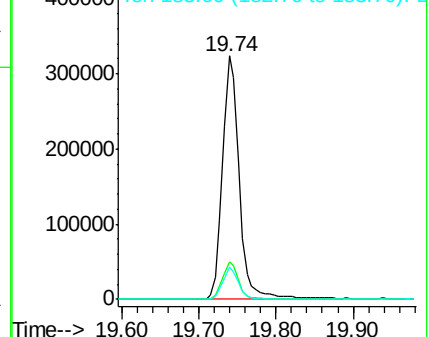
183 13.2 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 65.889 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

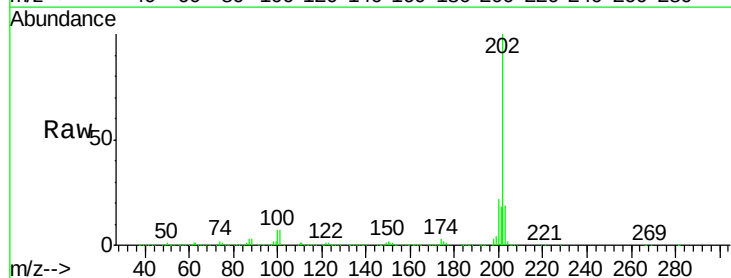
Tgt Ion:202 Resp: 1323203

Ion Ratio Lower Upper

202 100

200 22.2 17.2 25.8

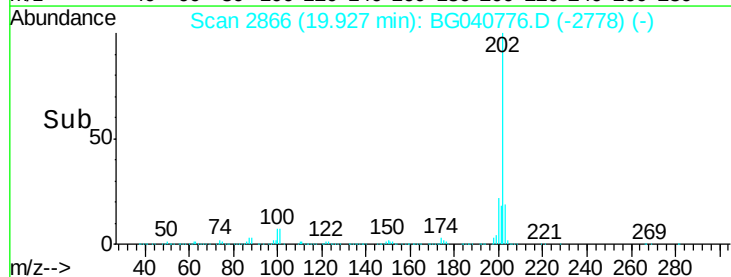
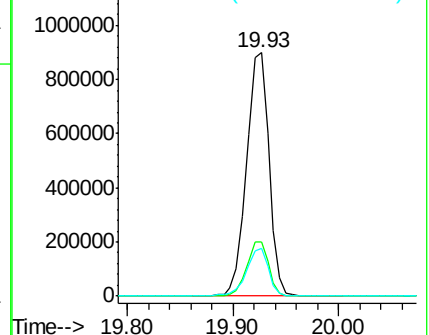
203 19.4 15.0 22.4

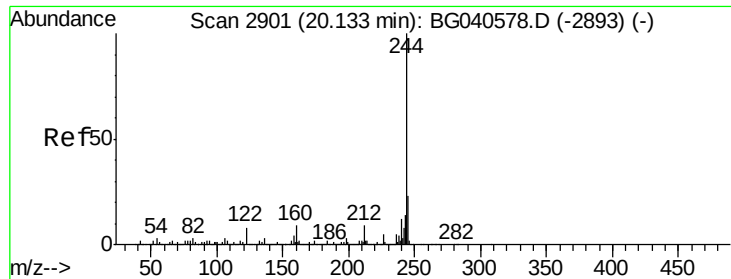


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 130.574 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

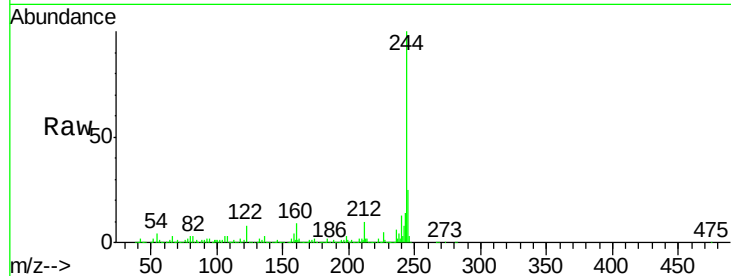
Tot Ion:244 Resp: 1888498

Ion Ratio Lower Upper

244 100

212 9.9 7.2 10.8

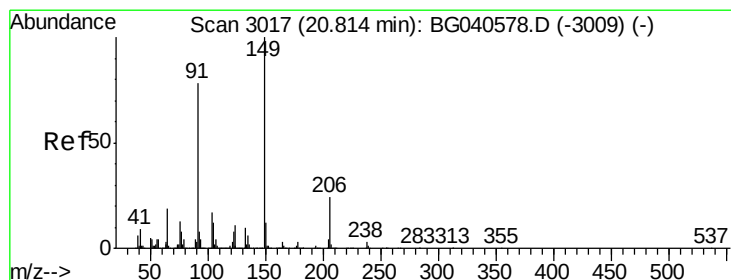
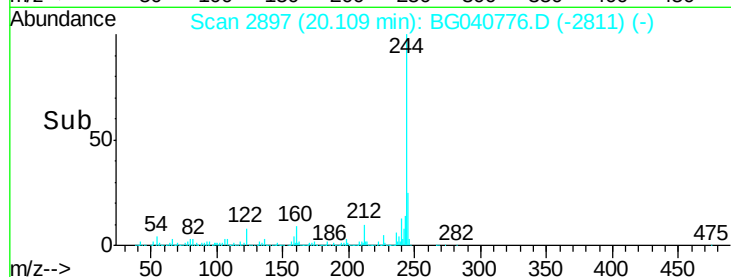
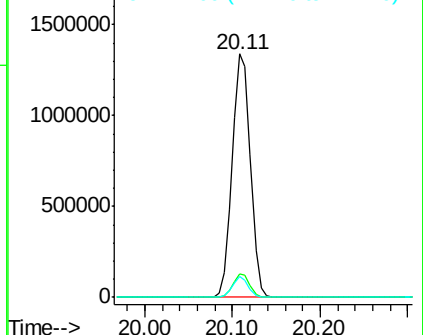
122 8.4 6.6 10.0



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: 65.489 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

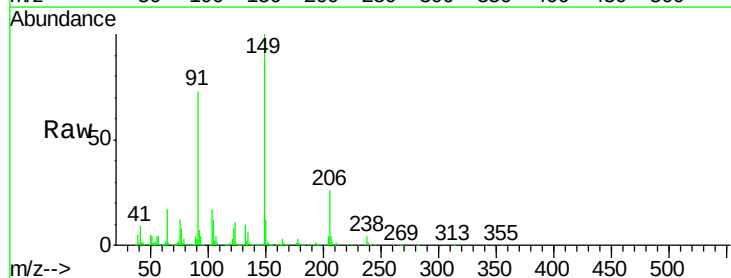
Tgt Ion:149 Resp: 512594

Ion Ratio Lower Upper

149 100

91 72.7 62.6 93.8

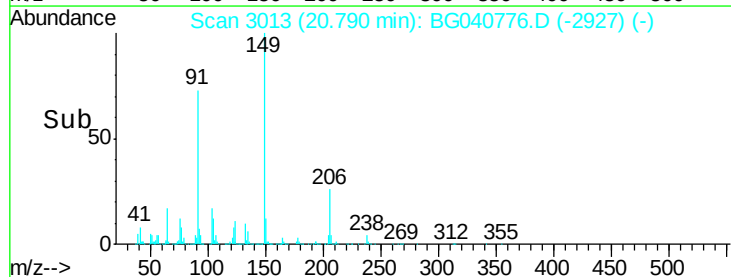
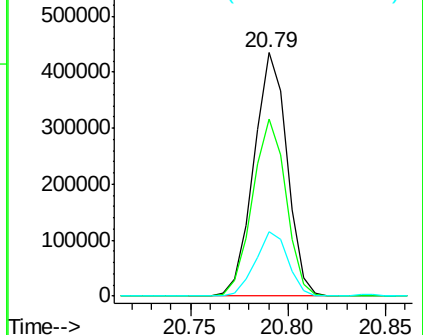
206 26.2 19.4 29.2

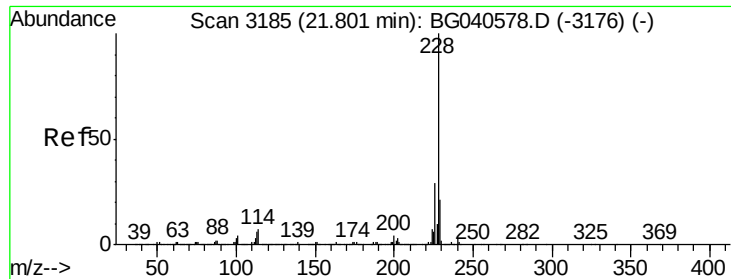


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 63.070 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

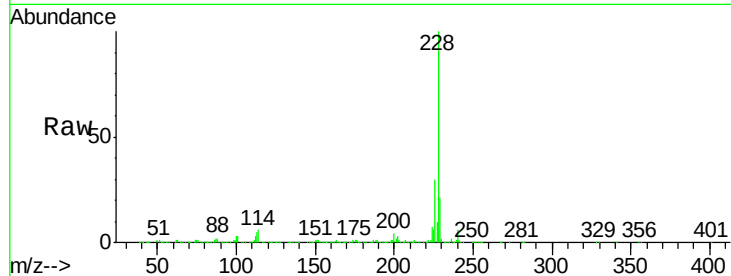
Tot Ion:228 Resp: 1277212

Ion Ratio Lower Upper

228 100

226 29.6 23.1 34.7

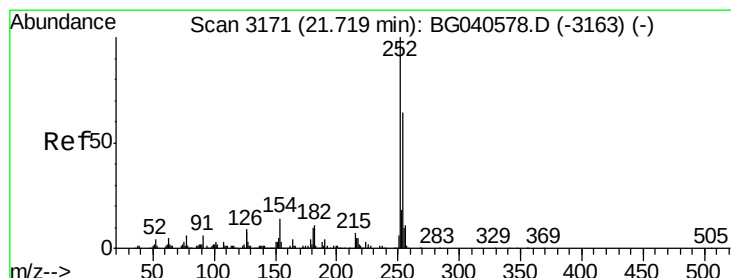
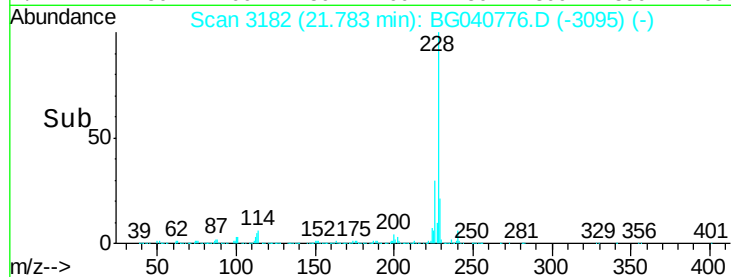
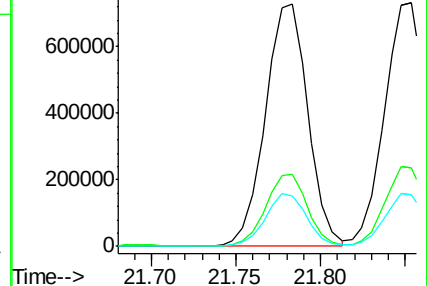
229 20.9 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 53.351 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

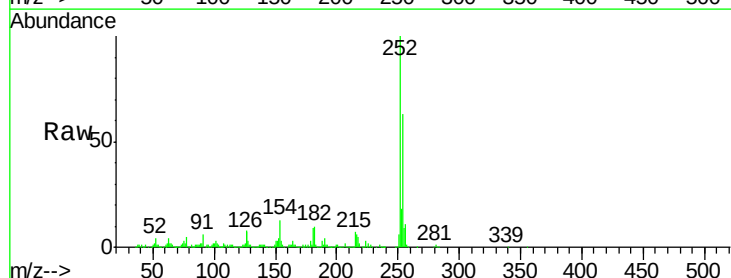
Tgt Ion:252 Resp: 385083

Ion Ratio Lower Upper

252 100

254 63.2 51.2 76.8

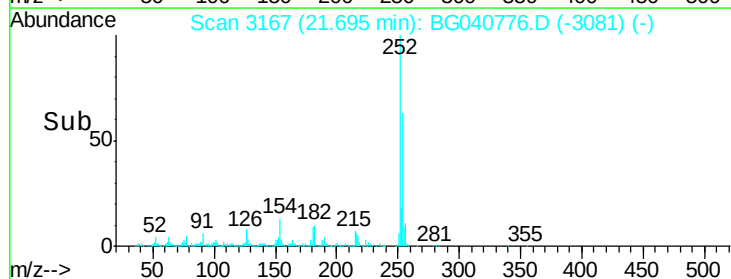
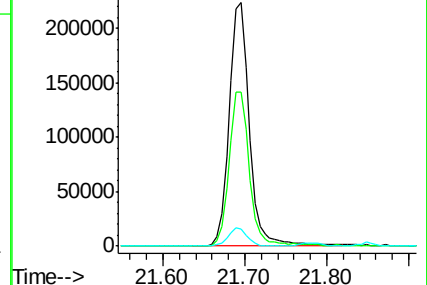
126 7.1 6.6 10.0

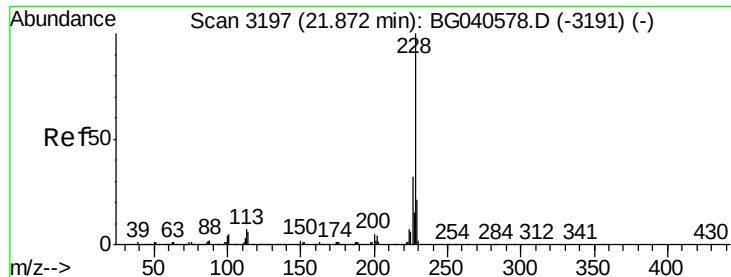


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 65.871 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

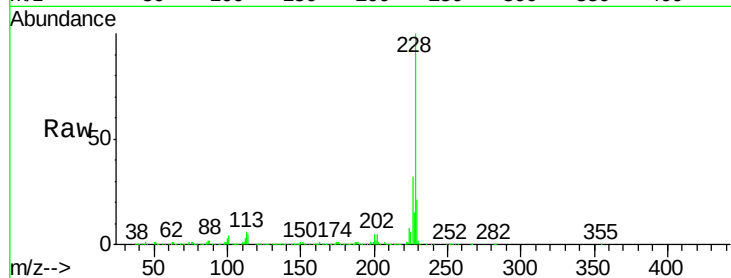
Tot Ion:228 Resp: 1268599

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.5	38.3
229	21.4	16.8	25.2

228 100

226 32.4 25.5 38.3

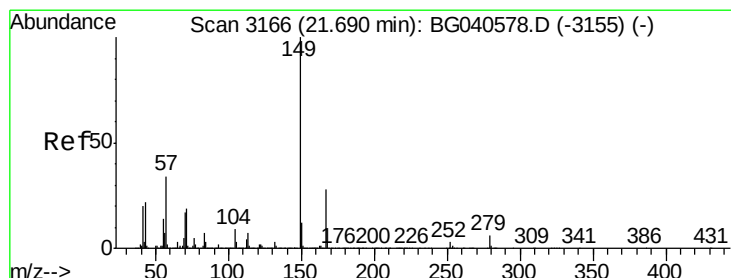
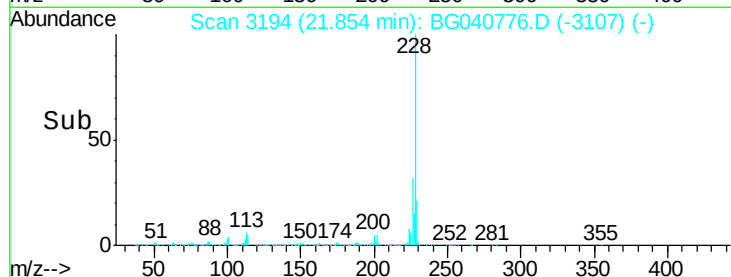
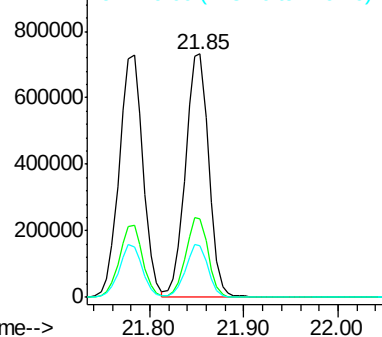
229 21.4 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.344 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.04 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

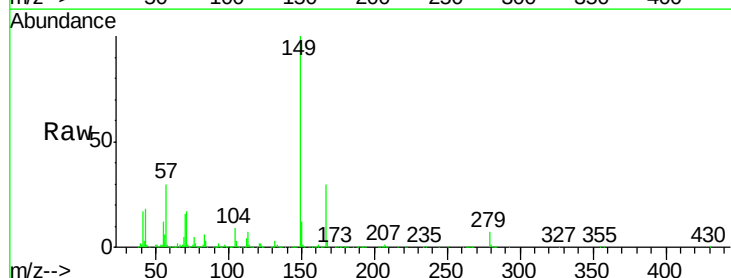
Tgt Ion:149 Resp: 715704

Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.4	33.6
279	6.6	4.6	6.8

149 100

167 30.2 22.4 33.6

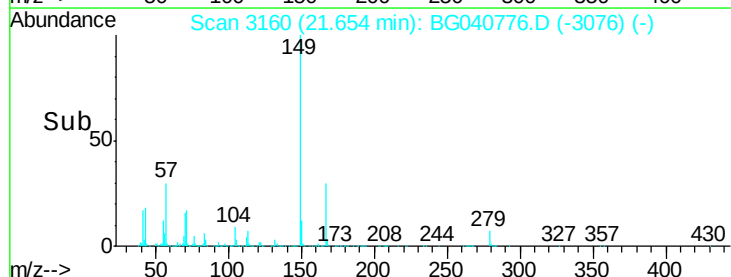
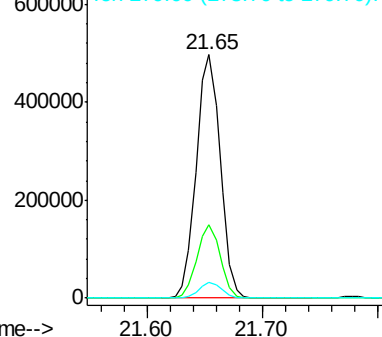
279 6.6 4.6 6.8

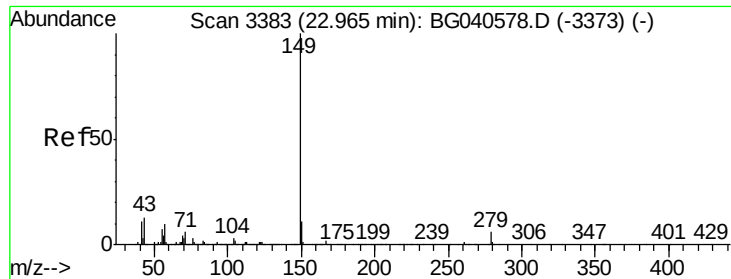


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

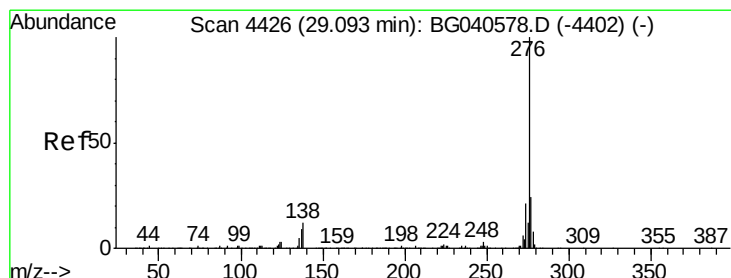
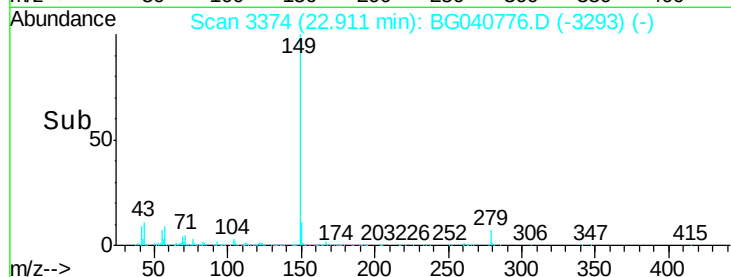
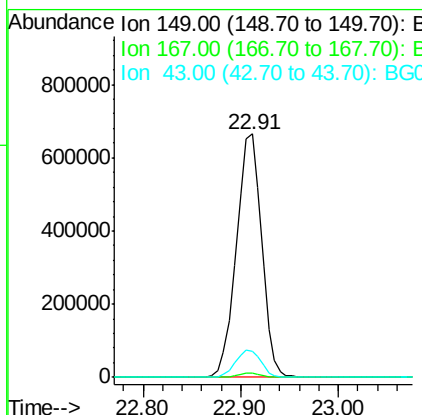
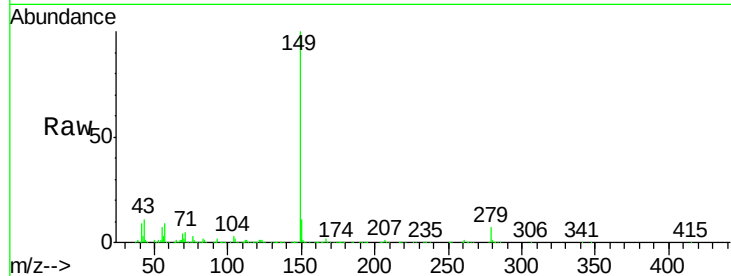




#85
Di-n-octyl phthalate
Concen: 63.242 ng
RT: 22.91 min Scan# 3374
Delta R.T. -0.05 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

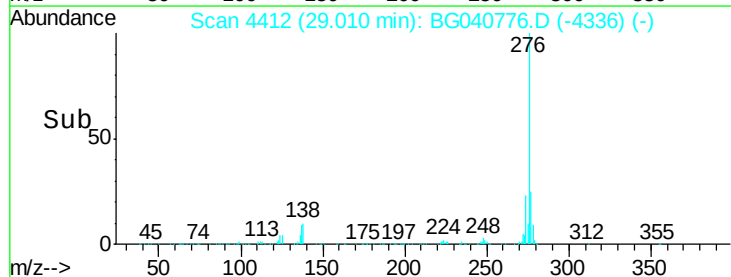
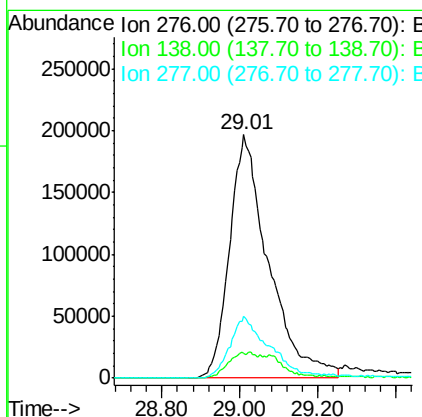
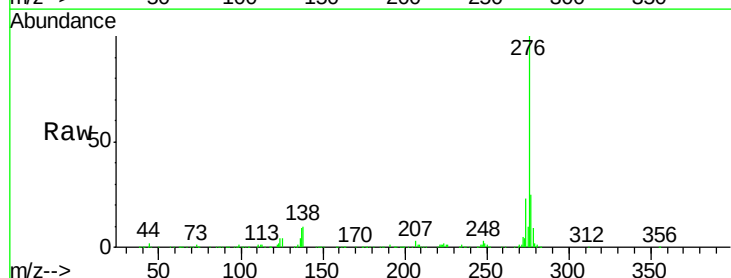
Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MS

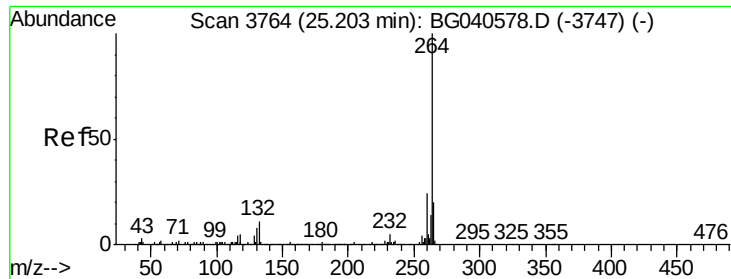
Tot Ion:149 Resp: 1203394
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 11.3 10.2 15.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 58.640 ng
RT: 29.01 min Scan# 4412
Delta R.T. -0.08 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Tgt Ion:276 Resp: 1365441
Ion Ratio Lower Upper
276 100
138 5.1 9.8 14.6#
277 25.6 17.3 25.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

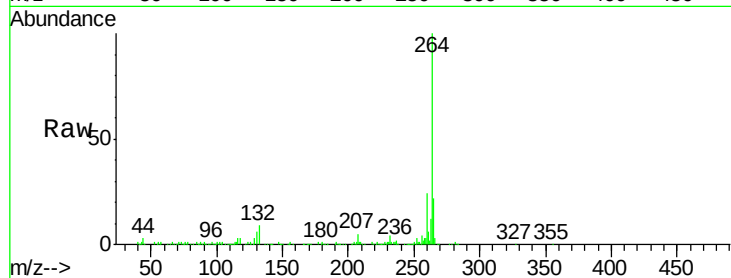
Tot Ion:264 Resp: 343563

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

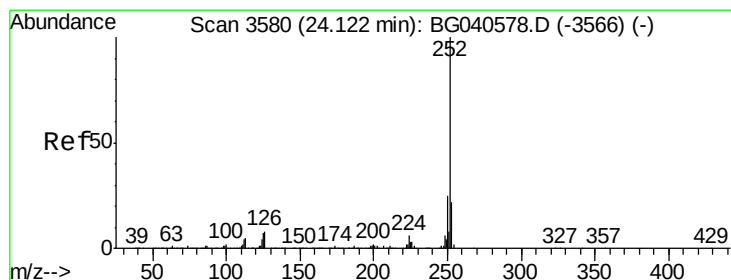
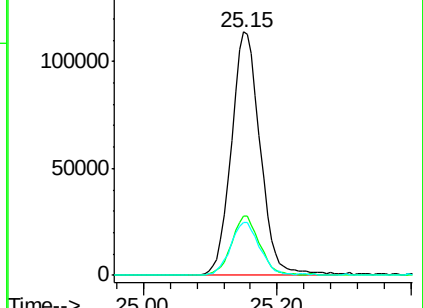
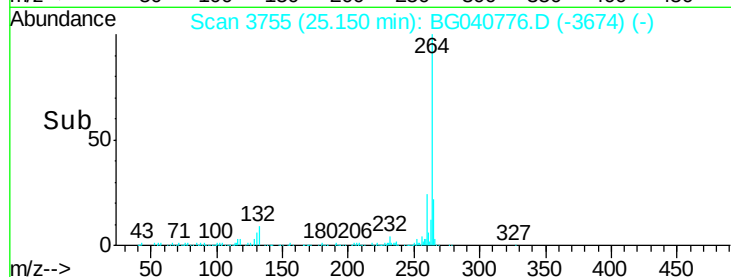
265 21.6 16.6 25.0



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: 62.151 ng

RT: 24.09 min Scan# 3574

Delta R.T. -0.04 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

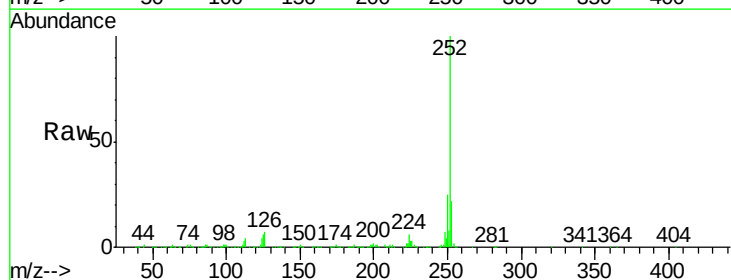
Tgt Ion:252 Resp: 1304842

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

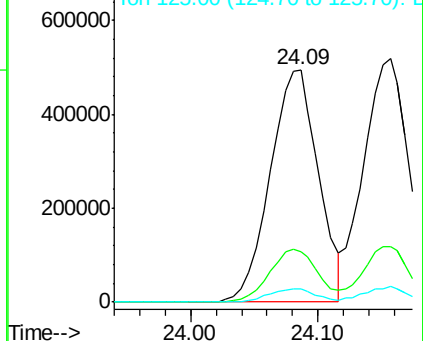
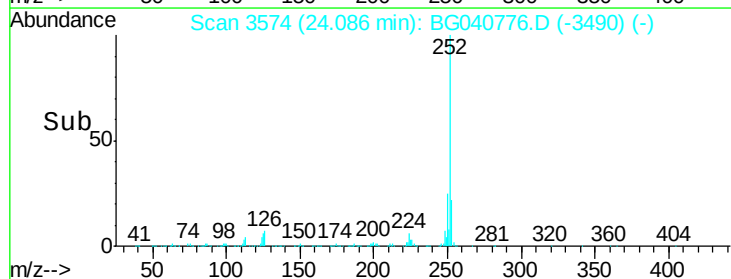
125 5.6 5.4 8.0

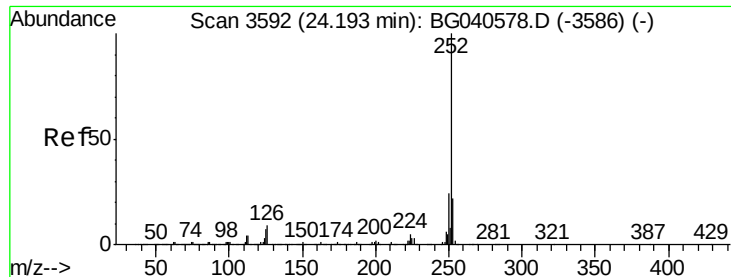


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 66.897 ng

RT: 24.16 min Scan# 3586

Delta R.T. -0.04 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

MW-4-20190502MS

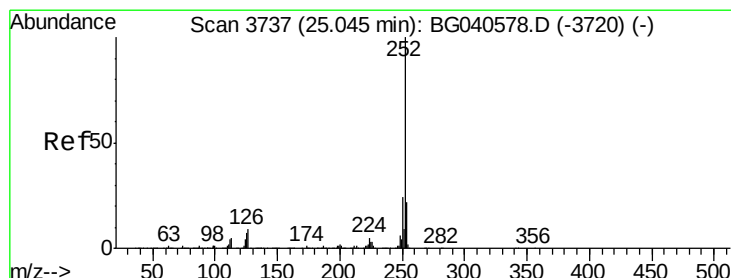
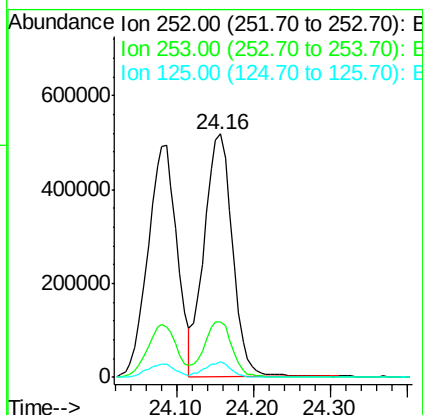
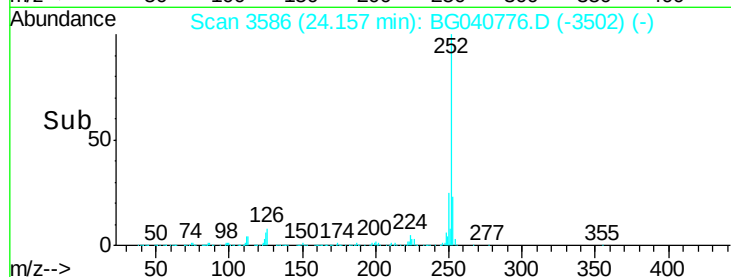
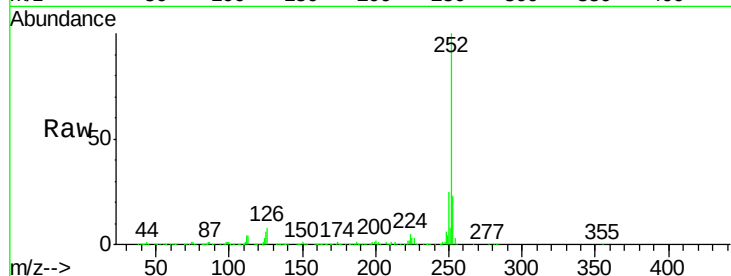
Tot Ion:252 Resp: 1311650

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 6.5 5.5 8.3



#90

Benzo(a)pyrene

Concen: 64.253 ng

RT: 25.00 min Scan# 3729

Delta R.T. -0.05 min

Lab File: BG040776.D

Acq: 7 May 2019 19:08

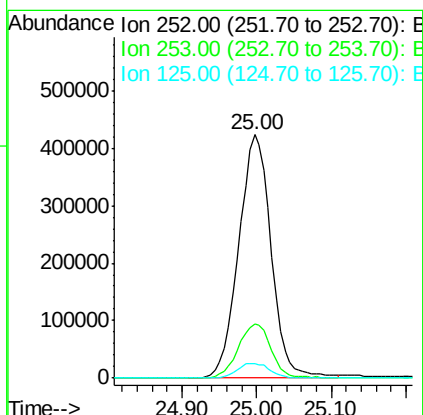
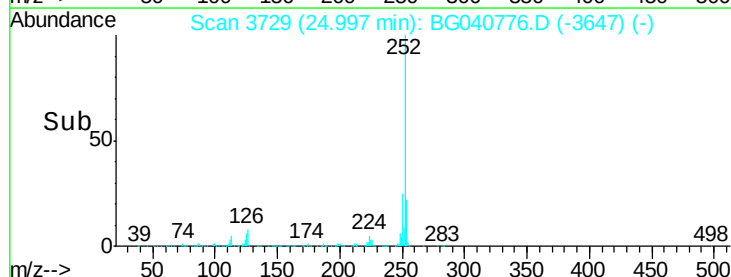
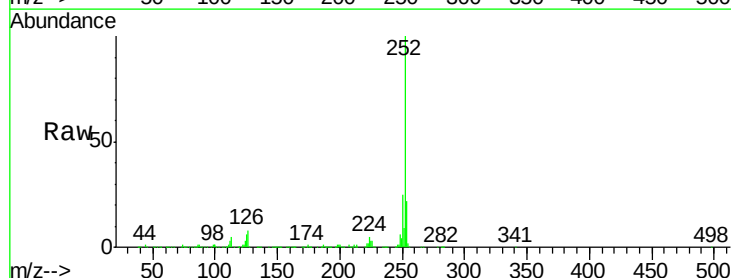
Tgt Ion:252 Resp: 1276916

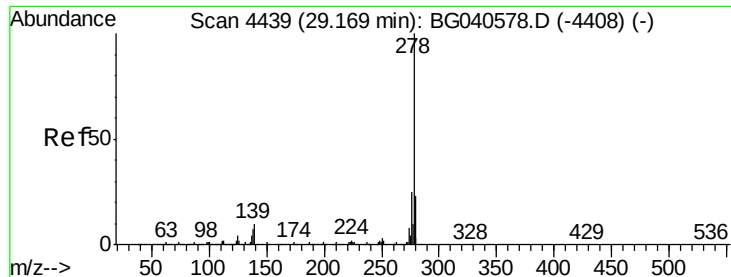
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 5.7 5.7 8.5

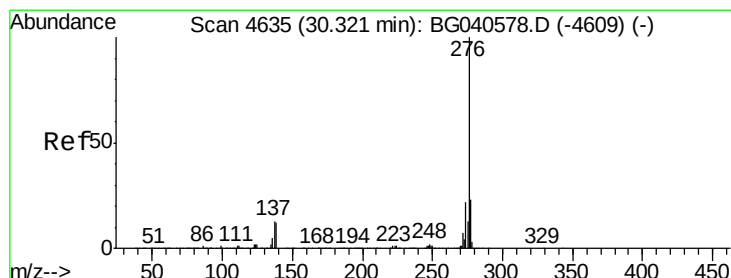
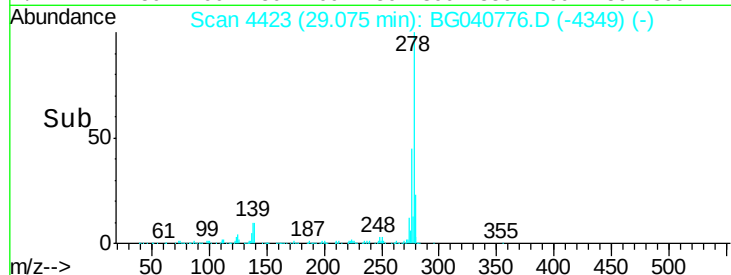
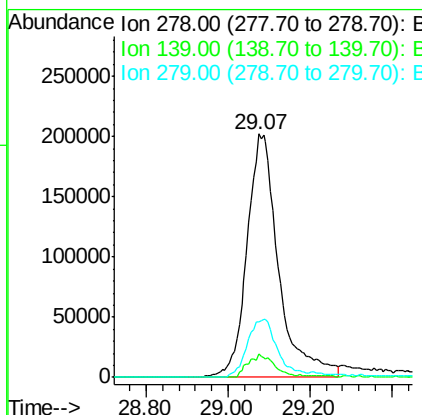
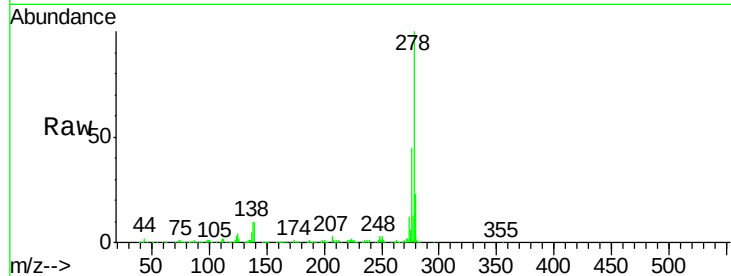




#91
Dibenzo(a,h)anthracene
Concen: 54.119 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.09 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Instrument :
BNA_G
ClientSampleId :
MW-4-20190502MS

Tot Ion:278 Resp: 1088380
Ion Ratio Lower Upper
278 100
139 9.9 8.2 12.4
279 22.9 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 54.385 ng
RT: 30.23 min Scan# 4620
Delta R.T. -0.09 min
Lab File: BG040776.D
Acq: 7 May 2019 19:08

Tgt Ion:276 Resp: 1088534
Ion Ratio Lower Upper
276 100
277 23.6 18.4 27.6
138 10.0 9.8 14.6

