

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
 Data File : BG041792.D
 Acq On : 29 Jul 2019 17:02
 Operator : HP/JU
 Sample : K3591-08
 Misc : LOO-WATER-10PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Quant Time: Jul 30 07:41:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 12:47:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	99589	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	416598	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	300570	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	668780	20.00	ng	0.00
76) Chrysene-d12	21.74	240	663961	20.00	ng	0.00
87) Perylene-d12	25.01	264	760626	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	622370	121.59	ng	0.00
7) Phenol-d6	7.19	99	817226	118.43	ng	0.00
23) Nitrobenzene-d5	9.21	82	516209	85.27	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	434722	127.33	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1405201	82.46	ng	0.00
79) Terphenyl-d14	20.07	244	2175345	74.97	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	24519	10.177	ng	93
3) Pyridine	3.88	79	53527	8.102	ng	88
4) n-Nitrosodimethylamine	3.79	42	23680	9.042	ng	# 97
6) Aniline	7.36	93	89419	9.202	ng	# 92
8) 2-Chlorophenol	7.61	128	57064	9.736	ng	94
9) Benzaldehyde	7.17	77	52990	10.913	ng	93
10) Phenol	7.22	94	69507	9.682	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	56183	9.519	ng	92
12) 1,3-Dichlorobenzene	7.93	146	72412	9.466	ng	99
13) 1,4-Dichlorobenzene	8.08	146	74519	9.735	ng	96
14) 1,2-Dichlorobenzene	8.40	146	67767	9.278	ng	94
15) Benzyl Alcohol	8.28	79	50373	9.279	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	97771	9.311	ng	97
17) 2-Methylphenol	8.48	107	49157	9.415	ng	98
18) Hexachloroethane	9.14	117	24223	9.241	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	47873	9.555	ng	# 87
20) 3+4-Methylphenols	8.81	107	67067	9.387	ng	98
22) Acetophenone	8.87	105	93033	9.984	ng	# 92
24) Nitrobenzene	9.25	77	66056	10.357	ng	99
25) Isophorone	9.78	82	130796	9.932	ng	96
26) 2-Nitrophenol	9.97	139	28755	9.715	ng	91
27) 2,4-Dimethylphenol	10.03	122	57062	10.923	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	81548	9.909	ng	98
29) 2,4-Dichlorophenol	10.51	162	62439	9.815	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	75787	9.394	ng	97
31) Naphthalene	10.92	128	194468	10.199	ng	99
32) Benzoic acid	10.10	122	10576	11.047	ng	91
33) 4-Chloroaniline	11.02	127	83975	9.287	ng	# 94
34) Hexachlorobutadiene	11.22	225	49380	9.069	ng	99
35) Caprolactam	11.77	113	21769	9.846	ng	# 68
36) 4-Chloro-3-methylphenol	12.14	107	62193	9.861	ng	96
37) 2-Methylnaphthalene	12.53	142	153869	10.196	ng	98
38) 1-Methylnaphthalene	12.75	142	145980	10.207	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	94901	9.975	ng	# 98

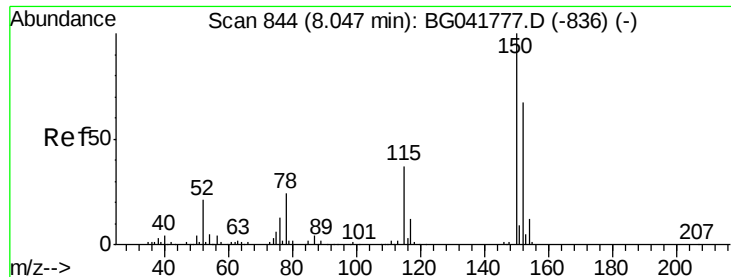
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	53127	9.932	nq	99
43) 2,4,6-Trichlorophenol	13.13	196	55918	9.299	nq	97
44) 2,4,5-Trichlorophenol	13.20	196	60390	9.664	nq	96
46) 1,1'-Biphenyl	13.53	154	200834	10.394	nq	96
47) 2-Chloronaphthalene	13.58	162	161029	9.789	nq	94
48) 2-Nitroaniline	13.77	65	38272	9.173	nq	97
49) Acenaphthylene	14.42	152	264540	10.751	nq	94
50) Dimethylphthalate	14.14	163	212759	10.365	nq	97
51) 2,6-Dinitrotoluene	14.26	165	43805	10.205	nq	# 84
52) Acenaphthene	14.76	154	159020	9.936	nq	97
53) 3-Nitroaniline	14.59	138	42336	9.219	nq	92
54) 2,4-Dinitrophenol	14.80	184	13307	10.174	nq	92
55) Dibenzofuran	15.10	168	265311	10.838	nq	93
56) 4-Nitrophenol	14.89	139	32238	9.249	nq	92
57) 2,4-Dinitrotoluene	15.05	165	59650	10.105	nq	94
58) Fluorene	15.75	166	209459	10.662	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.33	232	58911	9.518	nq	95
60) Diethylphthalate	15.51	149	208574	10.349	nq	97
61) 4-Chlorophenyl-phenylether	15.74	204	121295	10.114	nq	94
62) 4-Nitroaniline	15.75	138	47959	9.642	nq	99
63) Azobenzene	16.04	77	168529	10.237	nq	96
65) 4,6-Dinitro-2-methylphenol	15.81	198	28344	14.275	nq	95
66) n-Nitrosodiphenylamine	15.95	169	190576	10.461	nq	95
67) 4-Bromophenyl-phenylether	16.64	248	79161	9.609	nq	93
68) Hexachlorobenzene	16.76	284	81996	9.514	nq	92
69) Atrazine	16.90	200	72122	10.076	nq	95
70) Pentachlorophenol	17.10	266	42242	8.628	nq	95
71) Phenanthrene	17.49	178	346716	10.816	nq	92
72) Anthracene	17.49	178	346716	10.845	nq	93
73) Carbazole	17.85	167	307729	10.724	nq	93
74) Di-n-butylphthalate	18.42	149	346699	10.657	nq	# 93
75) Fluoranthene	19.50	202	440391	11.302	nq	87
77) Benzidine	19.68	184	211741	9.770	nq	98
78) Pyrene	19.87	202	452499	11.503	nq	# 88
80) Butylbenzylphthalate	20.75	149	146237	9.696	nq	90
81) Benzo(a)anthracene	21.72	228	418077	10.643	nq	90
82) 3,3'-Dichlorobenzidine	21.62	252	168643	10.693	nq	96
83) Chrysene	21.78	228	409586	10.877	nq	# 89
84) Bis(2-ethylhexyl)phthalate	21.64	149	213432	10.259	nq	97
85) Di-n-octyl phthalate	22.87	149	351476	10.038	nq	# 91
86) Indeno(1,2,3-cd)pyrene	28.73	276	475231	9.534	nq	# 89
88) Benzo(b)fluoranthene	23.97	252	422816	10.161	nq	# 92
89) Benzo(k)fluoranthene	24.03	252	436596	10.772	nq	# 92
90) Benzo(a)pyrene	24.85	252	417369	10.459	nq	# 96
91) Dibenzo(a,h)anthracene	28.81	278	400918	10.232	nq	# 92
92) Benzo(g,h,i)perylene	29.90	276	393488	10.051	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG041792.D

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ClientSampleId :

LOQ-WATER-02-QT3-2019

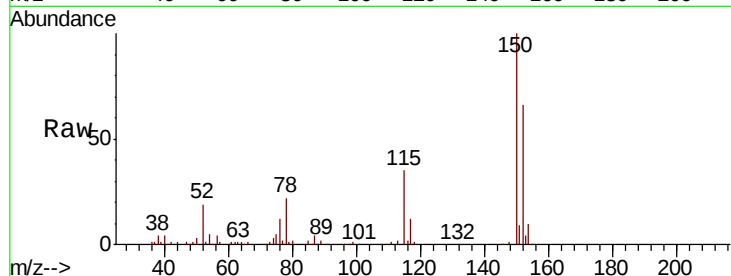
Tot Ion:152 Resp: 99589

Ion Ratio Lower Upper

152 100

150 152.0 126.9 190.3

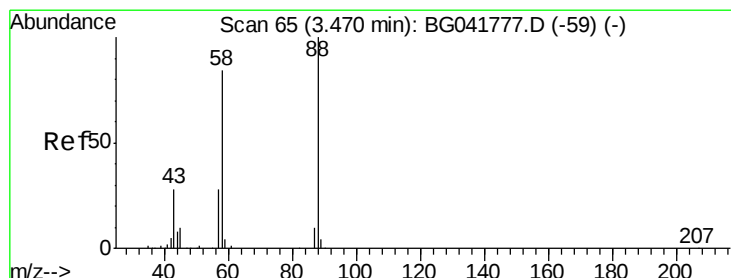
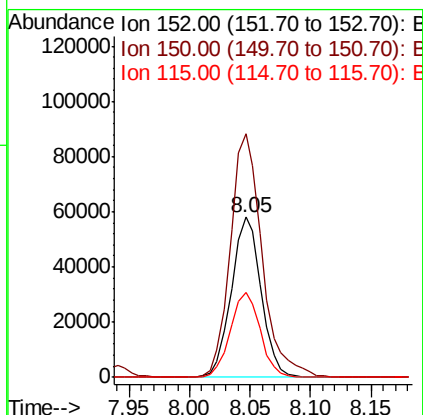
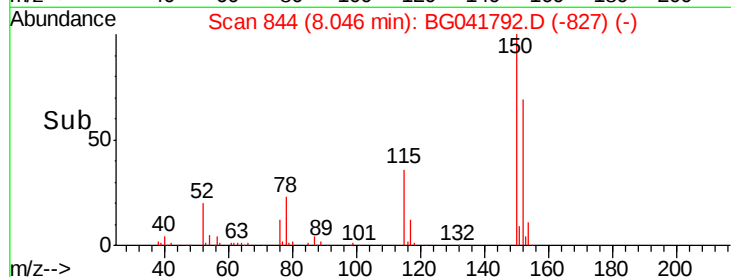
115 52.9 45.0 67.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.177 ng

RT: 3.48 min Scan# 66

Delta R.T. 0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

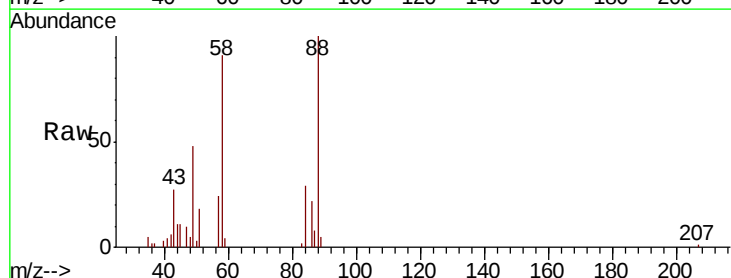
Tgt Ion: 88 Resp: 24519

Ion Ratio Lower Upper

88 100

58 87.7 76.2 114.2

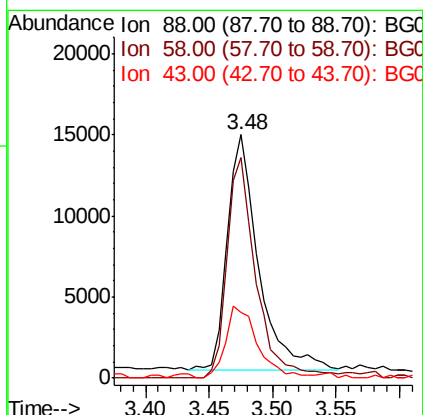
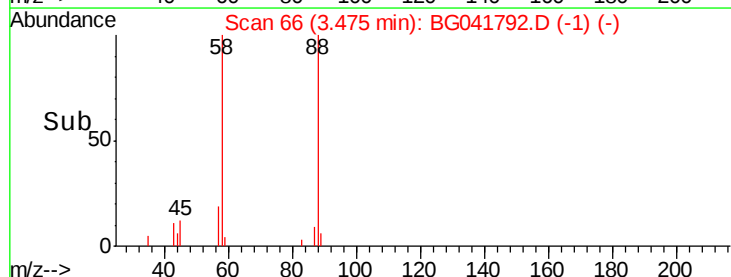
43 31.5 27.2 40.8

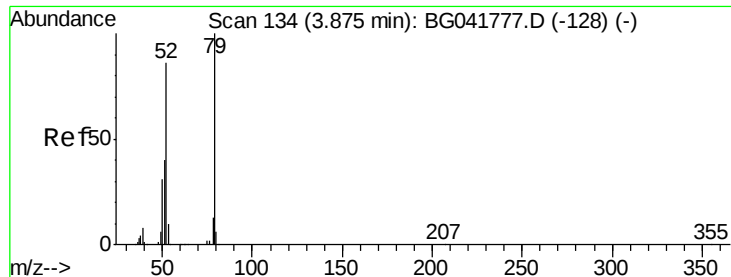


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 8.102 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

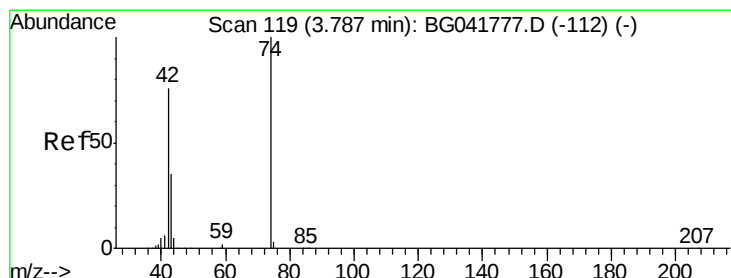
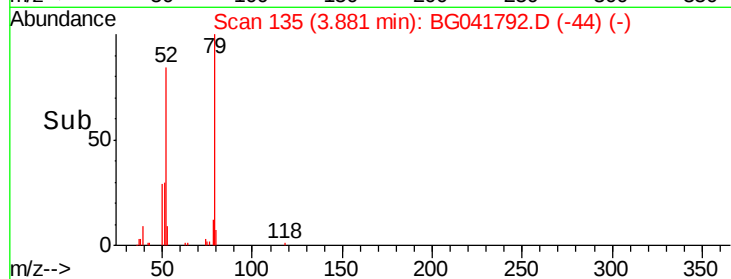
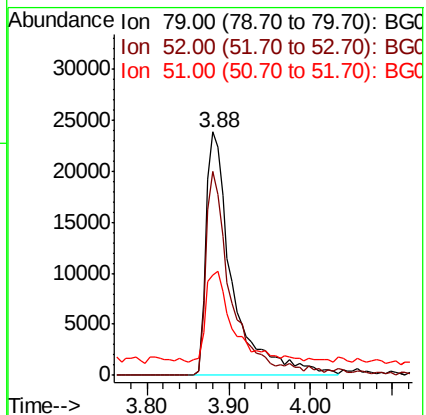
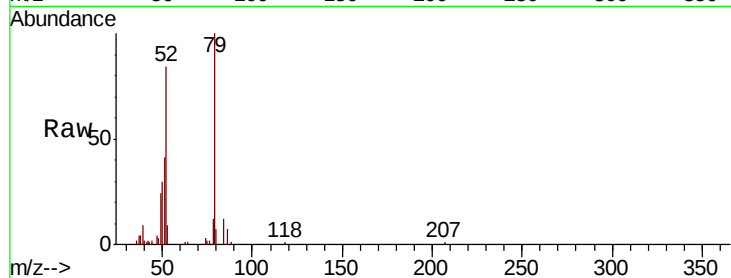
Tot Ion: 79 Resp: 53527

Ion Ratio Lower Upper

79 100

52 83.7 77.1 115.7

51 41.4 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 9.042 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

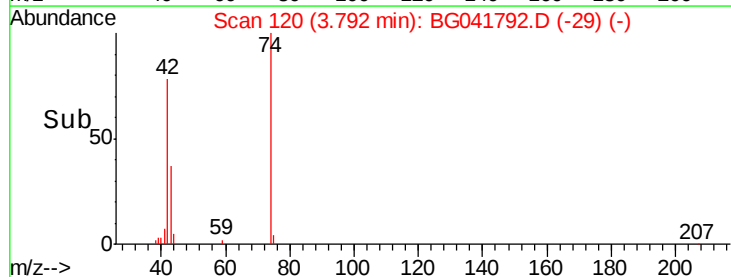
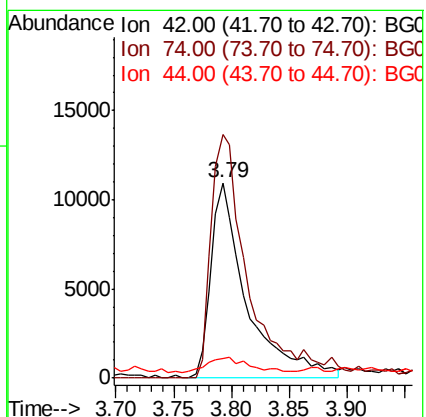
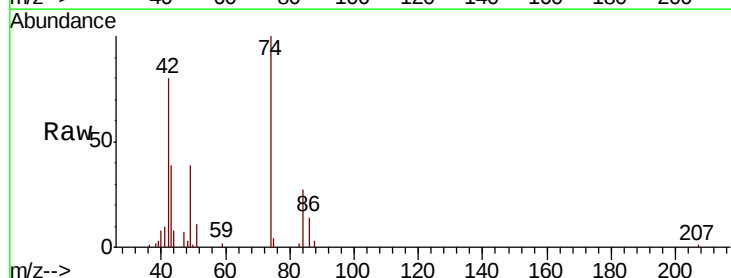
Tgt Ion: 42 Resp: 23680

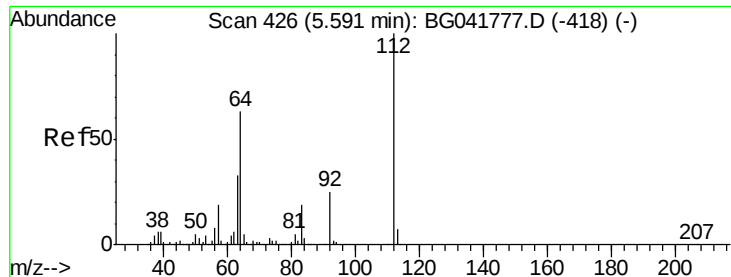
Ion Ratio Lower Upper

42 100

74 124.6 97.4 146.2

44 10.1 6.6 9.8#





#5

2-Fluorophenol

Concen: 121.589 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

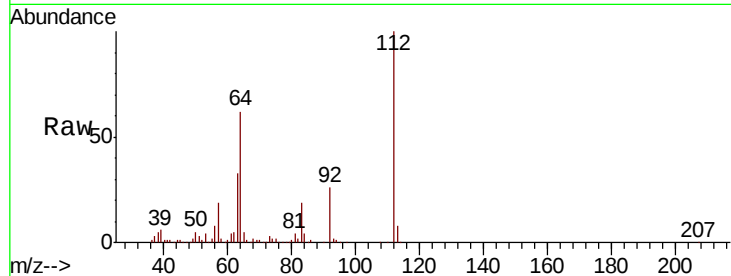
Tot Ion:112 Resp: 622370

Ion Ratio Lower Upper

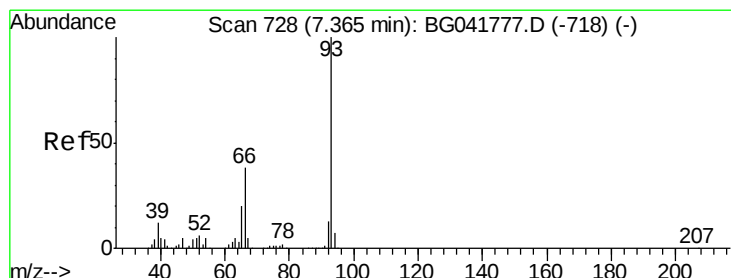
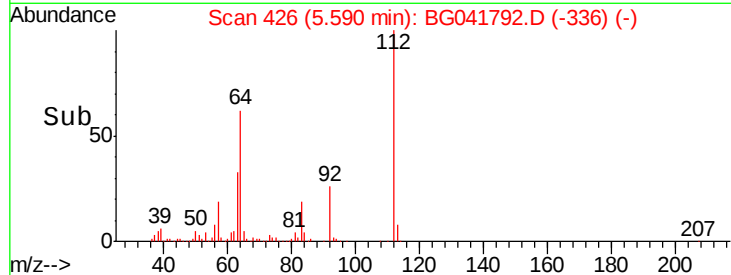
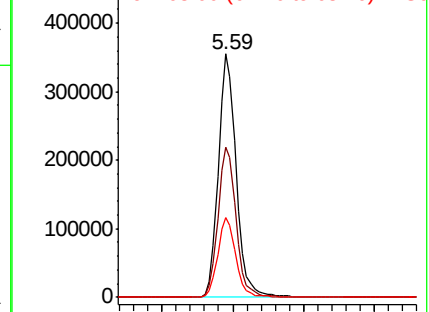
112 100

64 61.9 55.4 83.2

63 33.0 29.1 43.7



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: 9.202 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

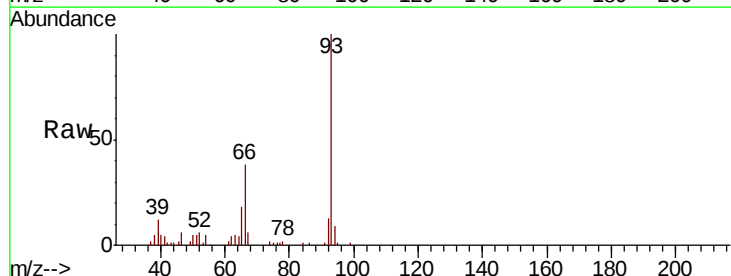
Tgt Ion: 93 Resp: 89419

Ion Ratio Lower Upper

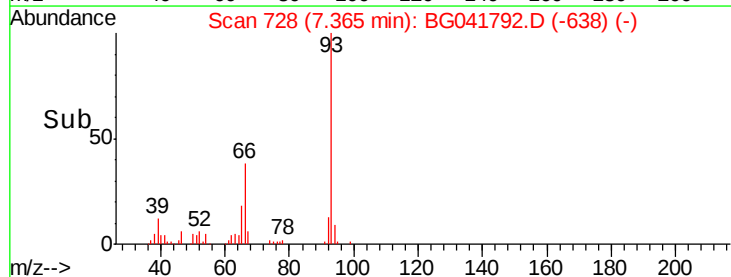
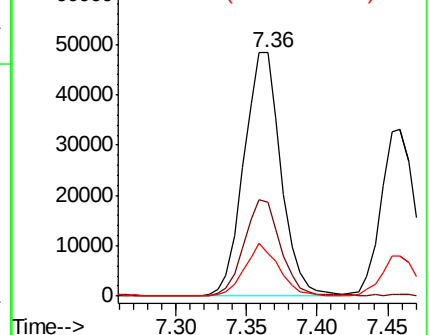
93 100

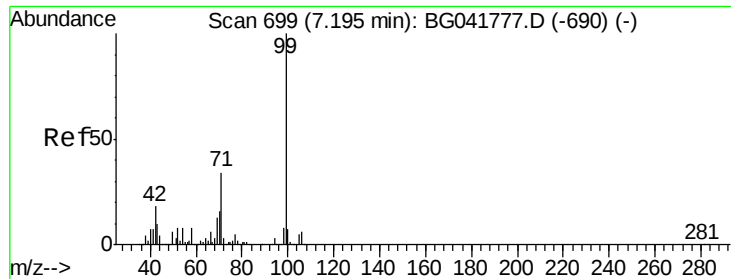
66 38.3 34.2 51.2

65 17.5 18.2 27.2#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.426 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

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ClientSampleId :

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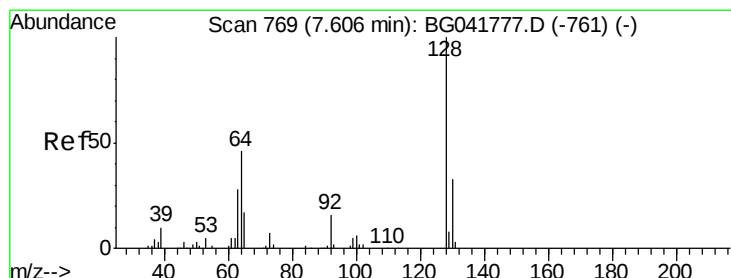
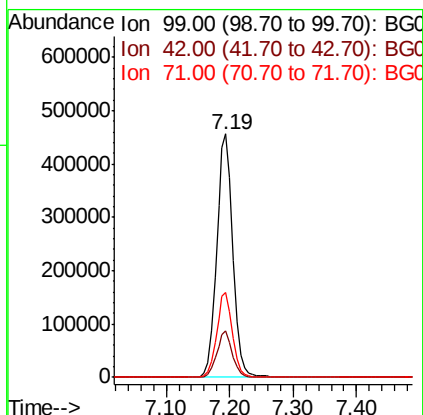
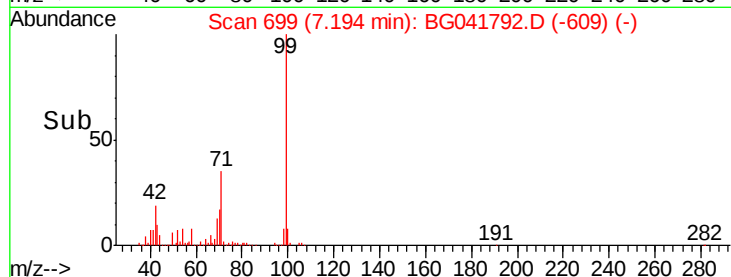
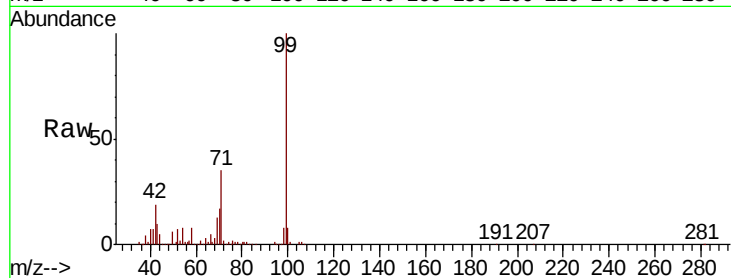
Tot Ion: 99 Resp: 817226

Ion Ratio Lower Upper

99 100

42 19.0 17.6 26.4

71 34.9 27.8 41.6



#8

2-Chlorophenol

Concen: 9.736 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

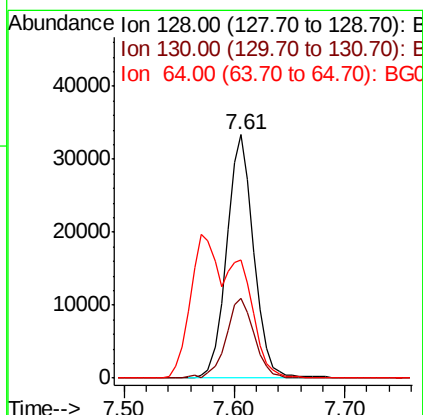
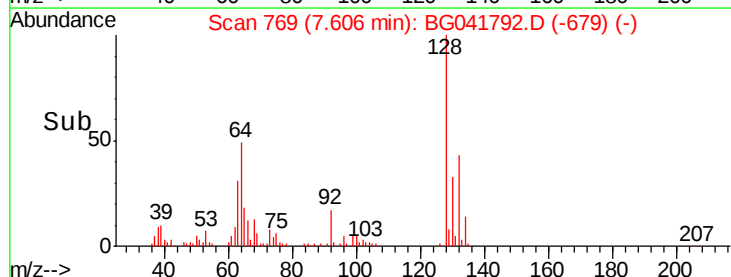
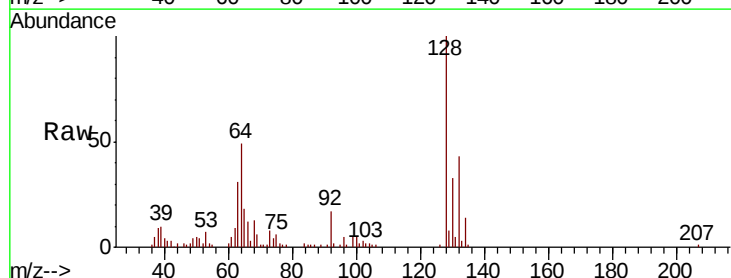
Tgt Ion: 128 Resp: 57064

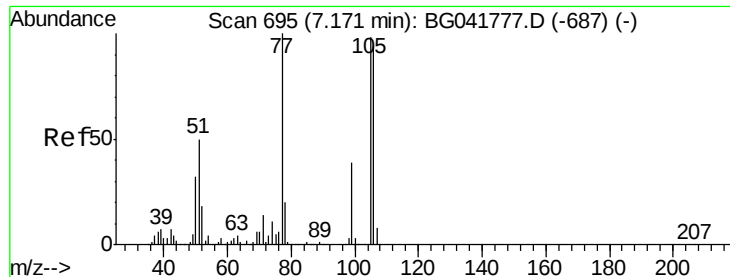
Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

64 48.7 34.9 74.9





#9

Benzaldehyde

Concen: 10.913 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

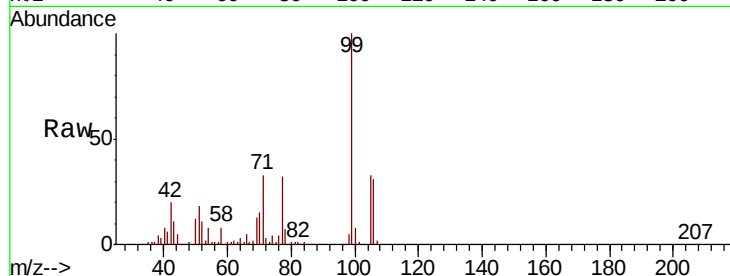
Tot Ion: 77 Resp: 52990

Ion Ratio Lower Upper

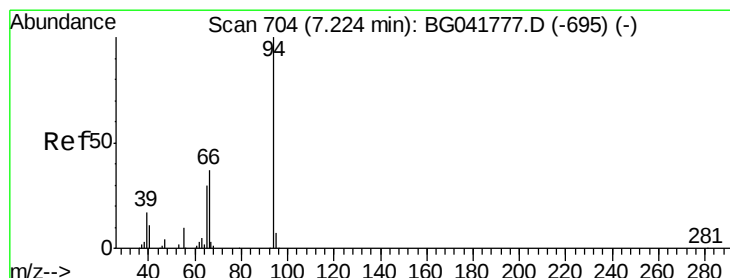
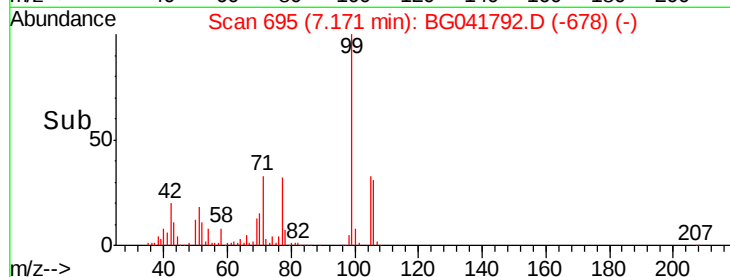
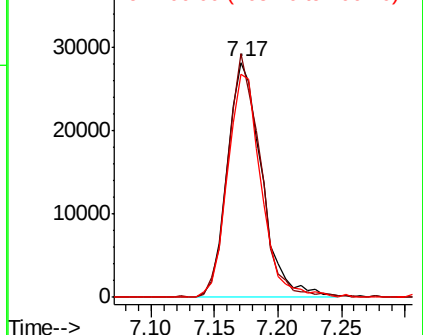
77 100

105 103.7 74.6 114.6

106 95.2 71.1 111.1



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



#10

Phenol

Concen: 9.682 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

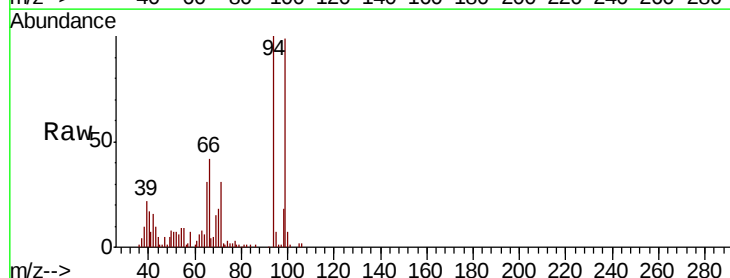
Tgt Ion: 94 Resp: 69507

Ion Ratio Lower Upper

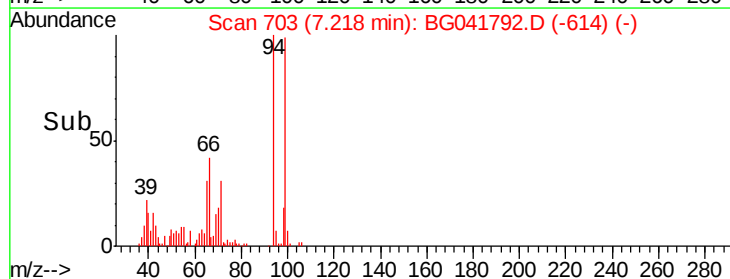
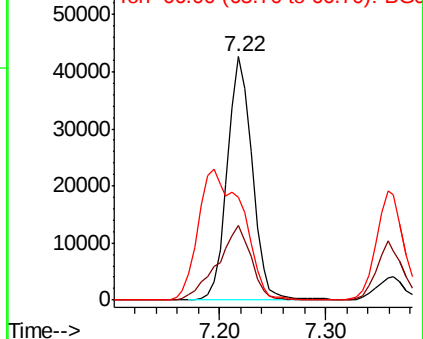
94 100

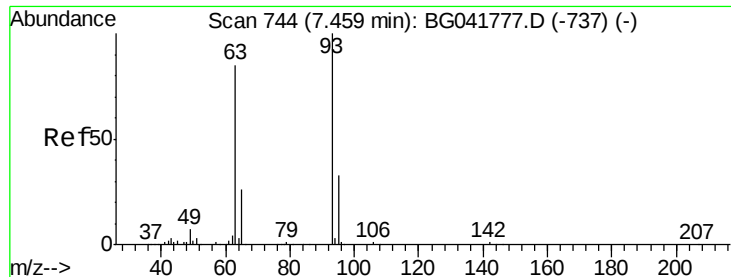
65 30.8 10.6 50.6

66 42.4 18.2 58.2



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: 9.519 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

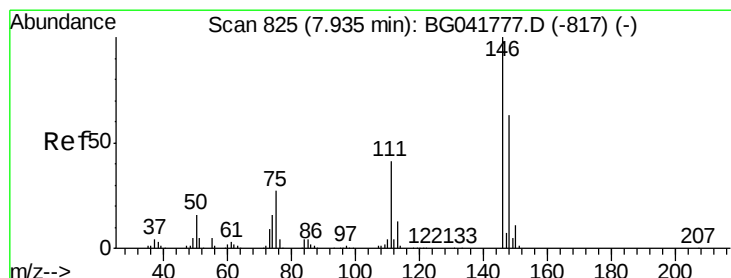
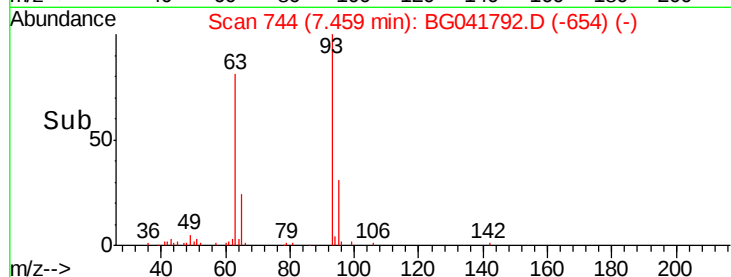
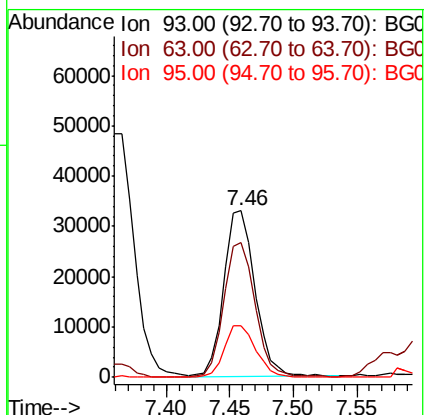
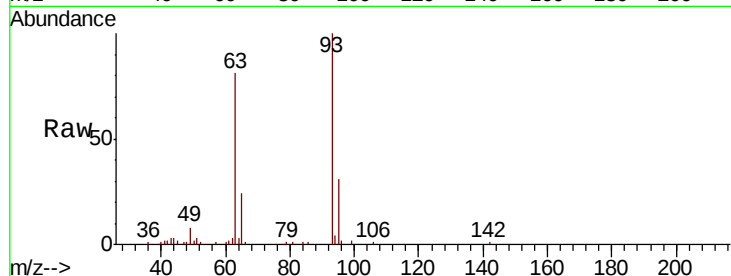
Tot Ion: 93 Resp: 56183

Ion Ratio Lower Upper

93 100

63 81.0 70.4 110.4

95 31.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 9.466 ng

RT: 7.93 min Scan# 825

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

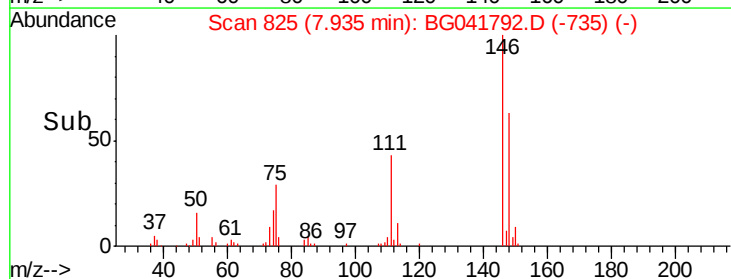
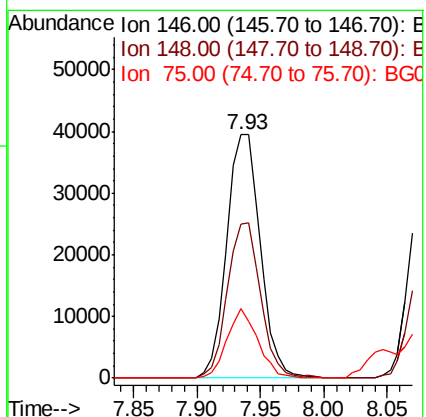
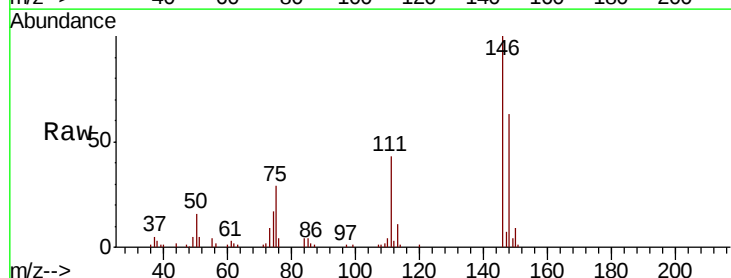
Tgt Ion: 146 Resp: 72412

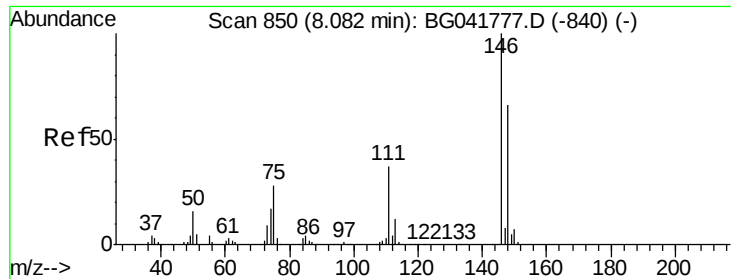
Ion Ratio Lower Upper

146 100

148 63.1 51.5 77.3

75 28.5 23.2 34.8

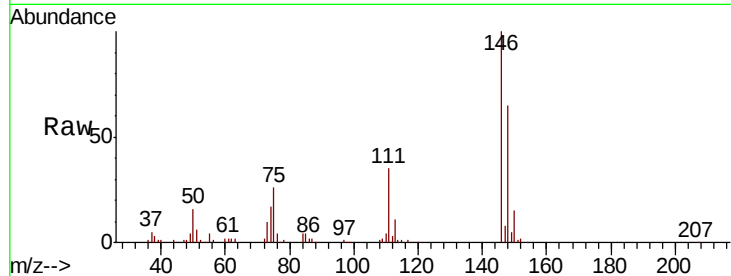




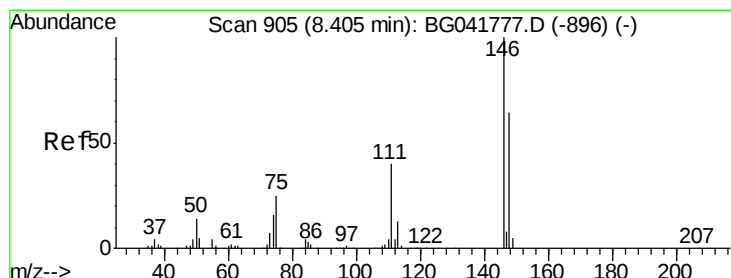
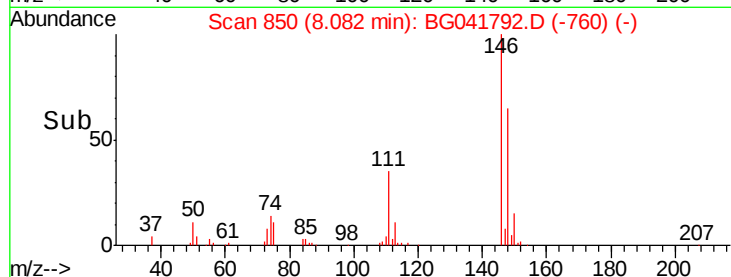
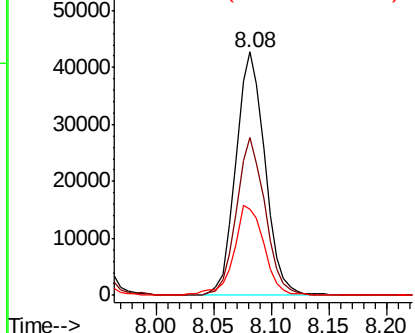
#13
 1,4-Dichlorobenzene
 Concen: 9.735 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion:146 Resp: 74519
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.6 79.0
 111 35.2 32.5 48.7

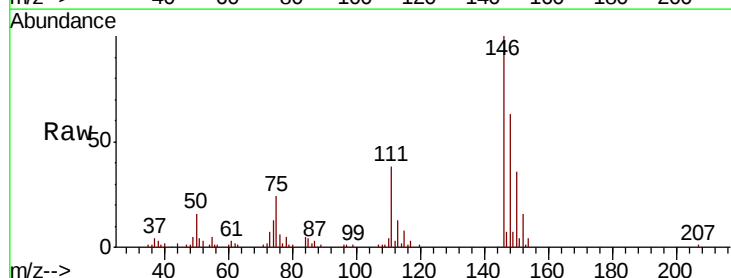


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

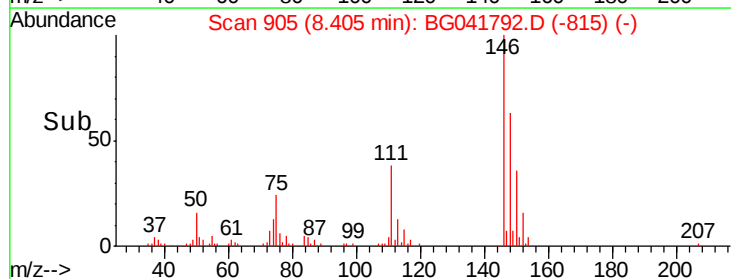
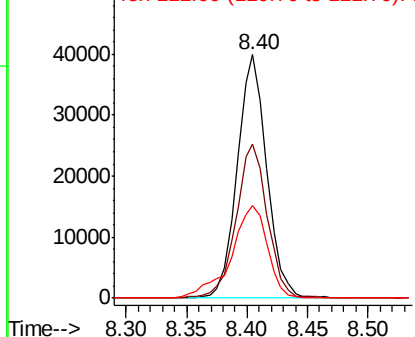


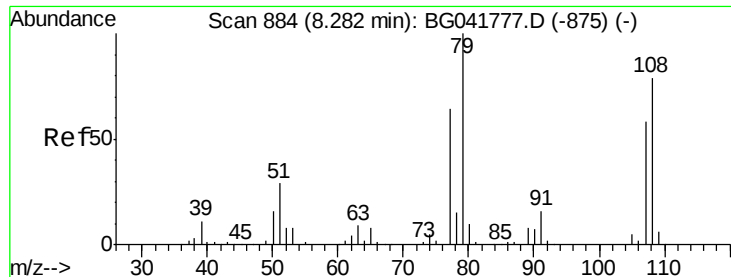
#14
 1,2-Dichlorobenzene
 Concen: 9.278 ng
 RT: 8.40 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion:146 Resp: 67767
 Ion Ratio Lower Upper
 146 100
 148 63.2 53.5 80.3
 111 38.3 35.4 53.0



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





#15

Benzyl Alcohol

Concen: 9.279 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

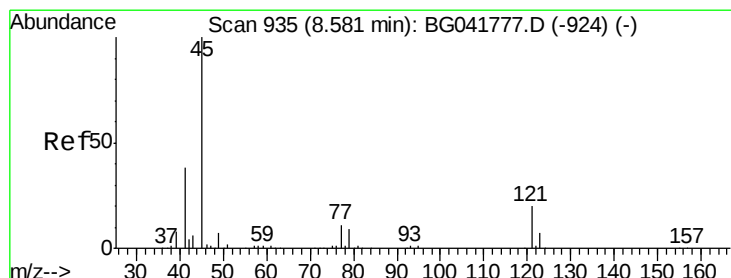
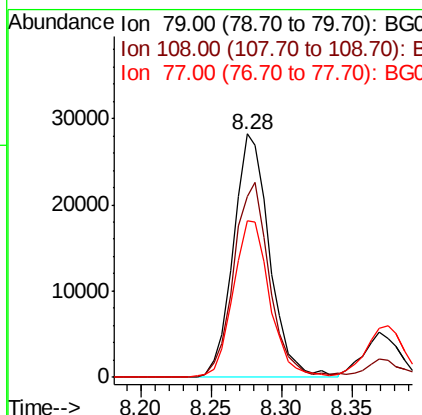
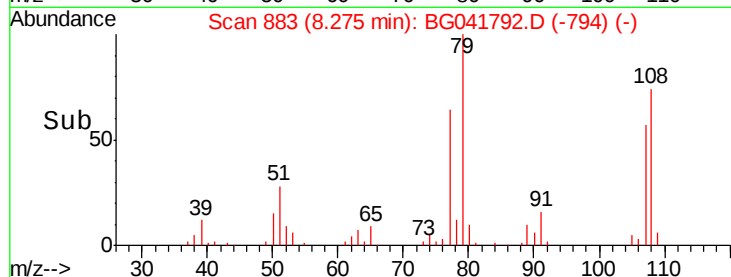
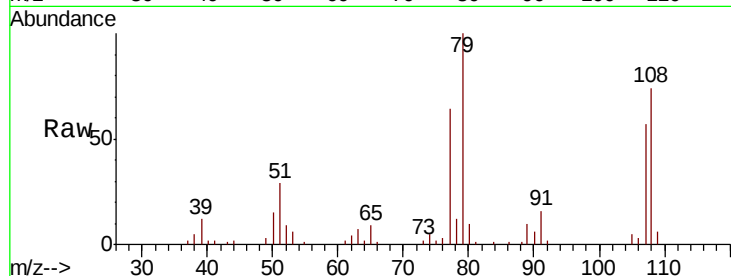
Tot Ion: 79 Resp: 50373

Ion Ratio Lower Upper

79 100

108 74.1 60.5 90.7

77 64.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.311 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

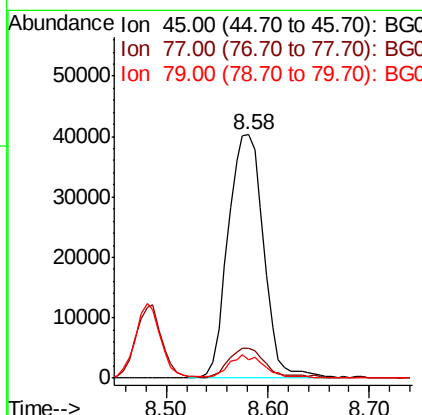
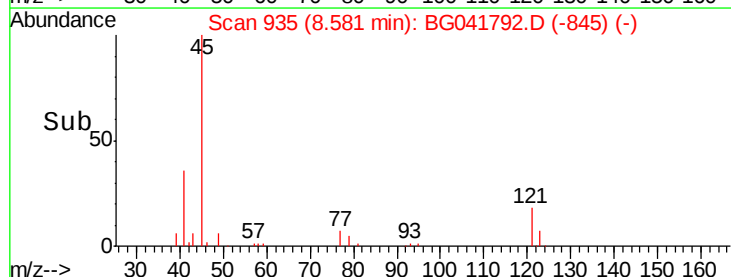
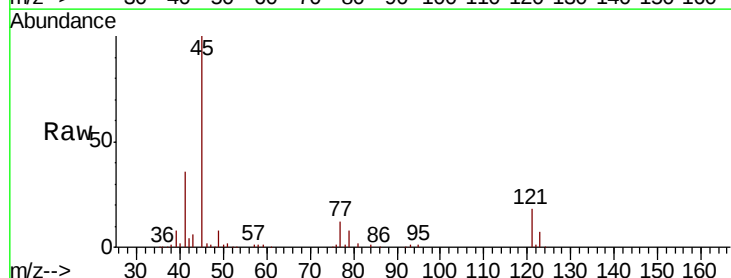
Tgt Ion: 45 Resp: 97771

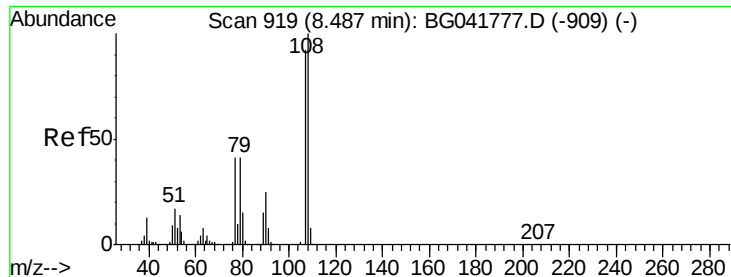
Ion Ratio Lower Upper

45 100

77 12.2 0.0 30.4

79 7.7 0.0 27.9





#17

2-Methylphenol

Concen: 9.415 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:107 Resp: 49157

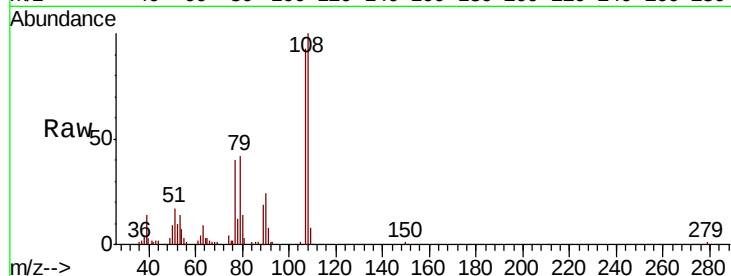
Ion Ratio Lower Upper

107 100

108 107.0 87.6 131.4

77 42.7 36.1 54.1

79 45.1 36.4 54.6

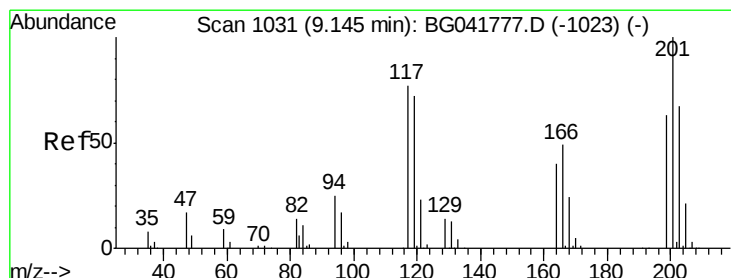
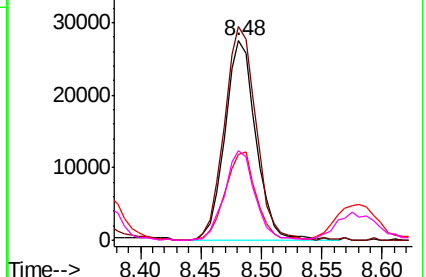
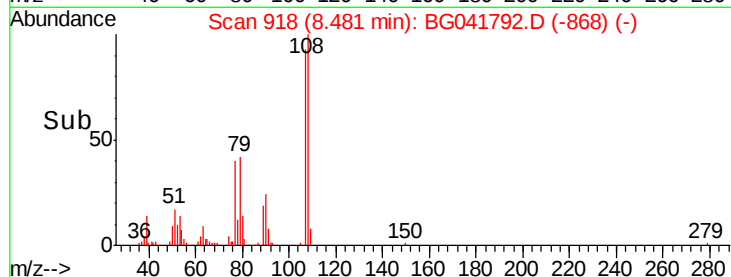


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 9.241 ng

RT: 9.14 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

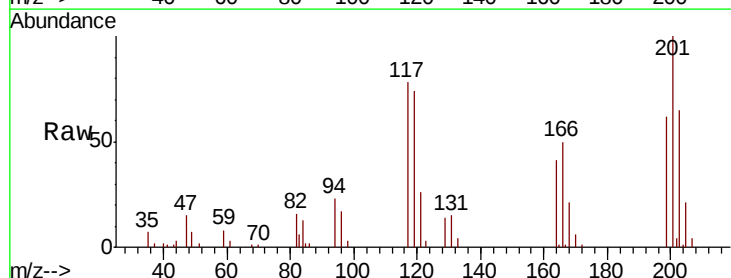
Tgt Ion:117 Resp: 24223

Ion Ratio Lower Upper

117 100

119 94.5 76.2 114.2

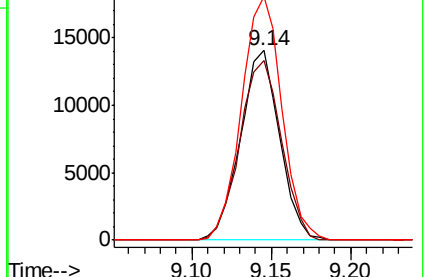
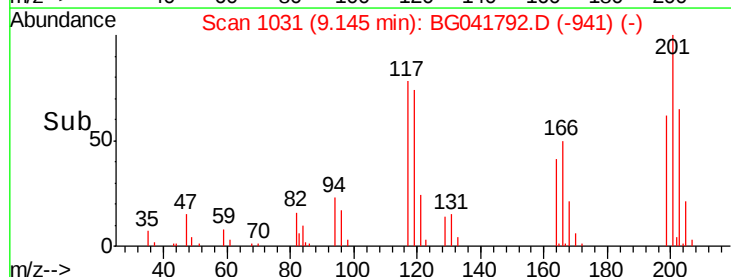
201 128.5 94.1 141.1

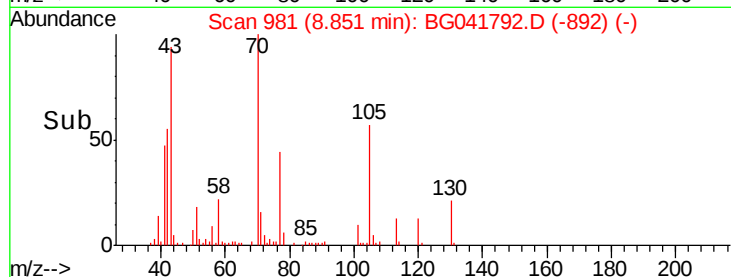
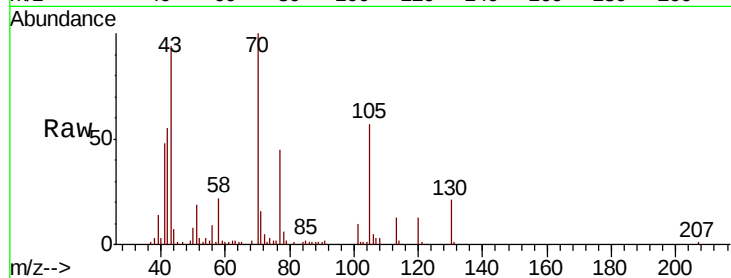
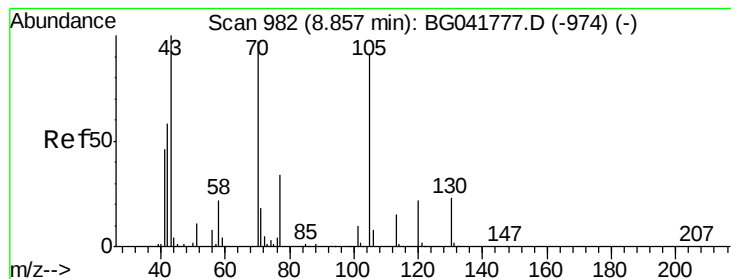


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 9.555 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion: 70 Resp: 47873

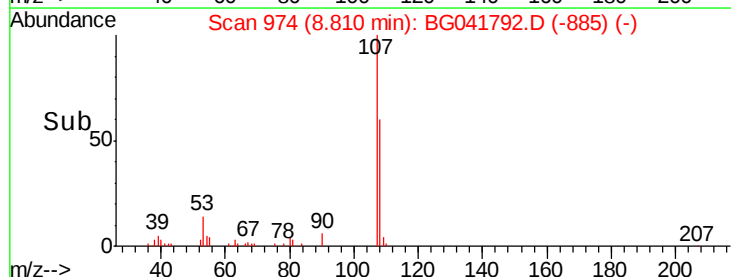
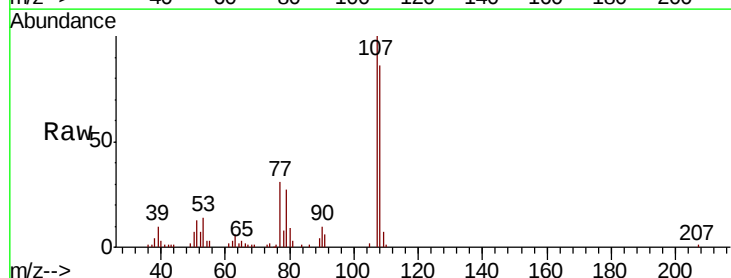
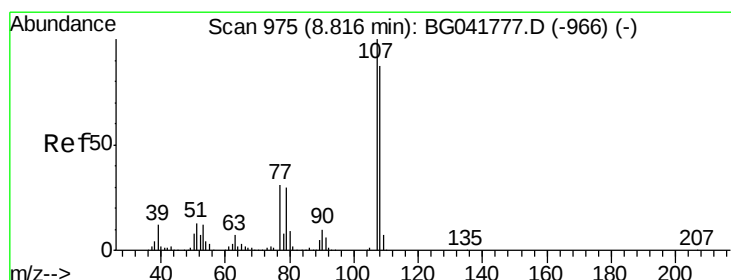
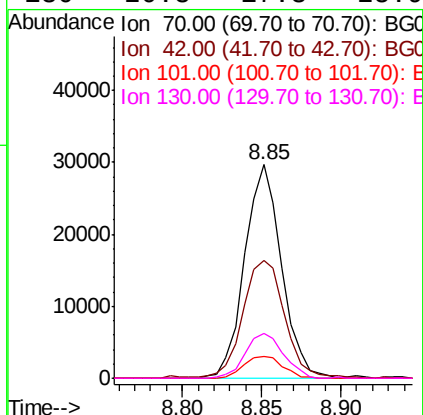
Ion Ratio Lower Upper

70 100

42 55.0 55.8 83.6#

101 10.3 8.1 12.1

130 20.8 17.3 25.9



#20

3+4-Methylphenols

Concen: 9.387 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Tgt Ion: 107 Resp: 67067

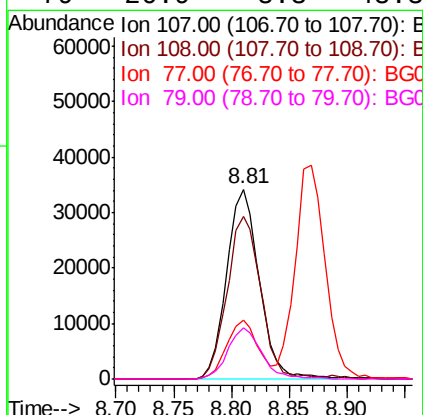
Ion Ratio Lower Upper

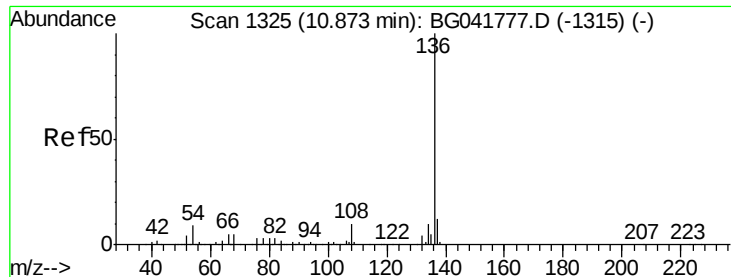
107 100

108 85.9 67.5 107.5

77 31.3 12.3 52.3

79 26.9 8.3 48.3

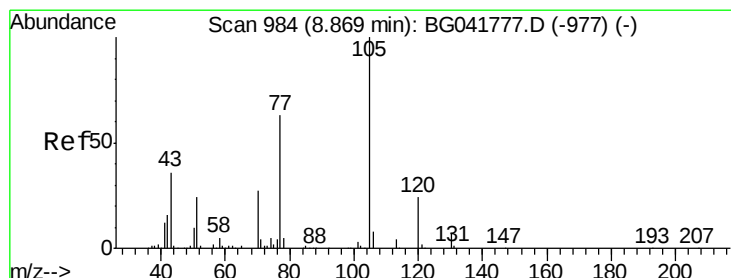
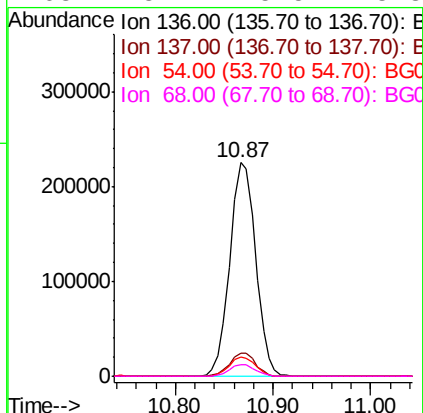
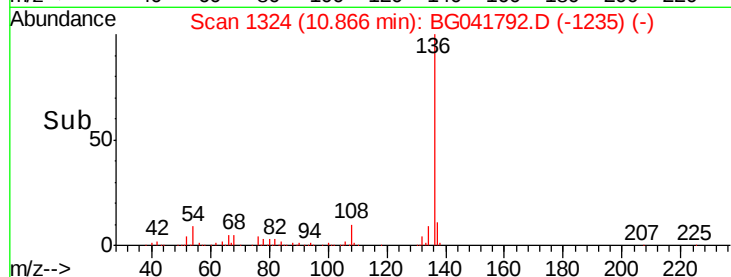
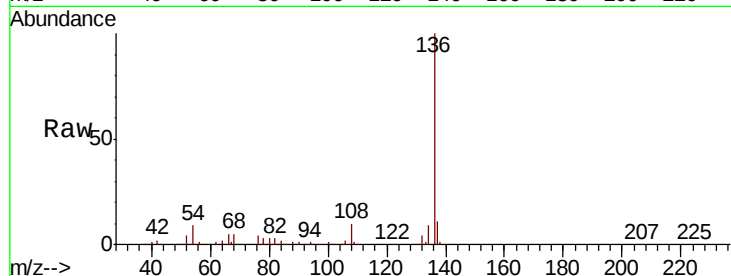




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

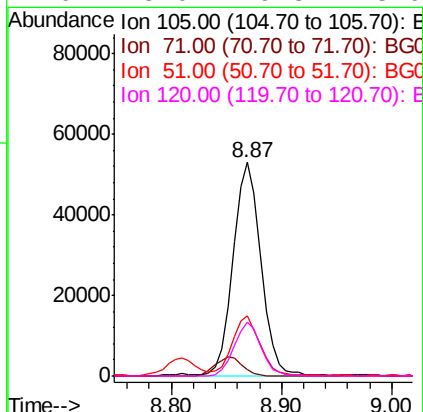
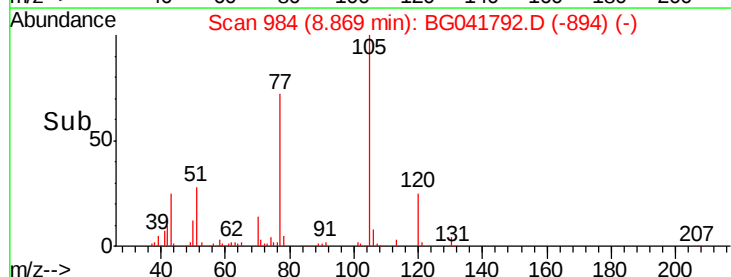
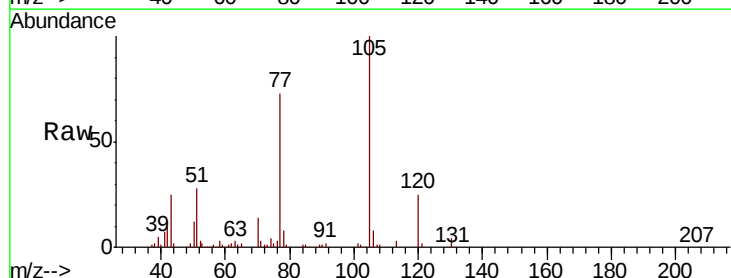
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

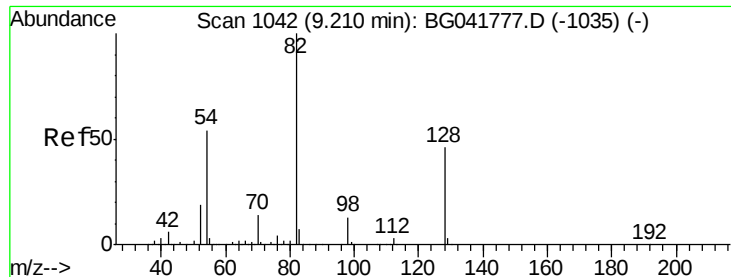
Tot Ion:136	Resp:	416598
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	9.1	8.7 13.1
68	5.1	5.5 8.3#



#22
Acetophenone
Concen: 9.984 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion:105	Resp:	93033
Ion Ratio	Lower	Upper
105	100	
71	3.0	5.9 8.9#
51	28.1	27.7 41.5
120	25.0	19.3 28.9

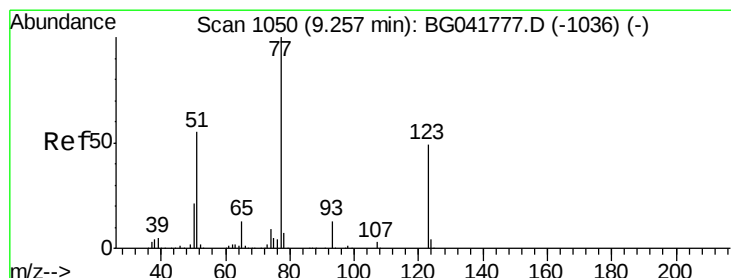
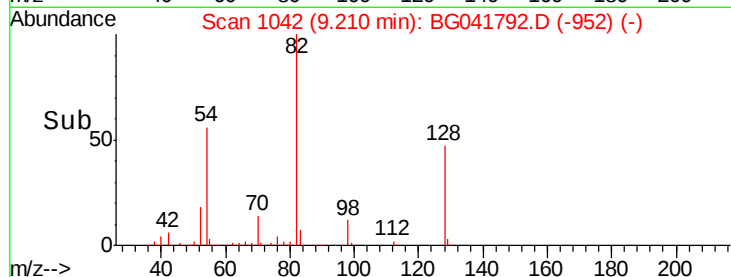
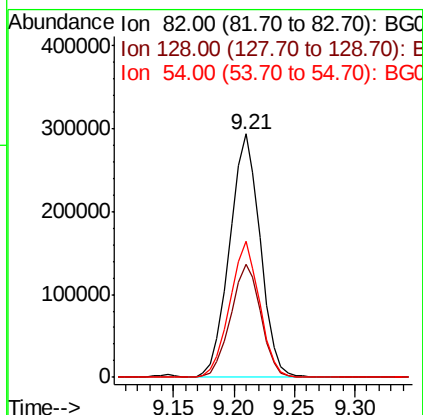
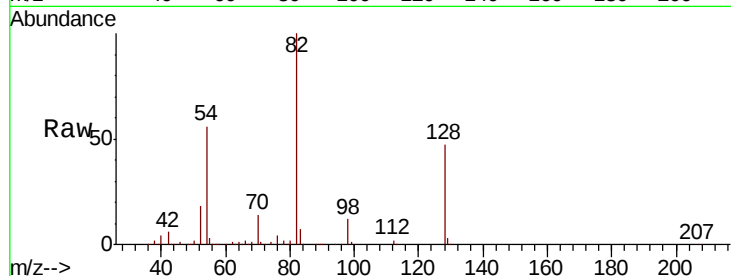




#23
Nitrobenzene-d5
Concen: 85.271 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

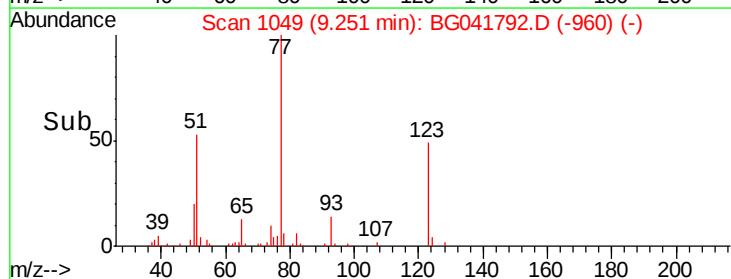
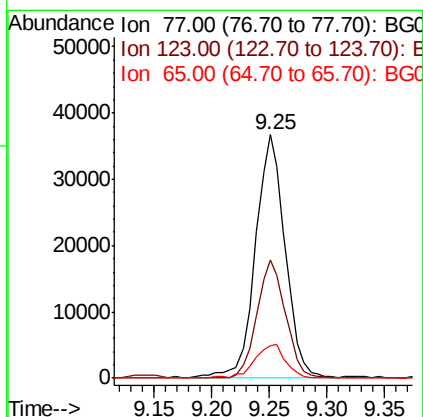
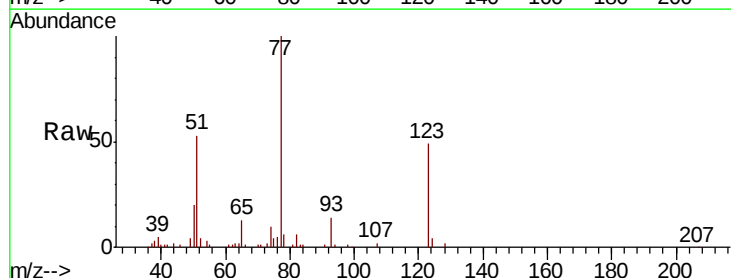
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

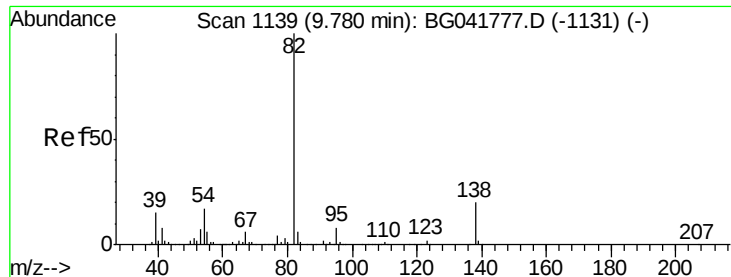
Tot Ion	82	Resp	516209
Ion Ratio	100	Lower	Upper
128	46.6	35.1	52.7
54	55.7	48.7	73.1



#24
Nitrobenzene
Concen: 10.357 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	77	Resp	66056
Ion Ratio	100	Lower	Upper
123	48.6	38.1	57.1
65	13.5	11.0	16.6





#25

Isophorone

Concen: 9.932 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

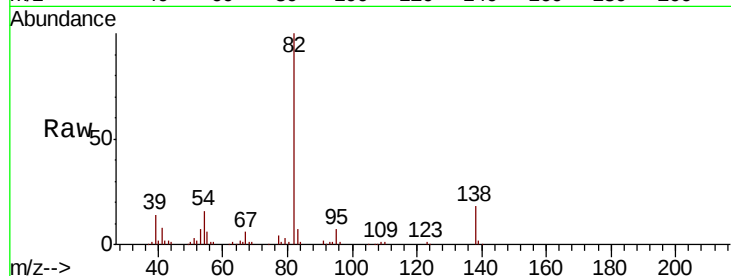
Tot Ion: 82 Resp: 130796

Ion Ratio Lower Upper

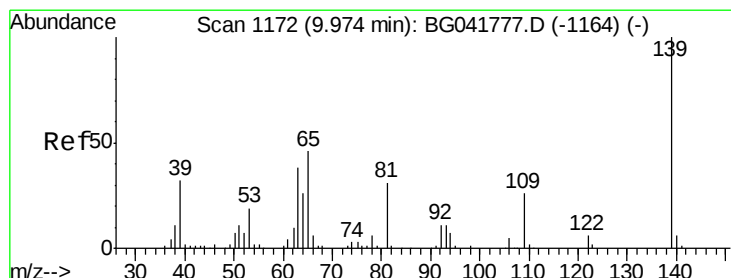
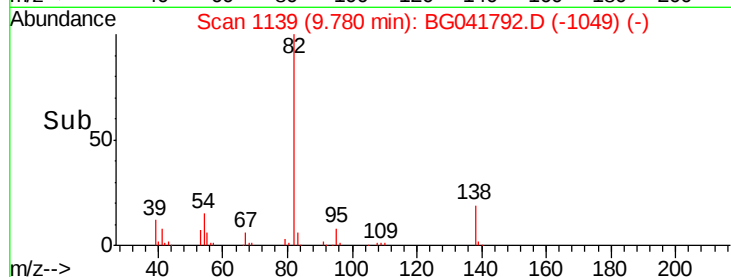
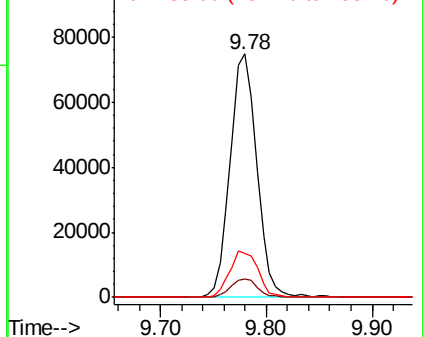
82 100

95 7.4 5.9 8.9

138 18.0 16.3 24.5



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



#26

2-Nitrophenol

Concen: 9.715 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

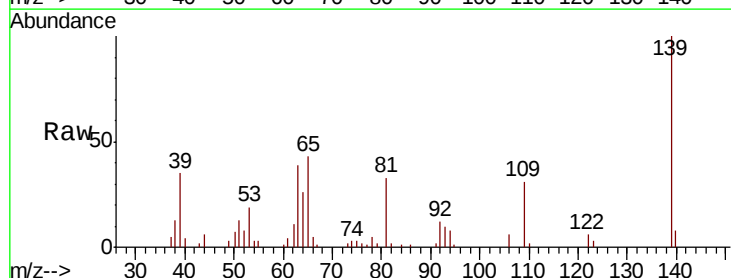
Tgt Ion: 139 Resp: 28755

Ion Ratio Lower Upper

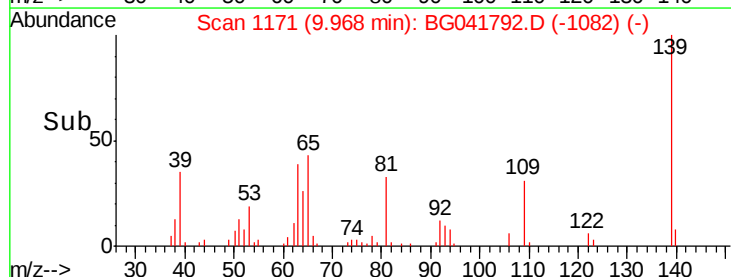
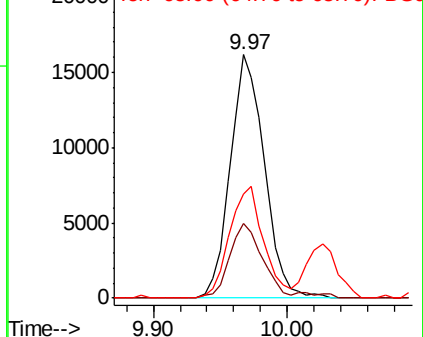
139 100

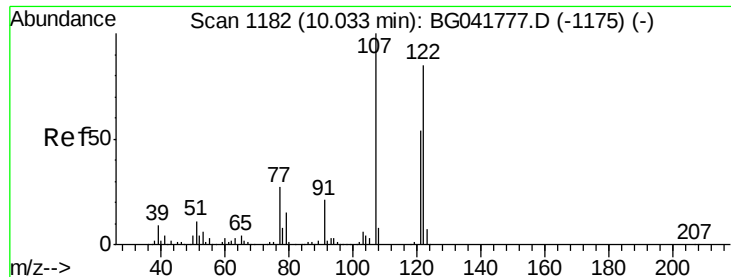
109 30.8 22.7 34.1

65 43.0 41.1 61.7



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

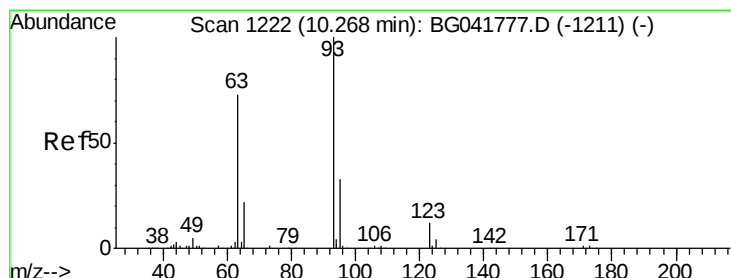
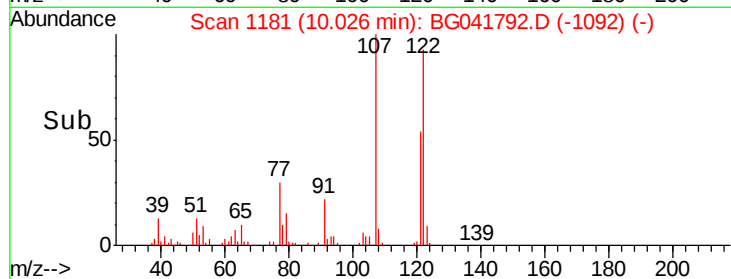
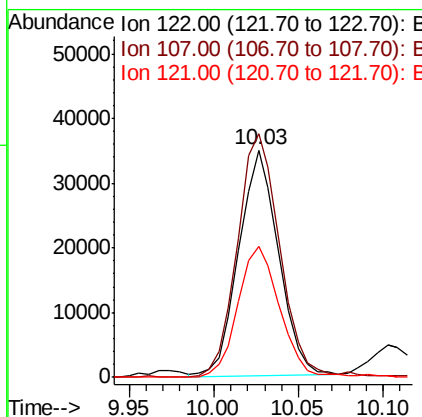
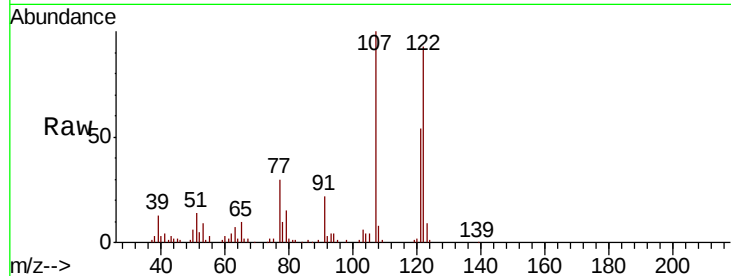




#27
 2,4-Dimethylphenol
 Concen: 10.923 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

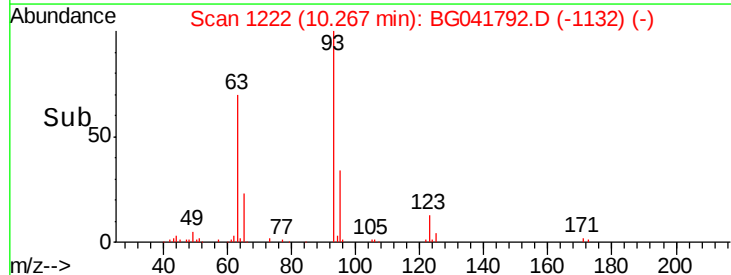
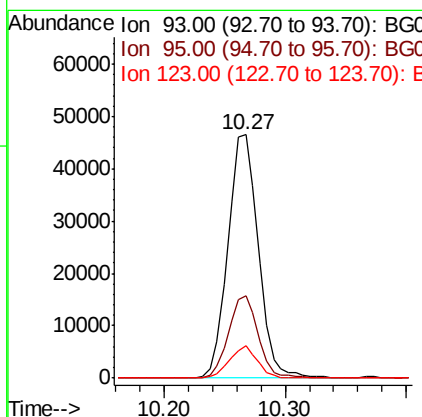
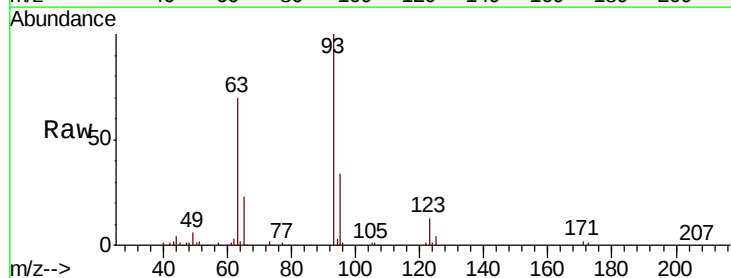
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

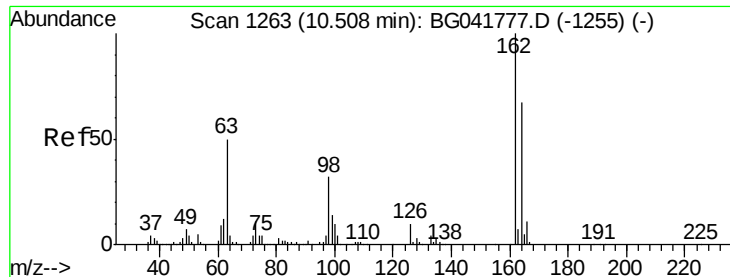
Tot Ion:122 Resp: 57062
 Ion Ratio Lower Upper
 122 100
 107 107.1 91.3 136.9
 121 57.5 49.2 73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.909 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion: 93 Resp: 81548
 Ion Ratio Lower Upper
 93 100
 95 34.1 26.2 39.4
 123 13.1 9.9 14.9

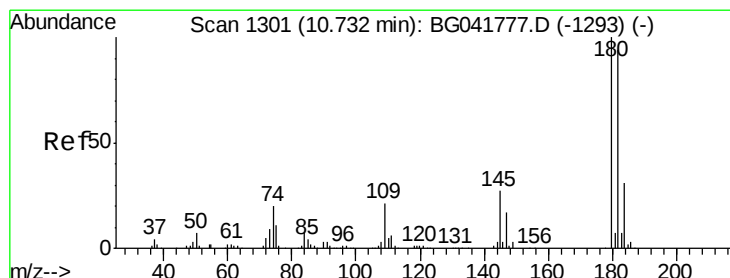
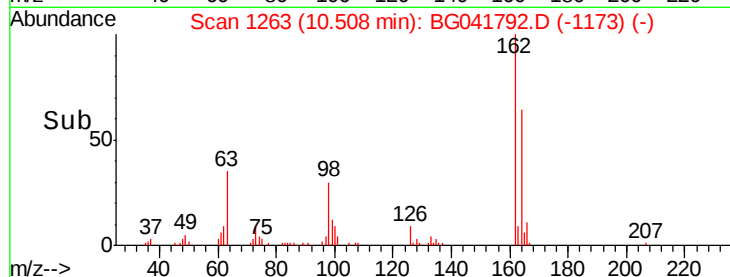
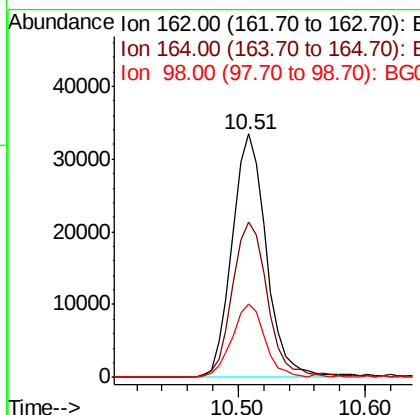
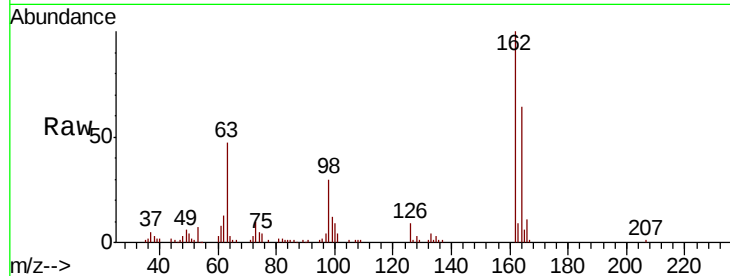




#29
2,4-Dichlorophenol
Concen: 9.815 ng
RT: 10.51 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

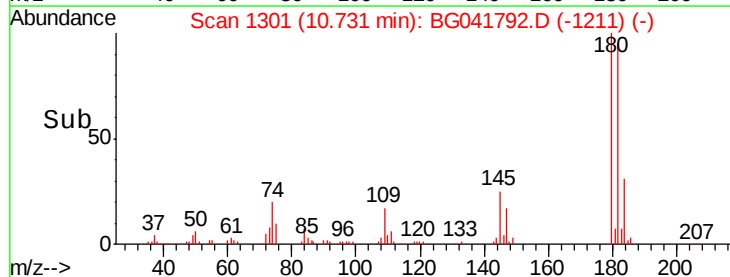
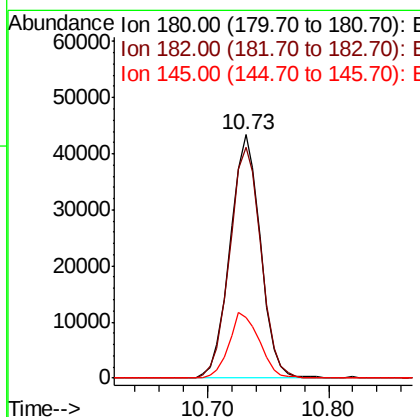
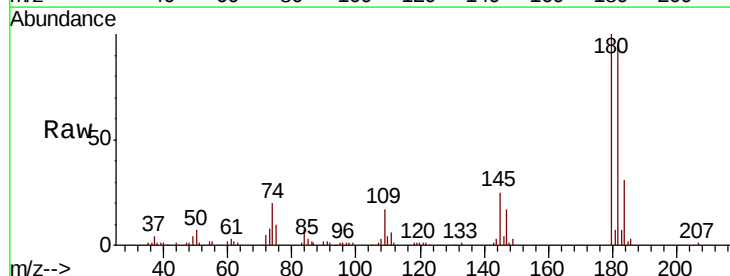
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

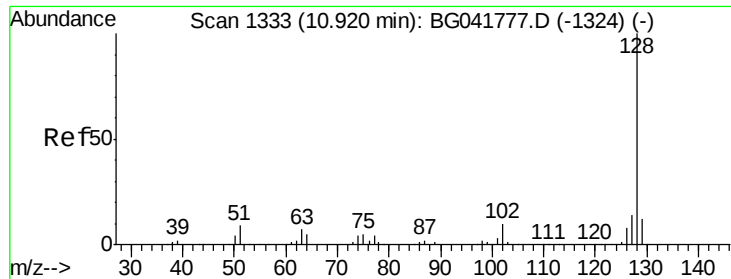
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	46.1	86.1
98	30.3	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 9.394 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.2
145	24.9	23.8	35.8

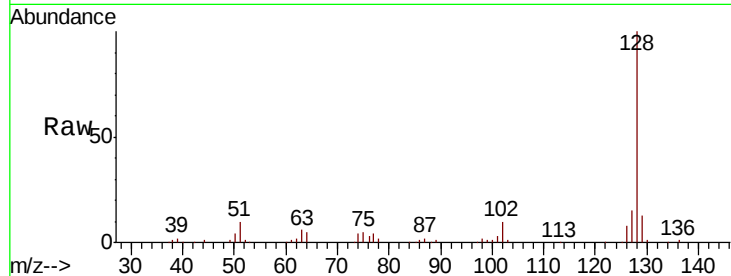




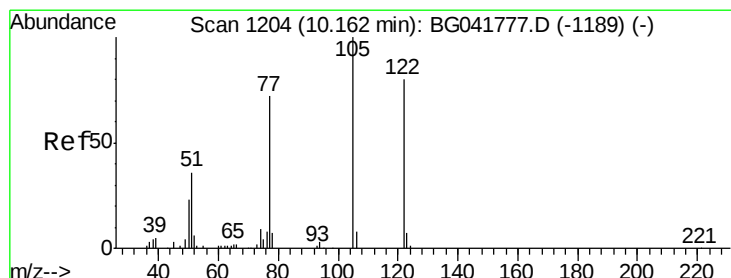
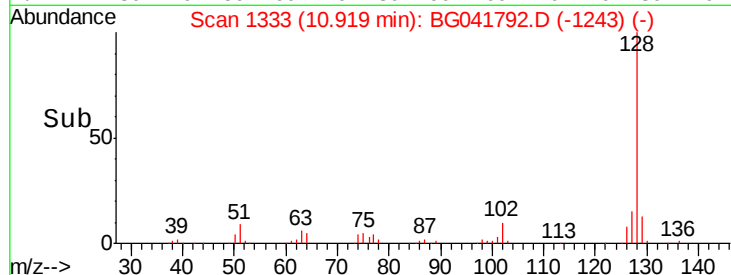
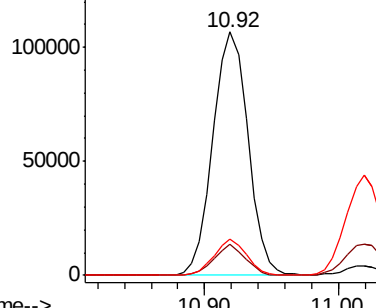
#31
Naphthalene
Concen: 10.199 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:128 Resp: 194468
Ion Ratio Lower Upper
128 100
129 12.9 10.0 15.0
127 14.8 12.3 18.5

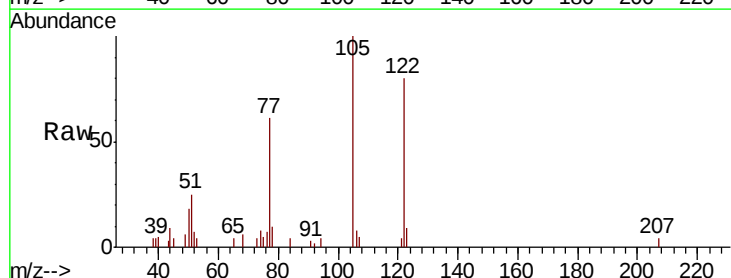


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

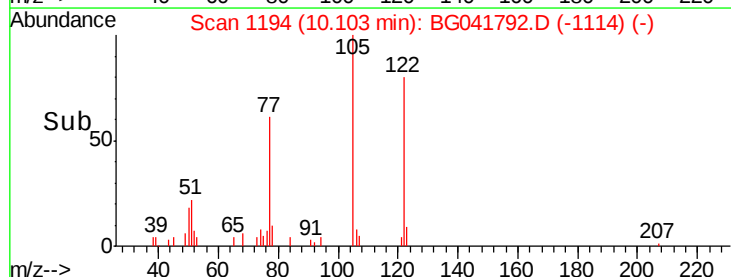
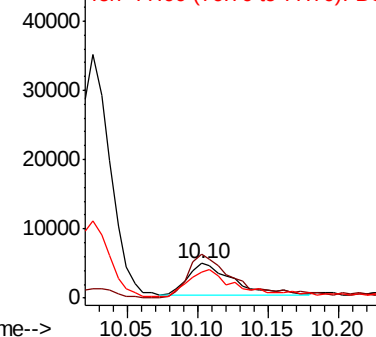


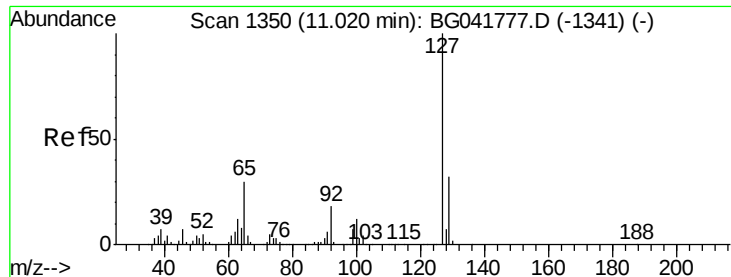
#32
Benzoic acid
Concen: 11.047 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.06 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion:122 Resp: 10576
Ion Ratio Lower Upper
122 100
105 125.4 101.5 141.5
77 76.4 73.0 113.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

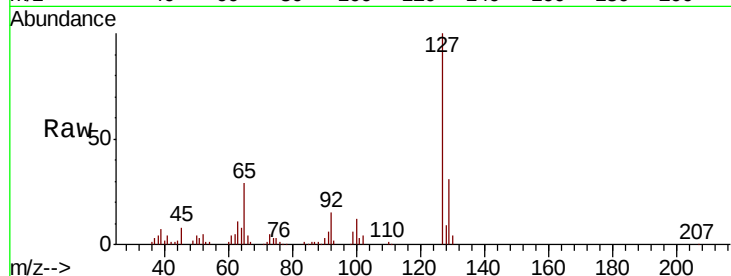




#33
4-Chloroaniline
Concen: 9.287 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.8	38.8
65	29.1	26.7	40.1
92	15.2	15.4	23.0



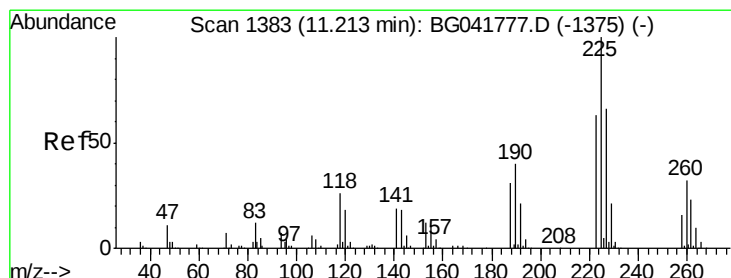
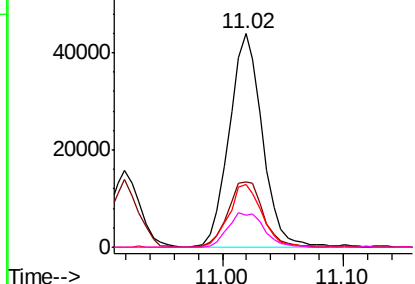
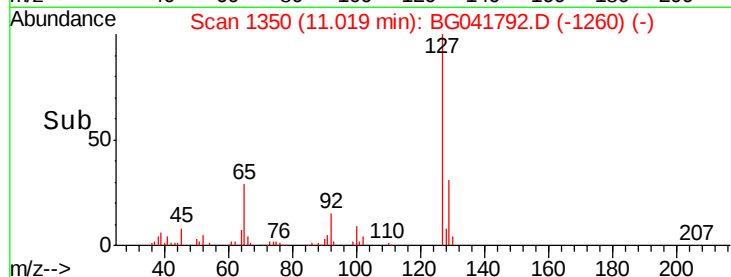
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

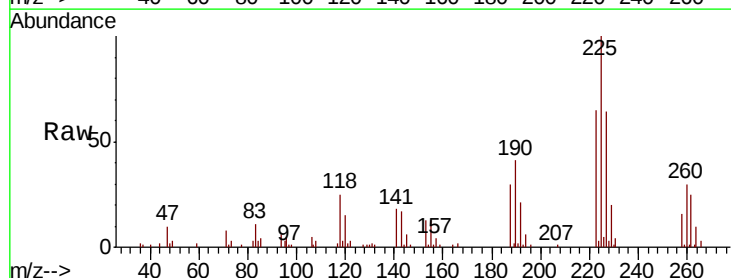
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 9.069 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.1	76.7
227	63.5	50.9	76.3

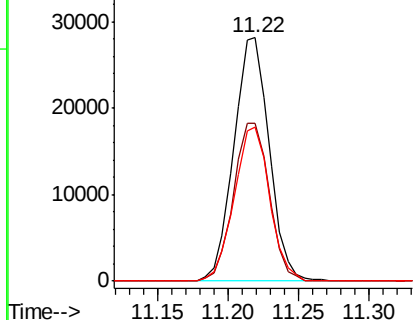
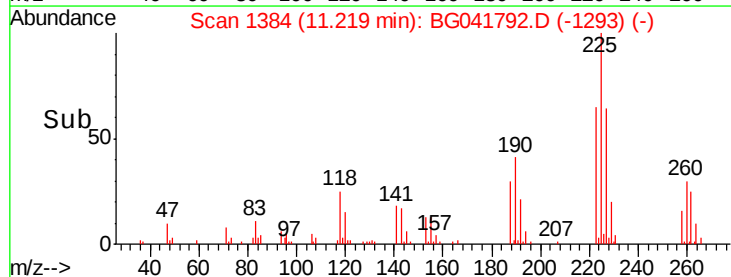


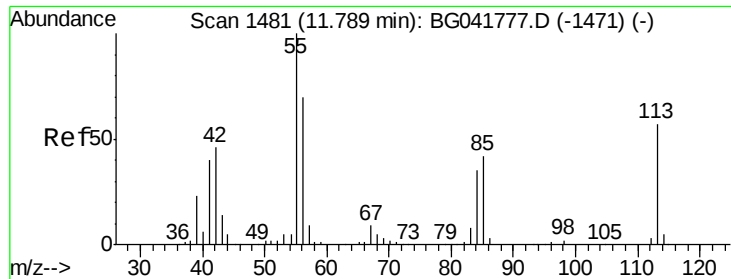
Abundance

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

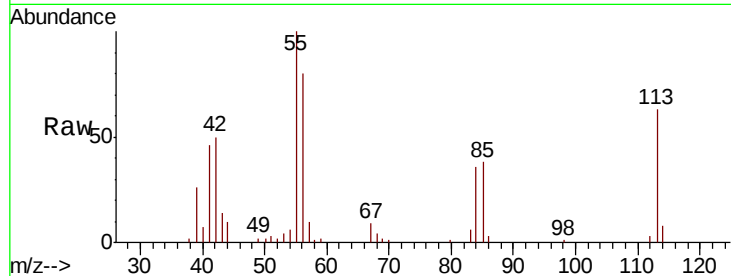




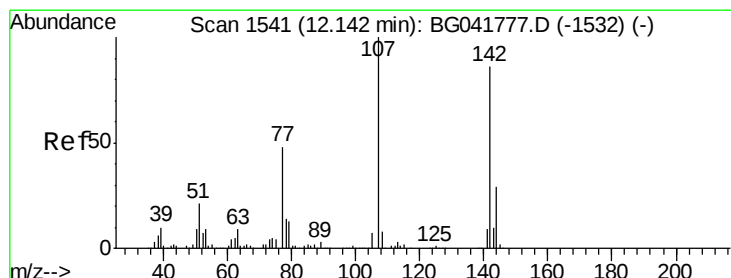
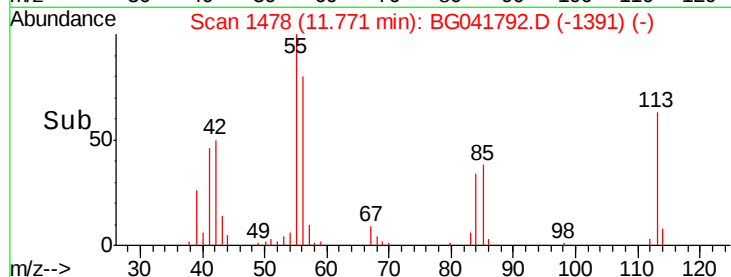
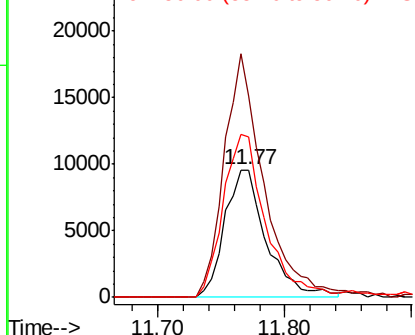
#35
 Caprolactam
 Concen: 9.846 ng
 RT: 11.77 min Scan# 1478
 Delta R.T. -0.02 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion:113 Resp: 21769
 Ion Ratio Lower Upper
 113 100
 55 157.6 199.4 239.4#
 56 125.7 133.6 173.6#

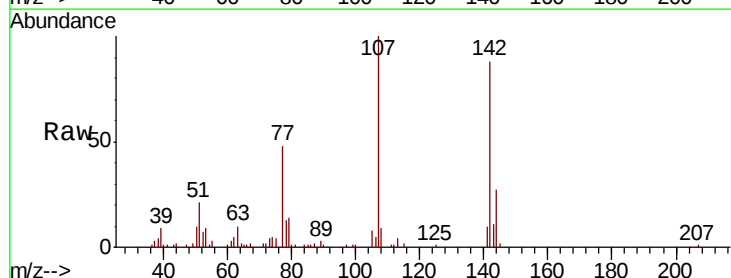


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

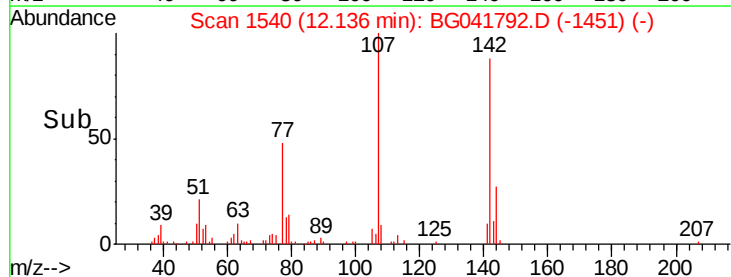
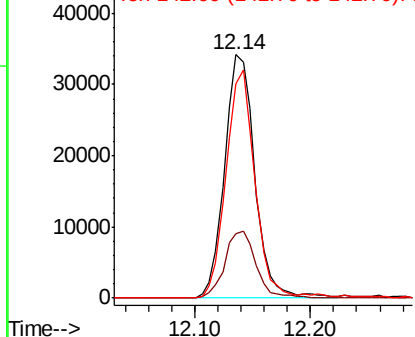


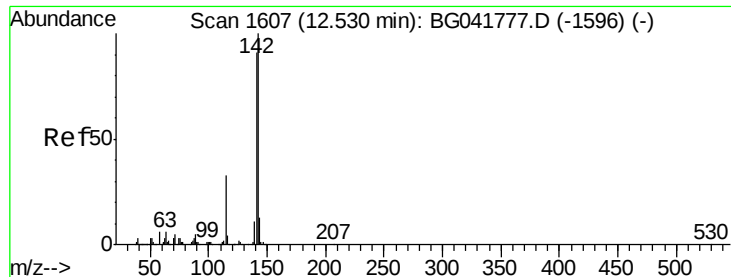
#36
 4-Chloro-3-methylphenol
 Concen: 9.861 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion:107 Resp: 62193
 Ion Ratio Lower Upper
 107 100
 144 26.5 22.2 33.2
 142 88.2 67.3 100.9



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

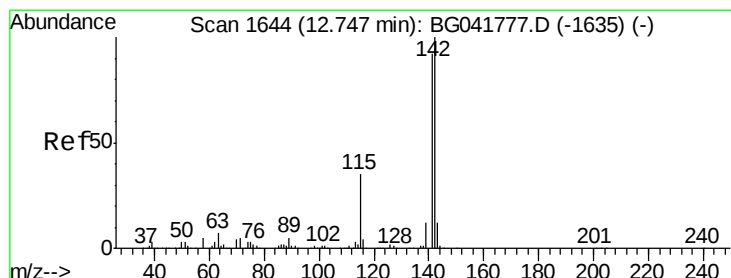
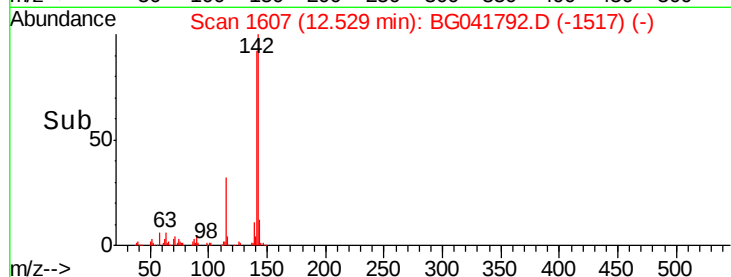
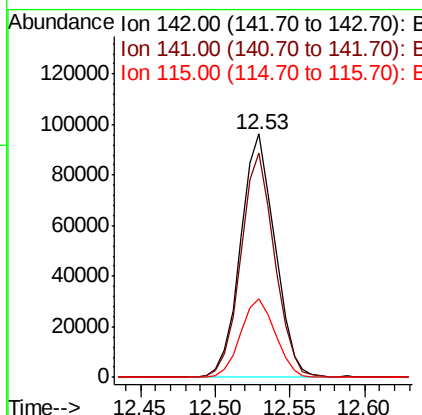
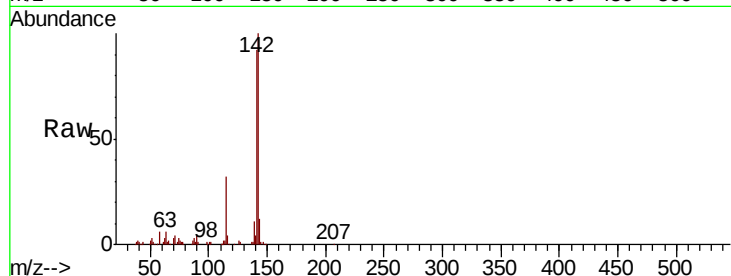




#37
2-Methylnaphthalene
Concen: 10.196 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

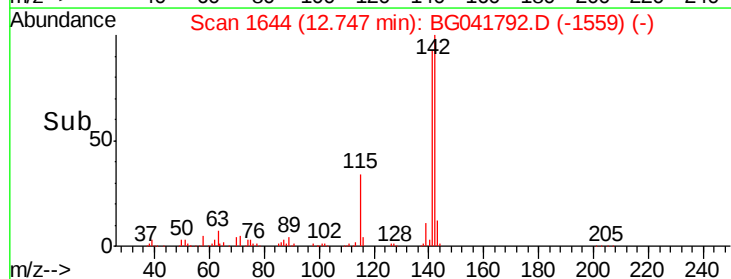
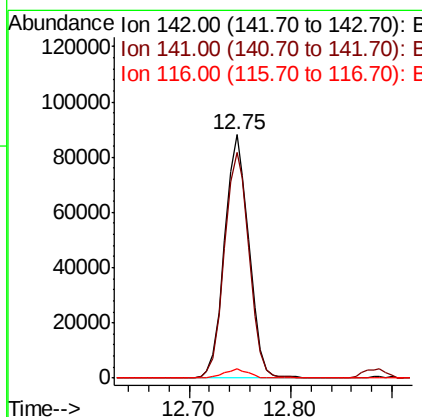
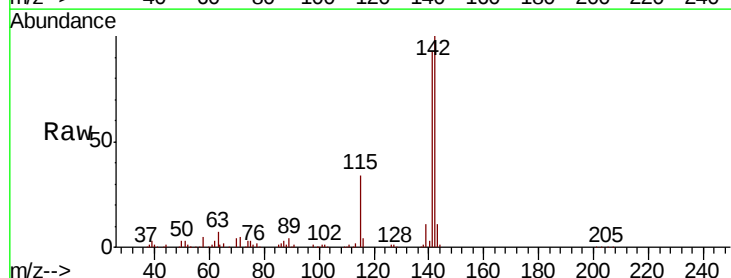
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

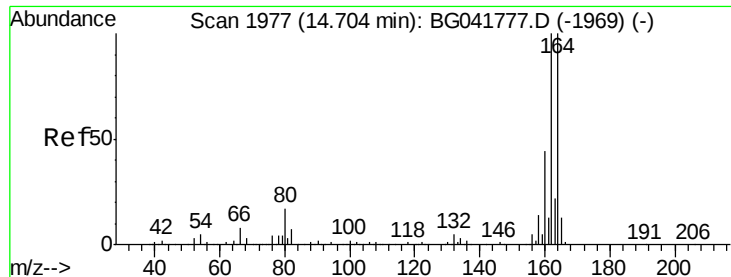
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.7	109.1
115	32.0	27.0	40.4



#38
1-Methylnaphthalene
Concen: 10.207 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.4	113.2
116	3.9	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

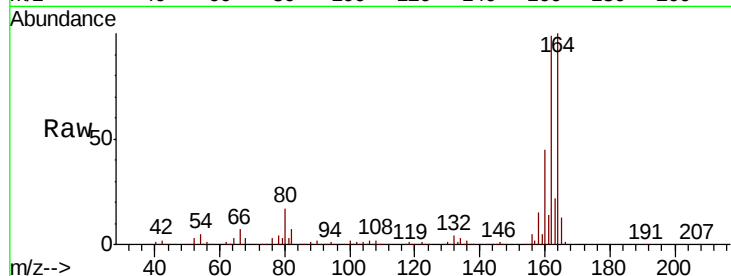
Tot Ion:164 Resp: 300570

Ion Ratio Lower Upper

164 100

162 99.0 79.6 119.4

160 44.5 35.4 53.0

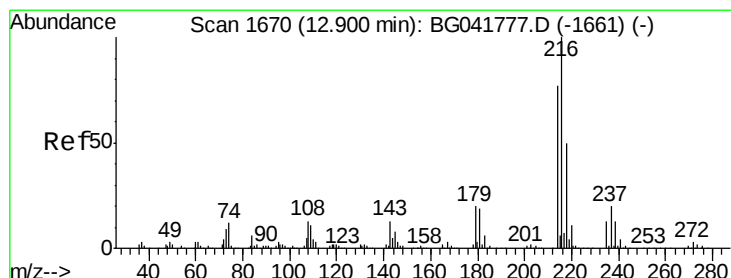
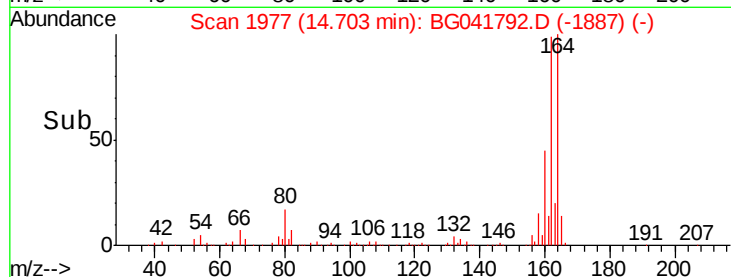
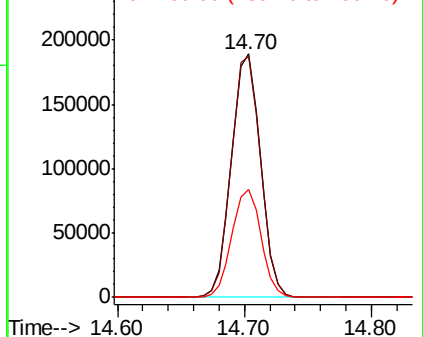


Abundance

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: 9.975 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Tgt Ion:216 Resp: 94901

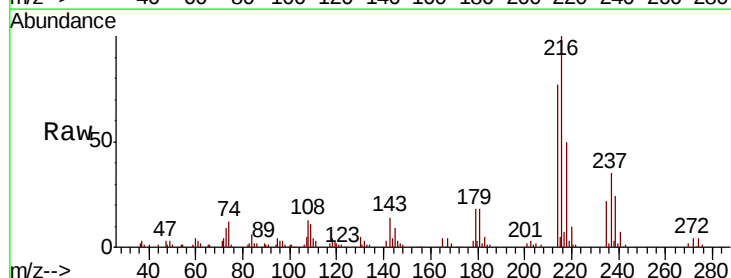
Ion Ratio Lower Upper

216 100

214 77.1 61.5 92.3

179 18.9 16.2 24.2

108 12.8 13.2 19.8#



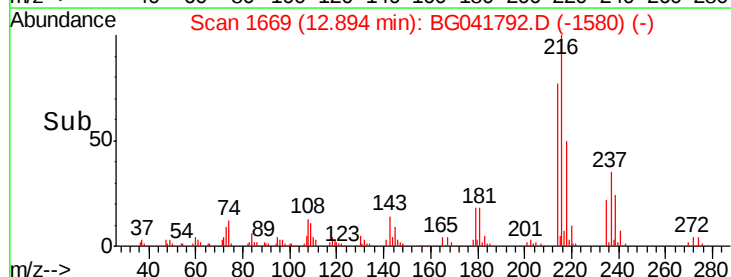
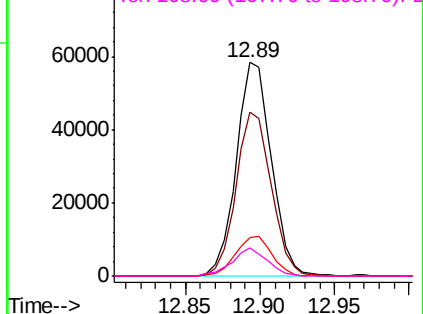
Abundance

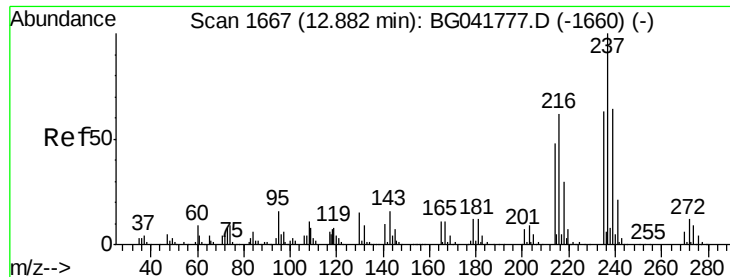
Ion 216.00 (215.70 to 216.70): E

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: 9.932 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

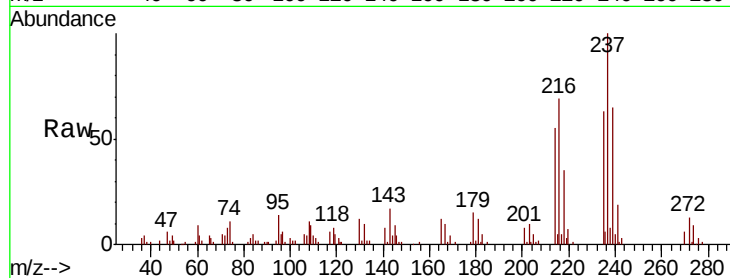
Tot Ion:237 Resp: 53127

Ion Ratio Lower Upper

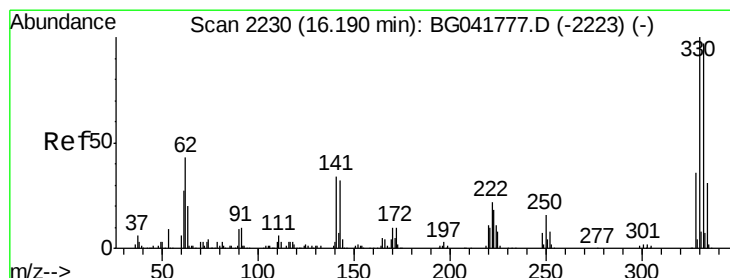
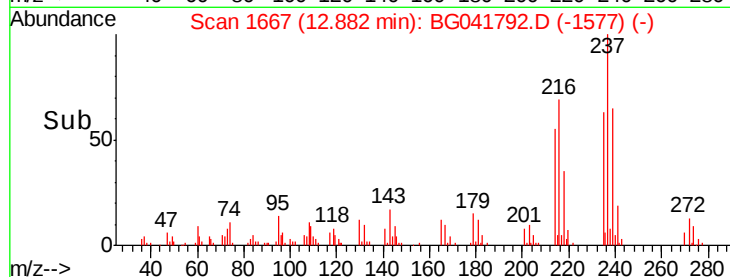
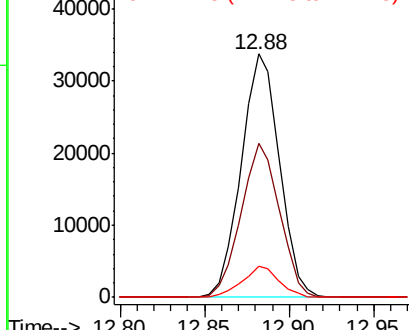
237 100

235 63.0 43.5 83.5

272 12.6 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.333 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

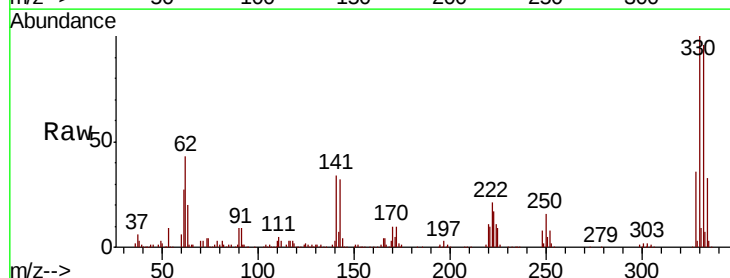
Tgt Ion:330 Resp: 434722

Ion Ratio Lower Upper

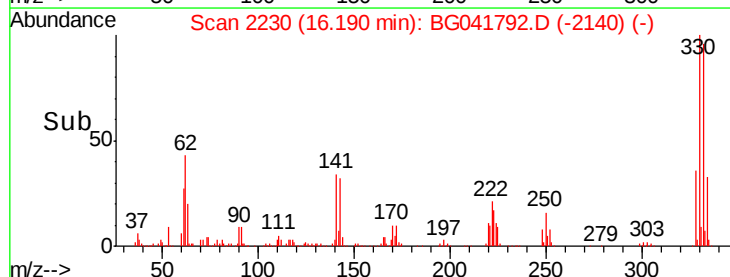
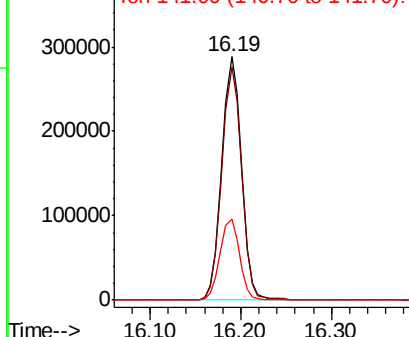
330 100

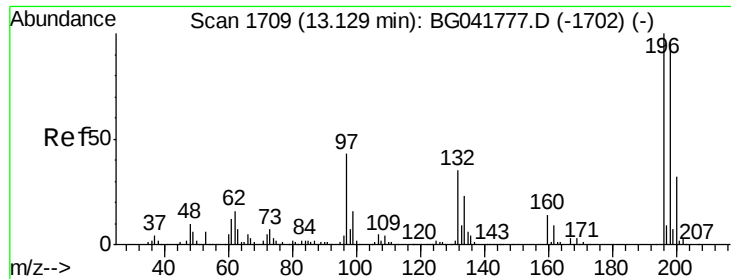
332 96.0 77.4 116.0

141 33.2 31.9 47.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

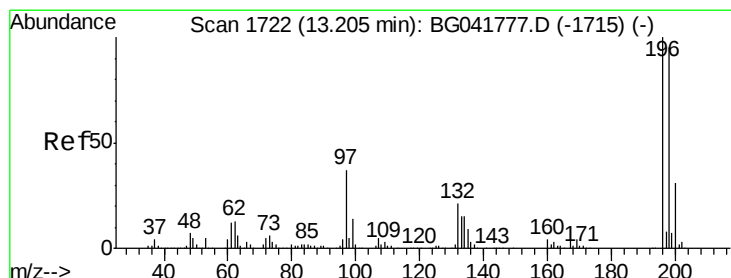
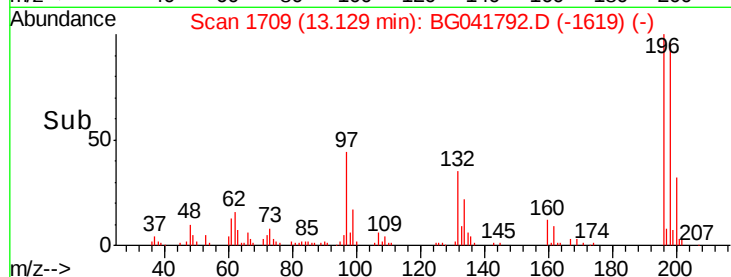
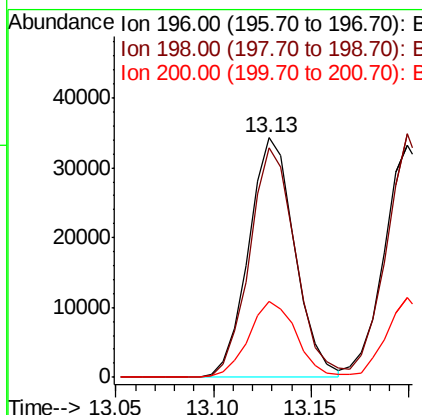
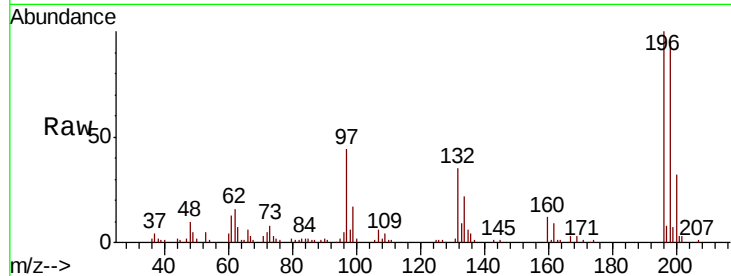




#43
 2,4,6-Trichlorophenol
 Concen: 9.299 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

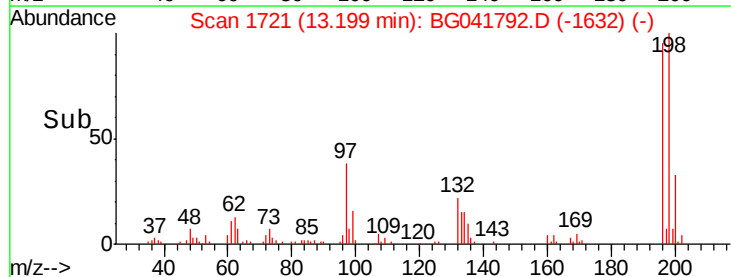
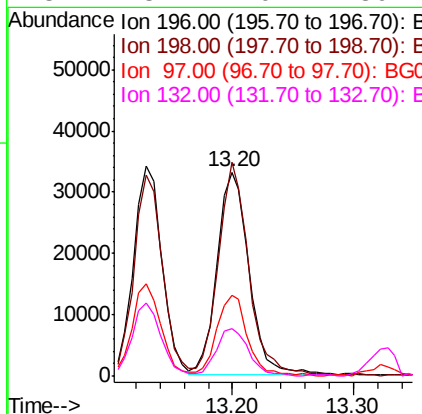
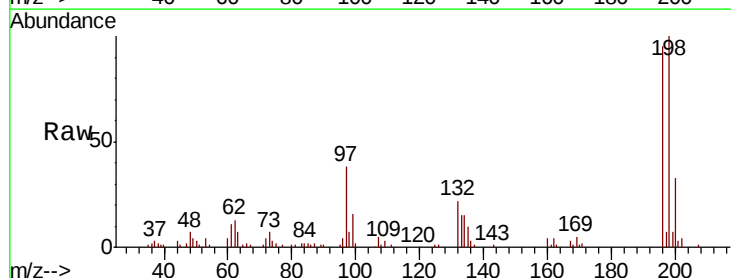
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

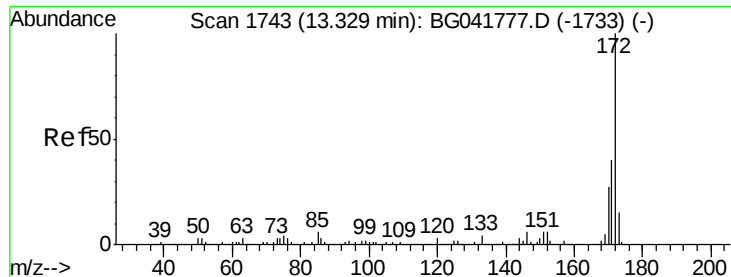
Tot Ion:196 Resp: 55918
 Ion Ratio Lower Upper
 196 100
 198 95.6 79.6 119.4
 200 31.7 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 9.664 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion:196 Resp: 60390
 Ion Ratio Lower Upper
 196 100
 198 104.8 80.6 121.0
 97 39.9 33.9 50.9
 132 23.1 20.2 30.2

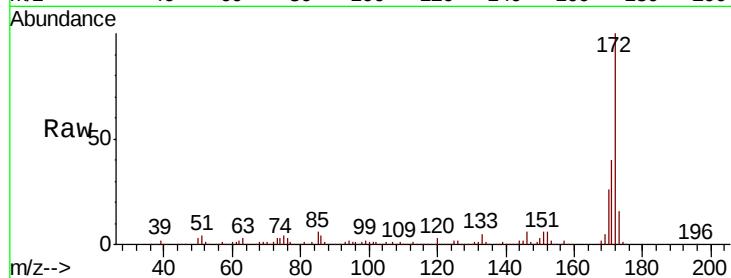




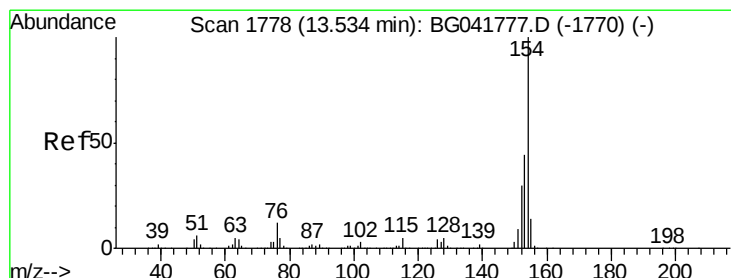
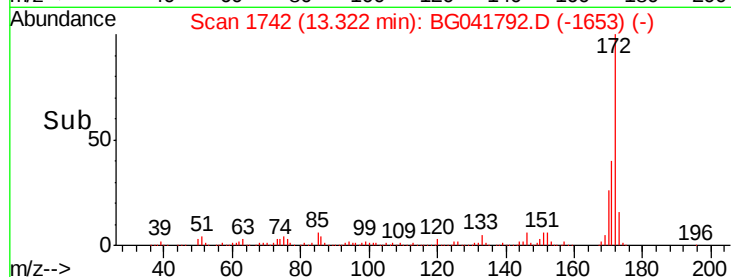
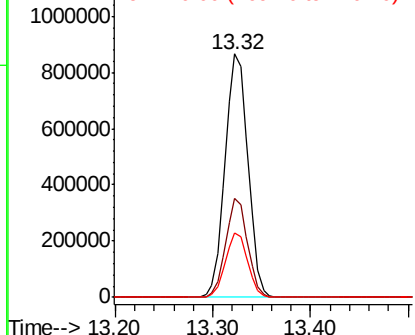
#45
2-Fluorobiphenyl
Concen: 82.456 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:172 Resp: 1405201
Ion Ratio Lower Upper
172 100
171 40.4 35.0 52.4
170 26.5 23.5 35.3

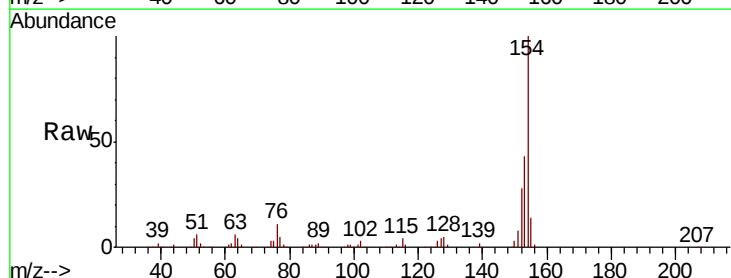


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

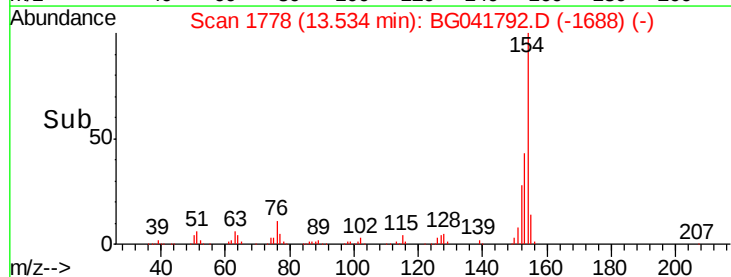
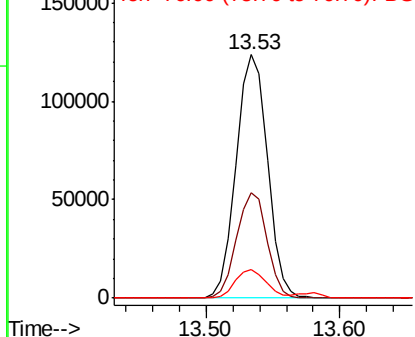


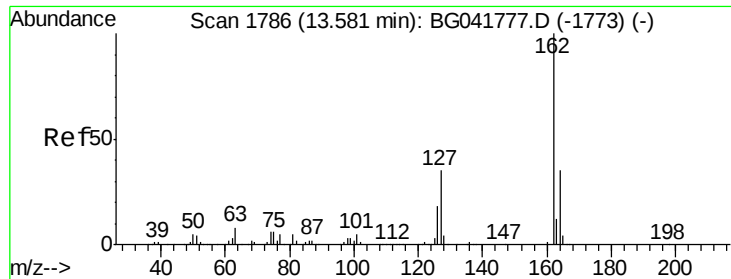
#46
1,1'-Biphenyl
Concen: 10.394 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion:154 Resp: 200834
Ion Ratio Lower Upper
154 100
153 43.4 25.0 65.0
76 11.5 0.0 34.5



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

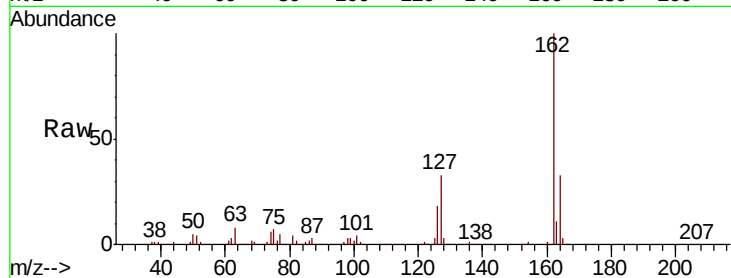




#47
2-Chloronaphthalene
Concen: 9.789 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.1	30.4	45.6
164	33.2	28.6	42.8

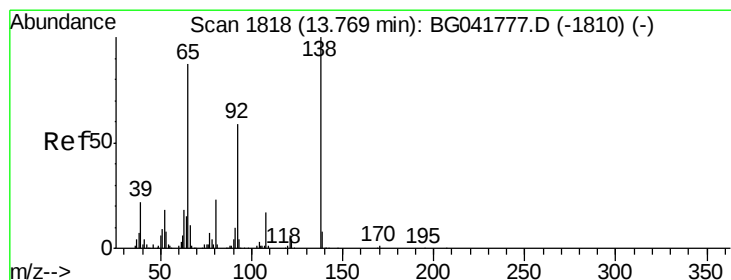
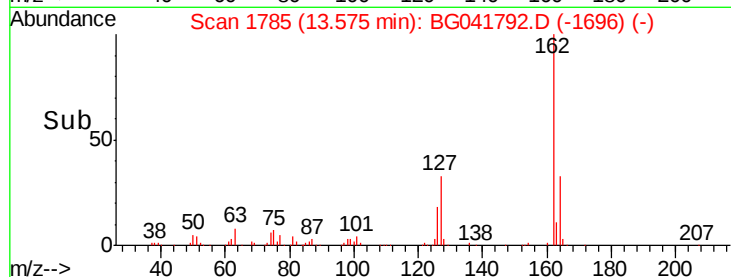
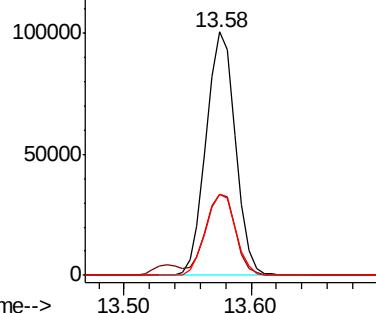


Abundance

Ion 162.00 (161.70 to 162.70): E

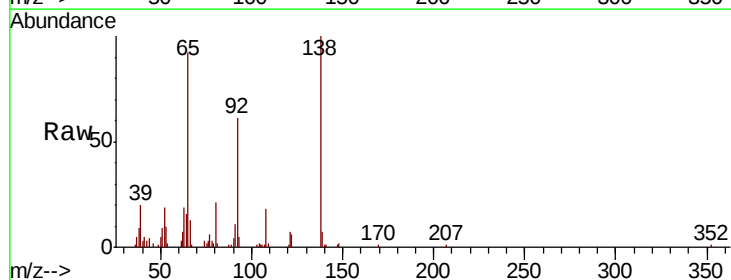
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 9.173 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.1	53.9	80.9
138	109.1	83.5	125.3

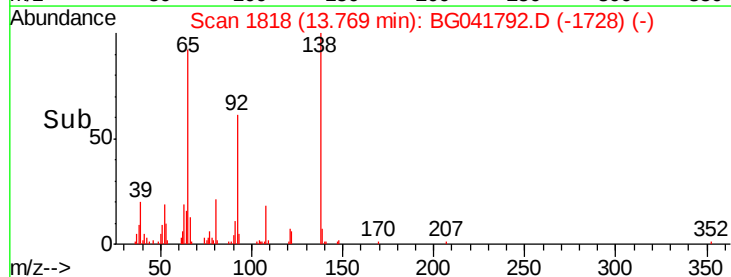
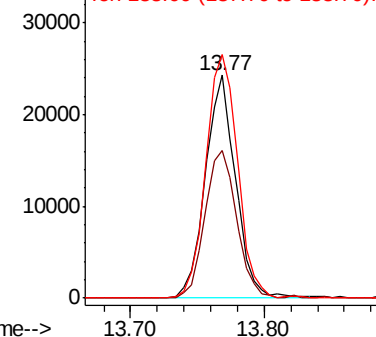


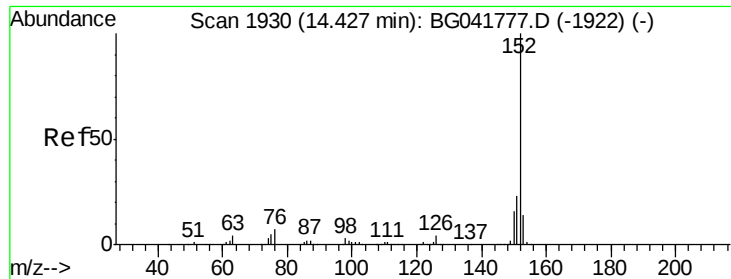
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 10.751 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

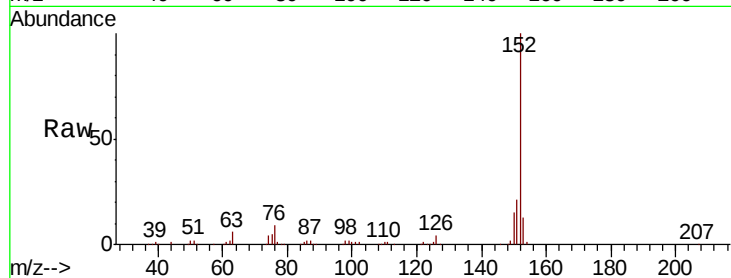
Tot Ion:152 Resp: 264540

Ion Ratio Lower Upper

152 100

151 20.8 18.7 28.1

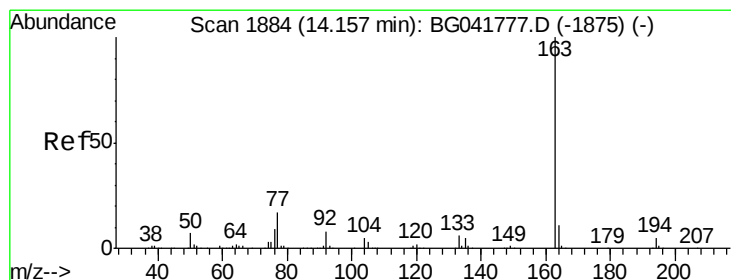
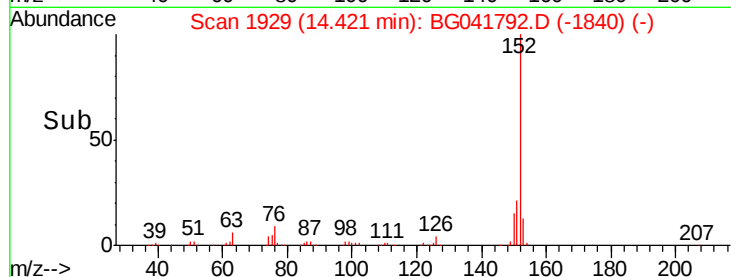
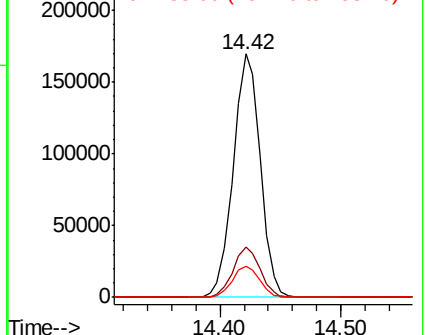
153 12.8 12.4 18.6



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: 10.365 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

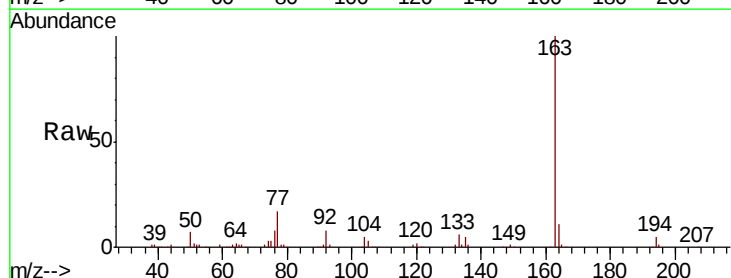
Tgt Ion:163 Resp: 212759

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

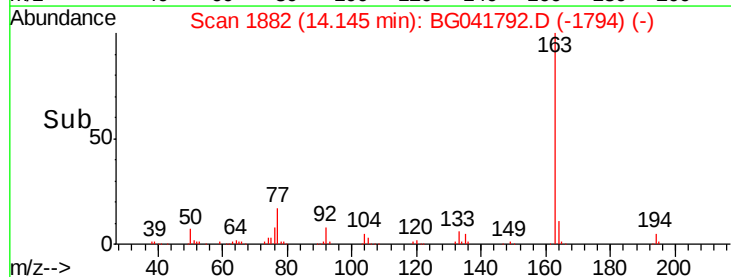
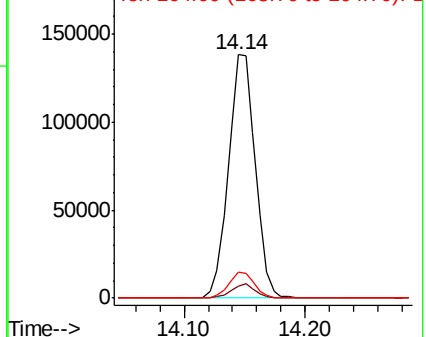
164 10.5 9.4 14.2

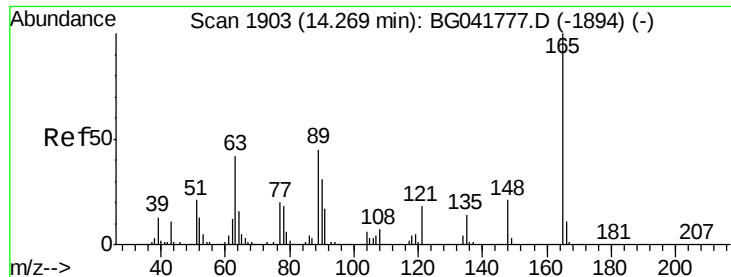


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

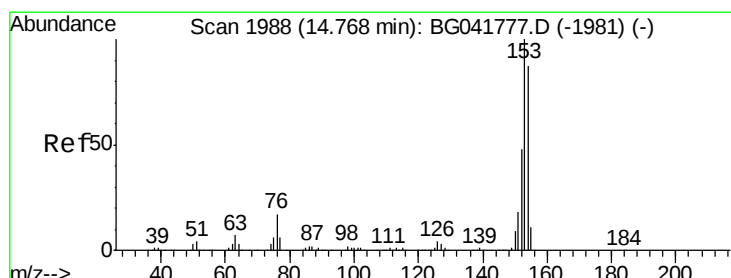
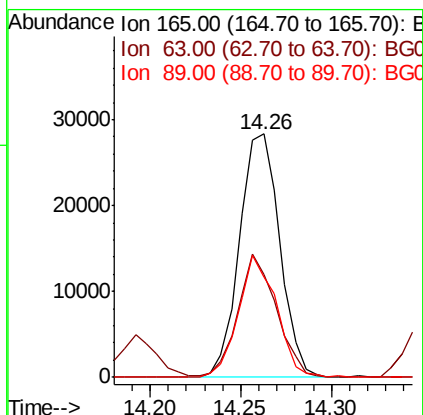
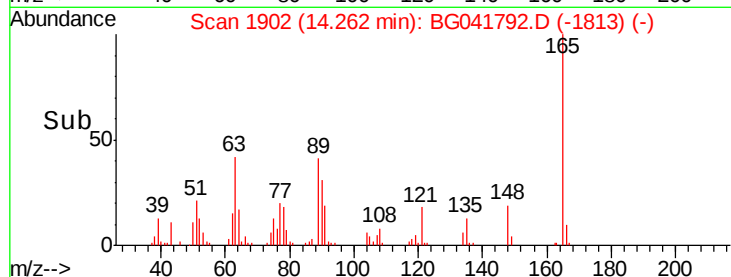
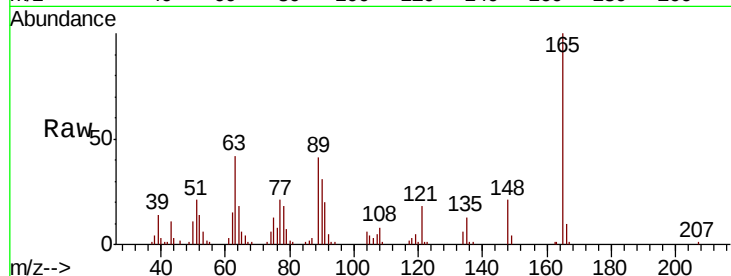




#51
2,6-Dinitrotoluene
Concen: 10.205 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

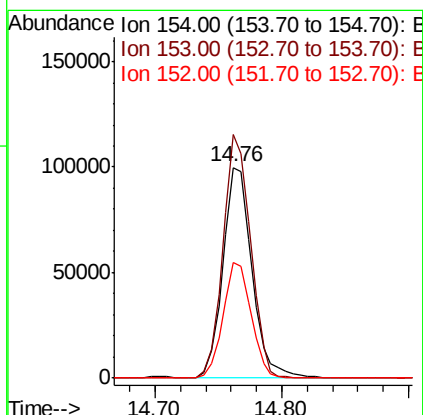
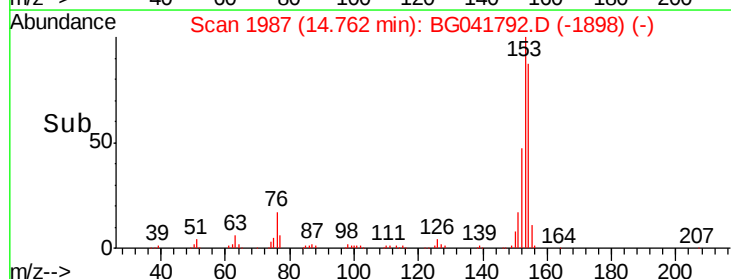
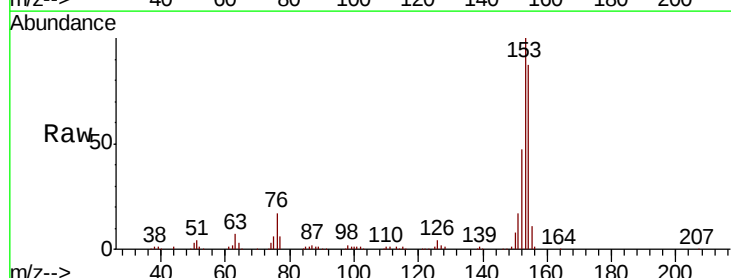
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

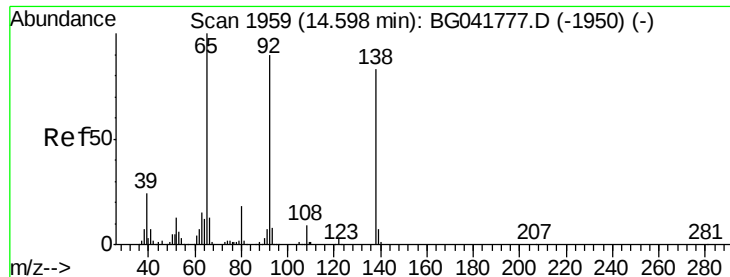
Tot Ion:165 Resp: 43805
Ion Ratio Lower Upper
165 100
63 42.1 42.4 63.6#
89 41.1 42.1 63.1#



#52
Acenaphthene
Concen: 9.936 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion:154 Resp: 159020
Ion Ratio Lower Upper
154 100
153 115.6 89.8 134.6
152 54.7 44.9 67.3





#53

3-Nitroaniline

Concen: 9.219 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

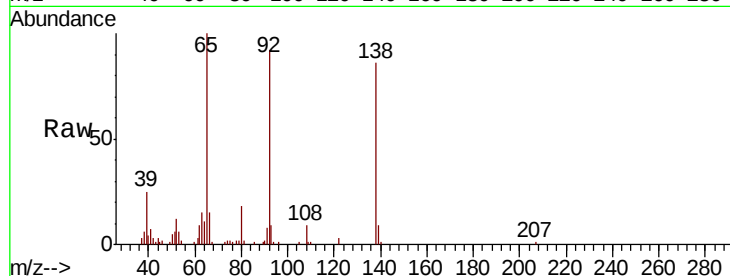
Tot Ion:138 Resp: 42336

Ion Ratio Lower Upper

138 100

108 10.6 10.3 15.5

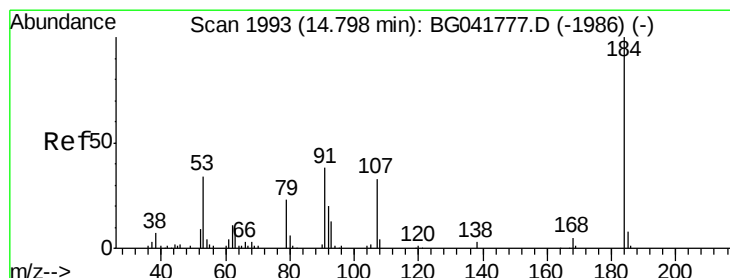
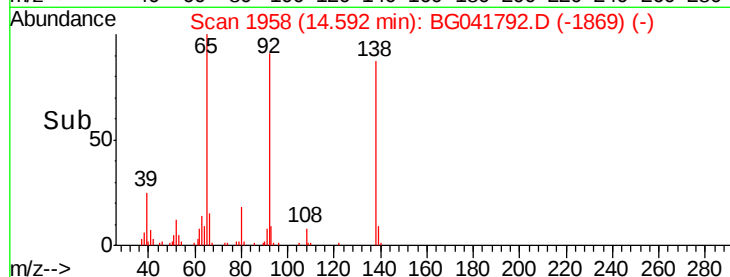
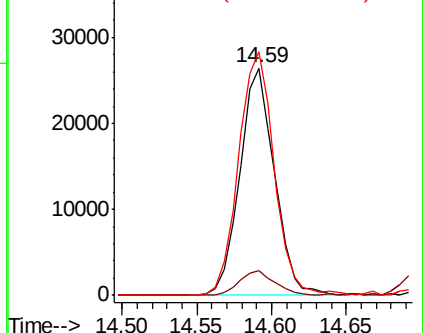
92 107.0 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 10.174 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

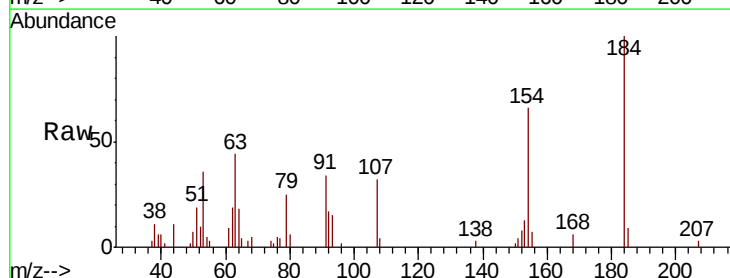
Tgt Ion:184 Resp: 13307

Ion Ratio Lower Upper

184 100

63 43.9 43.2 64.8

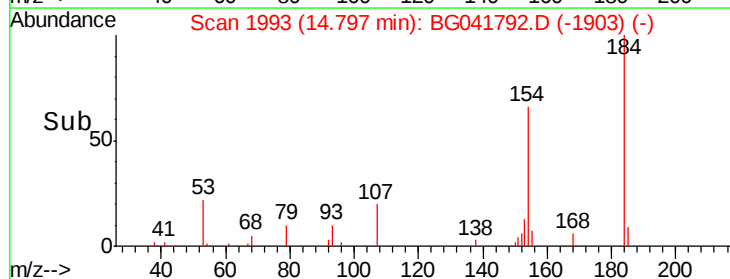
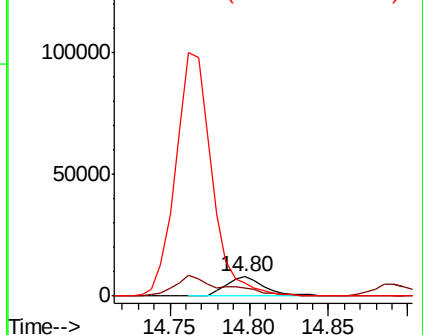
154 65.9 51.4 77.2

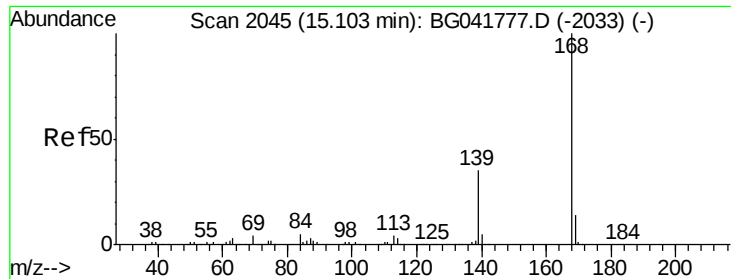


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

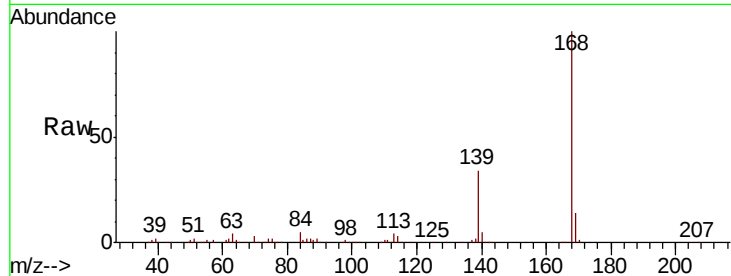




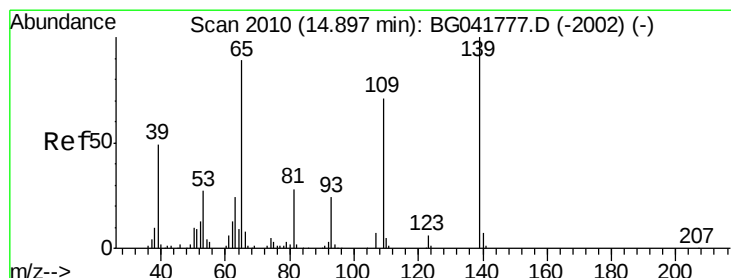
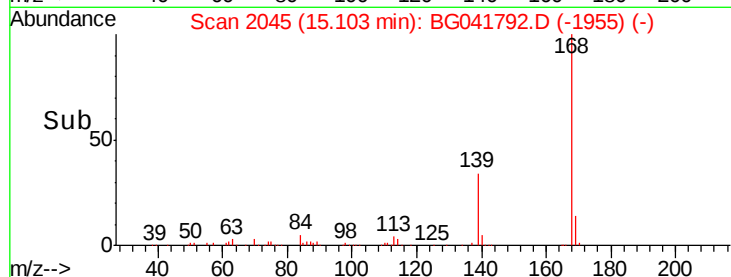
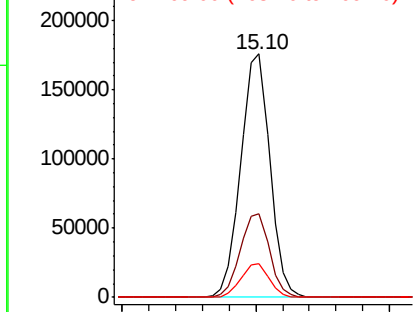
#55
Dibenzenofuran
Concen: 10.838 ng
RT: 15.10 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:168 Resp: 265311
Ion Ratio Lower Upper
168 100
139 34.5 31.9 47.9
169 14.0 12.5 18.7

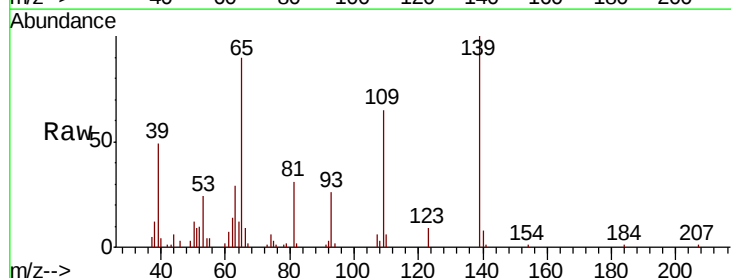


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

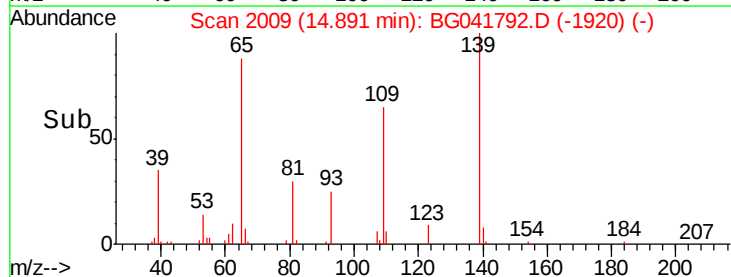
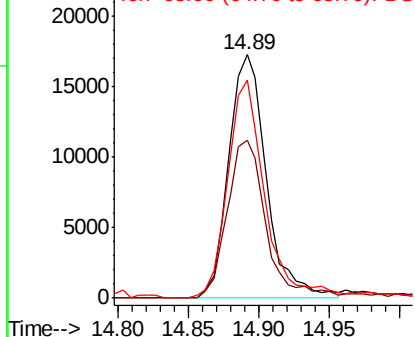


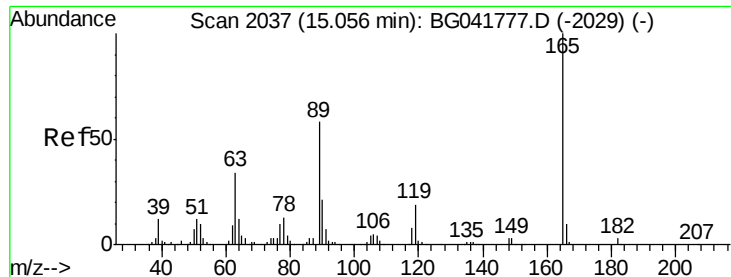
#56
4-Nitrophenol
Concen: 9.249 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion:139 Resp: 32238
Ion Ratio Lower Upper
139 100
109 64.6 51.3 91.3
65 89.6 77.6 117.6



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

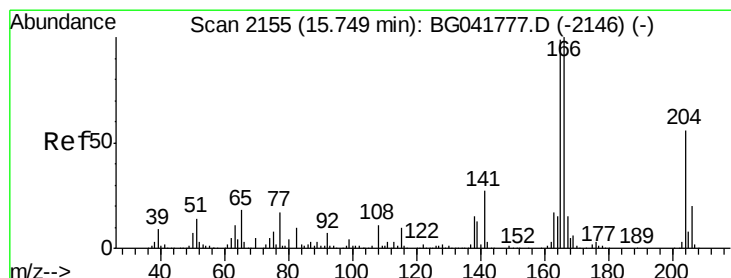
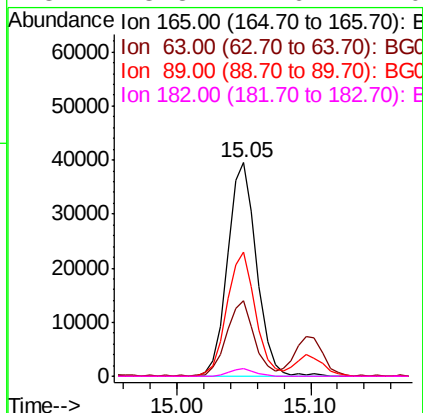
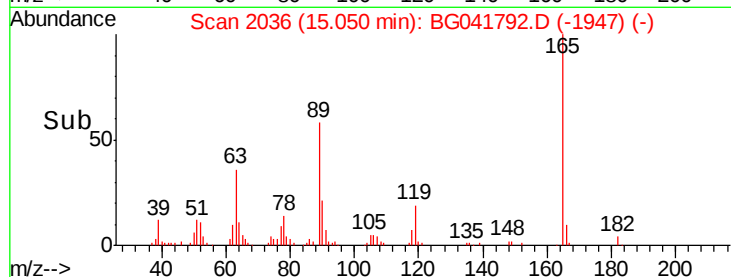
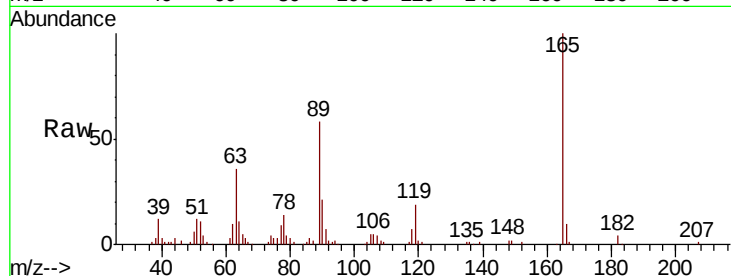




#57
2,4-Dinitrotoluene
Concen: 10.105 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

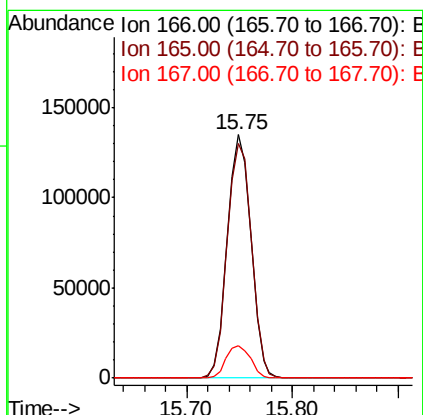
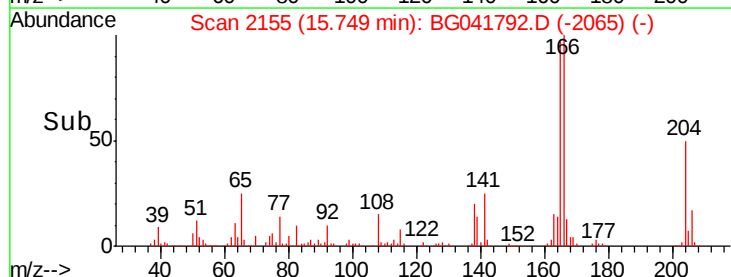
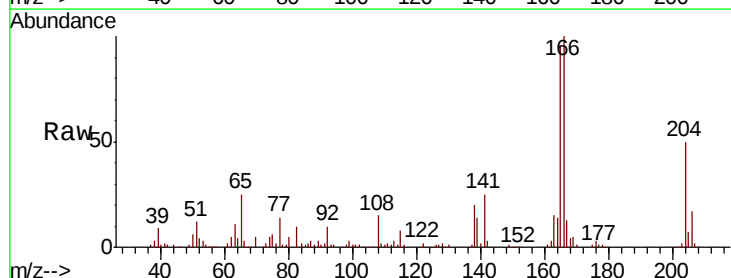
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

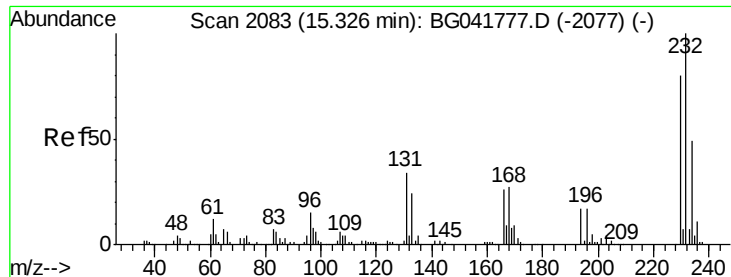
Tot Ion:165 Resp: 59650
Ion Ratio Lower Upper
165 100
63 35.5 31.7 47.5
89 57.9 50.2 75.4
182 3.8 2.6 4.0



#58
Fluorene
Concen: 10.662 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion:166 Resp: 209459
Ion Ratio Lower Upper
166 100
165 96.4 80.5 120.7
167 13.1 12.4 18.6

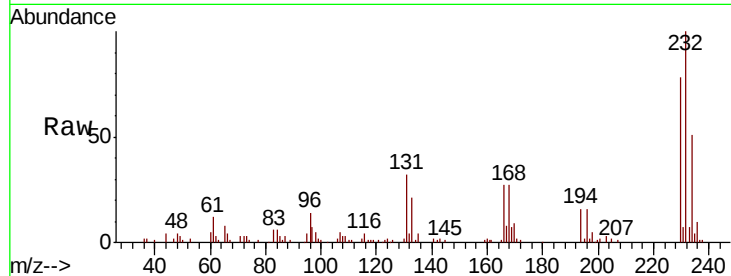




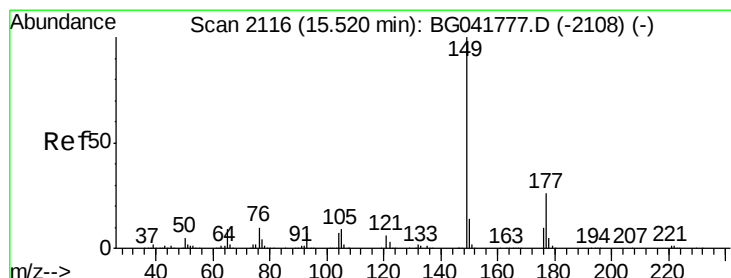
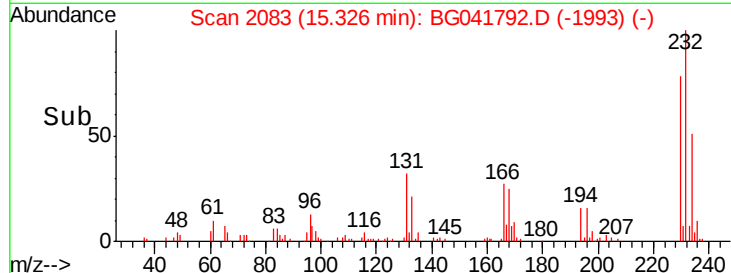
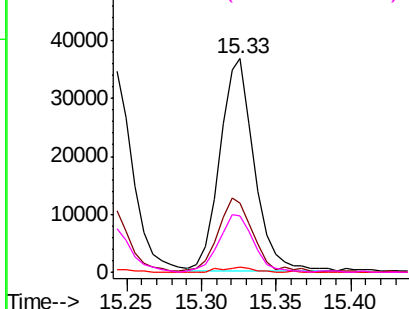
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.518 ng
RT: 15.33 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:232 Resp: 58911
Ion Ratio Lower Upper
232 100
131 35.8 31.8 47.6
130 2.2 1.8 2.8
166 27.8 23.5 35.3

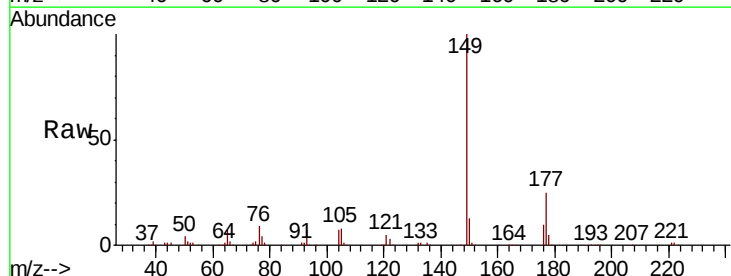


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

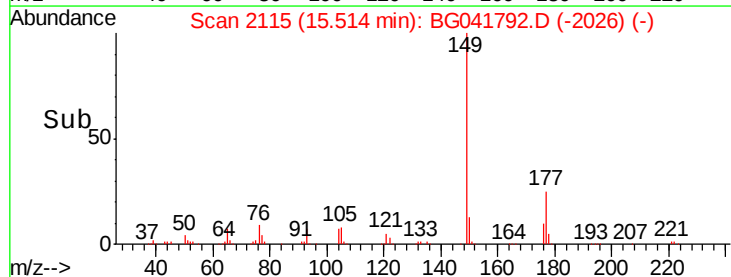
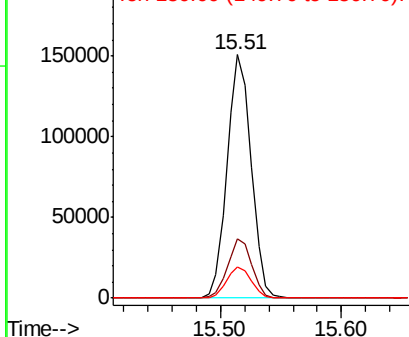


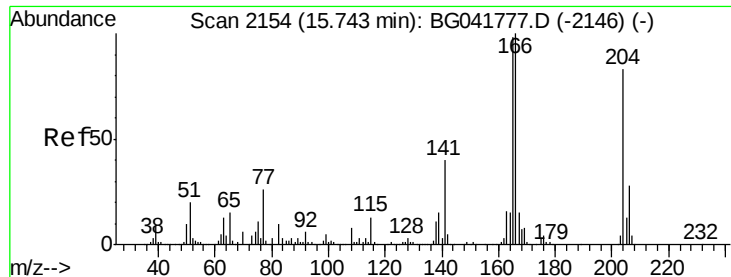
#60
Diethylphthalate
Concen: 10.349 ng
RT: 15.51 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion:149 Resp: 208574
Ion Ratio Lower Upper
149 100
177 24.6 20.7 31.1
150 12.8 11.5 17.3



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

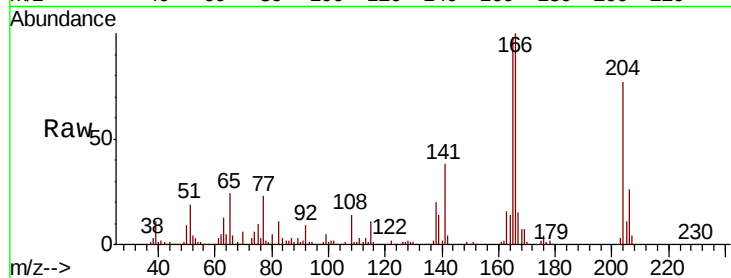




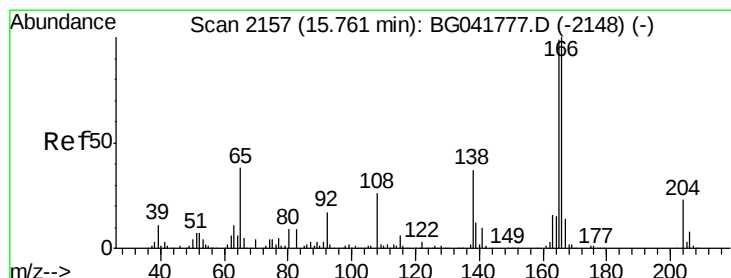
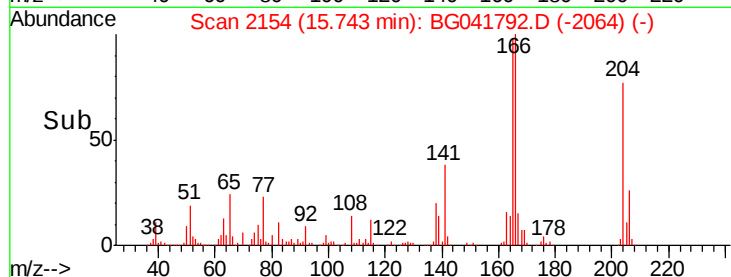
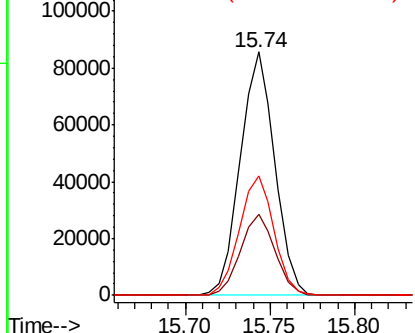
#61
 4-Chlorophenyl-phenylether
 Concen: 10.114 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	28.6	42.8
141	48.8	42.9	64.3

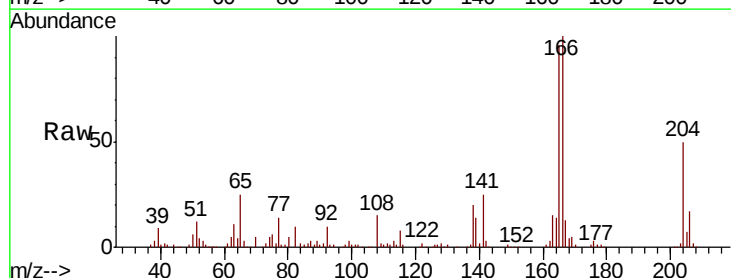


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

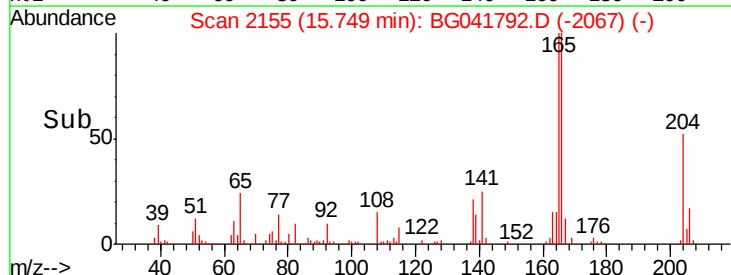
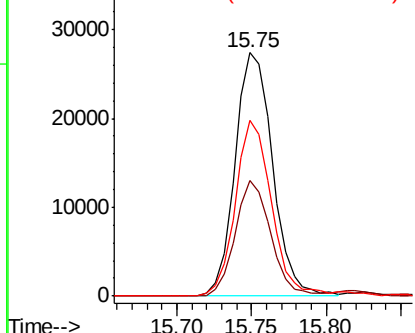


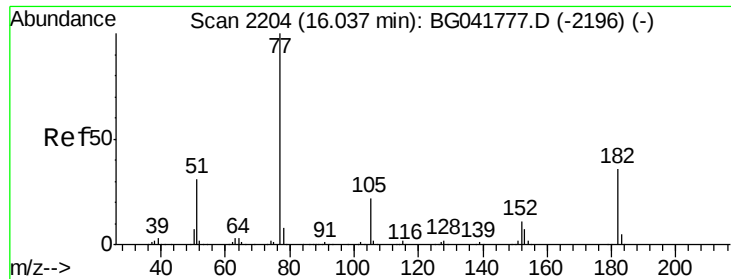
#62
 4-Nitroaniline
 Concen: 9.642 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	29.8	69.8
108	72.2	52.2	92.2



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: 10.237 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion: 77 Resp: 168529

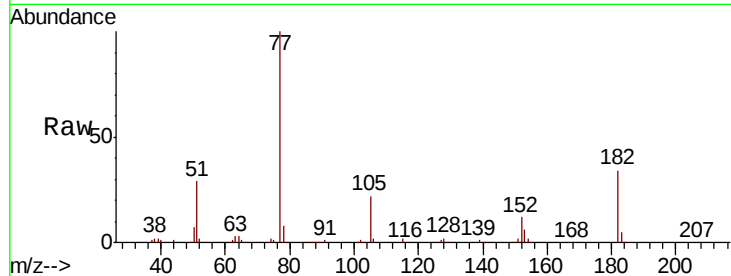
Ion Ratio Lower Upper

77 100

182 34.0 13.2 53.2

105 22.2 2.2 42.2

51 29.2 14.6 54.6

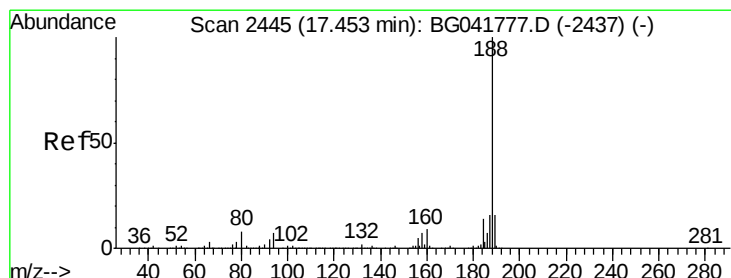
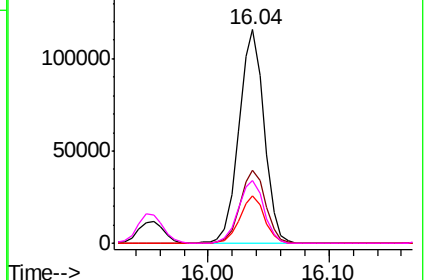
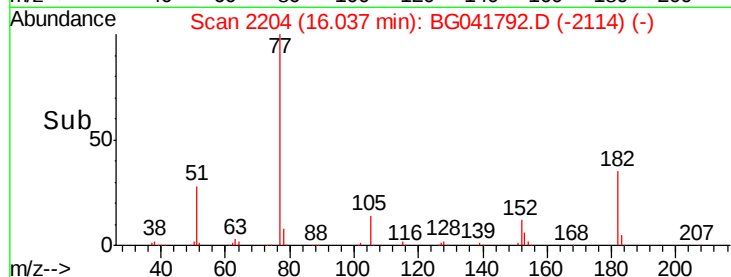


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.45 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

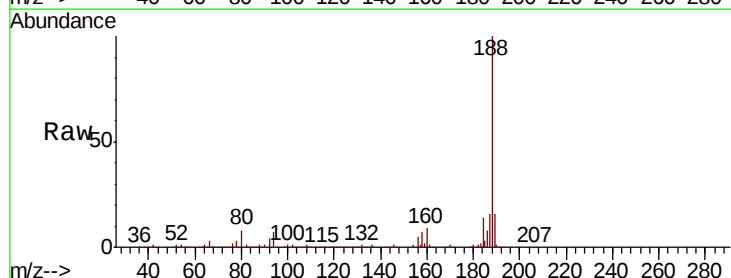
Tgt Ion: 188 Resp: 668780

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

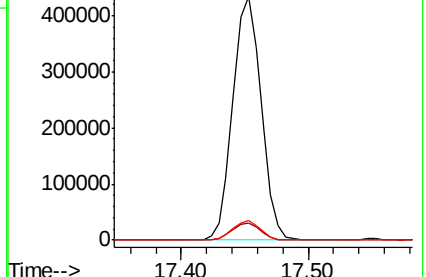
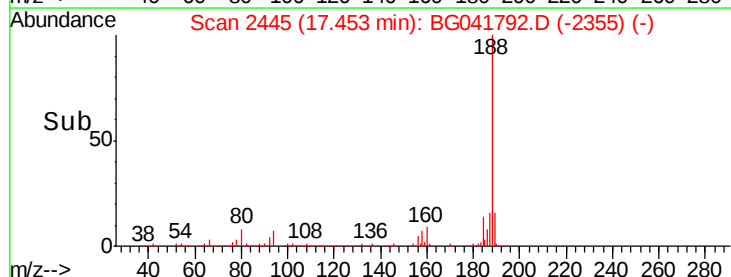
80 7.9 8.0 12.0#

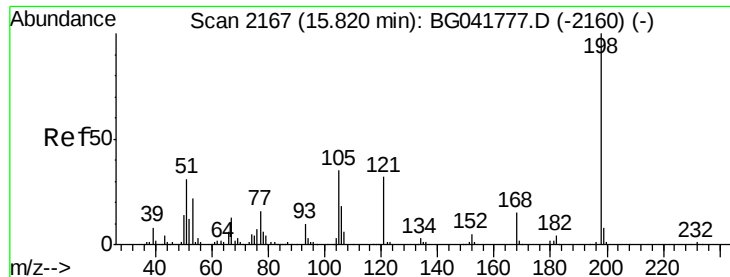


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

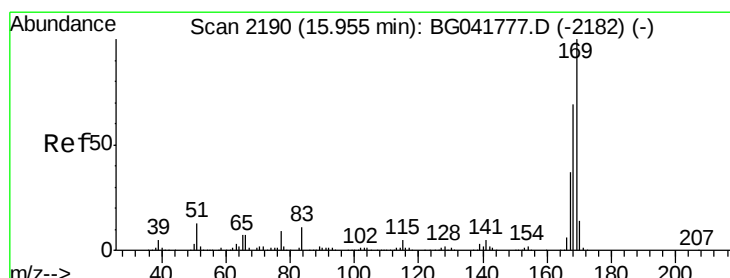
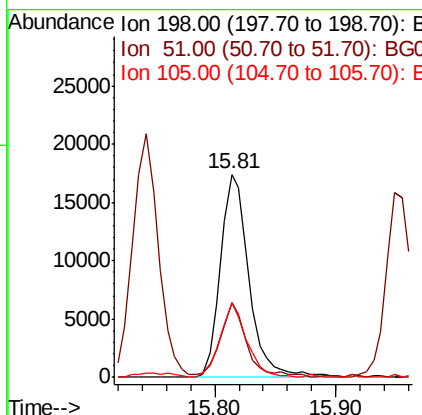
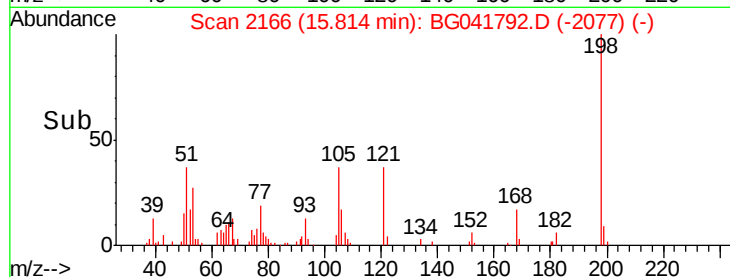
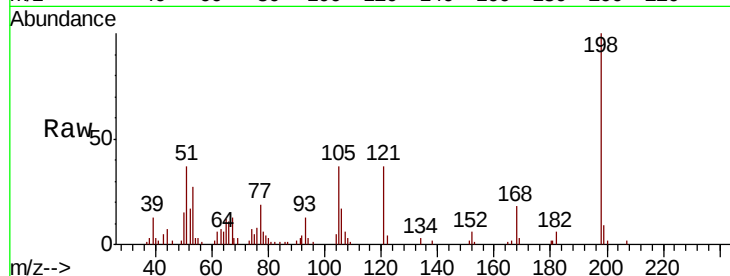




#65
4,6-Dinitro-2-methylphenol
Concen: 14.275 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

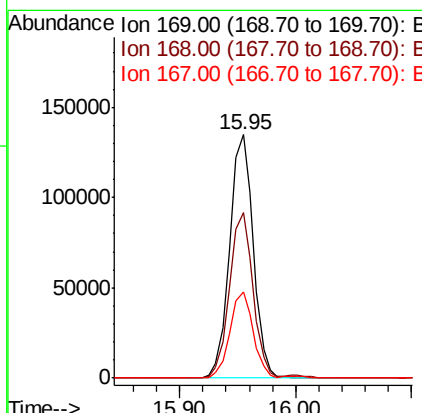
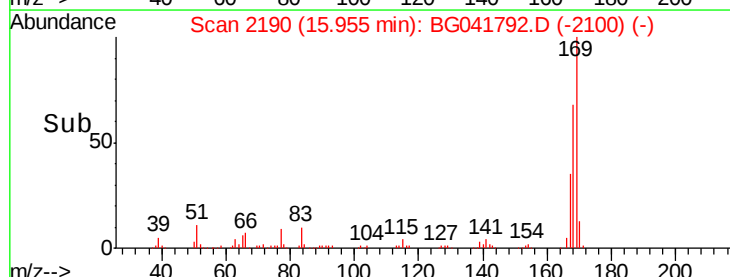
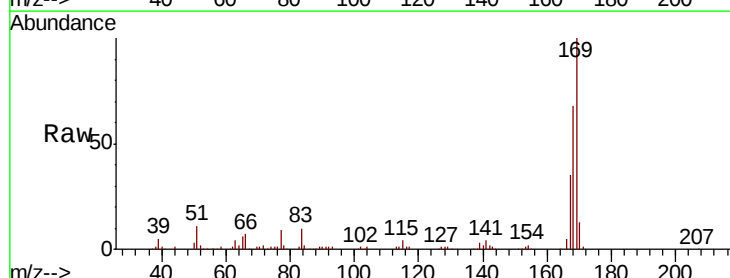
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

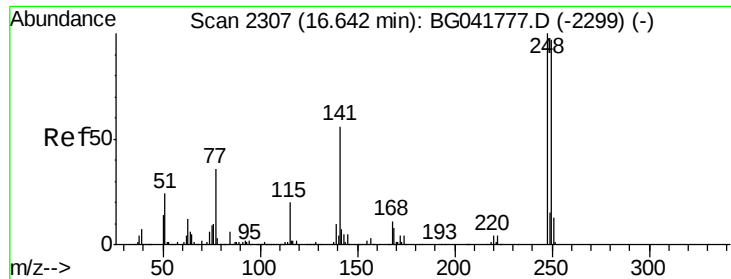
Tot Ion:198 Resp: 28344
Ion Ratio Lower Upper
198 100
51 36.9 22.3 62.3
105 36.8 18.0 58.0



#66
n-Nitrosodiphenylamine
Concen: 10.461 ng
RT: 15.95 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion:169 Resp: 190576
Ion Ratio Lower Upper
169 100
168 67.7 56.9 85.3
167 35.2 31.5 47.3

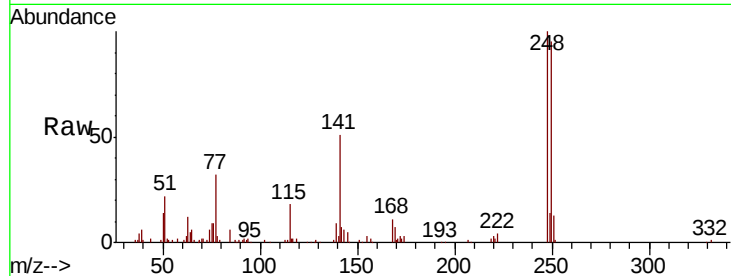




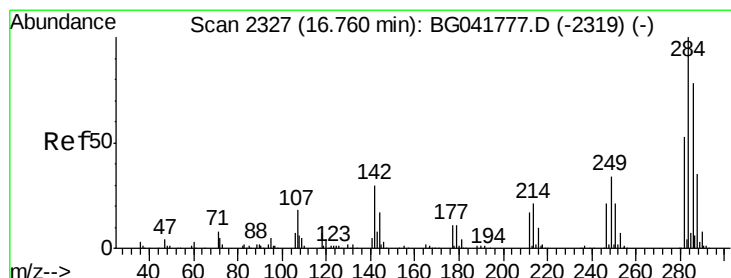
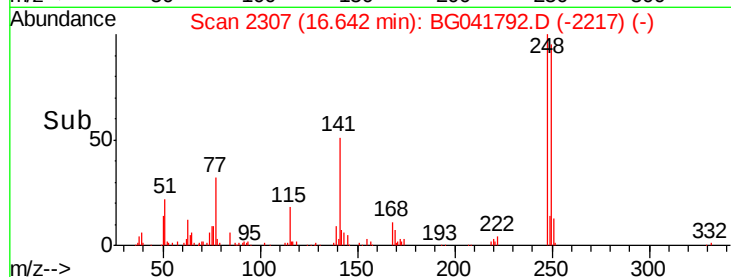
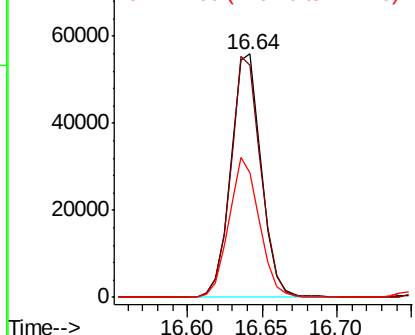
#67
4-Bromophenyl-phenylether
Concen: 9.609 ng
RT: 16.64 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:248 Resp: 79161
Ion Ratio Lower Upper
248 100
250 95.1 78.1 117.1
141 51.1 49.6 74.4

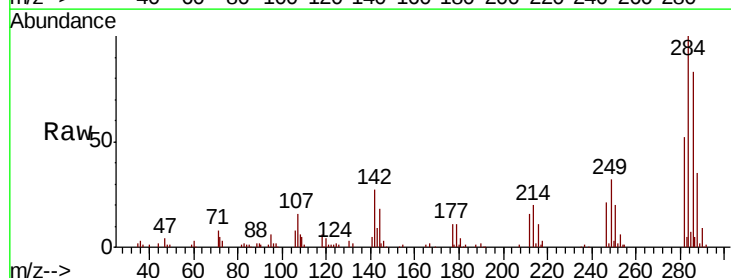


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

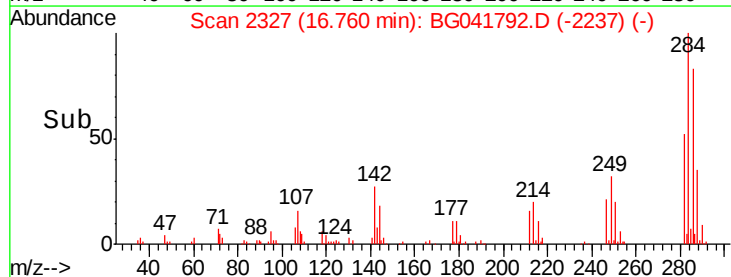
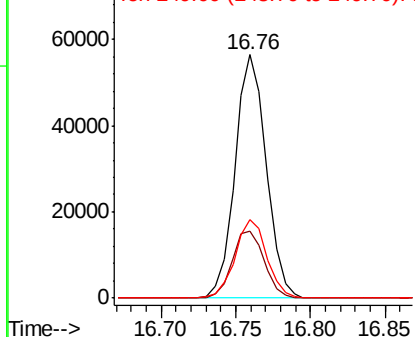


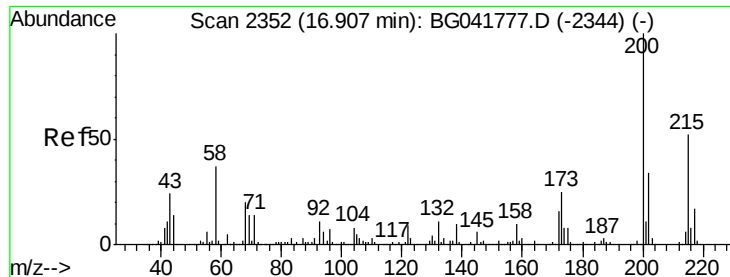
#68
Hexachlorobenzene
Concen: 9.514 ng
RT: 16.76 min Scan# 2327
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion:284 Resp: 81996
Ion Ratio Lower Upper
284 100
142 27.4 27.0 40.6
249 32.4 28.4 42.6



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





#69

Atrazine

Concen: 10.076 ng

RT: 16.90 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

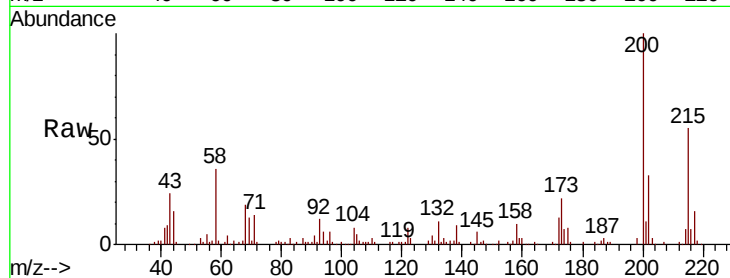
Tot Ion:200 Resp: 72122

Ion Ratio Lower Upper

200 100

173 22.2 5.3 45.3

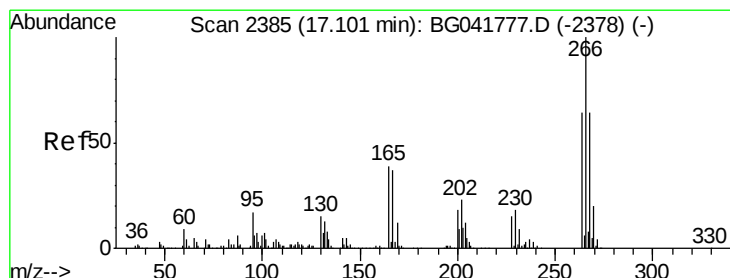
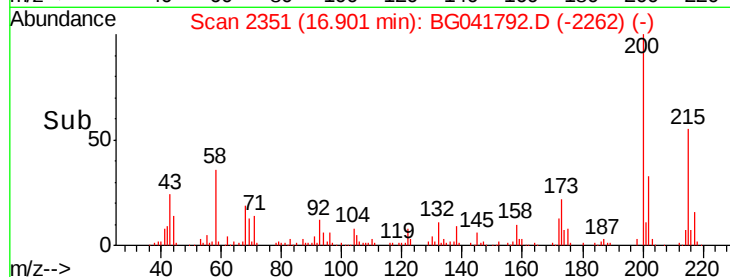
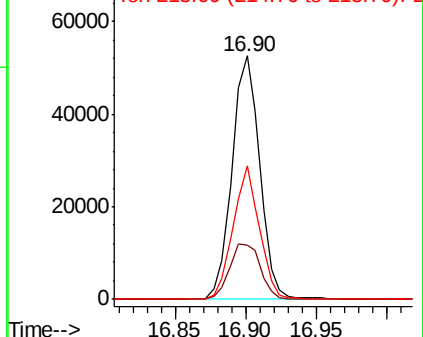
215 54.8 31.8 71.8



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: 8.628 ng

RT: 17.10 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

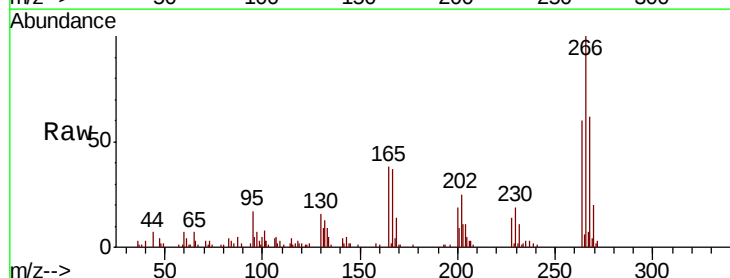
Tgt Ion:266 Resp: 42242

Ion Ratio Lower Upper

266 100

268 62.4 52.9 79.3

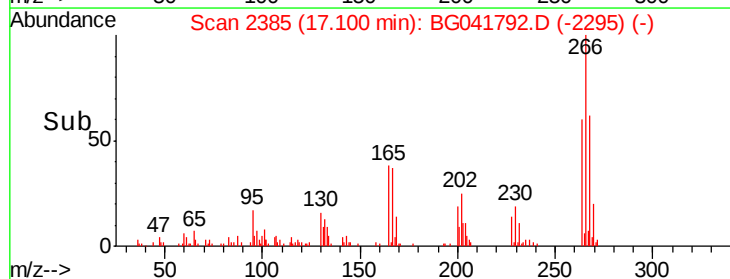
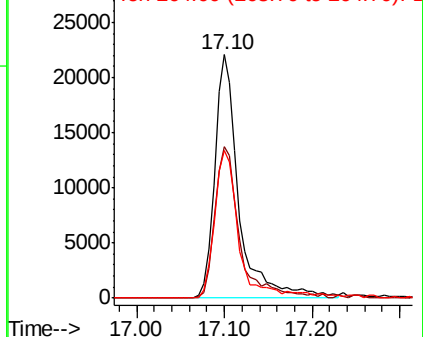
264 60.4 51.4 77.2

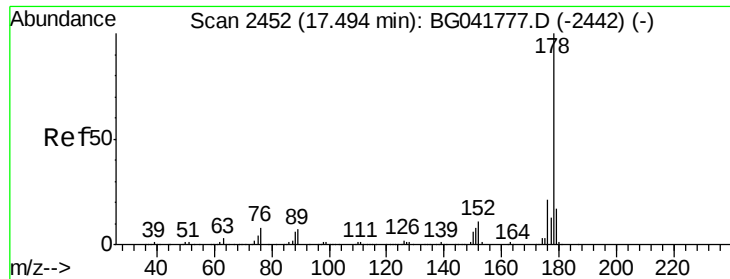


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

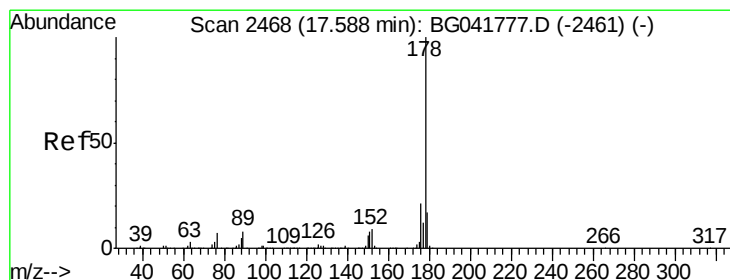
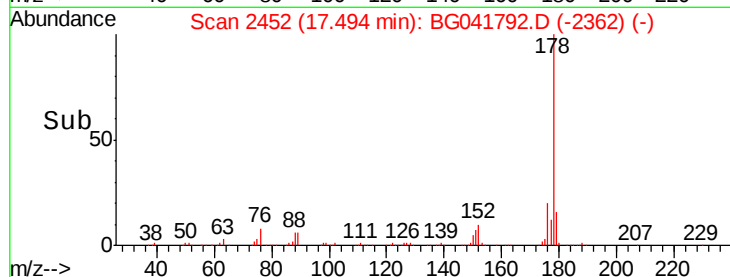
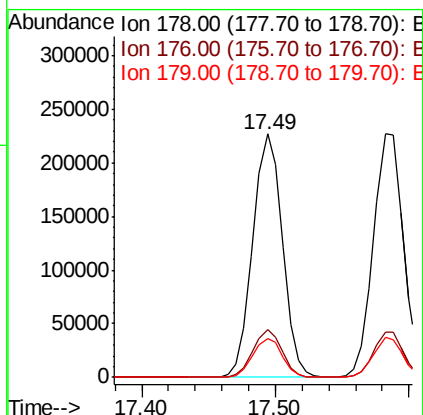
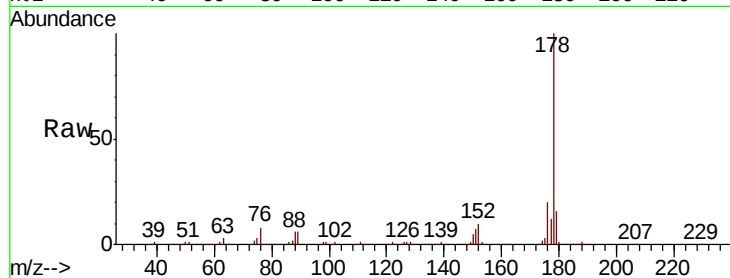




#71
Phenanthrene
Concen: 10.816 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

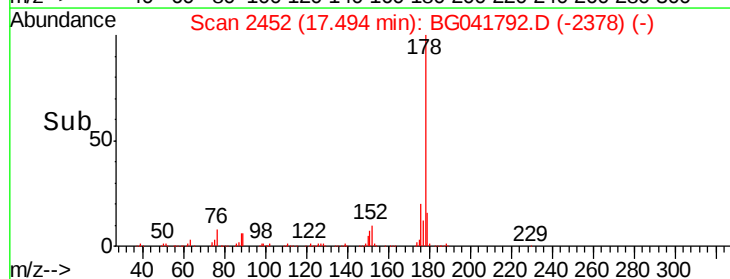
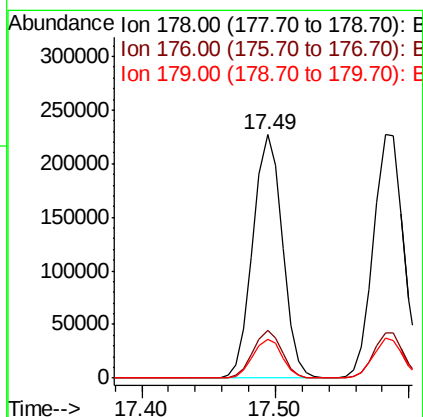
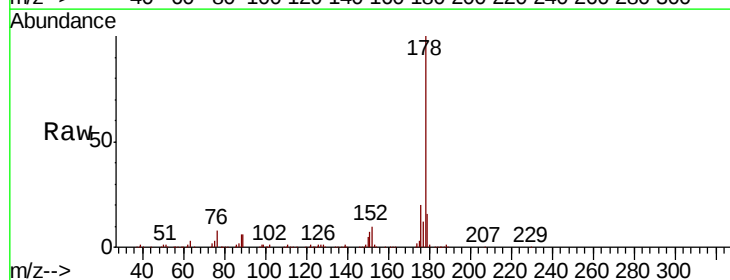
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

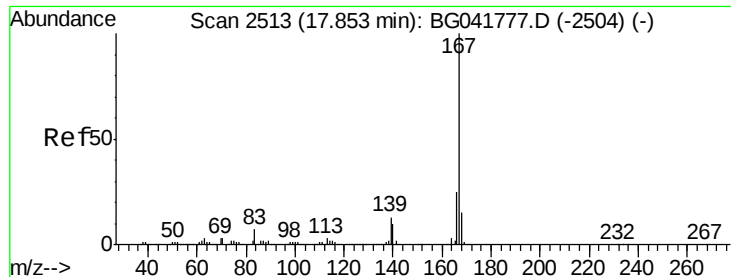
Tot Ion:178 Resp: 346716
Ion Ratio Lower Upper
178 100
176 19.6 18.6 28.0
179 15.7 15.4 23.0



#72
Anthracene
Concen: 10.845 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.09 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion:178 Resp: 346716
Ion Ratio Lower Upper
178 100
176 19.6 18.6 28.0
179 15.7 15.1 22.7

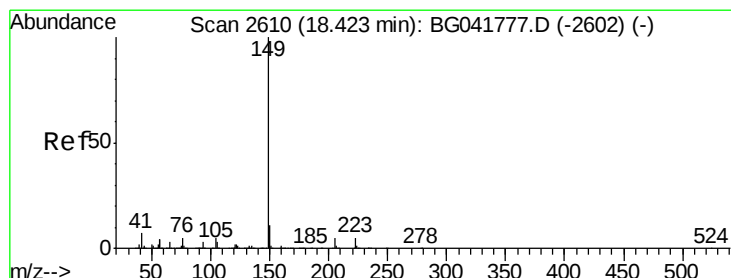
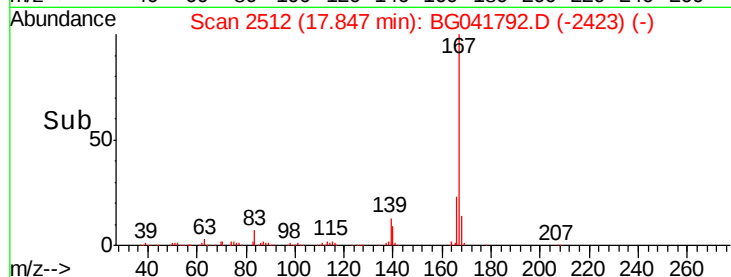
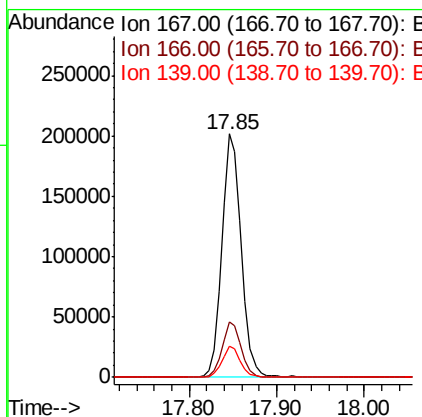
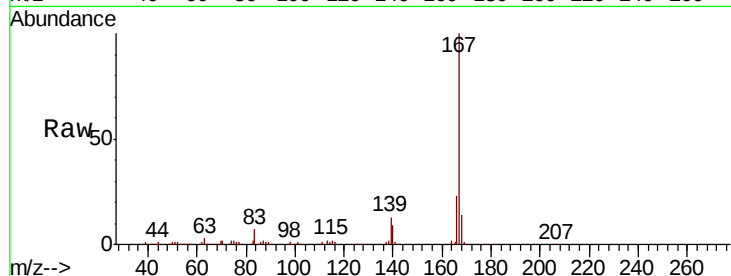




#73
 Carbazole
 Concen: 10.724 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

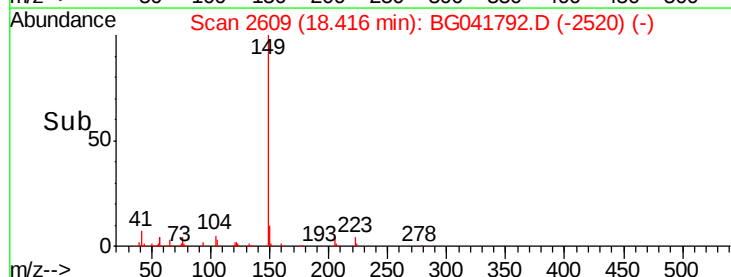
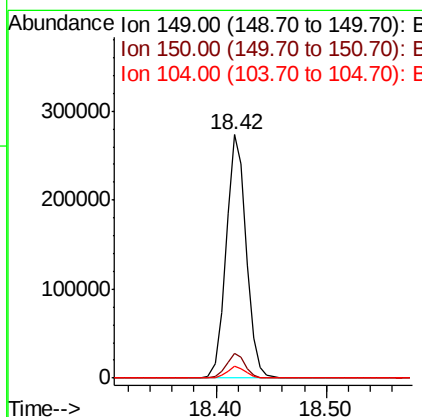
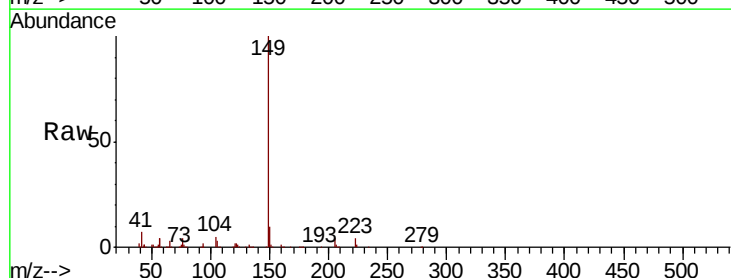
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

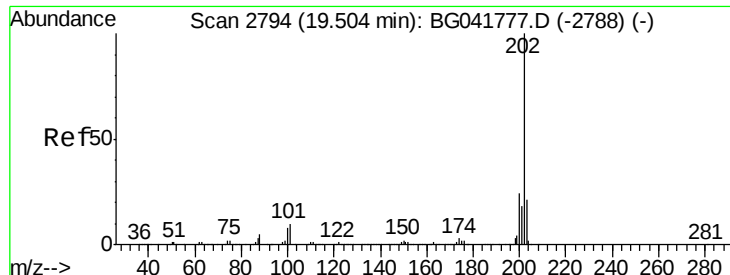
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	21.4	32.2
139	12.5	12.1	18.1



#74
 Di-n-butylphthalate
 Concen: 10.657 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	10.2	15.2#
104	4.7	5.3	7.9#





#75

Fluoranthene

Concen: 11.302 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

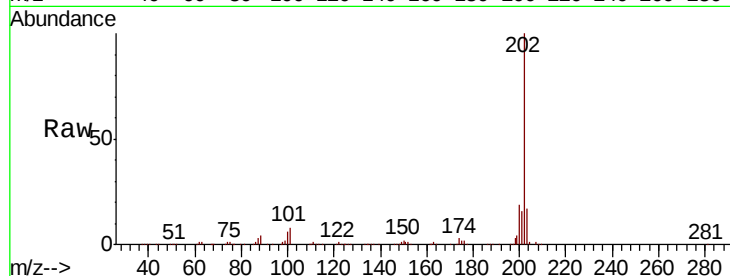
Tot Ion:202 Resp: 440391

Ion Ratio Lower Upper

202 100

101 8.3 0.0 32.8

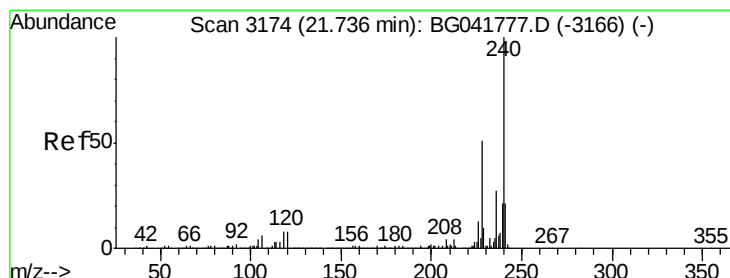
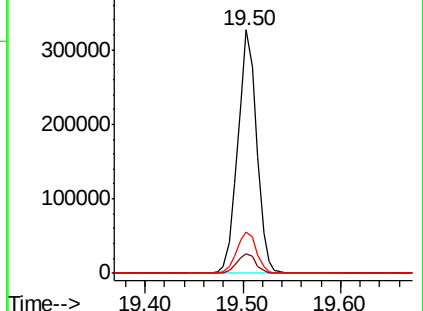
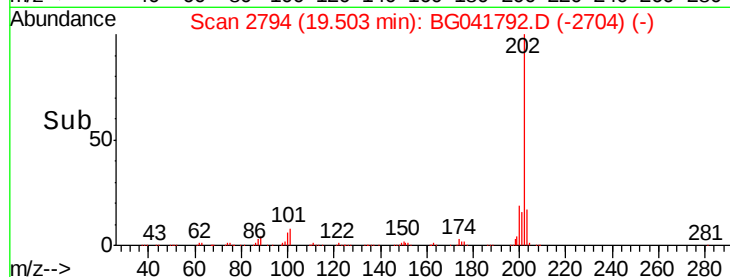
203 16.9 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

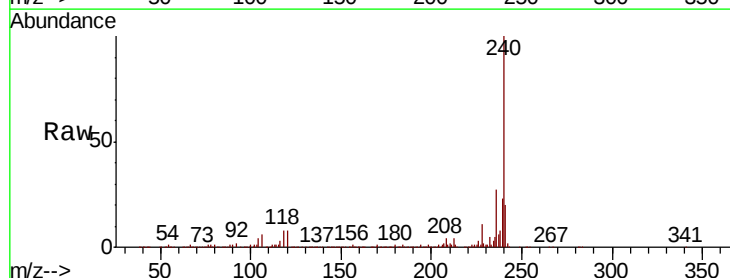
Tgt Ion:240 Resp: 663961

Ion Ratio Lower Upper

240 100

120 7.8 8.0 12.0#

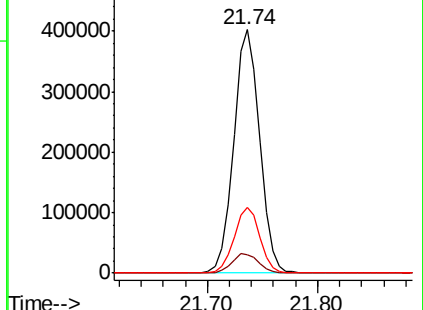
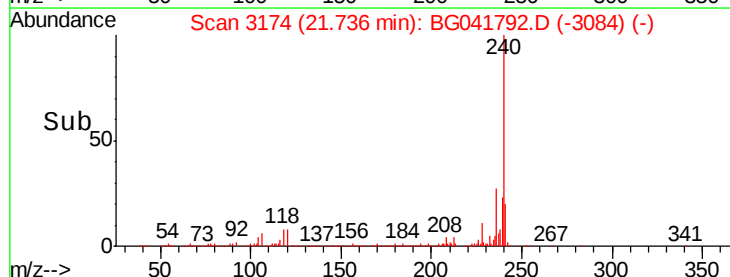
236 27.0 22.6 33.8

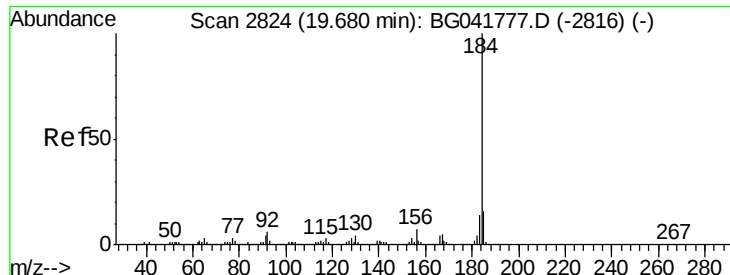


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.770 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

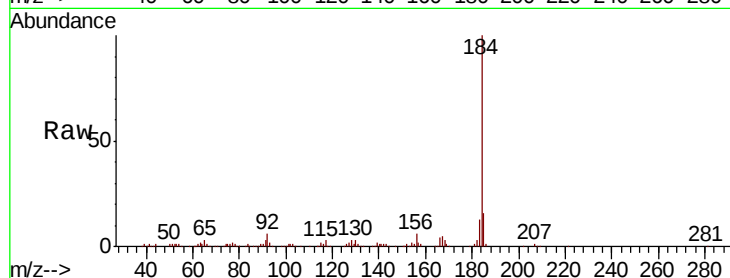
Tot Ion:184 Resp: 211741

Ion Ratio Lower Upper

184 100

185 15.9 13.0 19.4

183 13.0 11.8 17.6



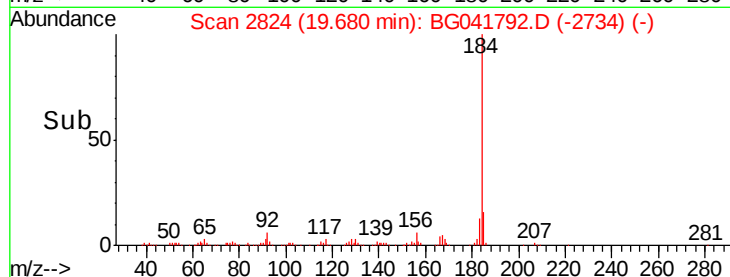
Abundance

Ion 184.00 (183.70 to 184.70): E

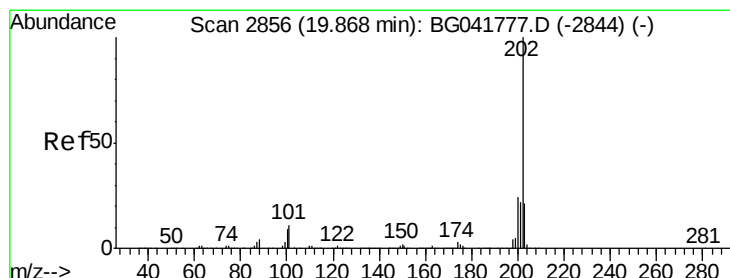
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.68



Time-->



#78

Pyrene

Concen: 11.503 ng

RT: 19.87 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

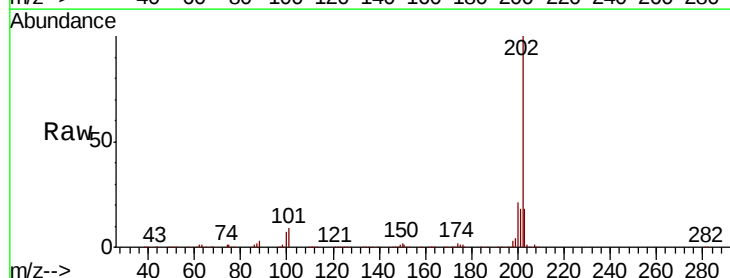
Tgt Ion:202 Resp: 452499

Ion Ratio Lower Upper

202 100

200 21.0 22.2 33.2#

203 18.1 18.9 28.3#



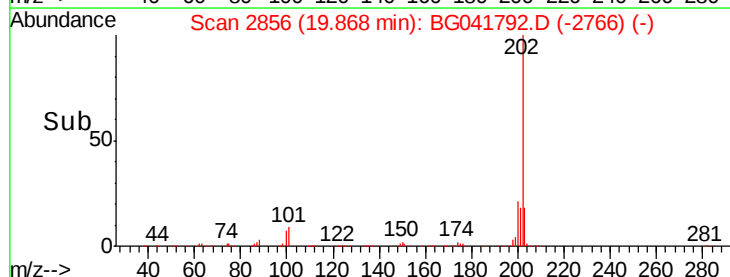
Abundance

Ion 202.00 (201.70 to 202.70): E

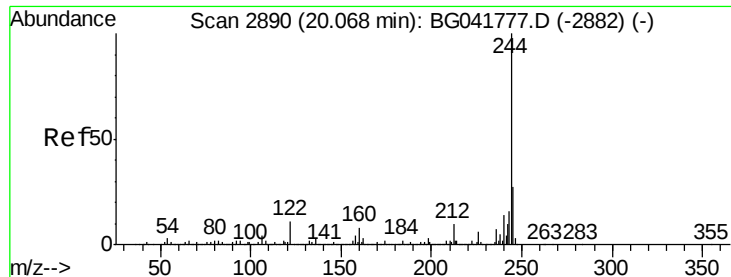
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.87



Time-->



#79

Terphenyl-d14

Concen: 74.971 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

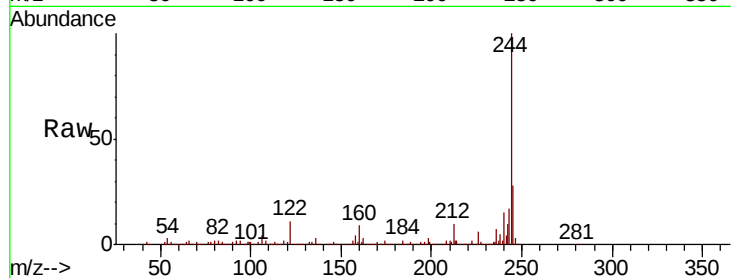
Tot Ion:244 Resp: 2175345

Ion	Ratio	Lower	Upper
244	100		
212	10.0	9.7	14.5
122	11.1	12.5	18.7

244 100

212 10.0 9.7 14.5

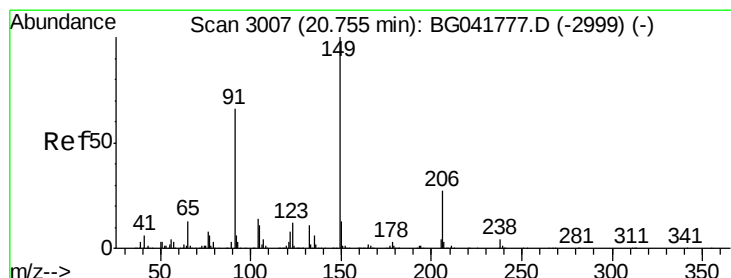
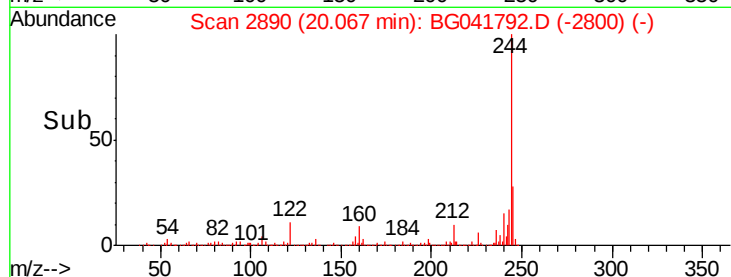
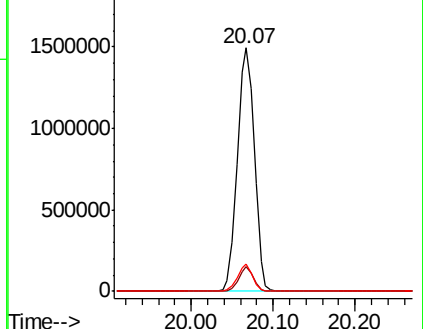
122 11.1 12.5 18.7



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: 9.696 ng

RT: 20.75 min Scan# 3007

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

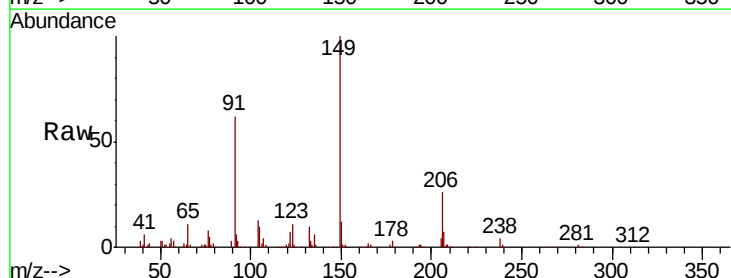
Tgt Ion:149 Resp: 146237

Ion	Ratio	Lower	Upper
149	100		
91	62.3	58.9	88.3
206	25.7	20.8	31.2

149 100

91 62.3 58.9 88.3

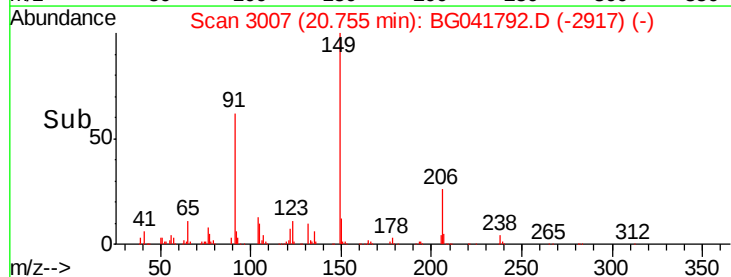
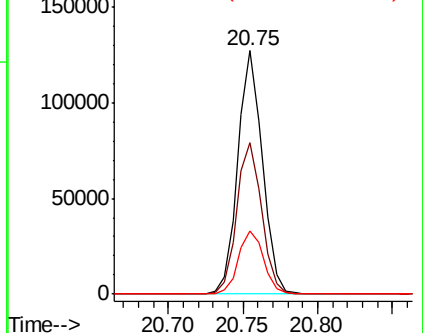
206 25.7 20.8 31.2

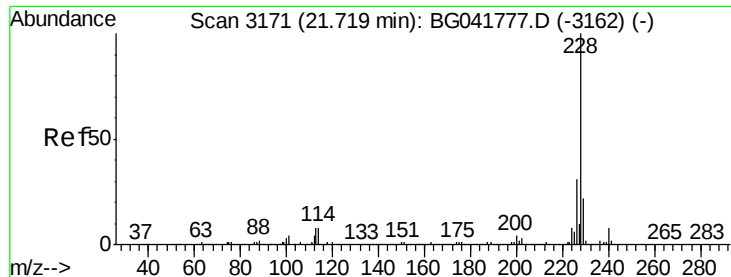


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.643 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

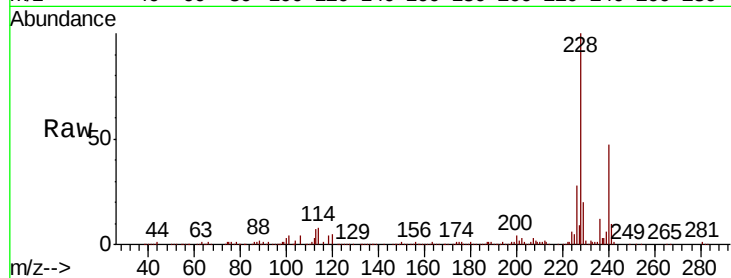
Tot Ion:228 Resp: 418077

Ion Ratio Lower Upper

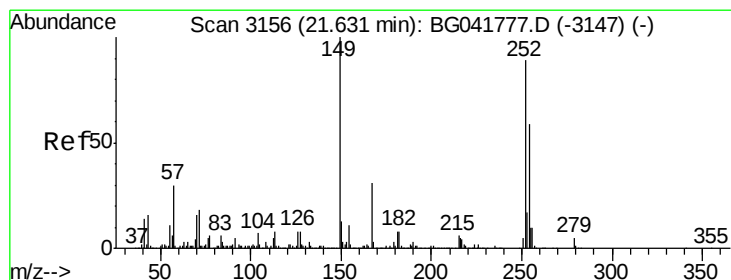
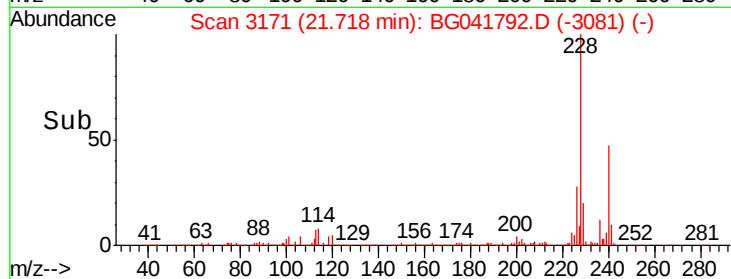
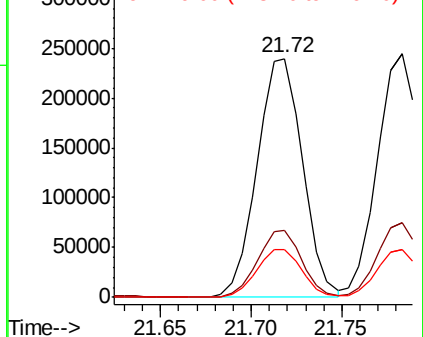
228 100

226 27.8 27.3 40.9

229 20.1 19.7 29.5



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: 10.693 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

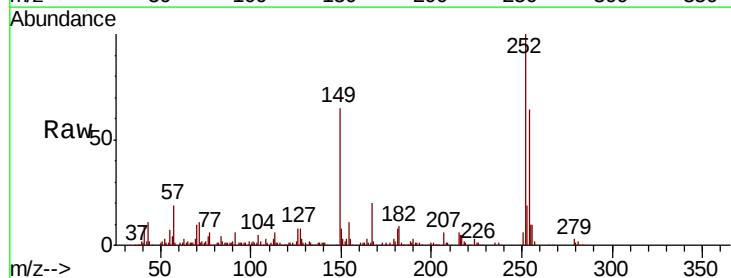
Tgt Ion:252 Resp: 168643

Ion Ratio Lower Upper

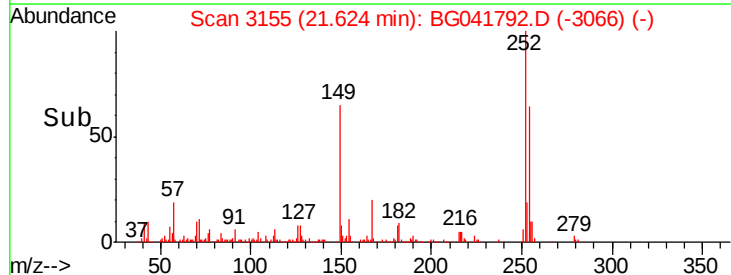
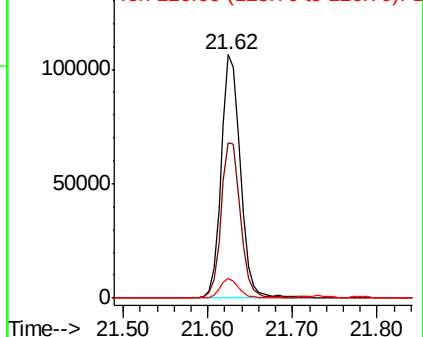
252 100

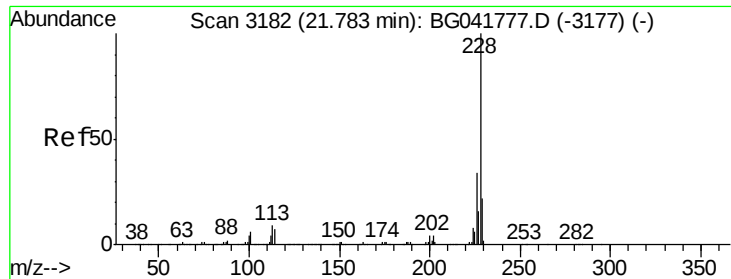
254 63.6 53.8 80.6

126 8.2 7.8 11.8



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: 10.877 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

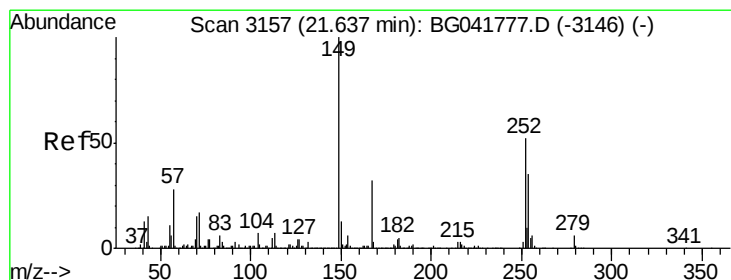
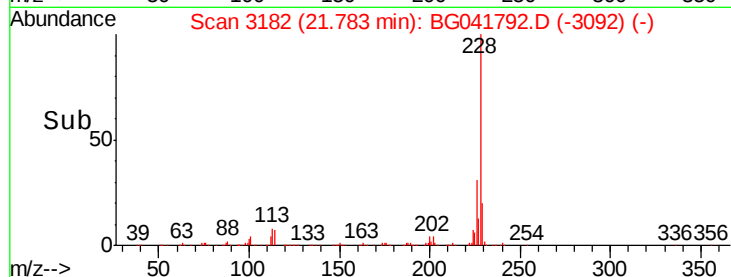
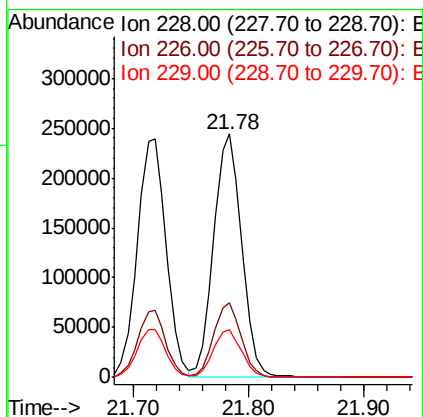
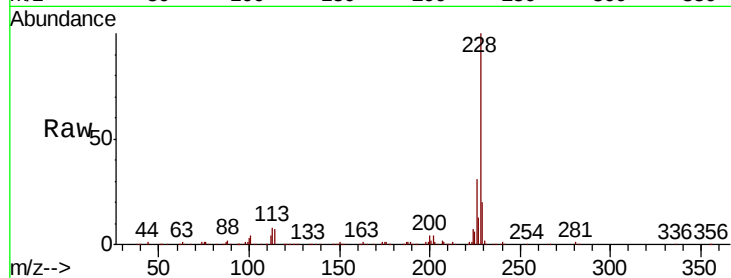
Tot Ion:228 Resp: 409586

Ion Ratio Lower Upper

228 100

226 30.5 30.1 45.1

229 19.5 19.8 29.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.259 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

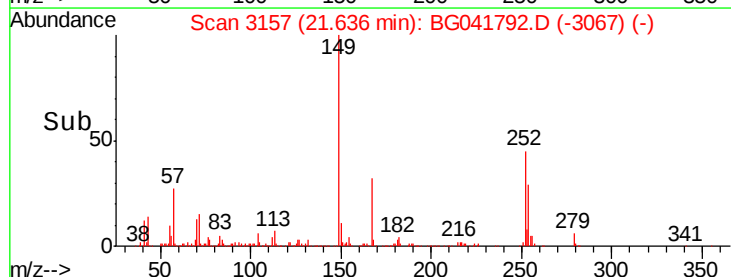
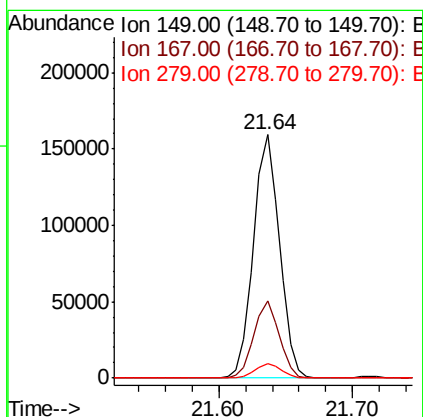
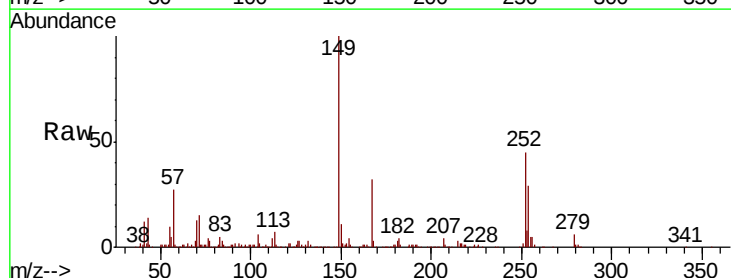
Tgt Ion:149 Resp: 213432

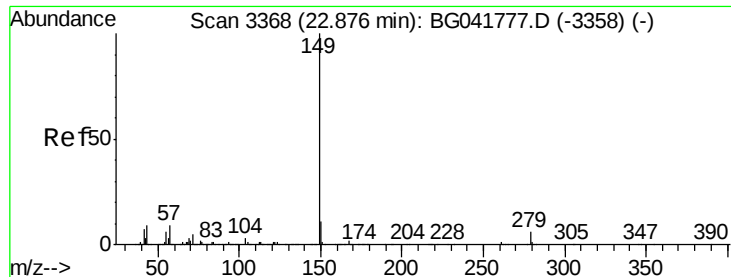
Ion Ratio Lower Upper

149 100

167 31.8 27.0 40.4

279 6.2 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 10.038 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

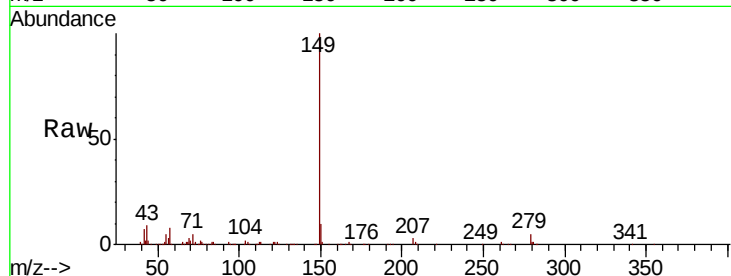
Tot Ion:149 Resp: 351476

Ion Ratio Lower Upper

149 100

167 1.6 1.6 2.4#

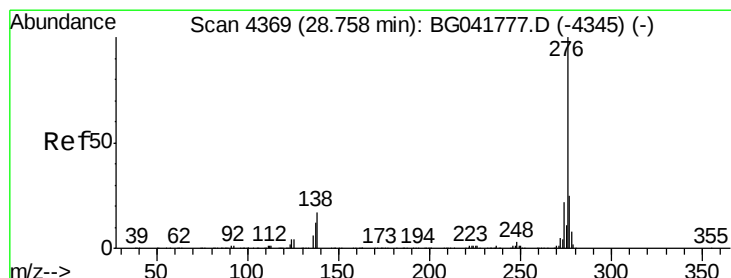
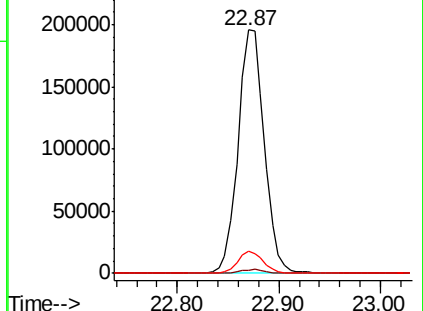
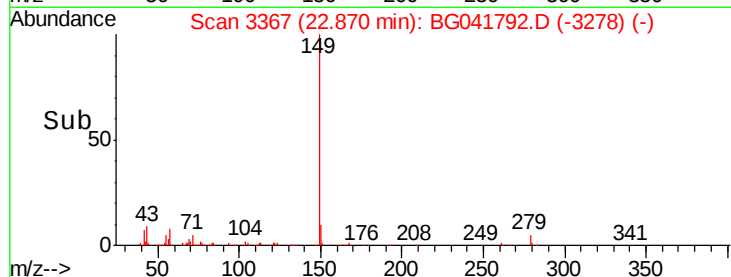
43 9.1 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 9.534 ng

RT: 28.73 min Scan# 4365

Delta R.T. -0.02 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

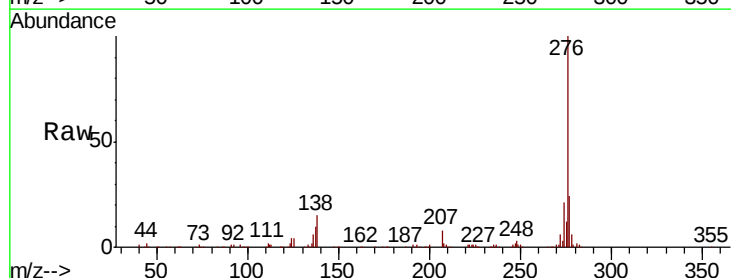
Tgt Ion:276 Resp: 475231

Ion Ratio Lower Upper

276 100

138 14.2 19.4 29.0#

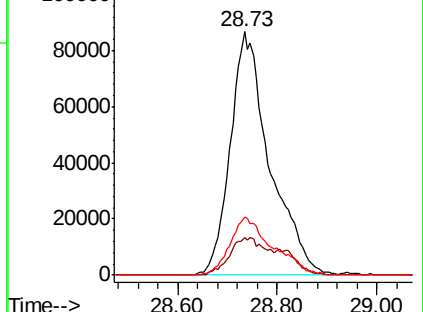
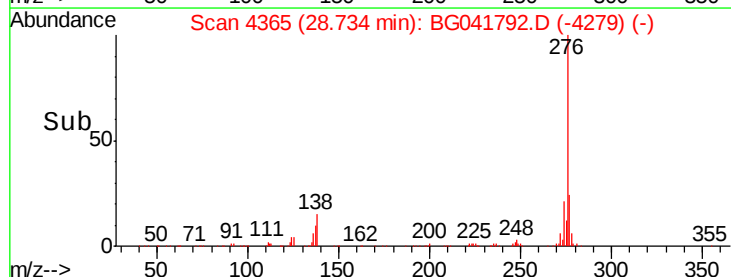
277 25.7 21.2 31.8

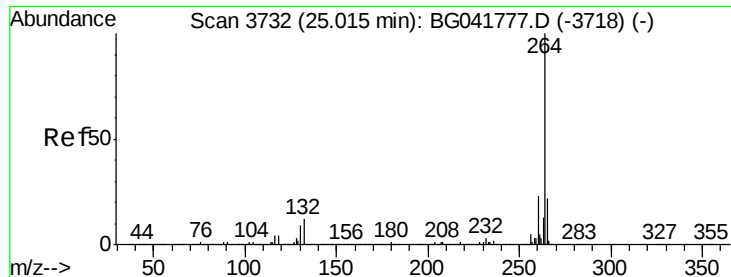


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



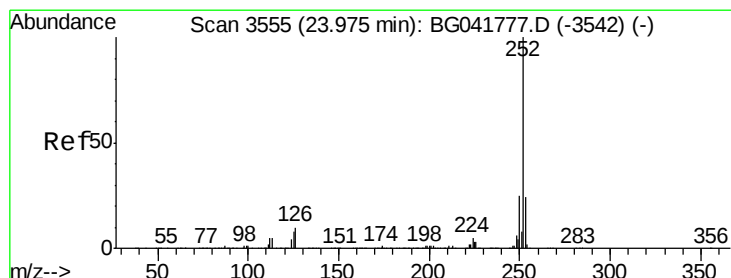
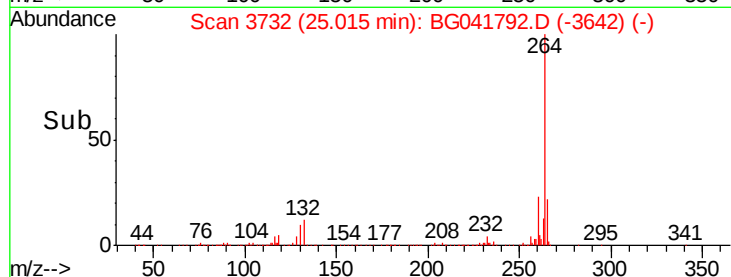
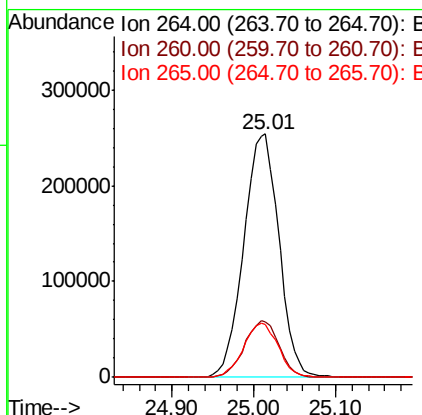
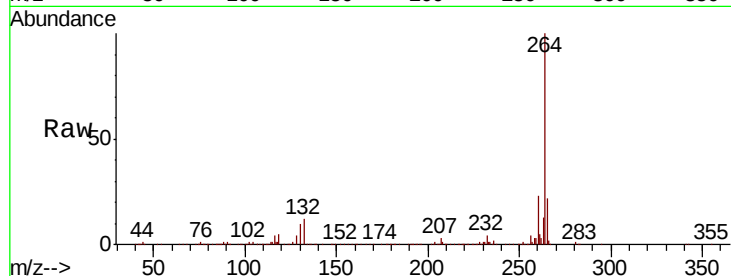


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:264 Resp: 760626

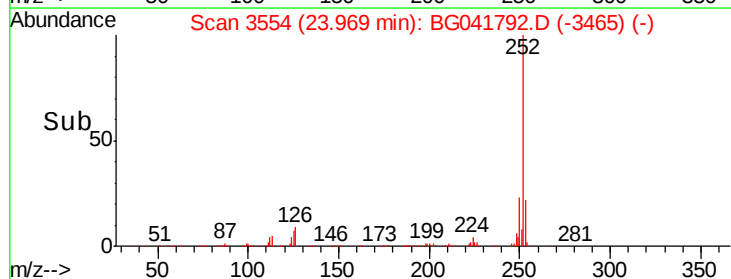
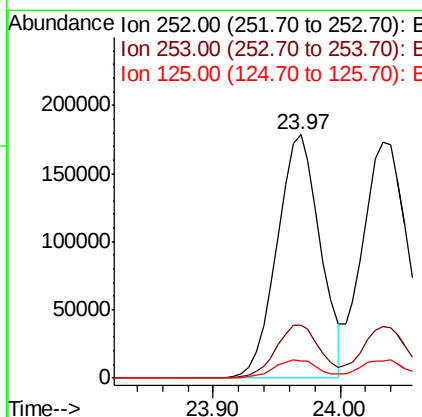
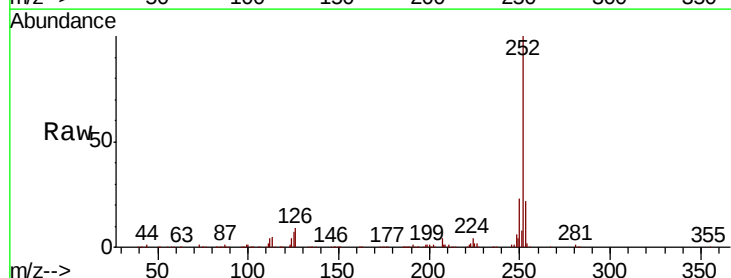
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.8	18.0	27.0

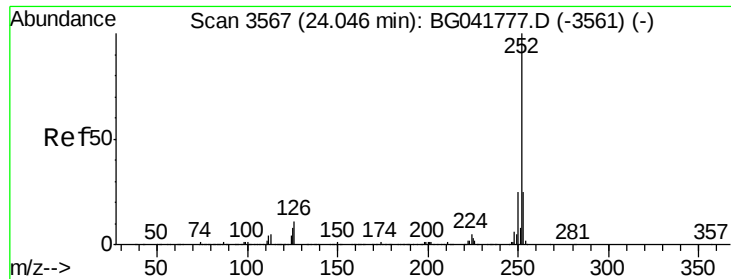


#88
Benzo(b)fluoranthene
Concen: 10.161 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion:252 Resp: 422816

Ion	Ratio	Lower	Upper
252	100		
253	21.7	20.6	30.8
125	6.8	8.0	12.0#

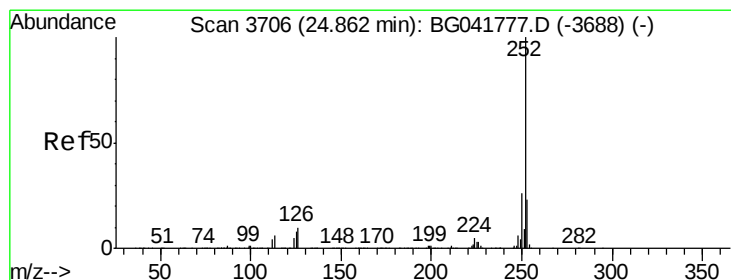
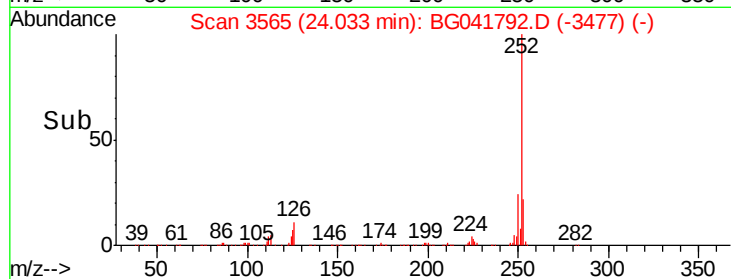
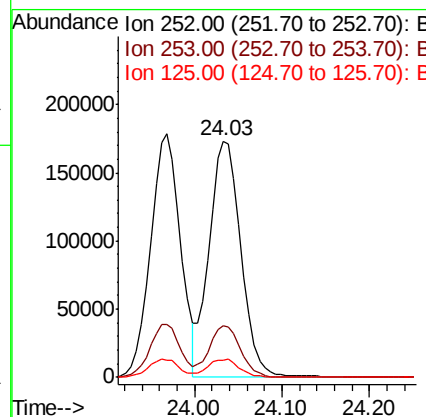
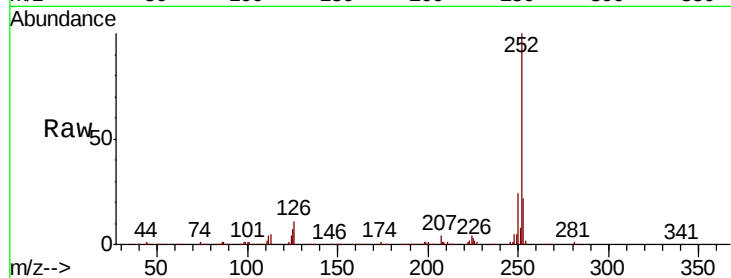




#89
Benzo(k)fluoranthene
Concen: 10.772 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

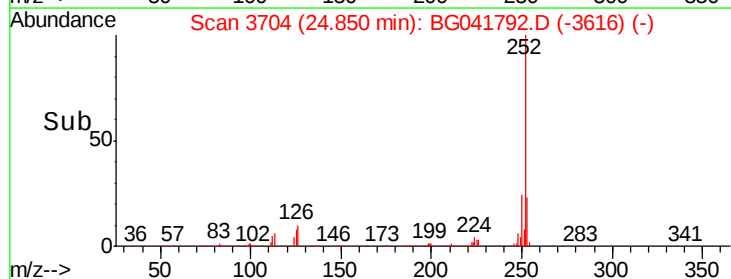
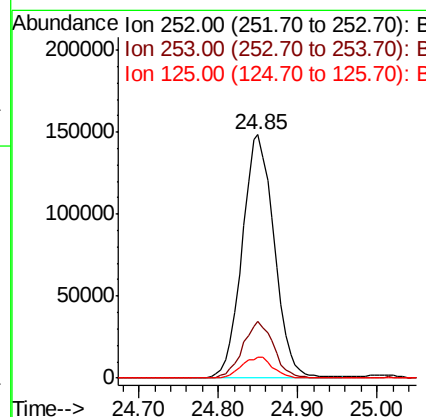
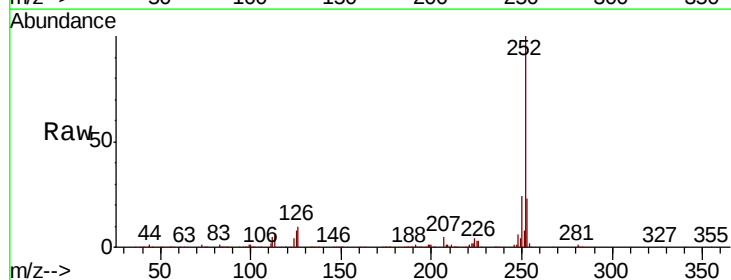
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

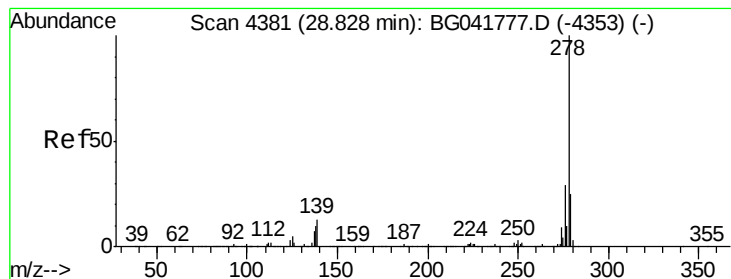
Tot Ion:252 Resp: 436596
Ion Ratio Lower Upper
252 100
253 21.8 20.5 30.7
125 7.4 8.4 12.6#



#90
Benzo(a)pyrene
Concen: 10.459 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion:252 Resp: 417369
Ion Ratio Lower Upper
252 100
253 23.3 19.8 29.8
125 8.4 8.8 13.2#

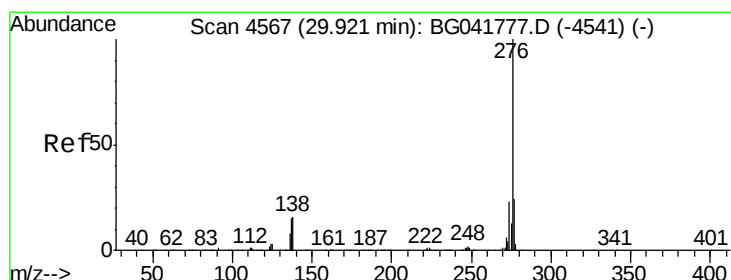
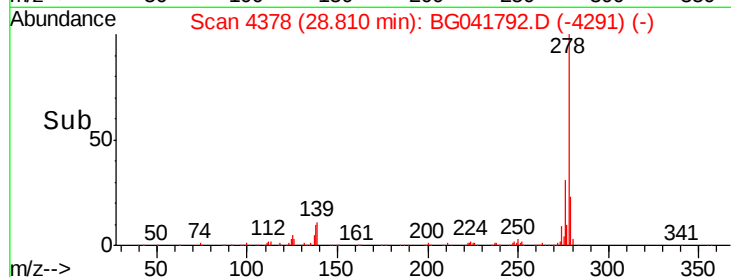
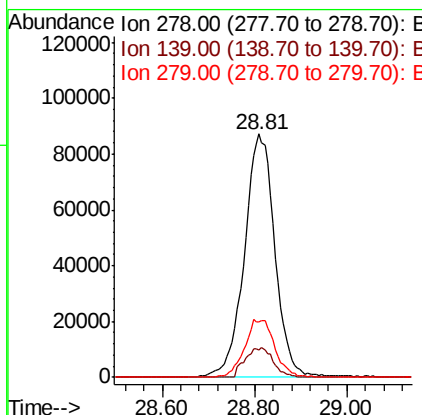
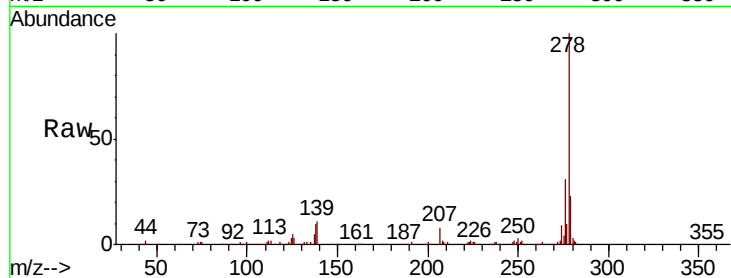




#91
Dibenzo(a,h)anthracene
Concen: 10.232 ng
RT: 28.81 min Scan# 4378
Delta R.T. -0.02 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.0	12.6	19.0
279	22.8	20.5	30.7



#92
Benzo(g,h,i)perylene
Concen: 10.051 ng
RT: 29.90 min Scan# 4564
Delta R.T. -0.02 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.8	29.8
138	18.0	16.6	25.0

