

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
 Data File : BG040601.D
 Acq On : 24 Apr 2019 19:49
 Operator : JU/SJ
 Sample : PB119187BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 01:04:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	46750	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	181294	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	130491	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	339793	20.00	ng	0.00
76) Chrysene-d12	21.82	240	395064	20.00	ng	0.00
87) Perylene-d12	25.19	264	413315	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	346390	130.61	ng	0.00
7) Phenol-d6	7.30	99	510051	124.91	ng	0.00
23) Nitrobenzene-d5	9.33	82	337331	85.98	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	180753	100.78	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	721914	79.90	ng	0.00
79) Terphenyl-d14	20.13	244	1552741	87.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	219	0.182	ng	# 1
3) Pyridine	3.97	79	126	0.036	ng	# 1
4) n-Nitrosodimethylamine	3.88	42	99	0.051	ng	# 1
6) Aniline	7.47	93	62	0.011	ng	# 39
8) 2-Chlorophenol	7.67	128	73	0.023	ng	# 1
9) Benzaldehyde	7.30	77	1517	Below Cal		# 17
10) Phenol	7.30	94	170	0.039	ng	# 1
11) bis(2-Chloroethyl)ether	7.58	93	63	0.019	ng	# 1
12) 1,3-Dichlorobenzene	7.69	146	119	0.034	ng	# 1
13) 1,4-Dichlorobenzene	8.47	146	61	0.017	ng	# 1
14) 1,2-Dichlorobenzene	8.47	146	61	0.018	ng	# 1
15) Benzyl Alcohol	8.41	79	253	0.060	ng	# 18
16) 2,2'-oxybis(1-Chloropropan	8.65	45	73	0.011	ng	# 72
17) 2-Methylphenol	8.64	107	119	0.038	ng	# 1
18) Hexachloroethane	9.16	117	54	0.037	ng	# 1
19) n-Nitroso-di-n-propylamine	9.33	70	49938	13.585	ng	# 78
20) 3+4-Methylphenols	8.84	107	62	0.014	ng	# 1
22) Acetophenone	9.00	105	57	0.011	ng	# 23
24) Nitrobenzene	9.39	77	109	0.026	ng	# 47
25) Isophorone	9.90	82	374	0.043	ng	# 68
26) 2-Nitrophenol	9.57	139	134	0.089	ng	# 23
27) 2,4-Dimethylphenol	9.97	122	88	0.031	ng	# 6
28) bis(2-Chloroethoxy)methane	10.37	93	114	0.026	ng	# 9
29) 2,4-Dichlorophenol	10.86	162	103	0.032	ng	# 28
31) Naphthalene	11.14	128	68	0.007	ng	# 68
32) Benzoic acid	10.34	122	72	0.037	ng	# 1
33) 4-Chloroaniline	11.17	127	64	0.015	ng	# 39
35) Caprolactam	12.04	113	79	0.063	ng	# 40
36) 4-Chloro-3-methylphenol	12.28	107	89	0.022	ng	# 25
37) 2-Methylnaphthalene	12.39	142	55	0.008	ng	# 13
38) 1-Methylnaphthalene	12.39	142	55	0.008	ng	# 7
40) 1,2,4,5-Tetrachlorobenzene	13.12	216	59	0.012	ng	# 25
41) Hexachlorocyclopentadiene	13.14	237	59	0.021	ng	# 27
43) 2,4,6-Trichlorophenol	13.02	196	72	0.025	ng	# 13

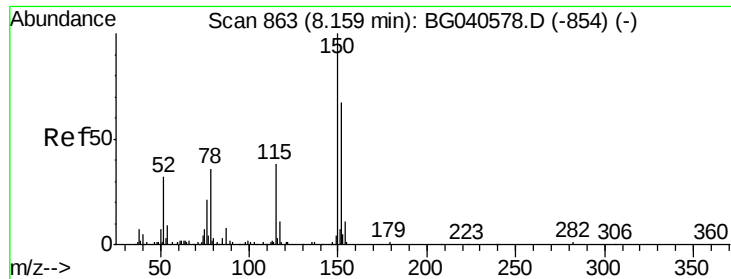
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.02	196	72	0.022	ng	# 25
46) 1,1'-Biphenyl	13.62	154	1147	0.113	ng	# 71
48) 2-Nitroaniline	13.89	65	78	0.028	ng	# 14
49) Acenaphthylene	14.12	152	60	0.004	ng	# 59
50) Dimethylphthalate	14.51	163	61	0.006	ng	# 75
51) 2,6-Dinitrotoluene	14.79	165	16021	7.519	ng	# 15
52) Acenaphthene	14.79	154	634	0.081	ng	# 2
53) 3-Nitroaniline	14.75	138	55	0.025	ng	# 1
55) Dibenzofuran	15.54	168	61	0.005	ng	# 42
56) 4-Nitrophenol	14.98	139	54	0.029	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	16021	5.533	ng	# 17
58) Fluorene	16.27	166	5694	0.549	ng	# 83
59) 2,3,4,6-Tetrachlorophenol	15.40	232	59	0.018	ng	# 1
60) Diethylphthalate	15.73	149	56	0.005	ng	# 58
61) 4-Chlorophenyl-phenylether	16.27	204	69	0.011	ng	# 1
62) 4-Nitroaniline	15.79	138	65	0.027	ng	# 72
63) Azobenzene	16.11	77	71	0.006	ng	# 3
65) 4,6-Dinitro-2-methylphenol	15.54	198	60	7.132	ng	# 28
66) n-Nitrosodiphenylamine	16.27	169	7546	0.755	ng	# 45
67) 4-Bromophenyl-phenylether	16.27	248	13765	3.252	ng	# 1
69) Atrazine	16.65	200	76	0.019	ng	# 35
70) Pentachlorophenol	17.16	266	197	0.077	ng	# 18
71) Phenanthrene	17.53	178	54	0.003	ng	# 60
72) Anthracene	17.53	178	54	0.003	ng	# 59
73) Carbazole	17.87	167	71	0.004	ng	# 58
74) Di-n-butylphthalate	18.48	149	143	0.007	ng	# 76
75) Fluoranthene	19.87	202	57	0.002	ng	# 63
77) Benzidine	20.13	184	31277	2.891	ng	# 91
78) Pvrene	20.13	202	7398	0.299	ng	# 69
80) Butylbenzylphthalate	20.80	149	205	0.021	ng	# 16
81) Benzo(a)anthracene	21.83	228	1153	0.046	ng	# 68
82) 3,3'-Dichlorobenzidine	21.70	252	63	0.007	ng	# 25
83) Chrysene	21.83	228	1153	0.049	ng	# 65
84) Bis(2-ethylhexyl)phthalate	21.70	149	365	0.026	ng	# 67
85) Di-n-octyl phthalate	22.96	149	239	0.010	ng	# 1
86) Indeno(1,2,3-cd)pyrene	29.24	276	73	0.003	ng	# 60
88) Benzo(b)fluoranthene	24.10	252	56	0.002	ng	# 60
89) Benzo(k)fluoranthene	24.19	252	60	0.003	ng	# 60
90) Benzo(a)pyrene	25.04	252	124	0.005	ng	# 1
91) Dibenzo(a,h)anthracene	28.78	278	63	0.003	ng	# 59
92) Benzo(g,h,i)perylene	29.86	276	55	0.002	ng	# 58

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

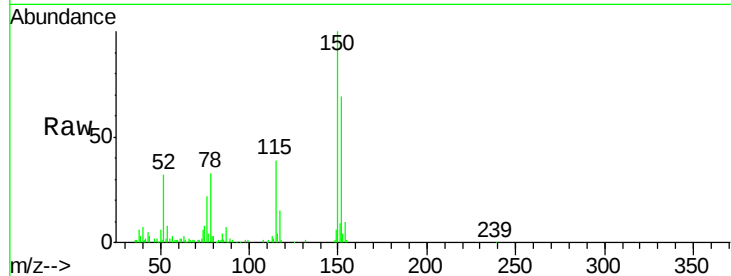


#1

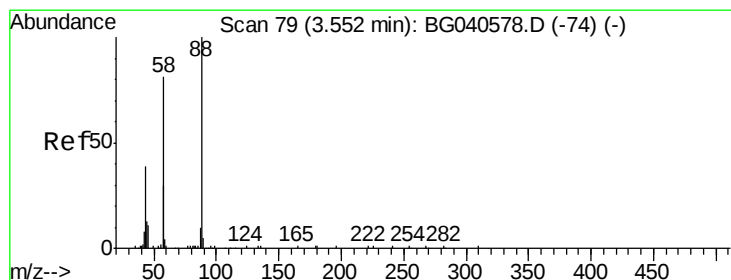
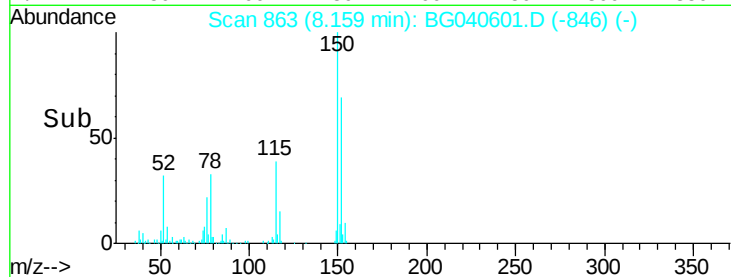
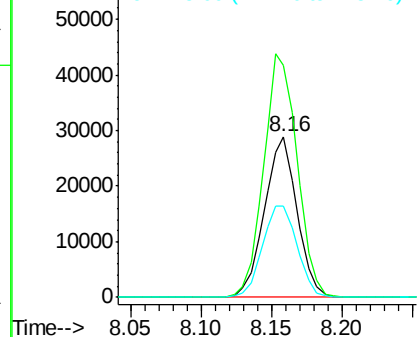
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	120.2	180.2
115	56.6	46.2	69.2



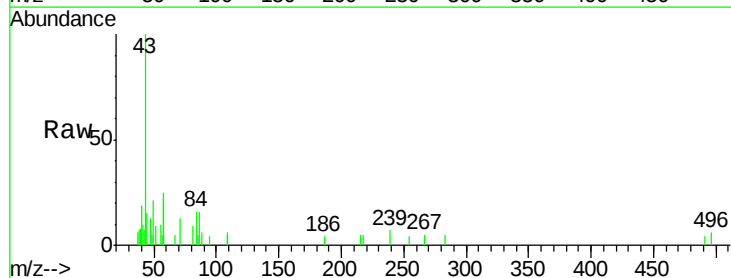
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



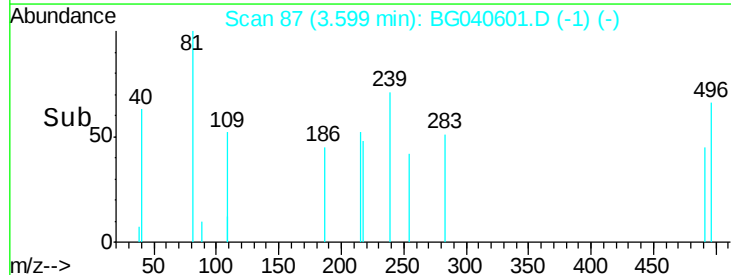
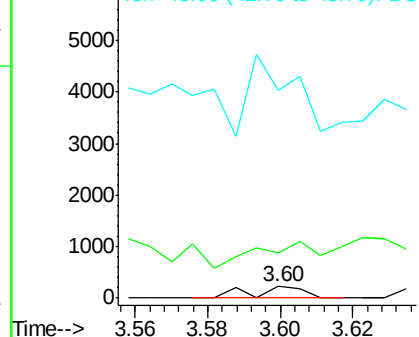
#2

1,4-Dioxane
Concen: 0.182 ng
RT: 3.60 min Scan# 87
Delta R.T. 0.05 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	274.4	71.2	106.8#
43	655.3	35.6	53.4#



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





#3

Pvridine

Concen: 0.036 ng

RT: 3.97 min Scan# 150

Delta R.T. 0.00 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampled :

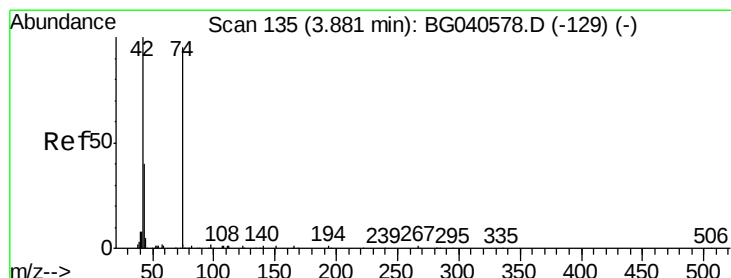
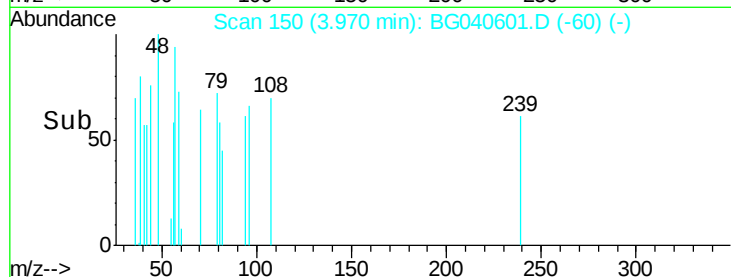
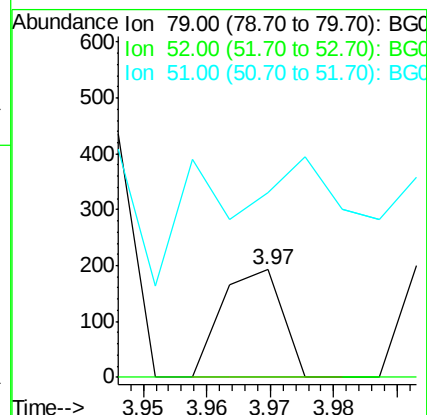
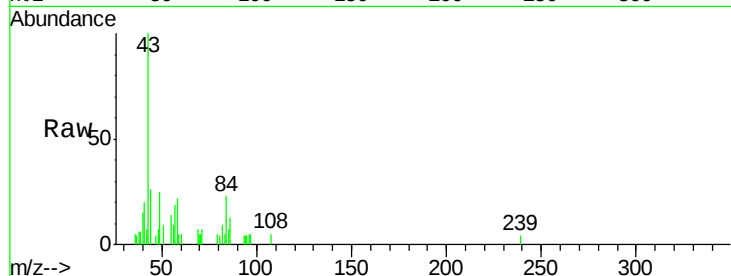
Tot Ion: 79 Resp: 126

Ion Ratio Lower Upper

79 100

52 0.0 67.5 101.3#

51 171.5 35.6 53.4#



#4

n-Nitrosodimethylamine

Concen: 0.051 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

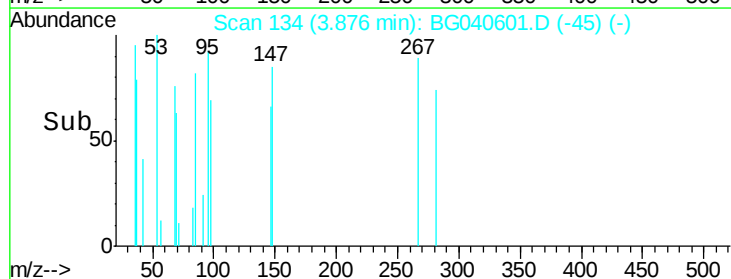
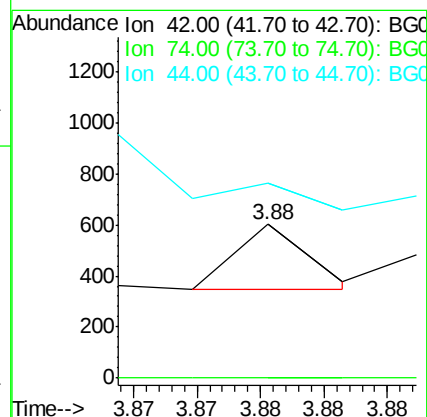
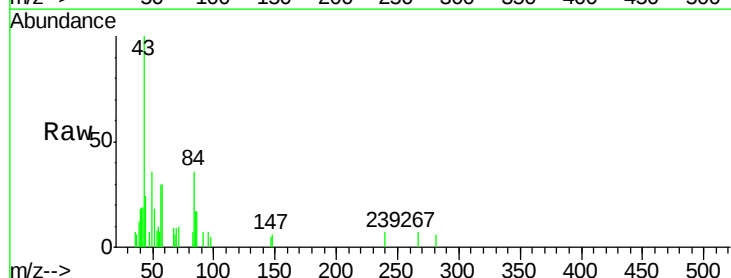
Tgt Ion: 42 Resp: 99

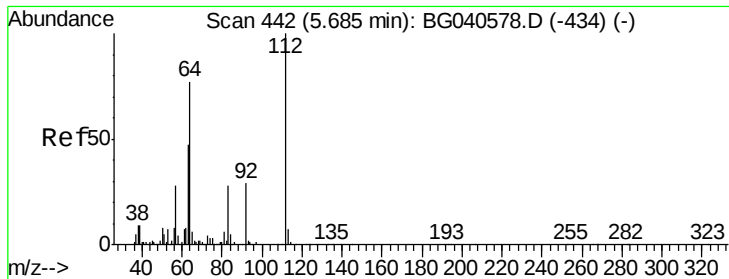
Ion Ratio Lower Upper

42 100

74 0.0 74.6 111.8#

44 127.1 7.4 11.0#





#5

2-Fluorophenol

Concen: 130.611 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040601.D

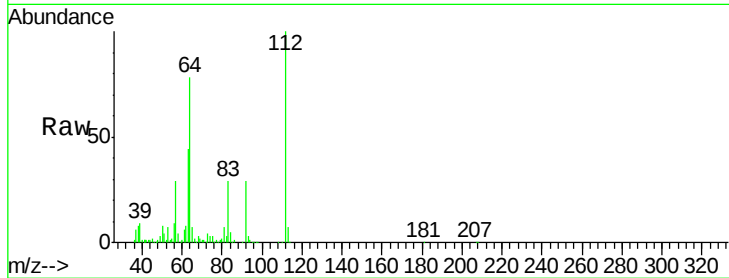
Acq: 24 Apr 2019 19:49

Instrument :

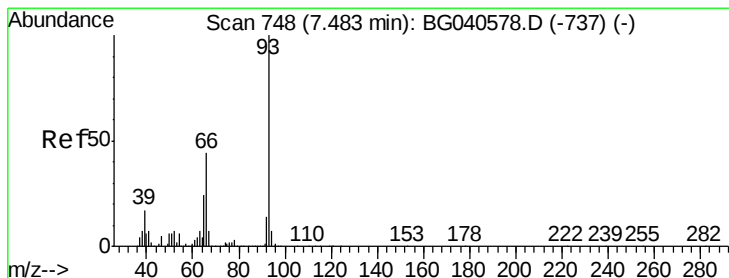
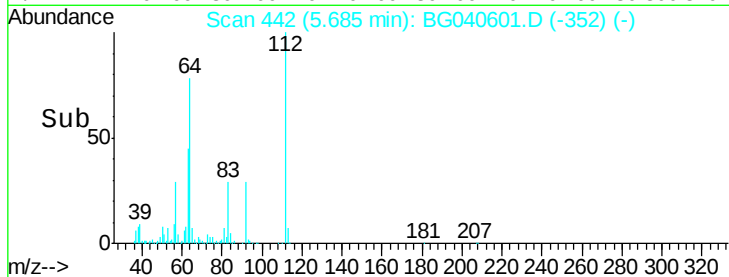
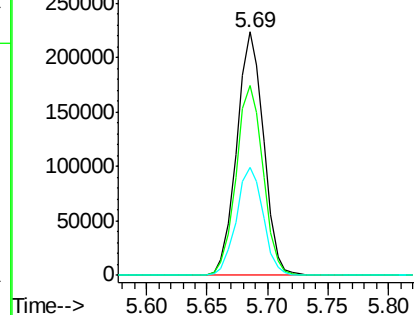
BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	346390
Ion	Ratio	Lower	Upper
112	100		
64	77.8	61.4	92.0
63	44.5	37.8	56.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.011 ng

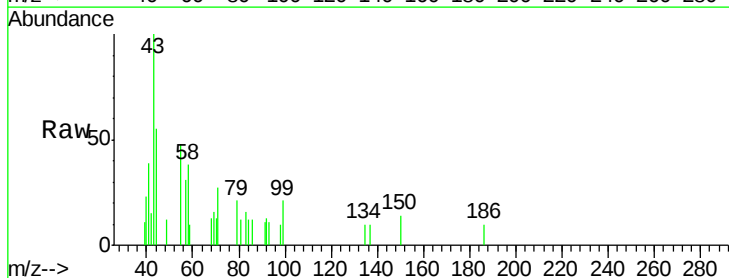
RT: 7.47 min Scan# 746

Delta R.T. -0.01 min

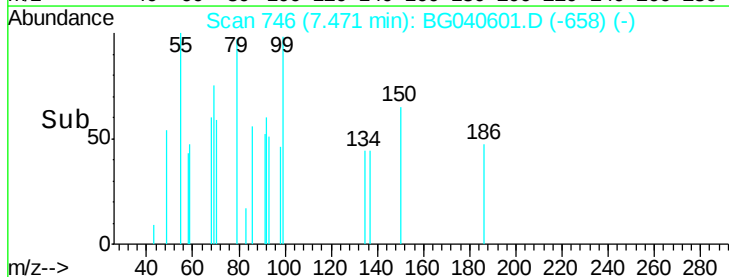
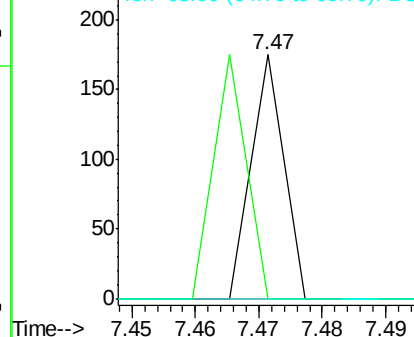
Lab File: BG040601.D

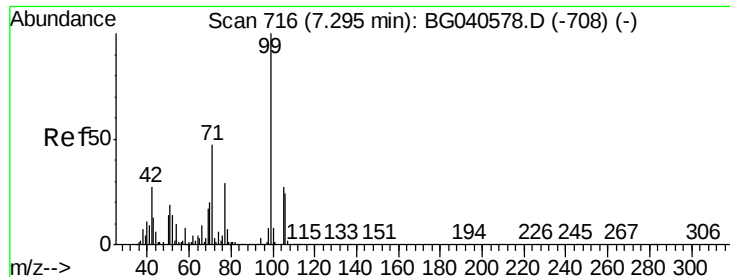
Acq: 24 Apr 2019 19:49

Tgt Ion:	93	Resp:	62
Ion	Ratio	Lower	Upper
93	100		
66	0.0	35.5	53.3#
65	0.0	19.2	28.8#



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





#7

Phenol-d6

Concen: 124.907 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

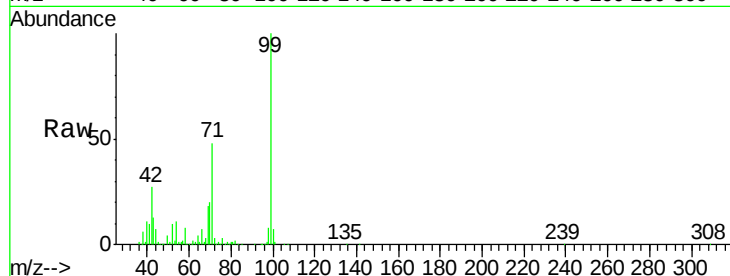
Tot Ion: 99 Resp: 510051

Ion Ratio Lower Upper

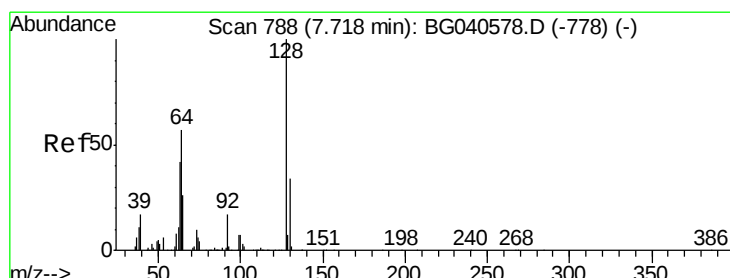
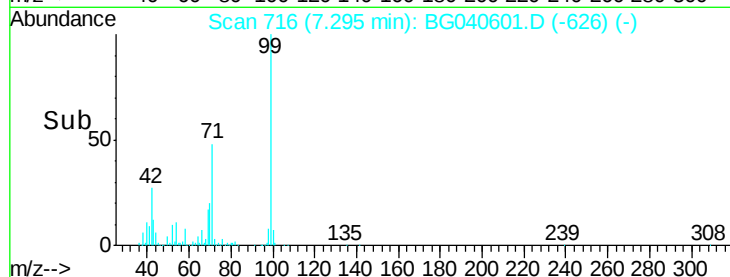
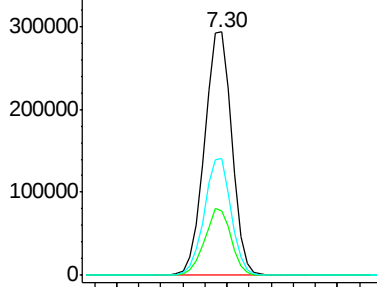
99 100

42 26.6 21.8 32.8

71 48.2 38.6 57.8



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



#8

2-Chlorophenol

Concen: 0.023 ng

RT: 7.67 min Scan# 780

Delta R.T. -0.05 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

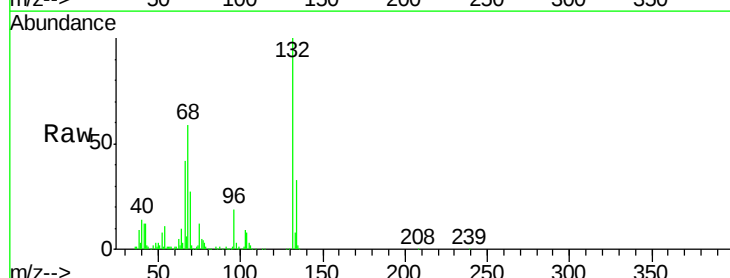
Tgt Ion: 128 Resp: 73

Ion Ratio Lower Upper

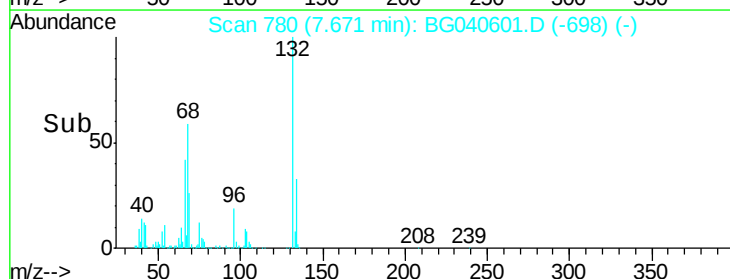
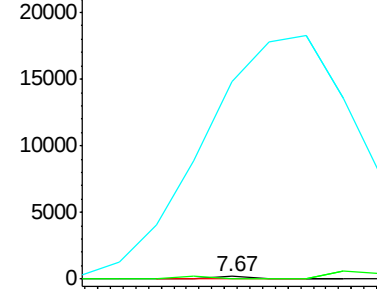
128 100

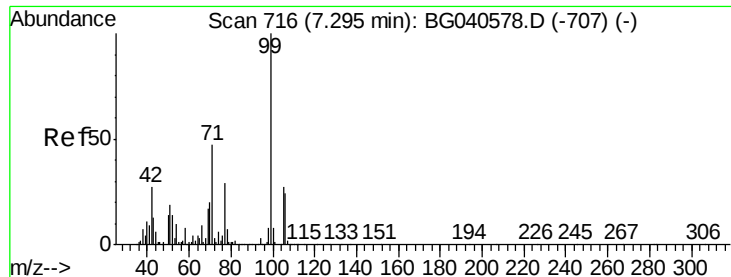
130 0.0 14.5 54.5#

64 7103.8 38.4 78.4#



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





#9

Benzaldehyde

Concen: Below Cal

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampled :

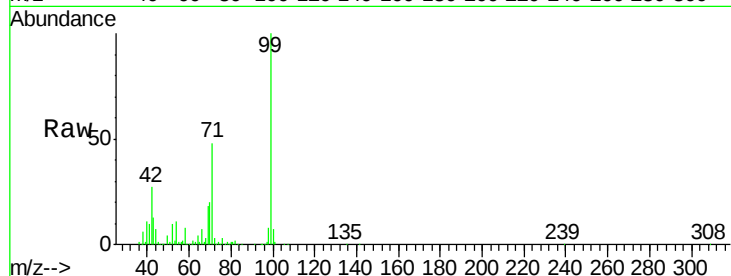
Tot Ion: 77 Resp: 1517

Ion Ratio Lower Upper

77 100

105 19.8 72.0 112.0#

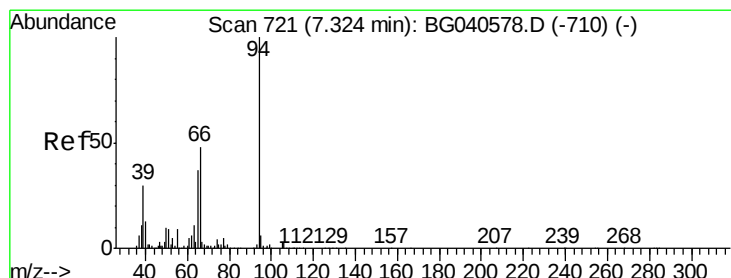
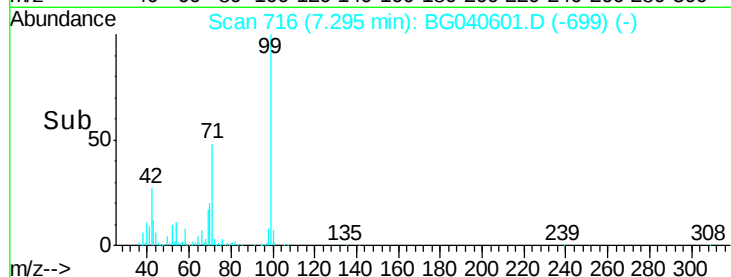
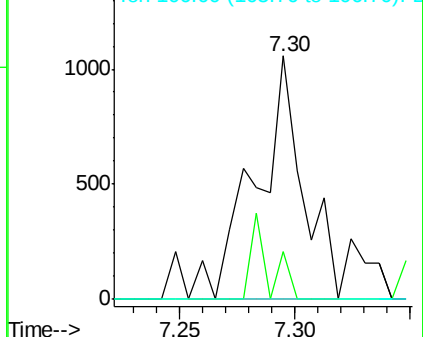
106 0.0 61.2 101.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.039 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.03 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

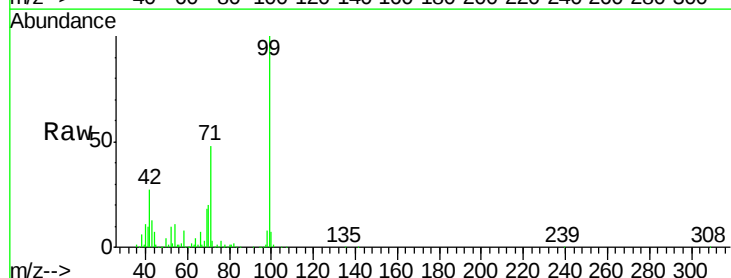
Tgt Ion: 94 Resp: 170

Ion Ratio Lower Upper

94 100

65 1254.2 17.0 57.0#

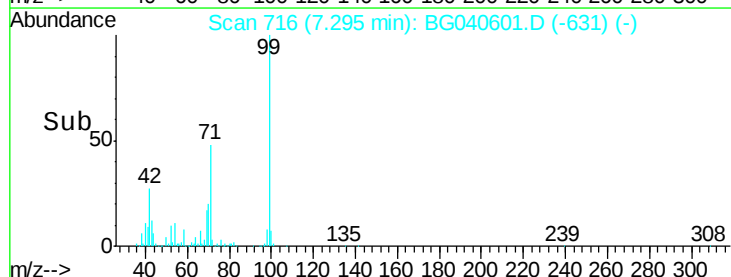
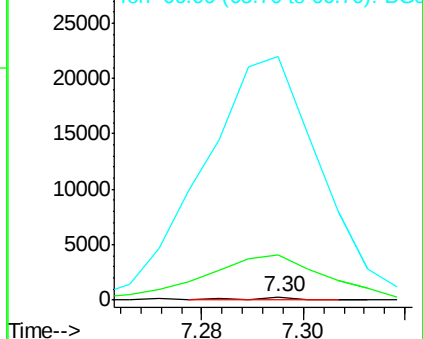
66 6846.1 28.6 68.6#

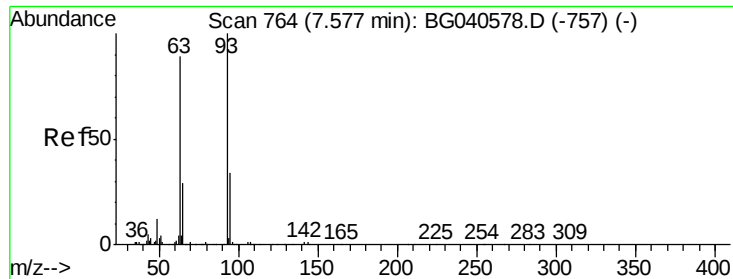


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

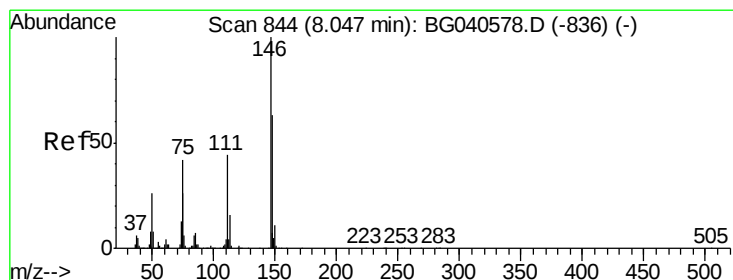
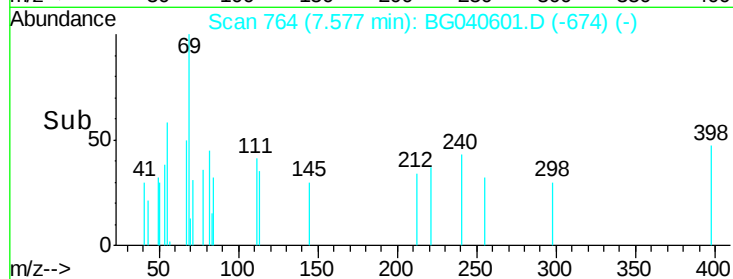
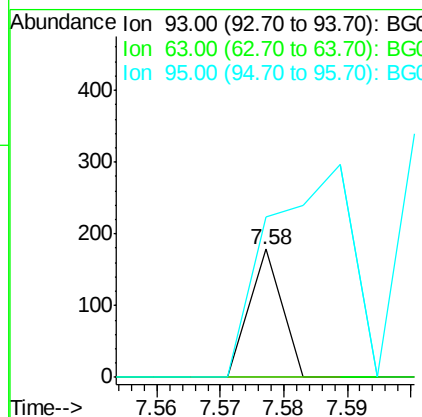
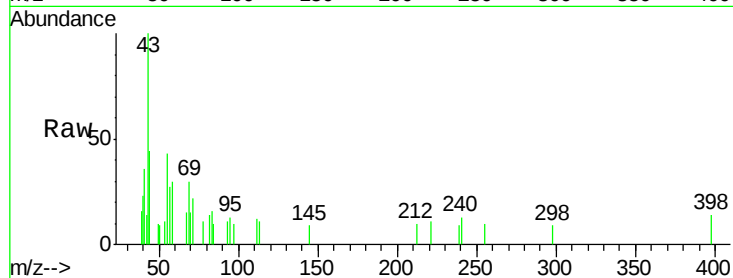




#11
 bis(2-Chloroethyl)ether
 Concen: 0.019 ng
 RT: 7.58 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BG040601.D
 Acq: 24 Apr 2019 19:49

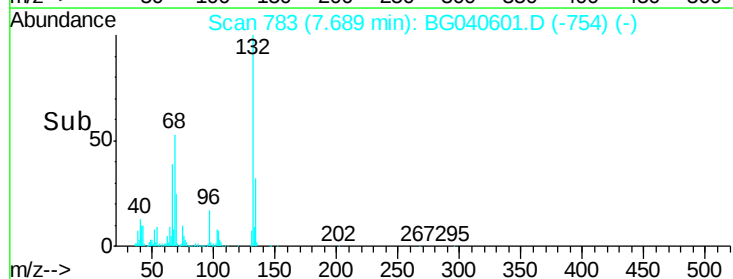
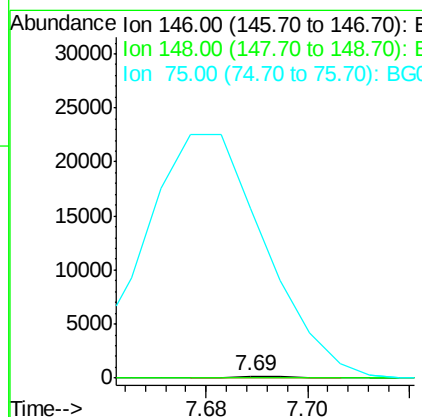
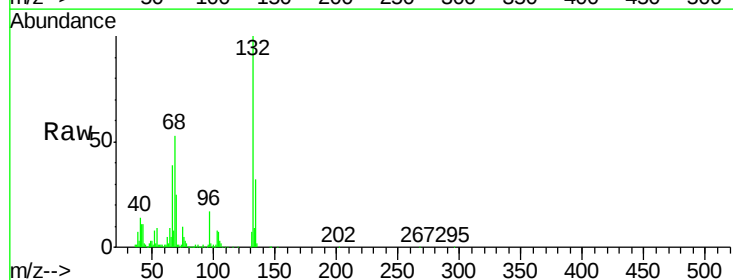
Instrument :
 BNA_G
 ClientSampleId :

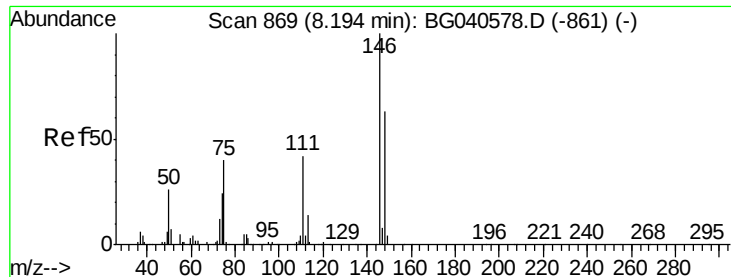
Tot Ion: 93 Resp: 63
 Ion Ratio Lower Upper
 93 100
 63 0.0 68.2 108.2#
 95 124.6 14.3 54.3#



#12
 1,3-Dichlorobenzene
 Concen: 0.034 ng
 RT: 7.69 min Scan# 783
 Delta R.T. -0.36 min
 Lab File: BG040601.D
 Acq: 24 Apr 2019 19:49

Tgt Ion: 146 Resp: 119
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.7 76.1#
 75 9079.1 33.4 50.2#

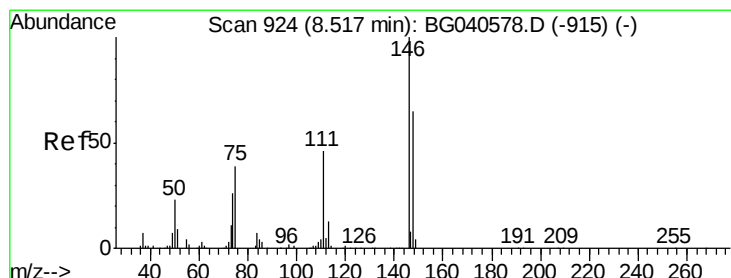
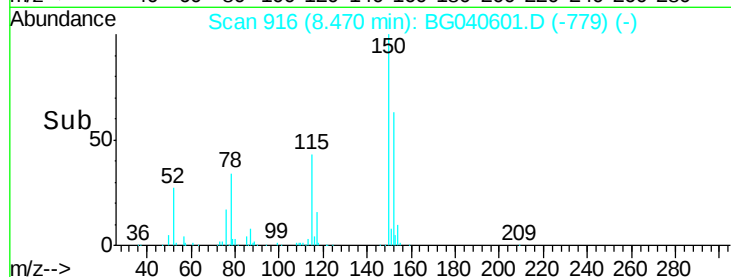
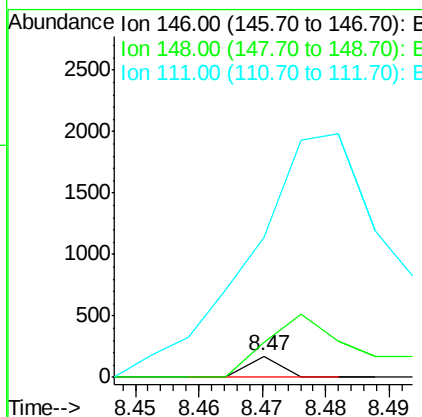
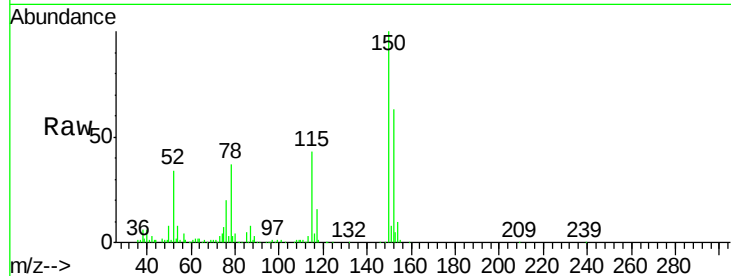




#13
 1,4-Dichlorobenzene
 Concen: 0.017 ng
 RT: 8.47 min Scan# 916
 Delta R.T. 0.28 min
 Lab File: BG040601.D
 Acq: 24 Apr 2019 19:49

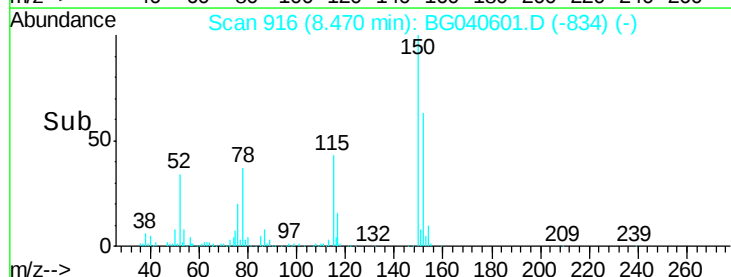
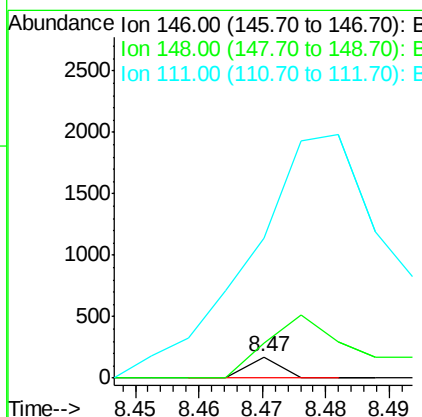
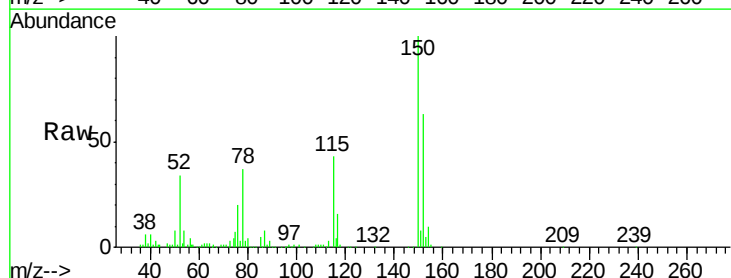
Instrument :
 BNA_G
 ClientSampled :

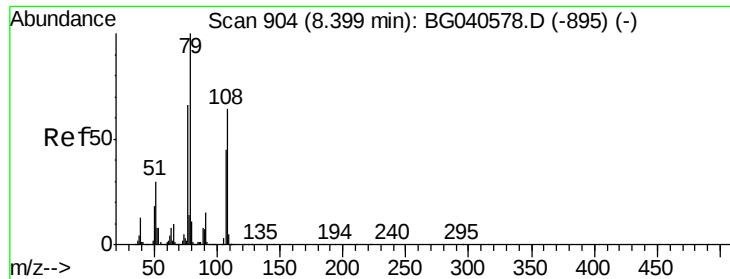
Tot Ion:146 Resp: 61
 Ion Ratio Lower Upper
 146 100
 148 166.3 50.6 75.8#
 111 661.0 34.3 51.5#



#14
 1,2-Dichlorobenzene
 Concen: 0.018 ng
 RT: 8.47 min Scan# 916
 Delta R.T. -0.05 min
 Lab File: BG040601.D
 Acq: 24 Apr 2019 19:49

Tgt Ion:146 Resp: 61
 Ion Ratio Lower Upper
 146 100
 148 166.3 52.2 78.4#
 111 661.0 37.4 56.0#





#15

Benzyl Alcohol

Concen: 0.060 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.01 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

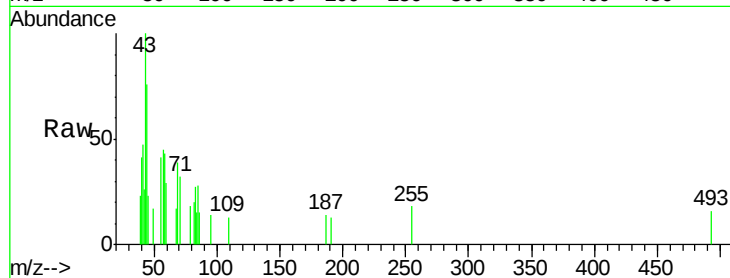
Tot Ion: 79 Resp: 253

Ion Ratio Lower Upper

79 100

108 0.0 51.4 77.0#

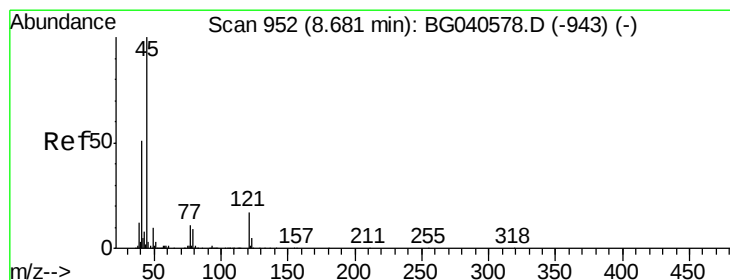
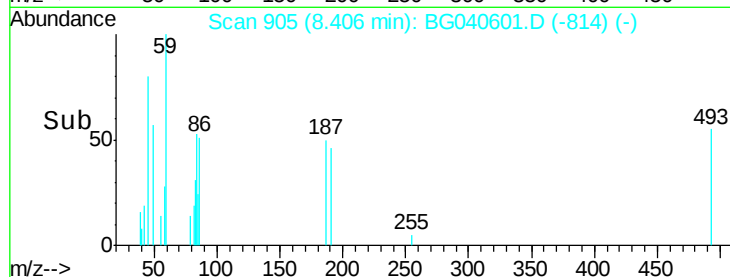
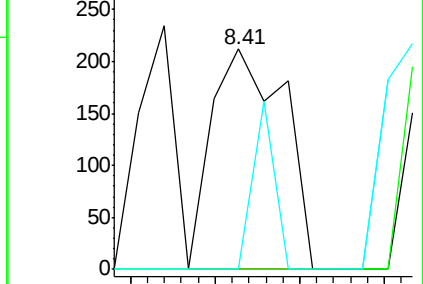
77 0.0 52.6 79.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.011 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.04 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

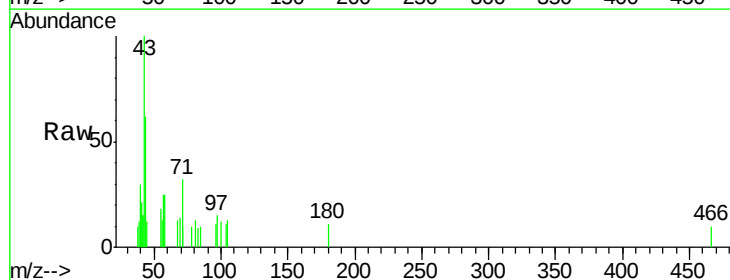
Tgt Ion: 45 Resp: 73

Ion Ratio Lower Upper

45 100

77 0.0 0.0 31.5

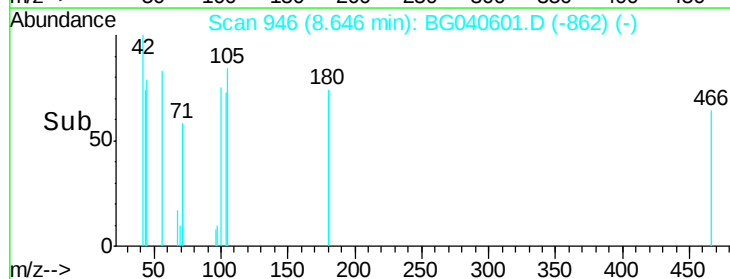
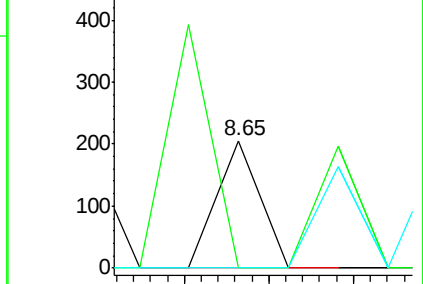
79 0.0 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

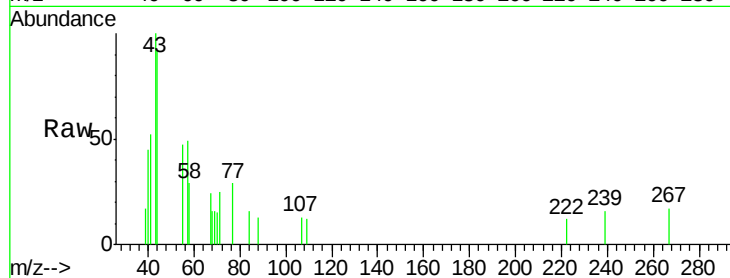




#17
2-Methylphenol
Concen: 0.038 ng
RT: 8.64 min Scan# 945
Delta R.T. 0.05 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	0.0	81.2	121.8#
77	215.9	44.4	66.6#
79	0.0	47.0	70.4#



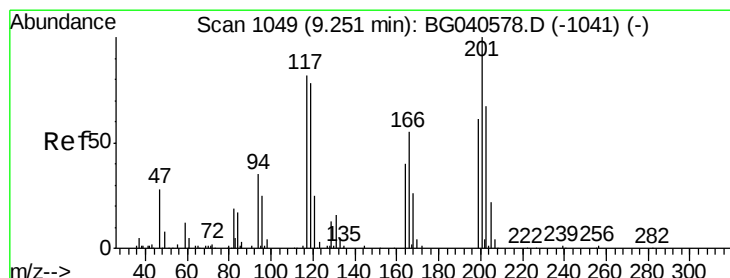
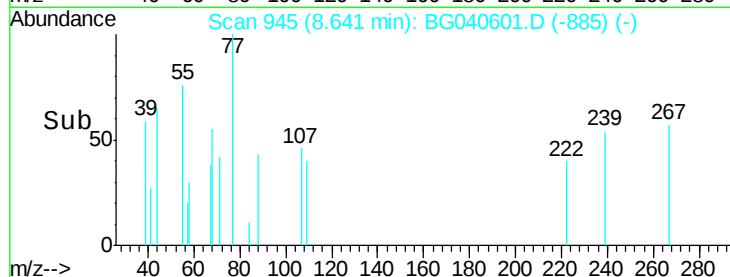
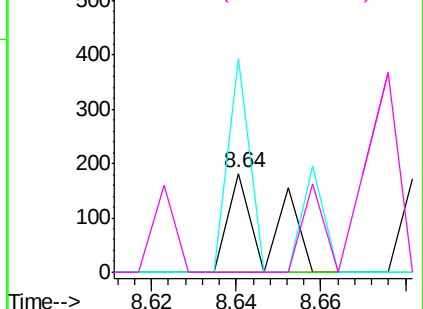
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

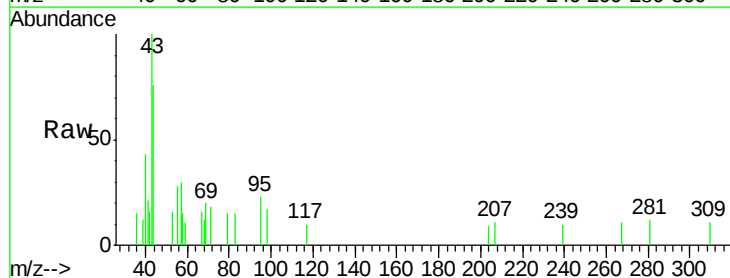
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 0.037 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.09 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	114.8#
201	0.0	101.0	151.6#

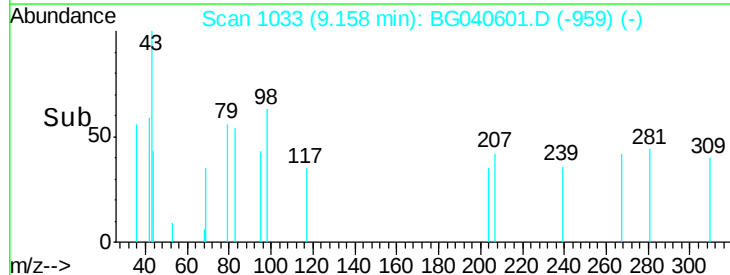
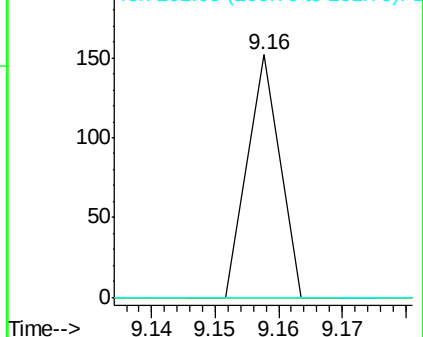


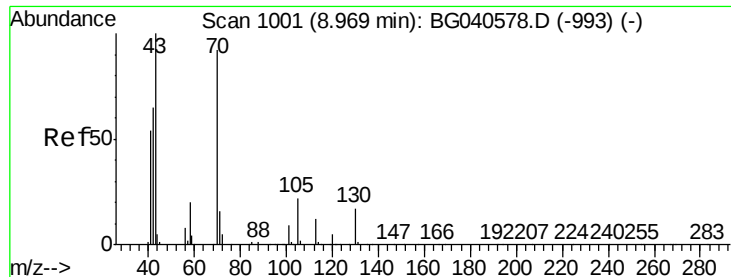
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

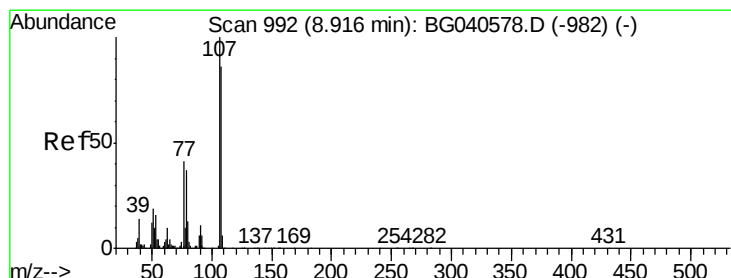
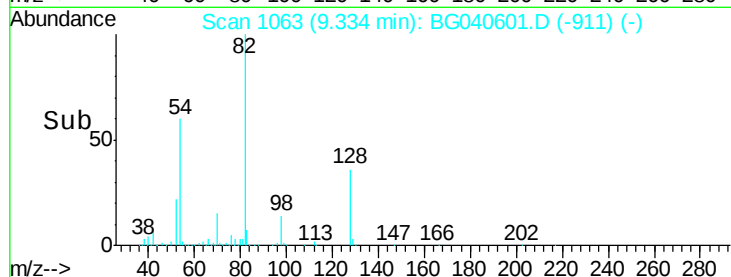
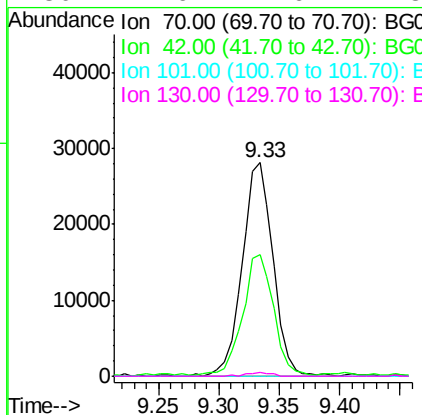
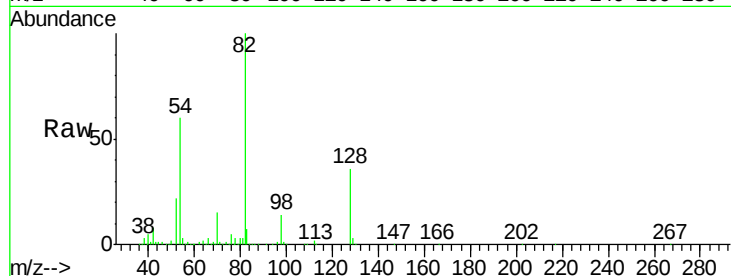




#19
n-Nitroso-di-n-propylamine
Concen: 13.585 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

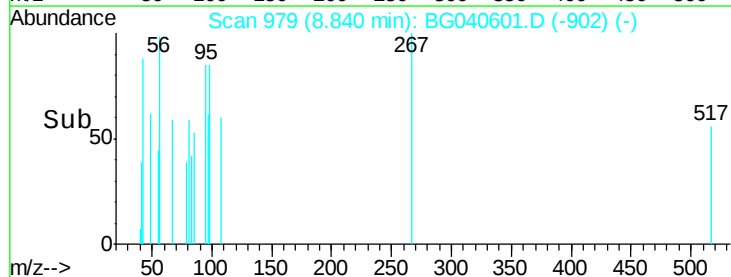
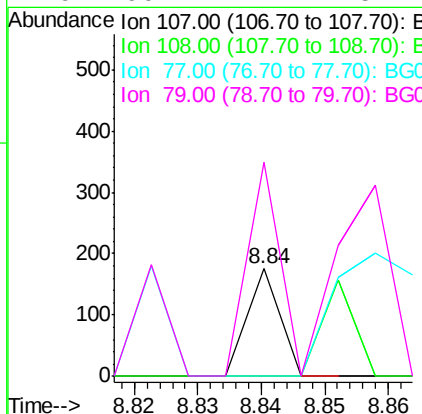
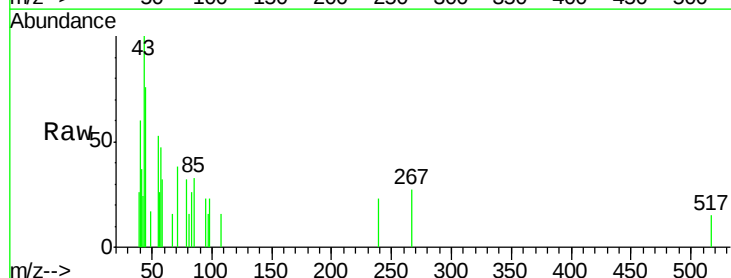
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 49938
Ion Ratio Lower Upper
70 100
42 57.1 57.1 85.7#
101 0.0 7.8 11.8#
130 1.6 14.6 21.8#



#20
3+4-Methylphenols
Concen: 0.014 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.08 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Tgt Ion: 107 Resp: 62
Ion Ratio Lower Upper
107 100
108 0.0 66.1 106.1#
77 0.0 21.6 61.6#
79 199.4 17.4 57.4#

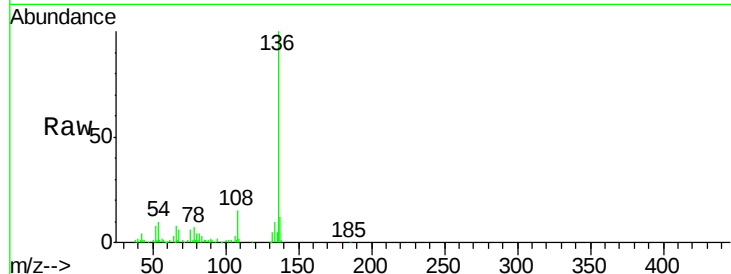




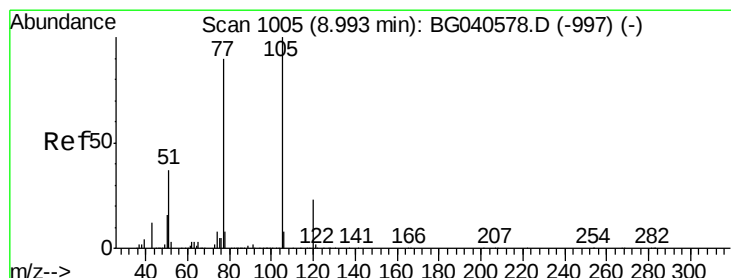
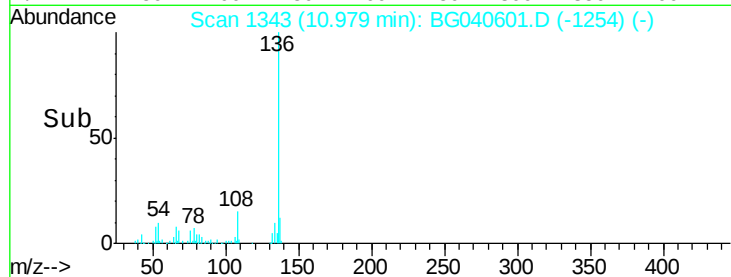
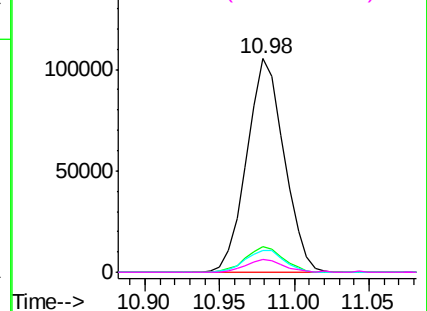
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	181294	
Ion Ratio	Lower	Upper	
136 100			
137 11.9	9.7	14.5	
54 10.5	8.6	12.8	
68 5.7	4.8	7.2	

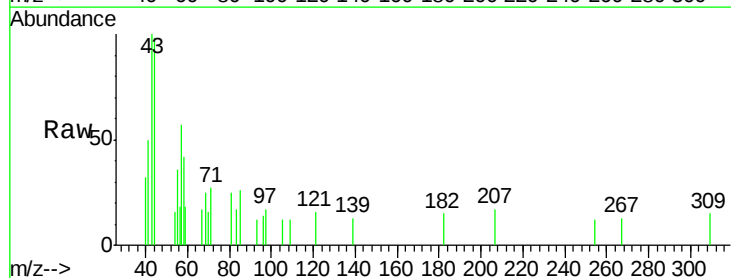


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

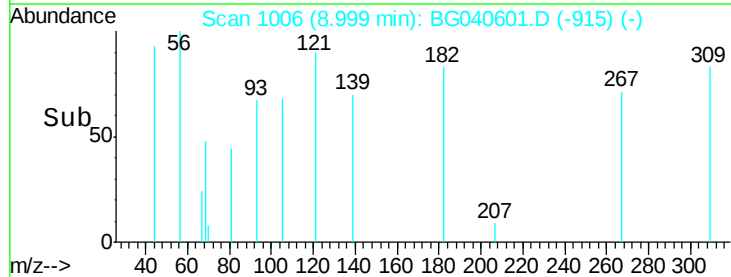
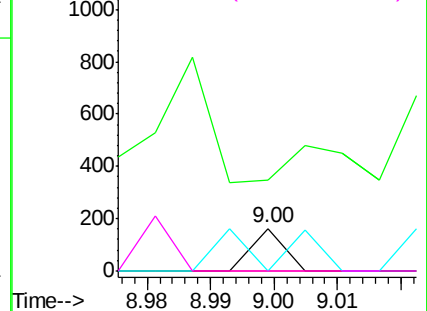


#22
Acetophenone
Concen: 0.011 ng
RT: 9.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Tgt	Ion:105	Resp:	57
Ion	Ratio	Lower	Upper
105	100		
71	213.0	1.8	2.8#
51	0.0	29.8	44.8#
120	0.0	18.4	27.6#



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

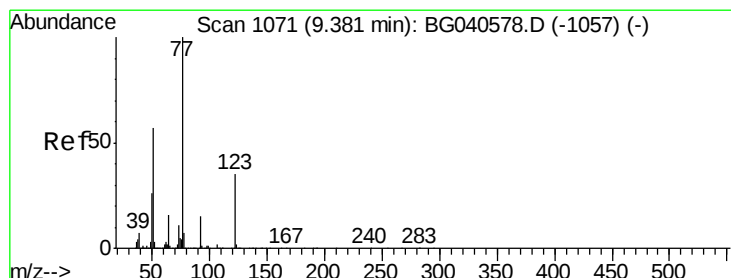
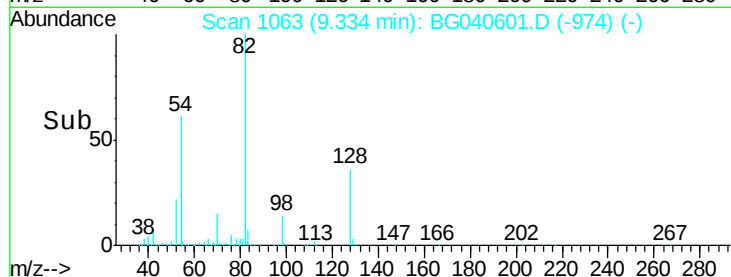
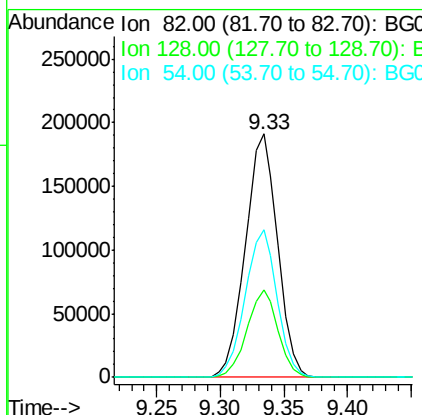
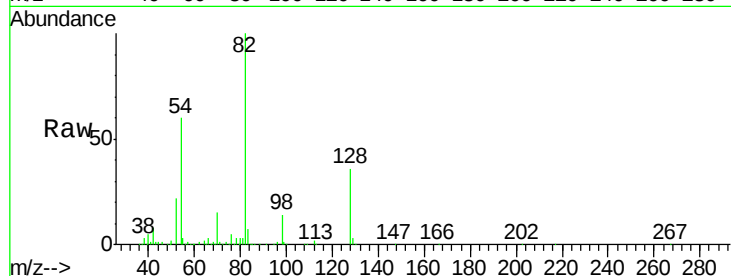




#23
Nitrobenzene-d5
Concen: 85.975 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

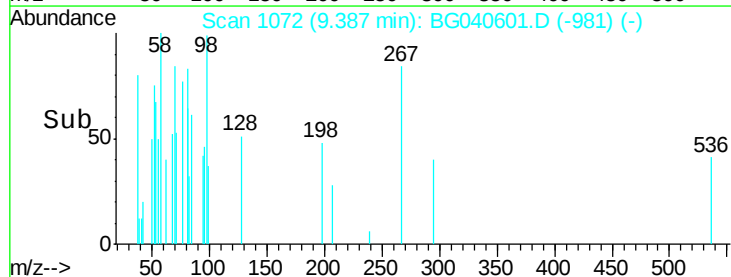
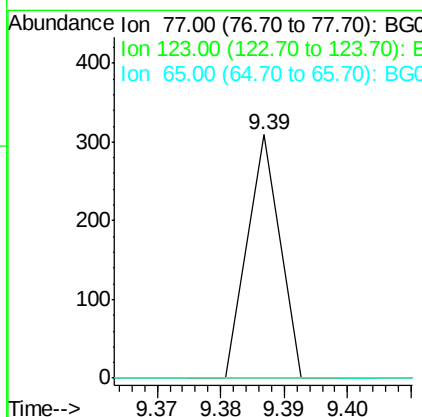
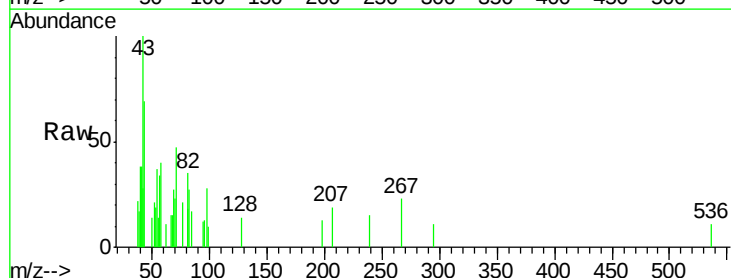
Instrument :
BNA_G
ClientSampleId :

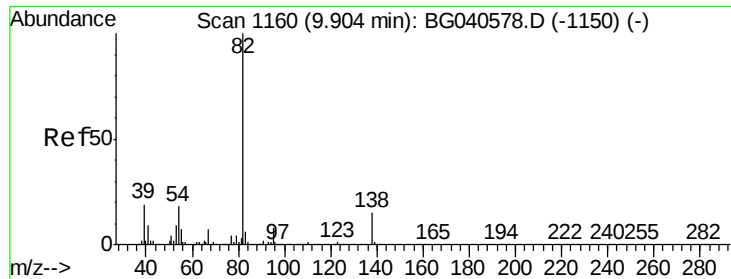
Tot Ion	82	Resp	337331
Ion Ratio	Lower	Upper	
82	100		
128	35.7	28.9	43.3
54	60.5	47.2	70.8



#24
Nitrobenzene
Concen: 0.026 ng
RT: 9.39 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Tgt Ion	77	Resp	109
Ion Ratio	Lower	Upper	
77	100		
123	0.0	27.8	41.6#
65	0.0	12.4	18.6#





#25

Isophorone

Concen: 0.043 ng

RT: 9.90 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampled :

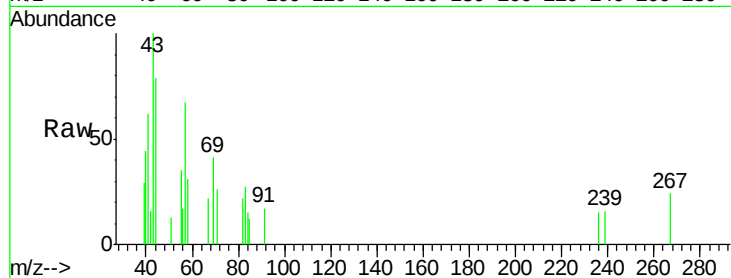
Tot Ion: 82 Resp: 374

Ion Ratio Lower Upper

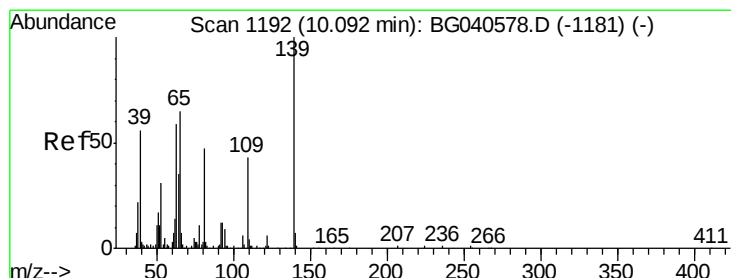
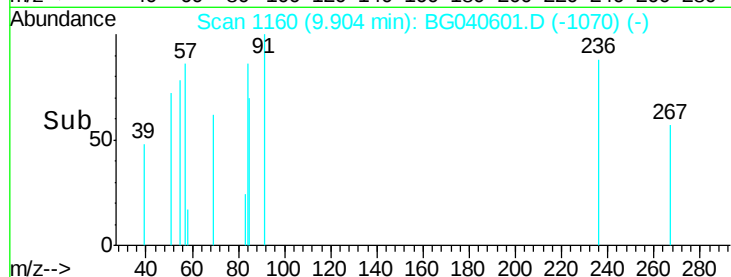
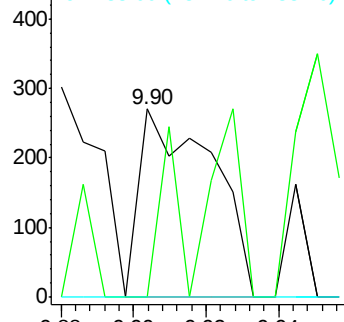
82 100

95 0.0 6.9 10.3#

138 0.0 12.3 18.5#



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: 0.089 ng

RT: 9.57 min Scan# 1104

Delta R.T. -0.52 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

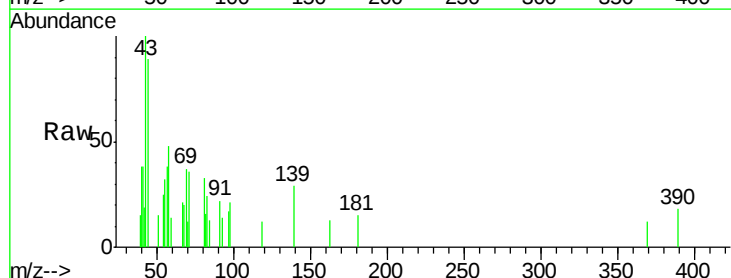
Tgt Ion: 139 Resp: 134

Ion Ratio Lower Upper

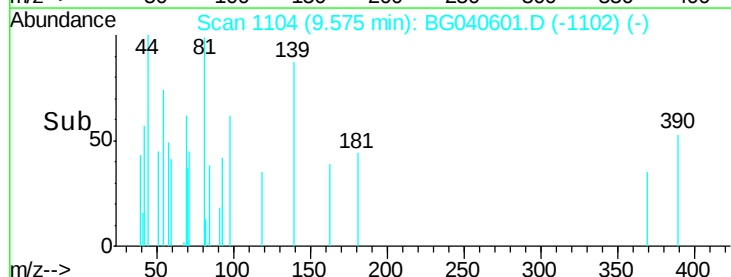
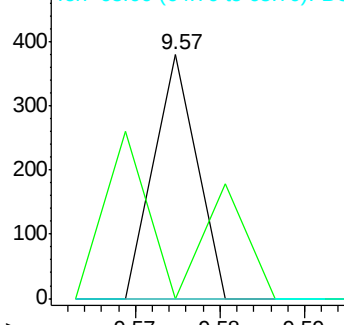
139 100

109 0.0 35.6 53.4#

65 0.0 52.3 78.5#



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





#27

2,4-Dimethylphenol

Concen: 0.031 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.16 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

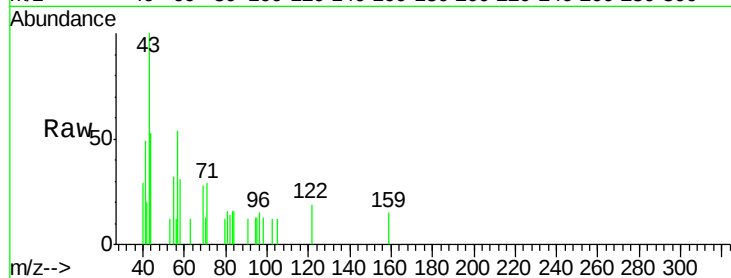
Tot Ion:122 Resp: 88

Ion Ratio Lower Upper

122 100

107 0.0 110.1 165.1#

121 100.0 49.4 74.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

9.97

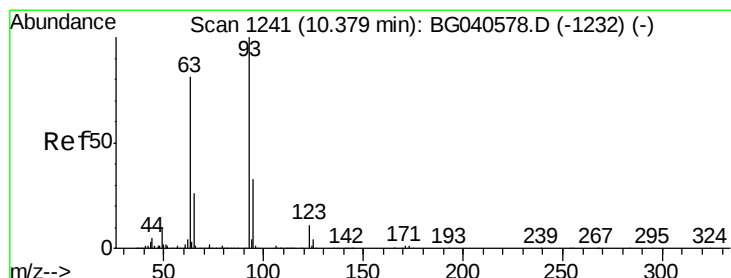
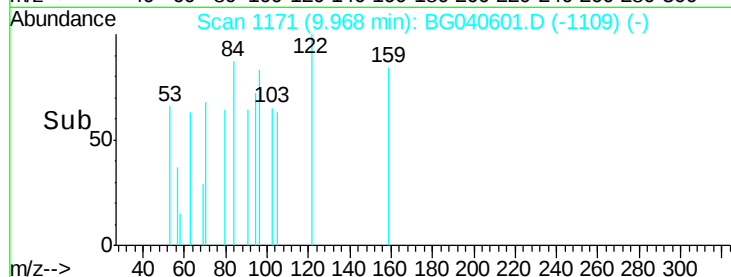
200

100

0

9.95 9.96 9.97 9.98

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 0.026 ng

RT: 10.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

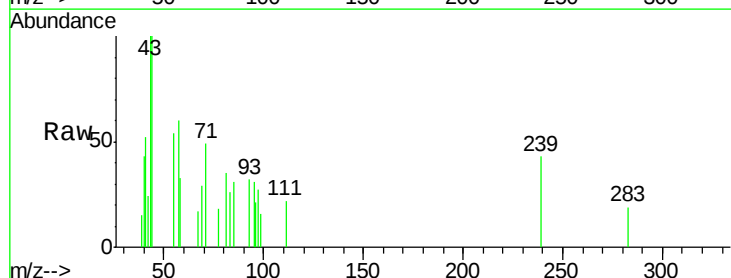
Tgt Ion: 93 Resp: 114

Ion Ratio Lower Upper

93 100

95 96.6 26.6 40.0#

123 0.0 9.0 13.4#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

10.37

400

300

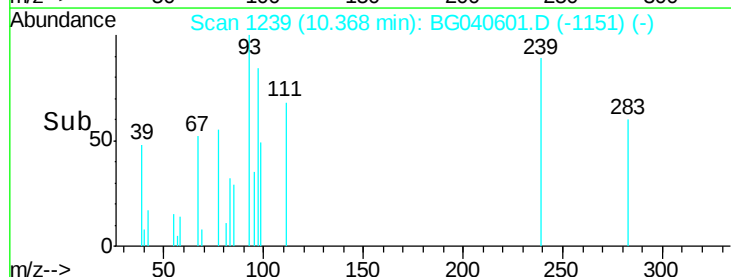
200

100

0

10.36 10.37 10.38

Time-->

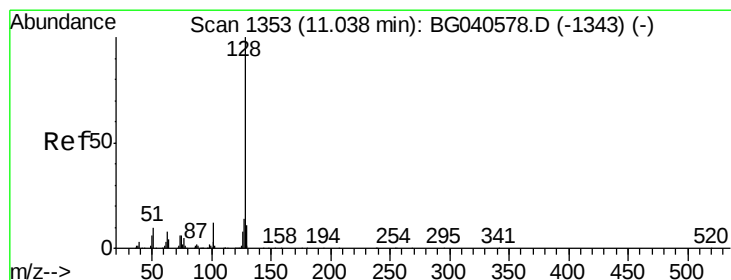
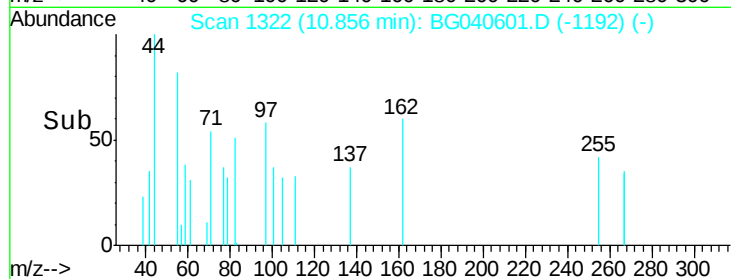
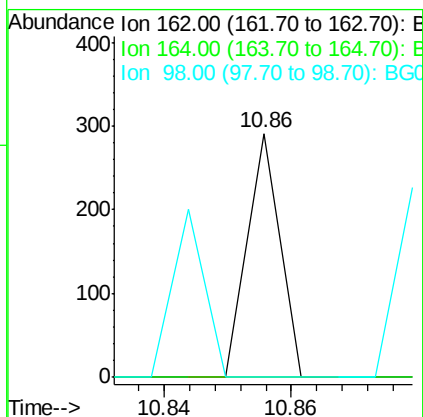
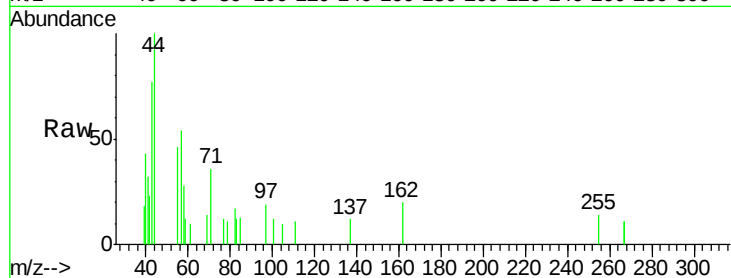




#29
2,4-Dichlorophenol
Concen: 0.032 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.24 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

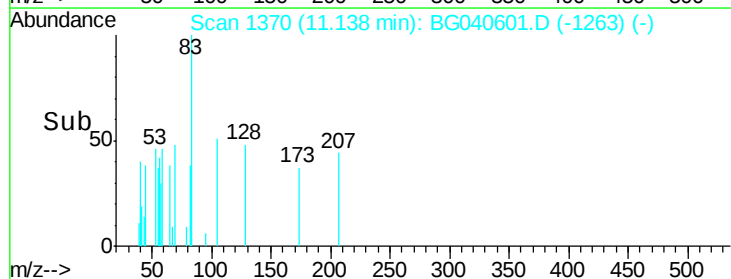
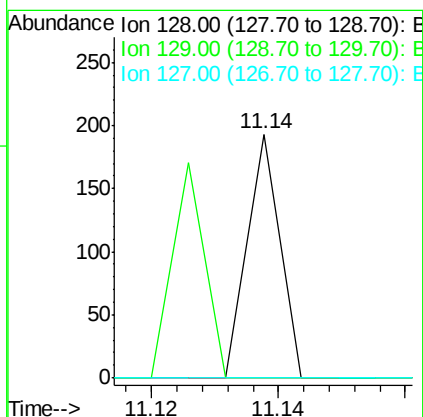
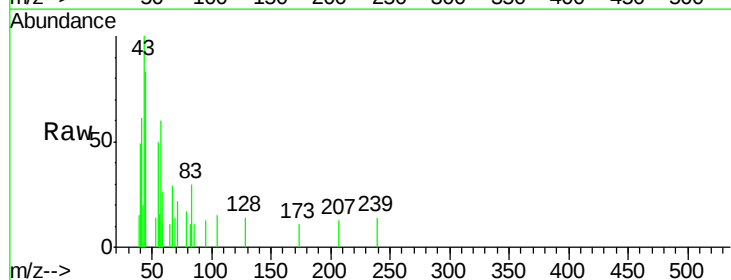
Instrument :
BNA_G
ClientSampled :

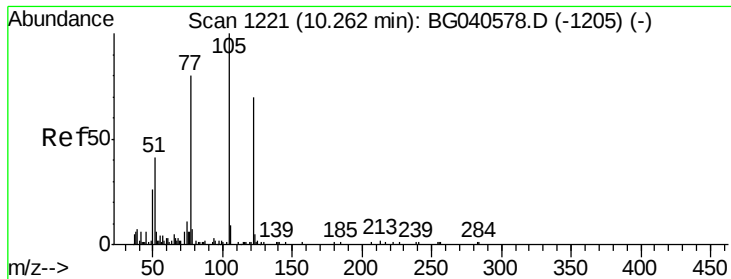
Tot Ion	Ratio	Lower	Upper
162	100		
164	0.0	38.9	78.9#
98	0.0	16.8	56.8#



#31
Naphthalene
Concen: 0.007 ng
RT: 11.14 min Scan# 1370
Delta R.T. 0.10 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.6#
127	0.0	11.3	16.9#

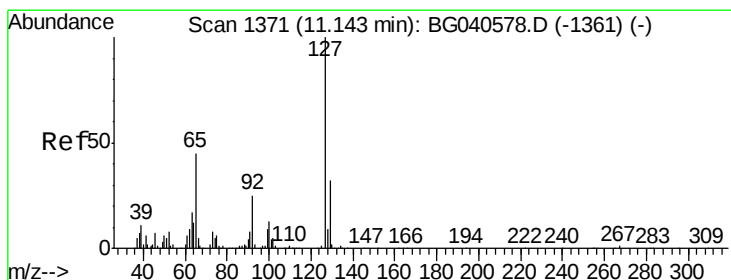
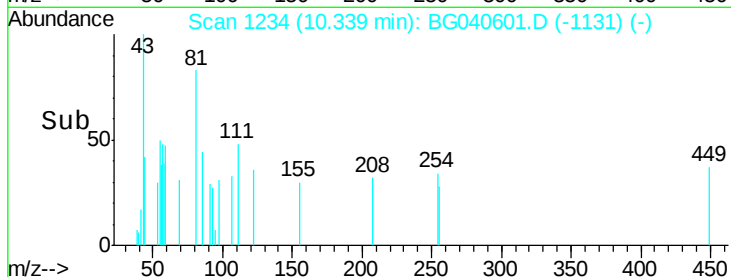
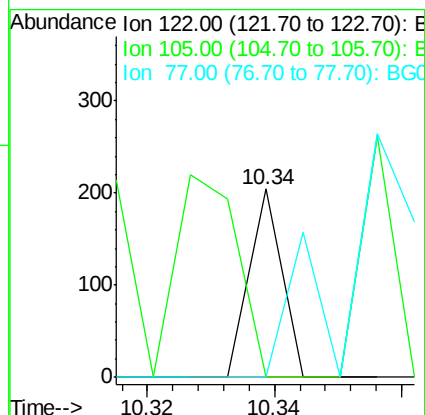
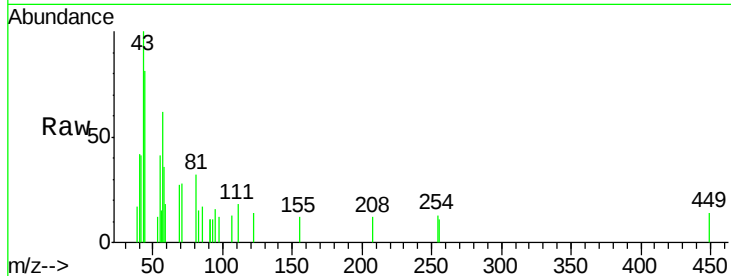




#32
Benzoic acid
Concen: 0.037 ng
RT: 10.34 min Scan# 1234
Delta R.T. 0.08 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

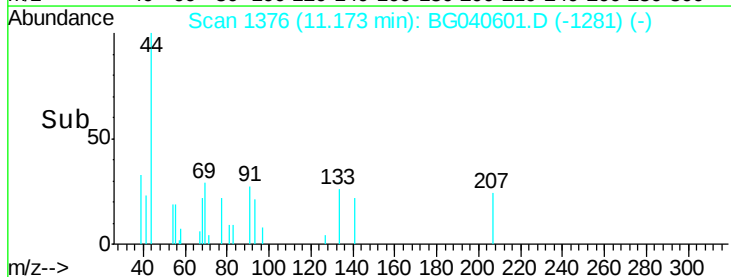
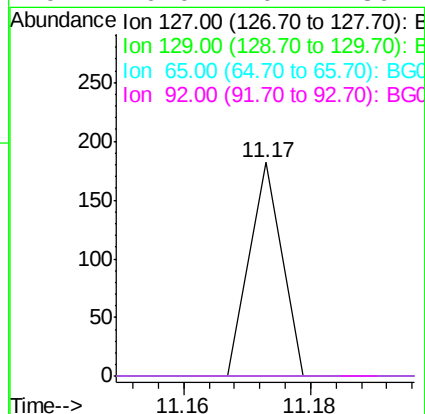
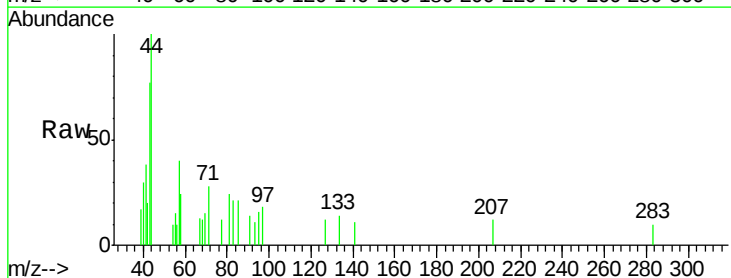
Instrument :
BNA_G
ClientSampled :

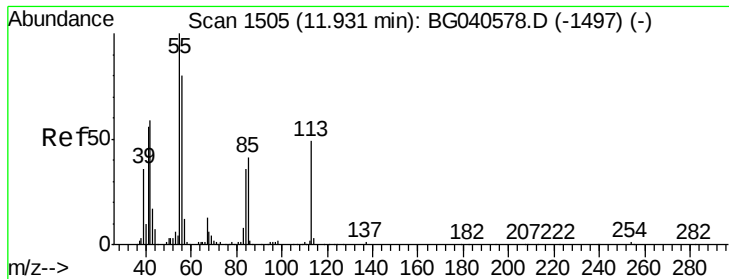
Tot Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 0.0 110.9 150.9#
77 0.0 87.6 127.6#



#33
4-Chloroaniline
Concen: 0.015 ng
RT: 11.17 min Scan# 1376
Delta R.T. 0.03 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Tgt Ion:127 Resp: 64
Ion Ratio Lower Upper
127 100
129 0.0 25.7 38.5#
65 0.0 36.1 54.1#
92 0.0 20.1 30.1#





#35

Caprolactam

Concen: 0.063 ng

RT: 12.04 min Scan# 1524

Delta R.T. 0.11 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

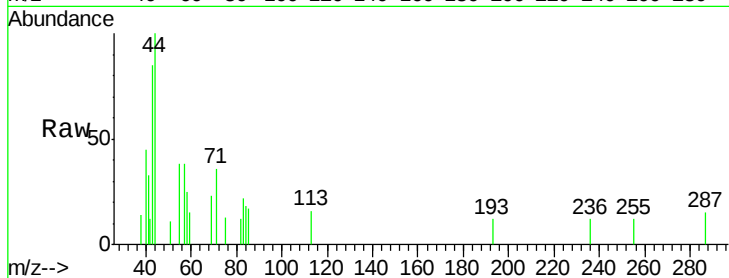
Instrument :

BNA_G

ClientSampled :

Tot Ion:113 Resp: 79

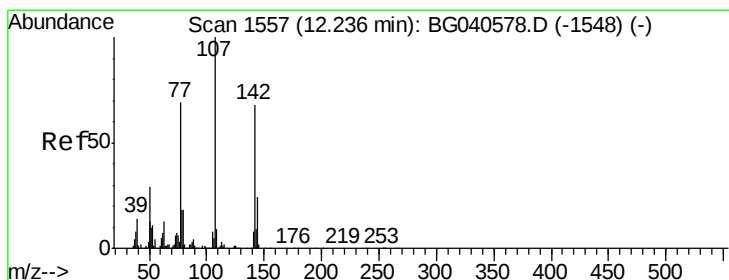
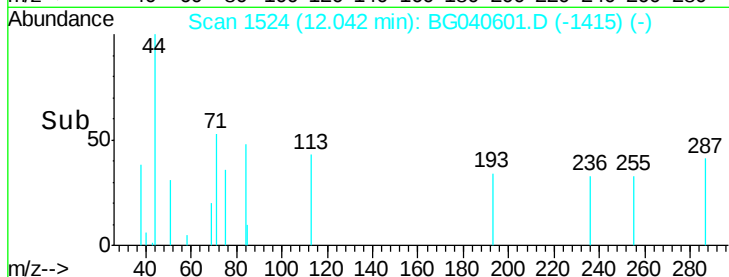
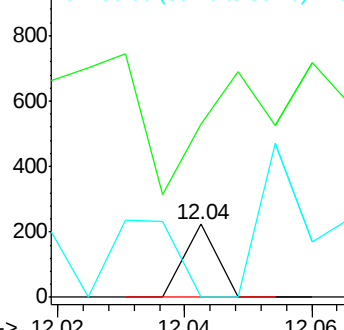
Ion	Ratio	Lower	Upper
113	100		
55	237.2	198.6	238.6
56	0.0	148.4	188.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 0.022 ng

RT: 12.28 min Scan# 1564

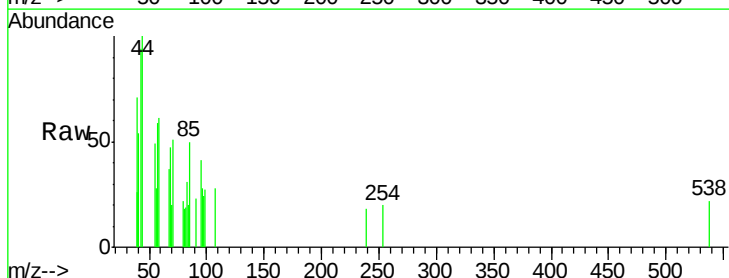
Delta R.T. 0.04 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Tgt Ion:107 Resp: 89

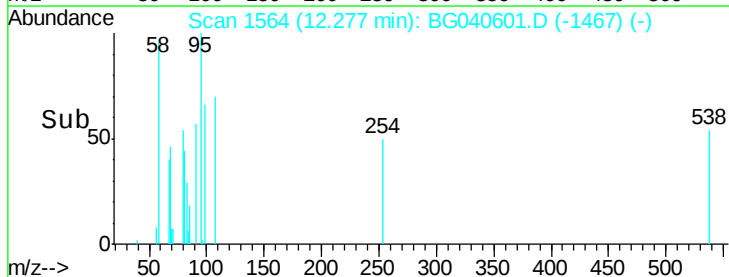
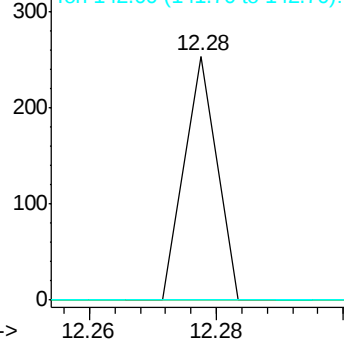
Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.3	28.9#
142	0.0	54.6	81.8#

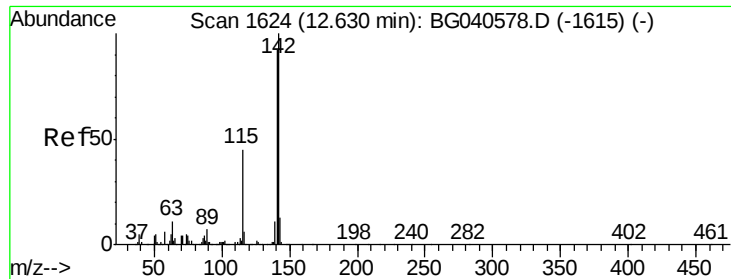


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

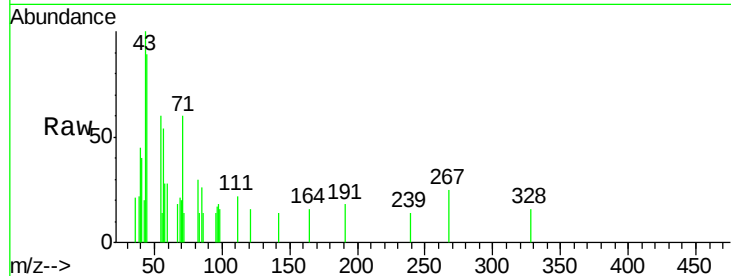




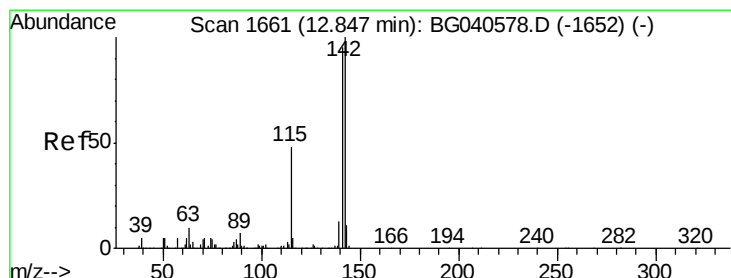
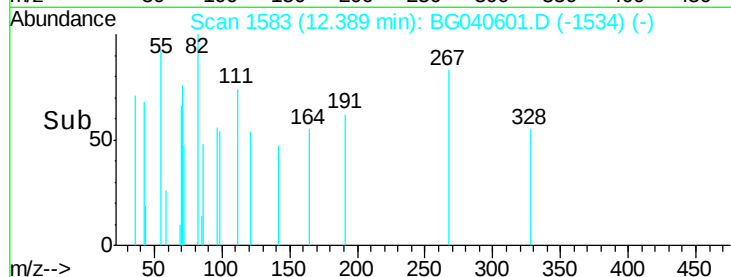
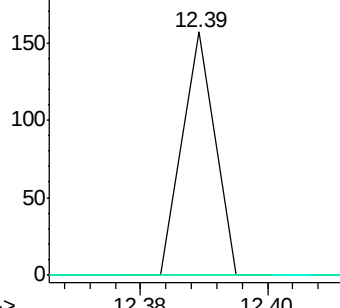
#37
2-Methylnaphthalene
Concen: 0.008 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.24 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	0.0	73.4	110.2#
115	0.0	36.2	54.4#

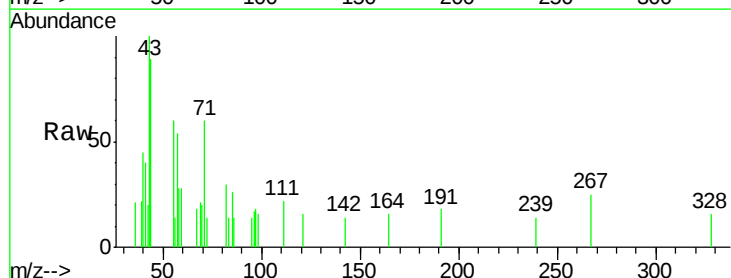


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

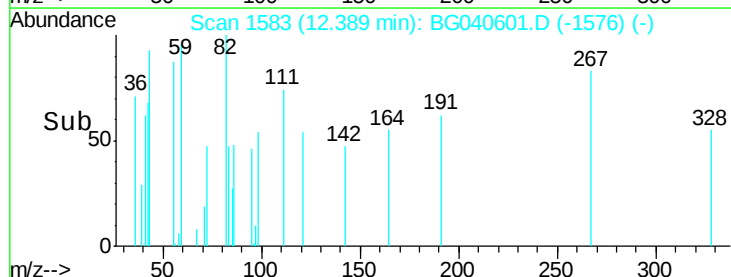
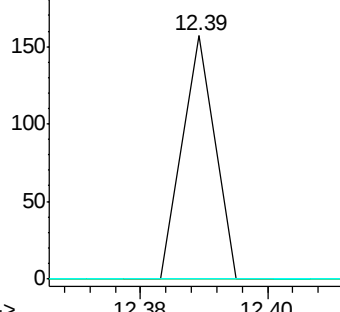


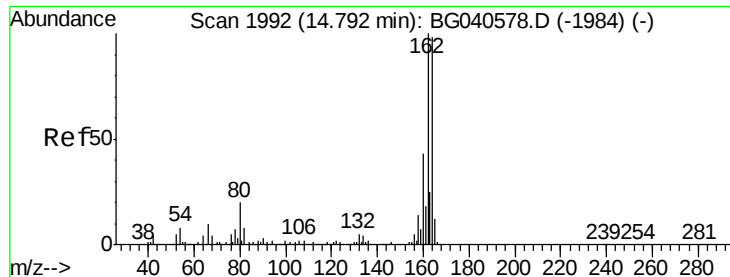
#38
1-Methylnaphthalene
Concen: 0.008 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.46 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	75.9	113.9#
116	0.0	4.2	6.4#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

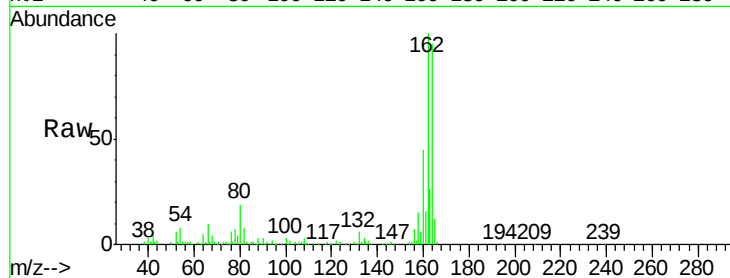
Tot Ion:164 Resp: 130491

Ion Ratio Lower Upper

164 100

162 105.0 81.9 122.9

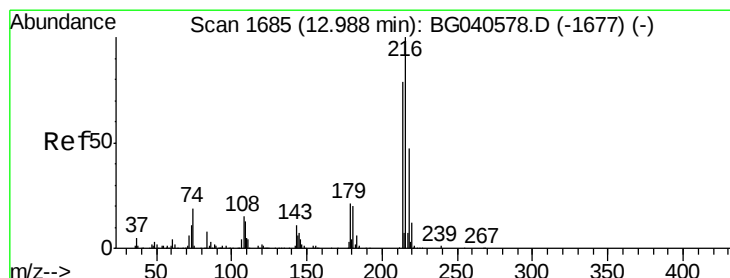
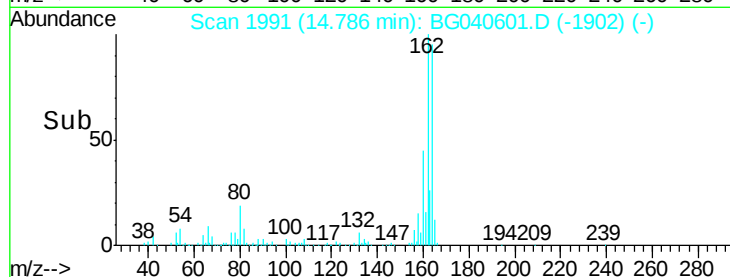
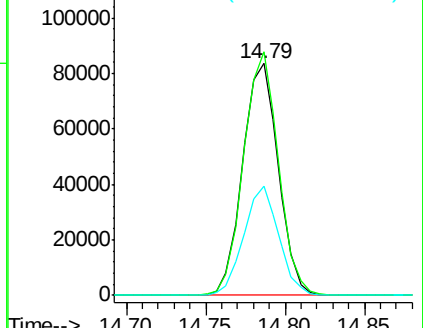
160 46.9 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.012 ng

RT: 13.12 min Scan# 1707

Delta R.T. 0.13 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Tgt Ion:216 Resp: 59

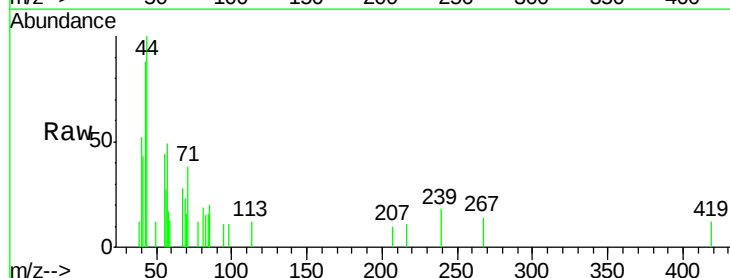
Ion Ratio Lower Upper

216 100

214 0.0 63.7 95.5#

179 0.0 16.6 24.8#

108 0.0 14.7 22.1#

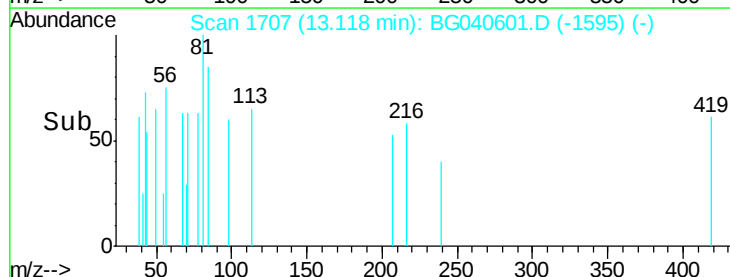
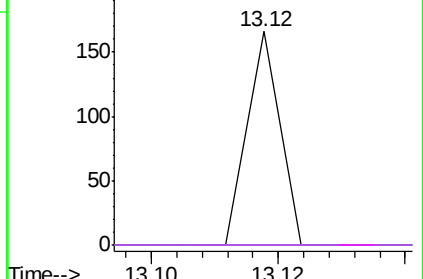


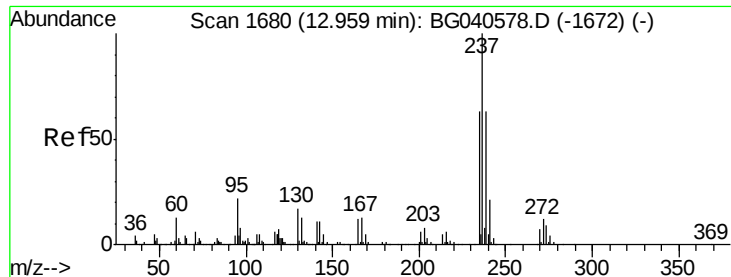
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 0.021 ng

RT: 13.14 min Scan# 1711

Delta R.T. 0.18 min

Lab File: BG040601.D

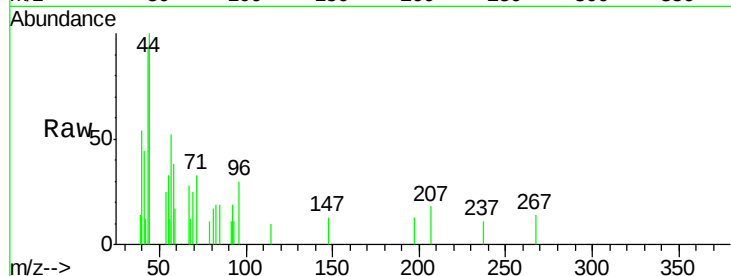
Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	59
Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.5	82.5#
272	0.0	0.0	31.6



Abundance Ion 236.80 (236.50 to 237.50): E

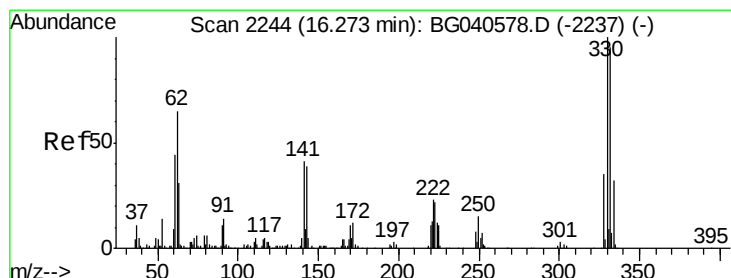
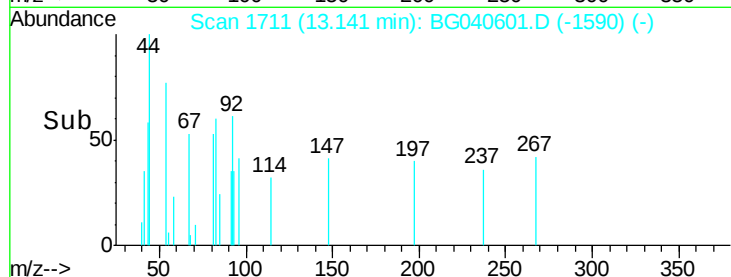
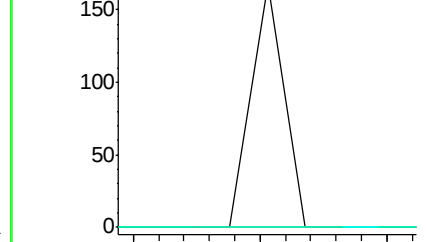
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

13.14

13.14

13.14



#42

2,4,6-Tribromophenol

Concen: 100.775 ng

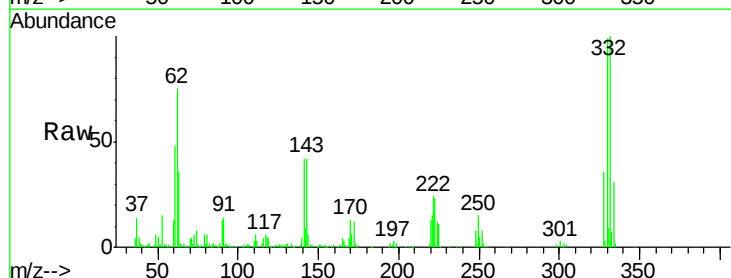
RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Tgt Ion:	330	Resp:	180753
Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.9	113.9
141	40.9	32.4	48.6



Abundance Ion 329.80 (329.50 to 330.50): E

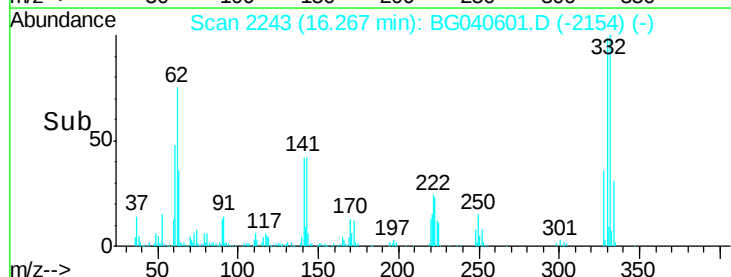
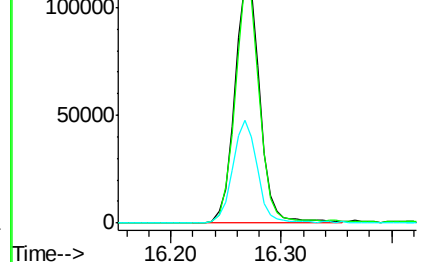
Ion 331.80 (331.50 to 332.50): E

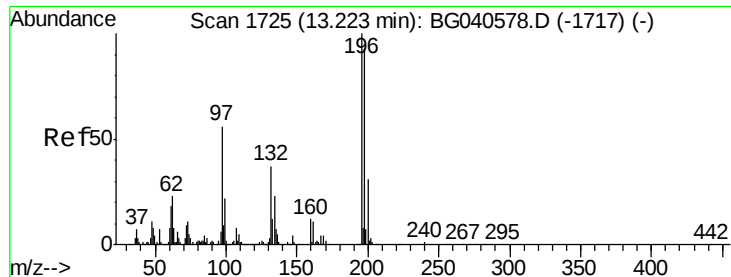
Ion 141.00 (140.70 to 141.70): E

16.27

16.27

16.27

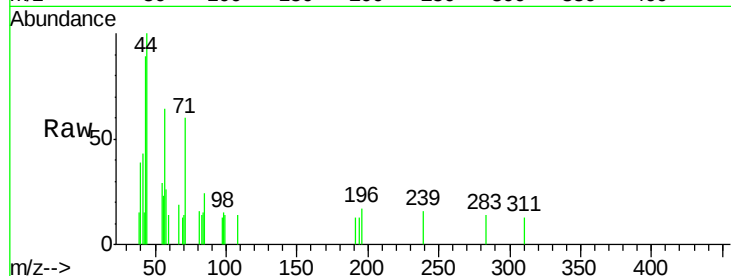




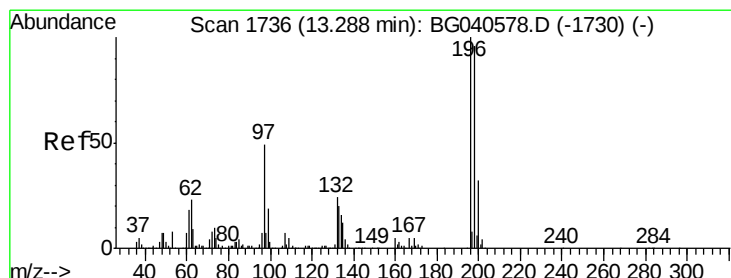
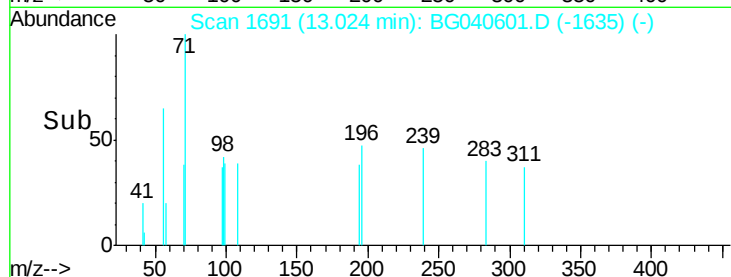
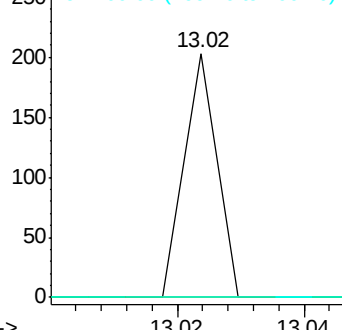
#43
2,4,6-Trichlorophenol
Concen: 0.025 ng
RT: 13.02 min Scan# 1691
Delta R.T. -0.20 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 72
Ion Ratio Lower Upper
196 100
198 0.0 74.8 112.2#
200 0.0 24.9 37.3#

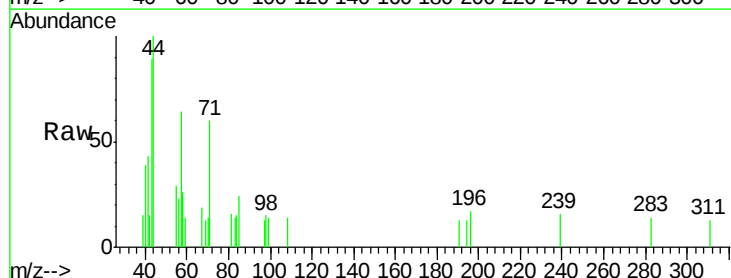


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

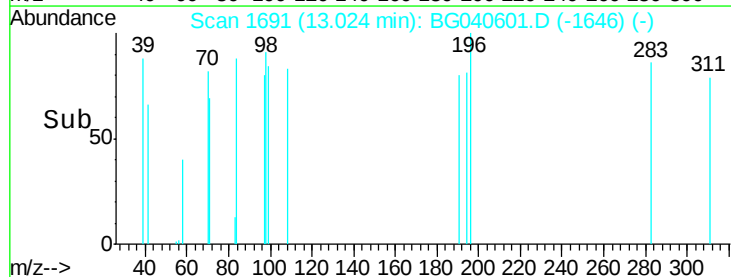
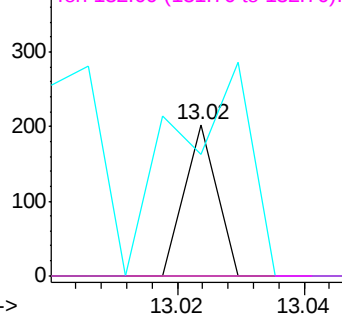


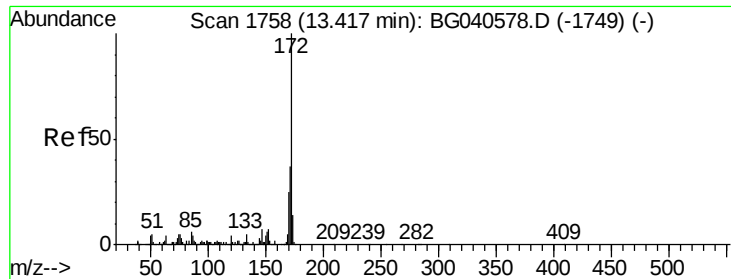
#44
2,4,5-Trichlorophenol
Concen: 0.022 ng
RT: 13.02 min Scan# 1691
Delta R.T. -0.26 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Tgt Ion:196 Resp: 72
Ion Ratio Lower Upper
196 100
198 0.0 77.0 115.6#
97 79.8 40.0 60.0#
132 0.0 19.2 28.8#



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

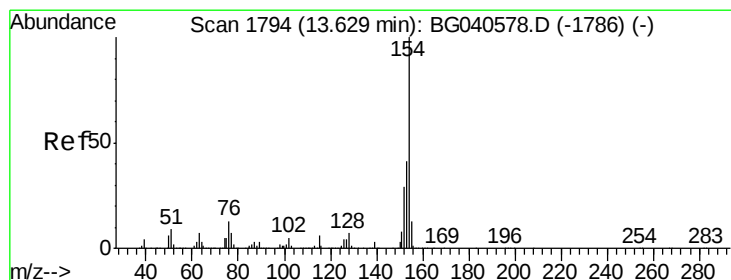
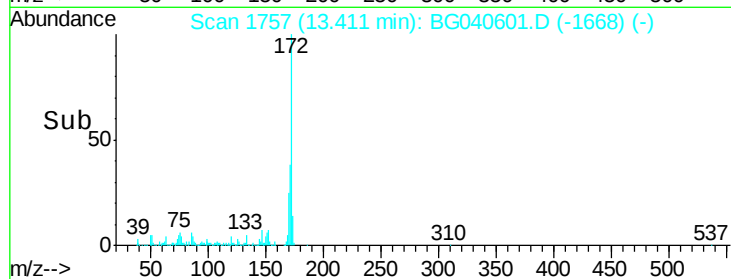
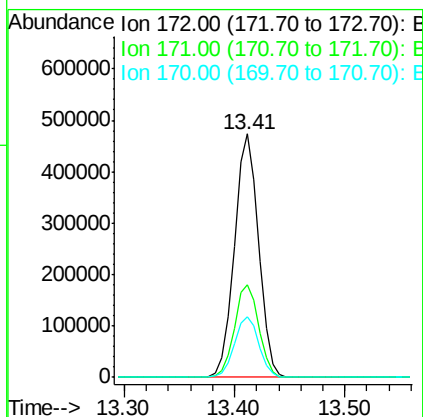
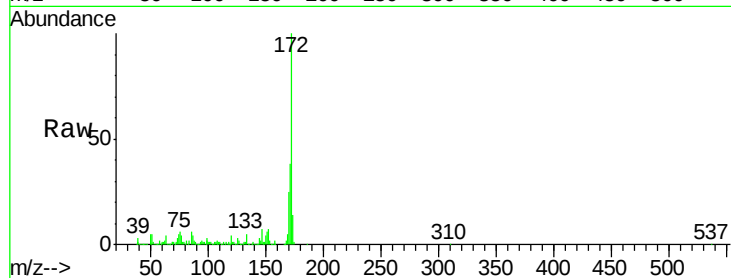




#45
2-Fluorobiphenyl
Concen: 79.897 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

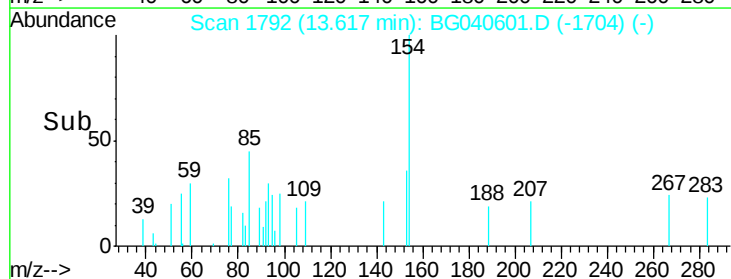
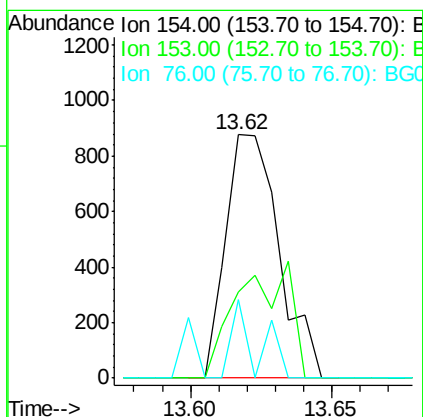
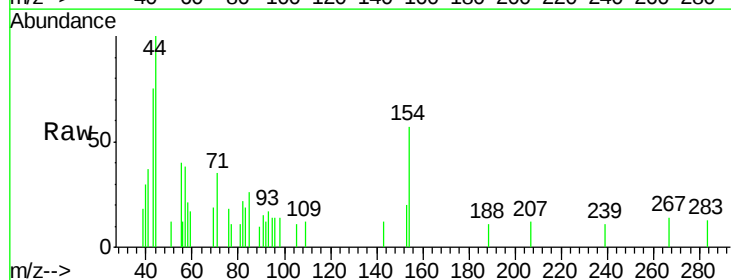
Instrument :
BNA_G
ClientSampleId :

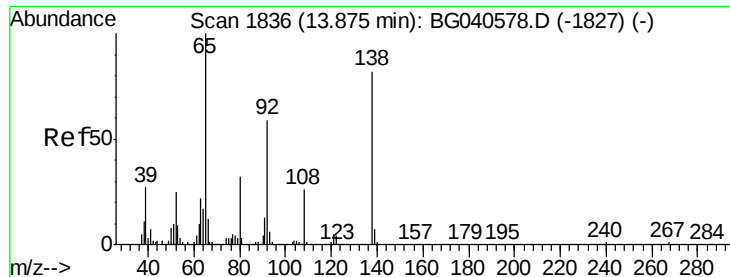
Tot Ion:172 Resp: 721914
Ion Ratio Lower Upper
172 100
171 38.3 29.4 44.2
170 25.1 19.9 29.9



#46
1,1'-Biphenyl
Concen: 0.113 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Tgt Ion:154 Resp: 1147
Ion Ratio Lower Upper
154 100
153 35.7 20.5 60.5
76 51.1 0.0 32.5#

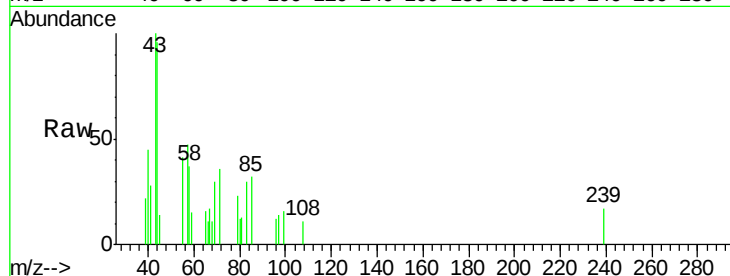




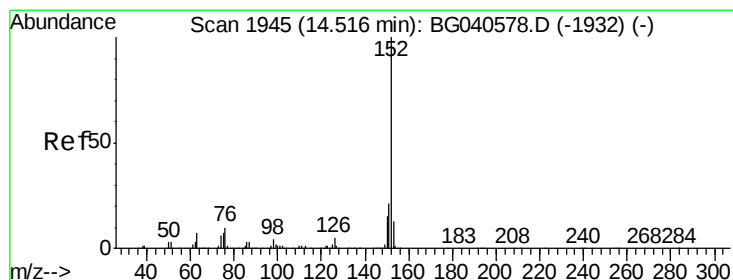
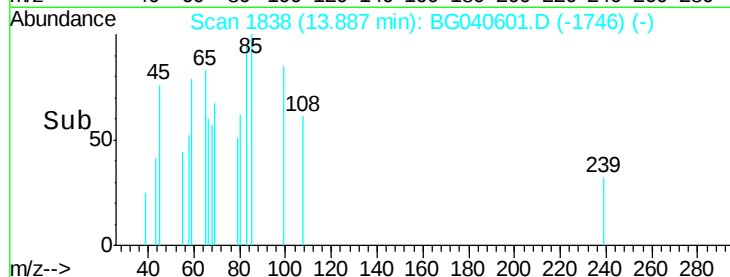
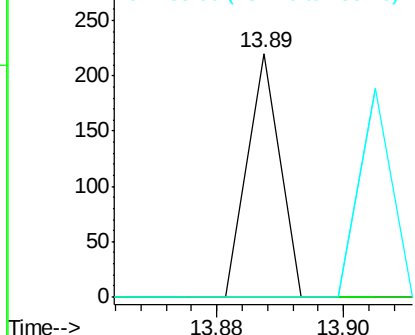
#48
2-Nitroaniline
Concen: 0.028 ng
RT: 13.89 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	47.4	71.0#
138	0.0	66.1	99.1#

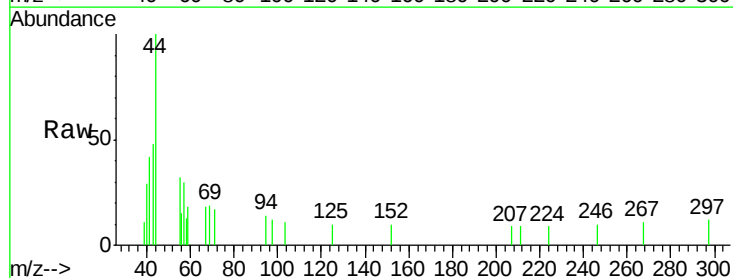


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

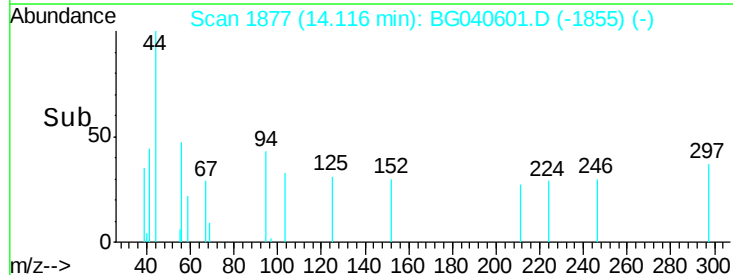
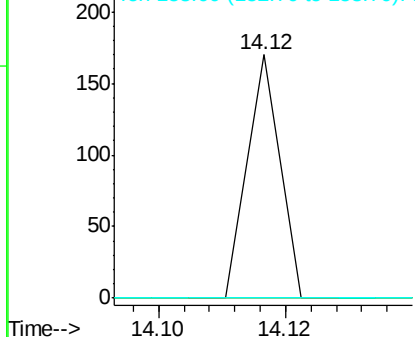


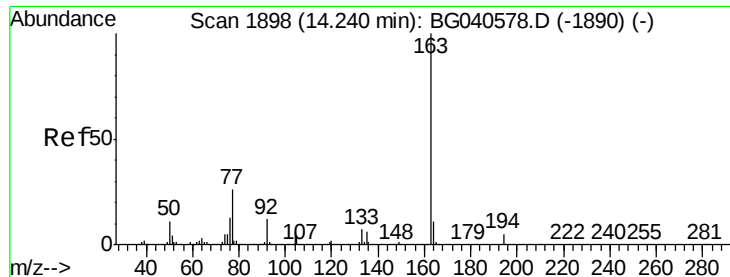
#49
Acenaphthylene
Concen: 0.004 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.40 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.2	25.8#
153	0.0	10.7	16.1#



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





#50

Dimethylphthalate

Concen: 0.006 ng

RT: 14.51 min Scan# 1944

Delta R.T. 0.27 min

Lab File: BG040601.D

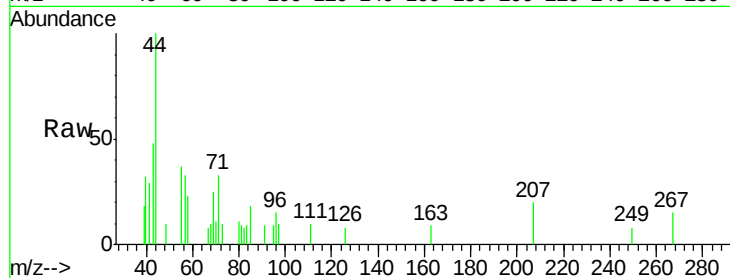
Acq: 24 Apr 2019 19:49

Instrument :

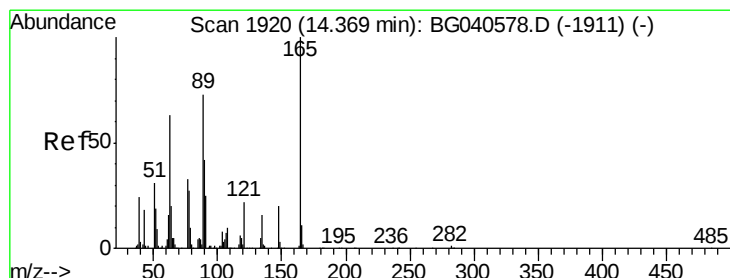
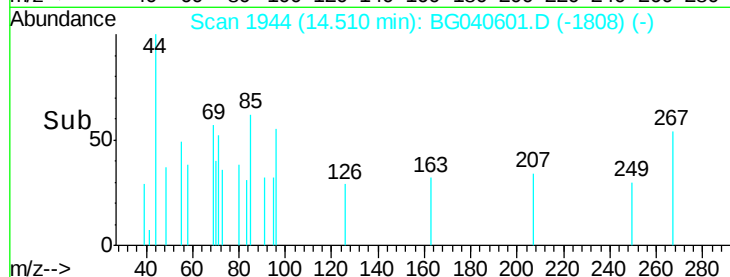
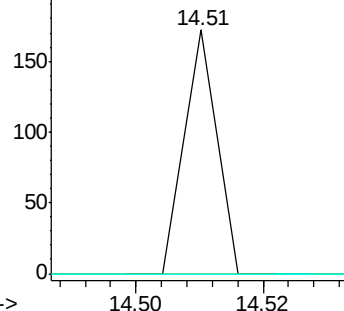
BNA_G

ClientSampleId :

Tot Ion:	163	Resp:	61
Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.8	5.8#
164	0.0	8.8	13.2#



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



#51

2,6-Dinitrotoluene

Concen: 7.519 ng

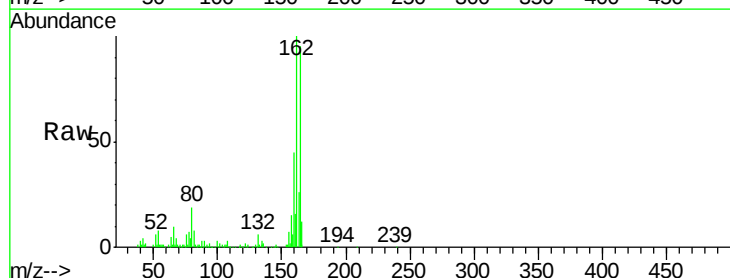
RT: 14.79 min Scan# 1991

Delta R.T. 0.42 min

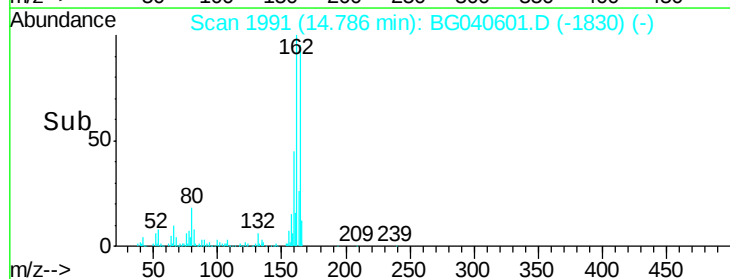
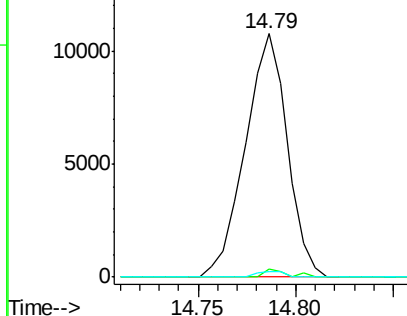
Lab File: BG040601.D

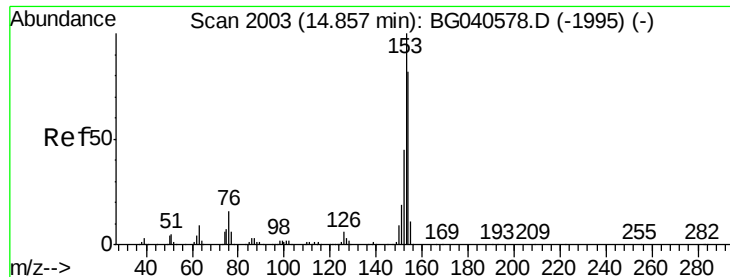
Acq: 24 Apr 2019 19:49

Tgt Ion:	165	Resp:	16021
Ion	Ratio	Lower	Upper
165	100		
63	3.5	61.0	91.4#
89	2.2	58.6	87.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#52

Acenaphthene

Concen: 0.081 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.07 min

Lab File: BG040601.D

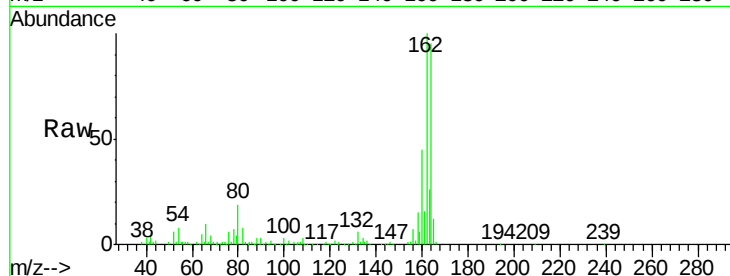
Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

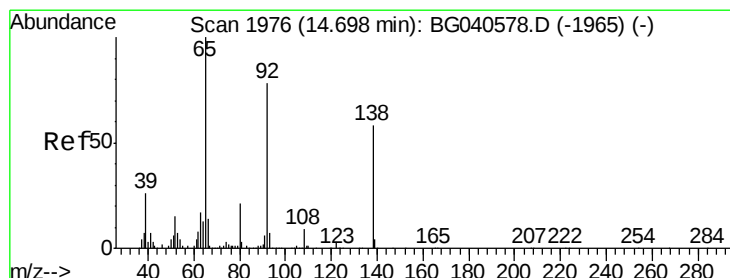
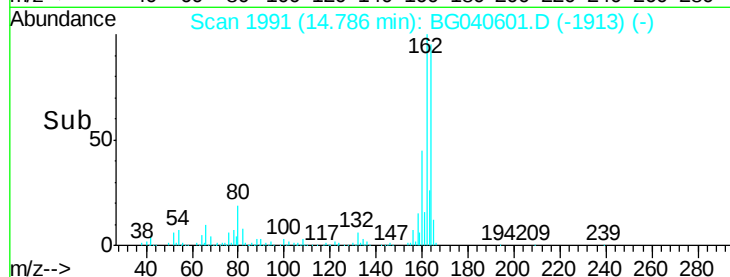
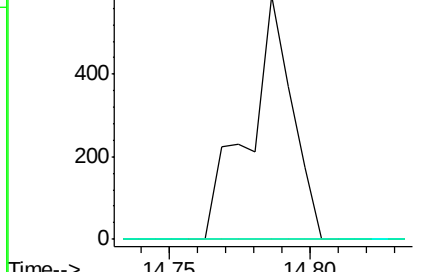
ClientSampleId :

Tot Ion:	154	Resp:	634
Ion	Ratio	Lower	Upper
154	100		
153	0.0	97.0	145.6#
152	0.0	44.1	66.1#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

14.79



#53

3-Nitroaniline

Concen: 0.025 ng

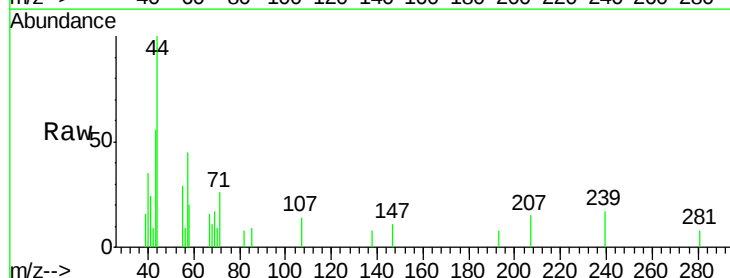
RT: 14.75 min Scan# 1984

Delta R.T. 0.05 min

Lab File: BG040601.D

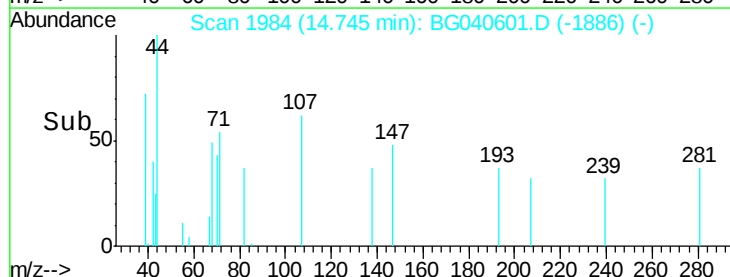
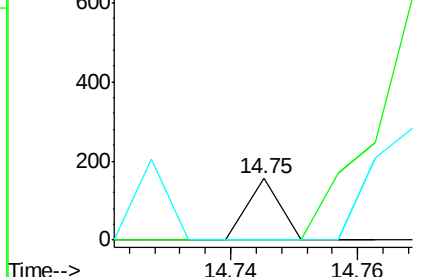
Acq: 24 Apr 2019 19:49

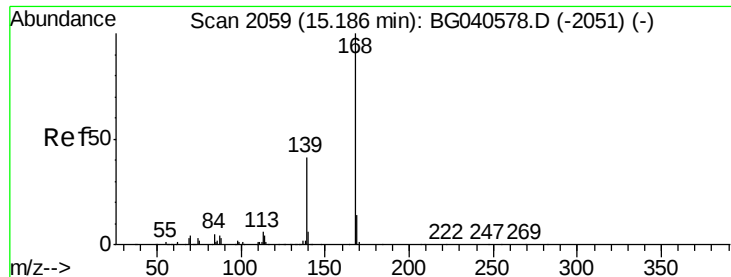
Tgt Ion:	138	Resp:	55
Ion	Ratio	Lower	Upper
138	100		
108	0.0	12.4	18.6#
92	0.0	108.6	162.8#



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

14.75





#55

Dibenzofuran

Concen: 0.005 ng

RT: 15.54 min Scan# 2119

Delta R.T. 0.35 min

Lab File: BG040601.D

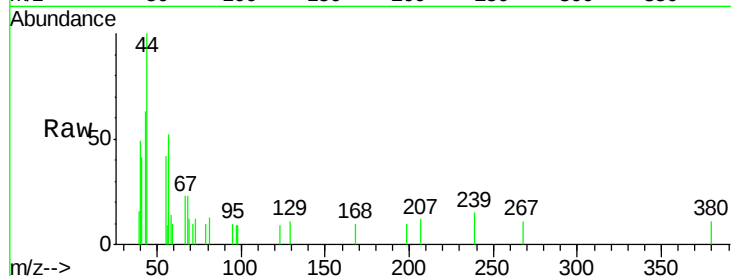
Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	0.0	33.0	49.4#
169	0.0	11.0	16.4#

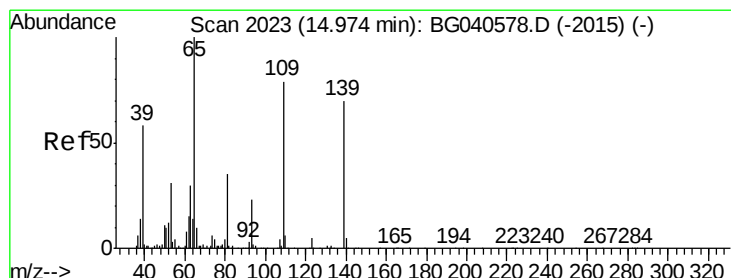
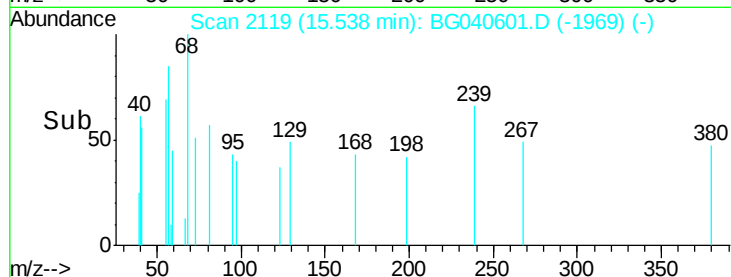
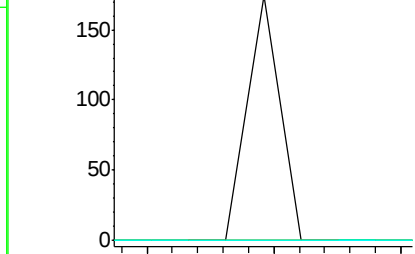


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

15.54



#56

4-Nitrophenol

Concen: 0.029 ng

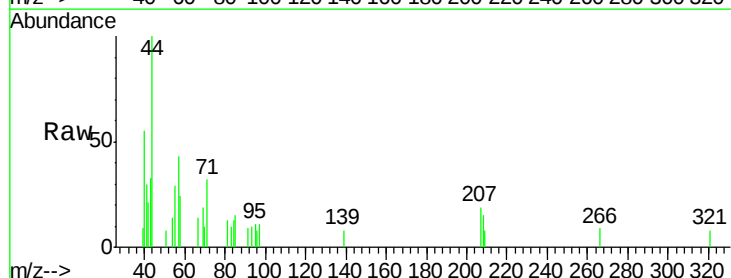
RT: 14.98 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	93.8	133.8#
65	0.0	122.7	162.7#

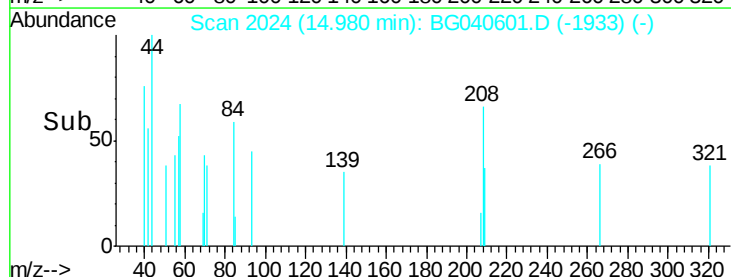
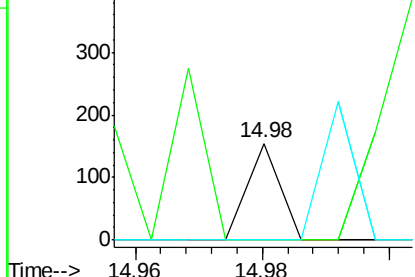


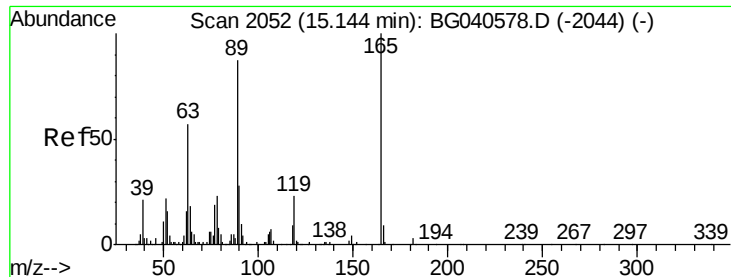
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

14.98





#57

2,4-Dinitrotoluene

Concen: 5.533 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.36 min

Lab File: BG040601.D

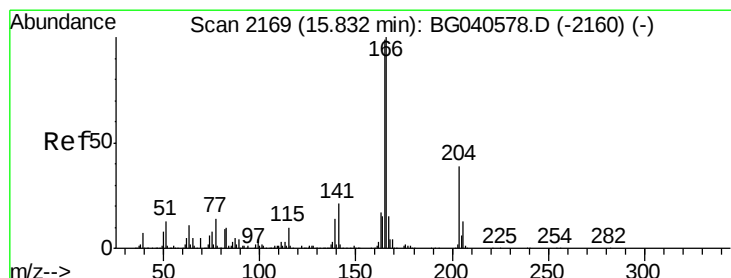
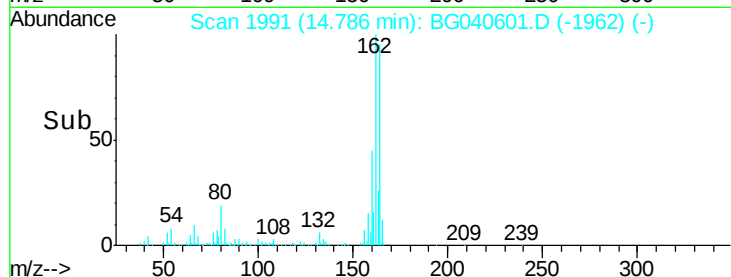
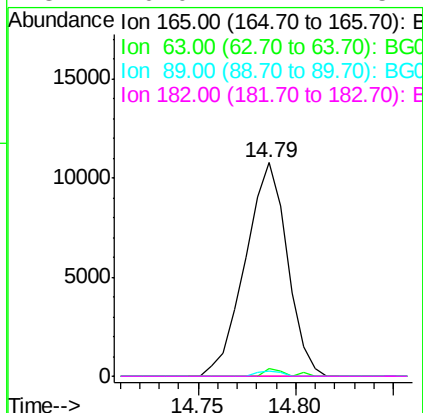
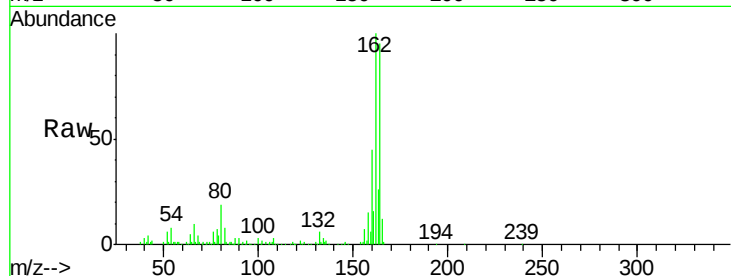
Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	16021
Ion Ratio	Lower	Upper
165	100	
63	3.5	45.8 68.8#
89	2.2	69.4 104.2#
182	0.0	2.2 3.4#



#58

Fluorene

Concen: 0.549 ng

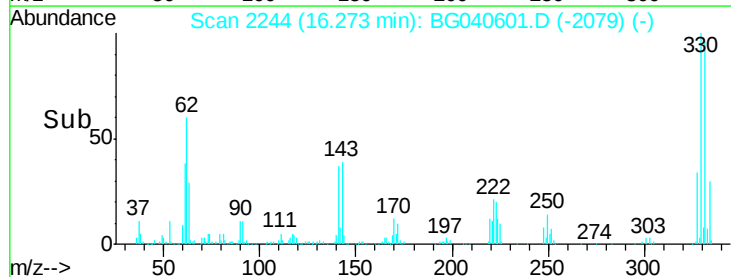
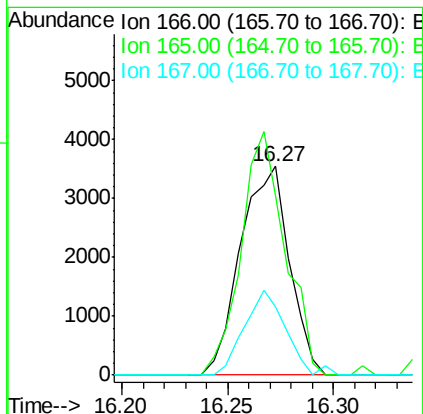
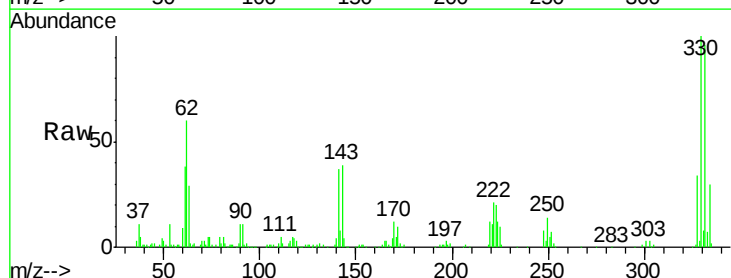
RT: 16.27 min Scan# 2244

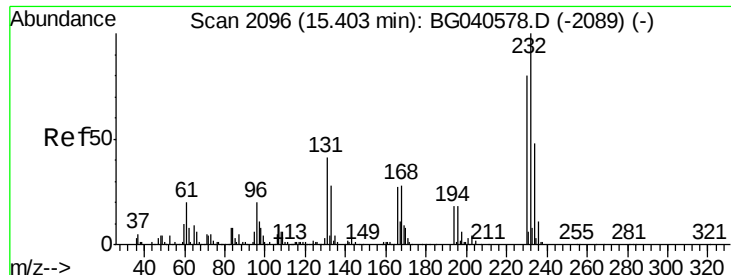
Delta R.T. 0.44 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Tgt Ion:166	Resp:	5694
Ion Ratio	Lower	Upper
166	100	
165	86.2	79.6 119.4
167	32.8	12.2 18.2#

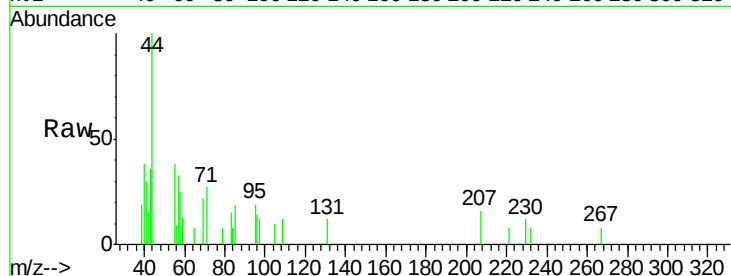




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.018 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BG040601.D
 Acq: 24 Apr 2019 19:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	310.2	33.0	49.4#
130	0.0	2.0	3.0#
166	0.0	22.1	33.1#

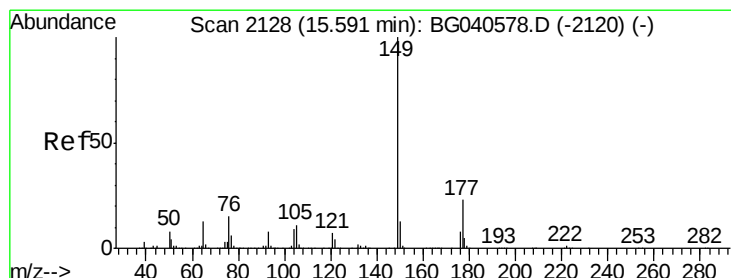
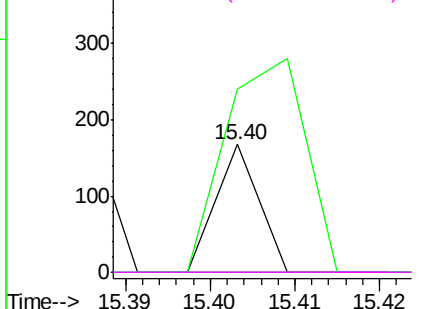
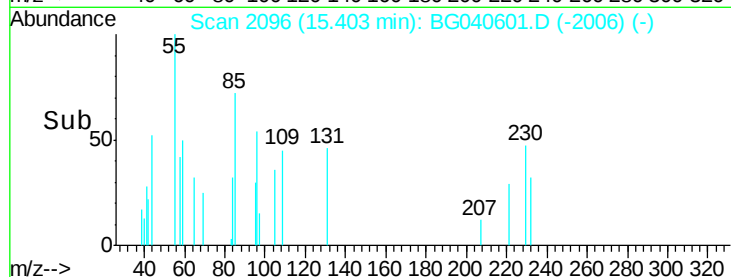


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

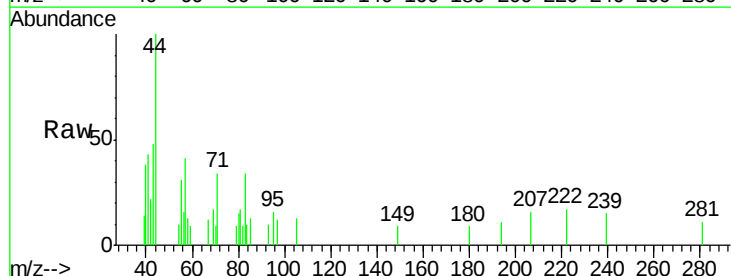
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 0.005 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.14 min
 Lab File: BG040601.D
 Acq: 24 Apr 2019 19:49

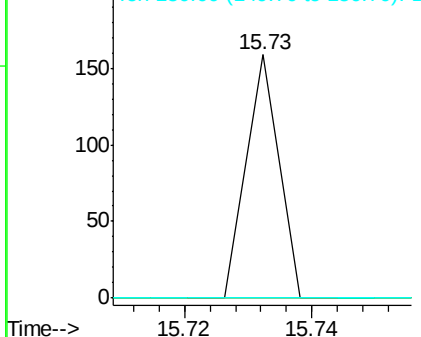
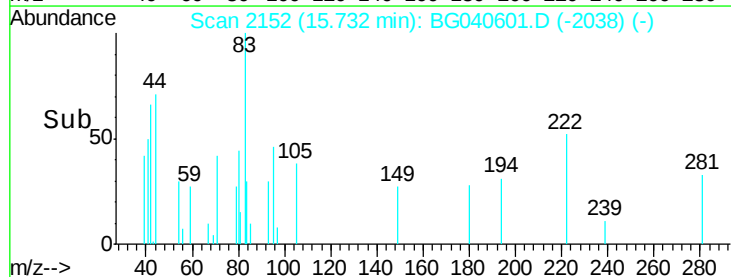
Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.5	27.7#
150	0.0	10.2	15.4#

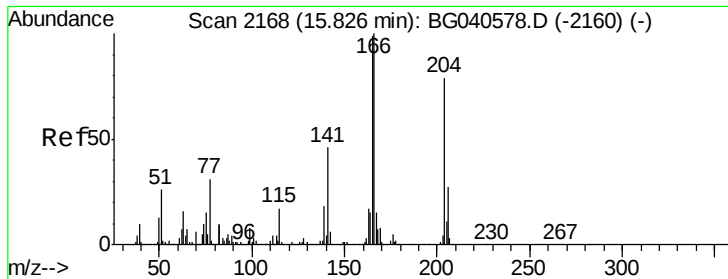


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 0.011 ng

RT: 16.27 min Scan# 2243

Delta R.T. 0.44 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

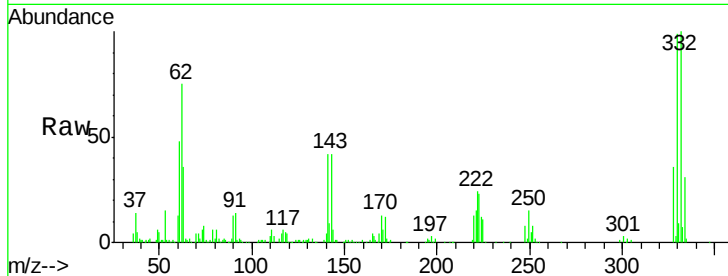
Tot Ion:204 Resp: 69

Ion Ratio Lower Upper

204 100

206 0.0 27.4 41.2#

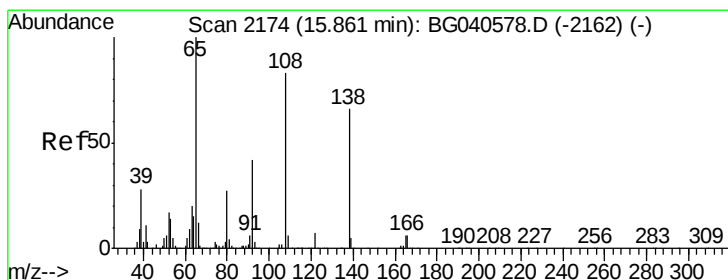
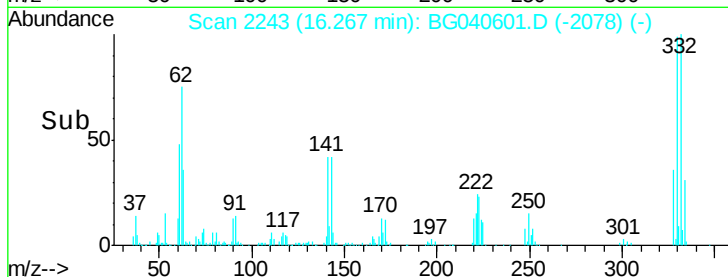
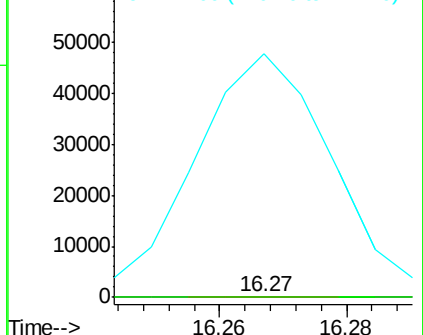
141 24504.6 46.0 69.0#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 0.027 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.07 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

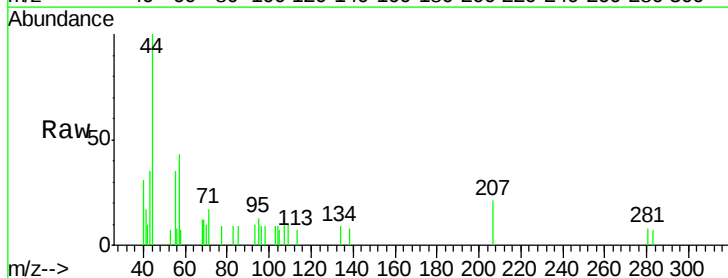
Tgt Ion:138 Resp: 65

Ion Ratio Lower Upper

138 100

92 0.0 43.9 83.9#

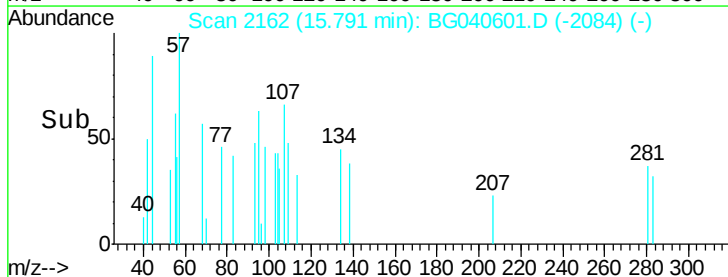
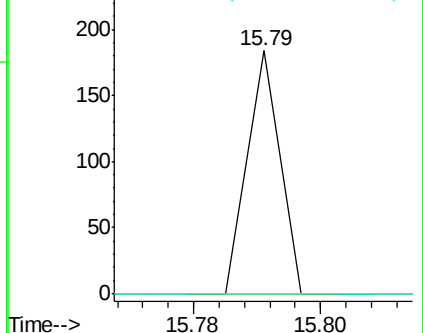
108 125.5 106.5 146.5

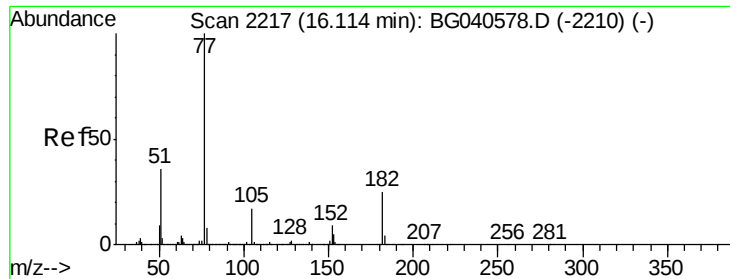


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 0.006 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 71

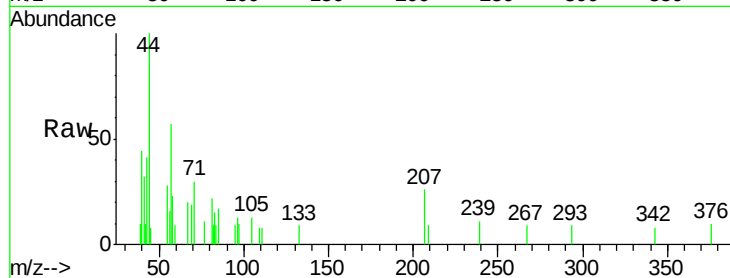
Ion Ratio Lower Upper

77 100

182 0.0 5.0 45.0#

105 120.8 0.0 37.6#

51 0.0 16.3 56.3#

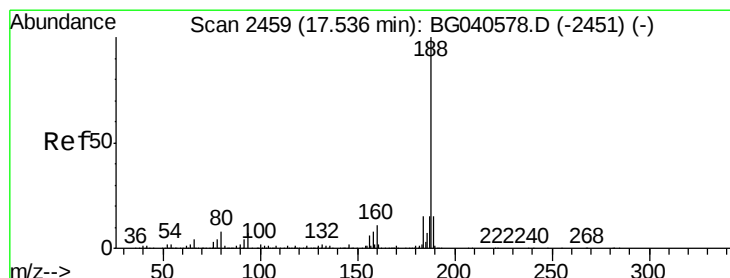
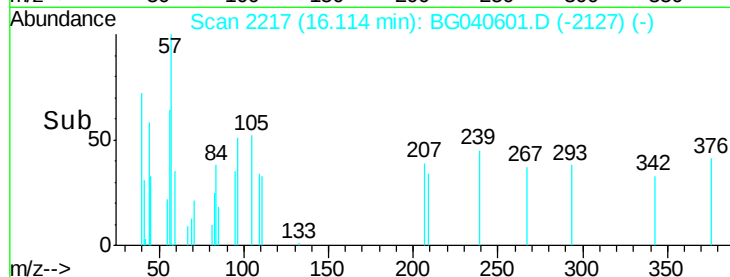
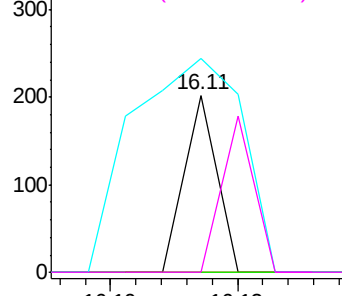


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

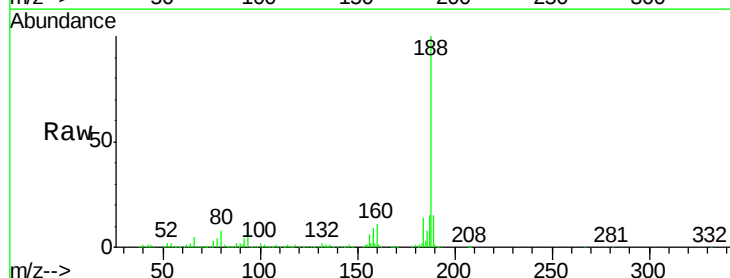
Tgt Ion: 188 Resp: 339793

Ion Ratio Lower Upper

188 100

94 7.4 5.6 8.4

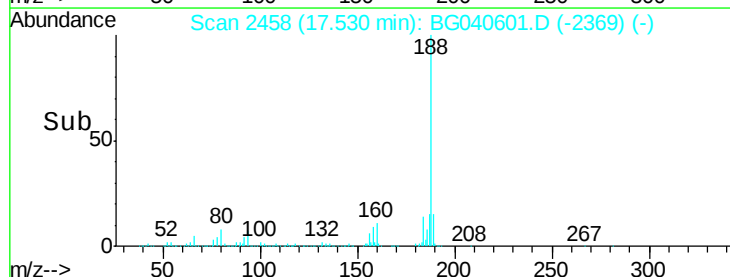
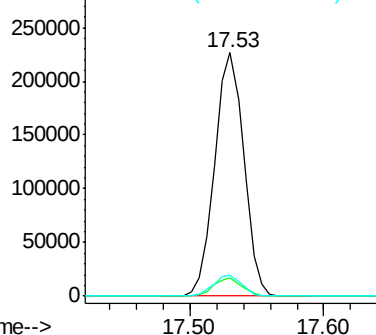
80 8.4 6.4 9.6

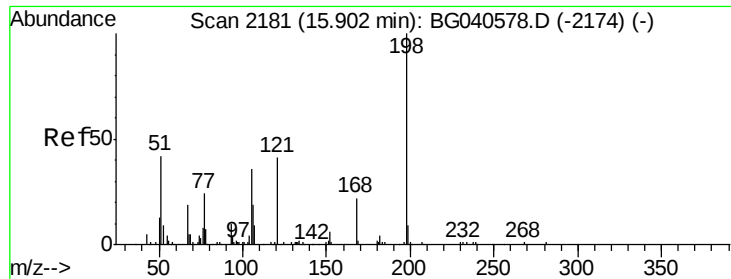


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 7.132 ng

RT: 15.54 min Scan# 2119

Delta R.T. -0.36 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

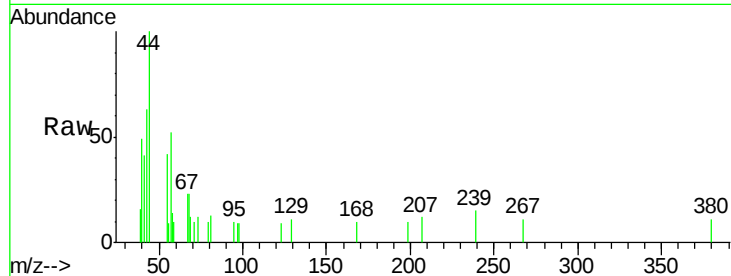
Tot Ion:198 Resp: 60

Ion Ratio Lower Upper

198 100

51 0.0 35.9 75.9#

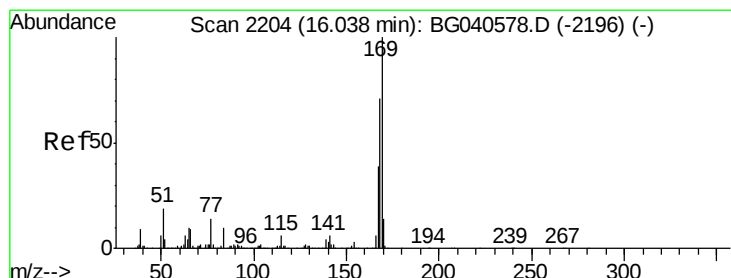
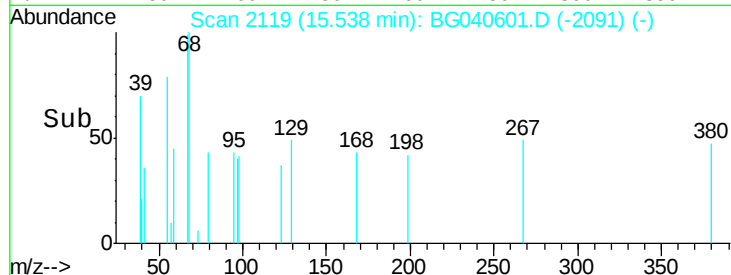
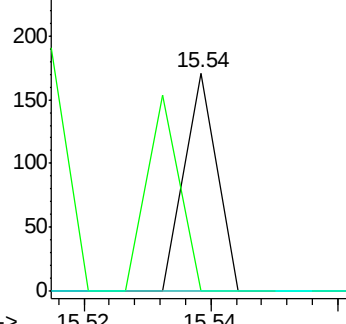
105 0.0 21.2 61.2#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.755 ng

RT: 16.27 min Scan# 2243

Delta R.T. 0.23 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

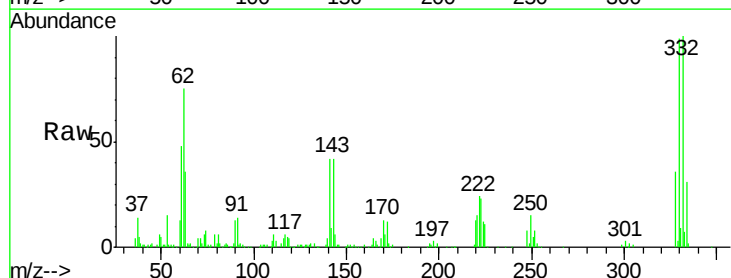
Tgt Ion:169 Resp: 7546

Ion Ratio Lower Upper

169 100

168 8.1 56.8 85.2#

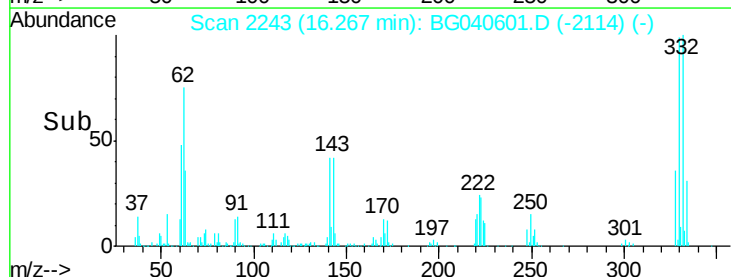
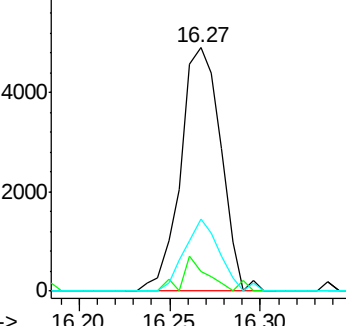
167 29.6 31.4 47.0#

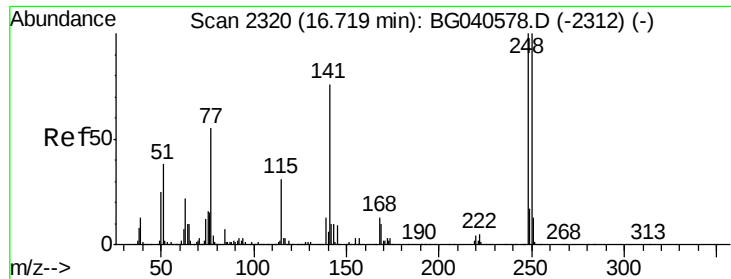


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 3.252 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.45 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

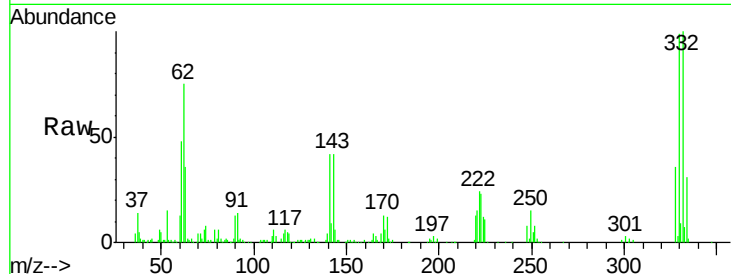
Tot Ion:248 Resp: 13765

Ion Ratio Lower Upper

248 100

250 250.1 79.8 119.6#

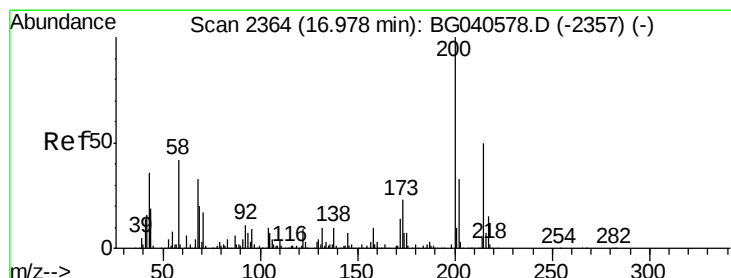
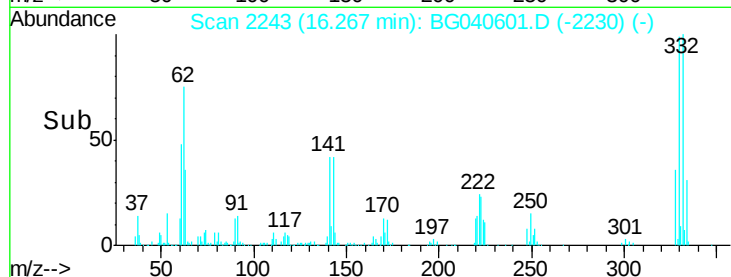
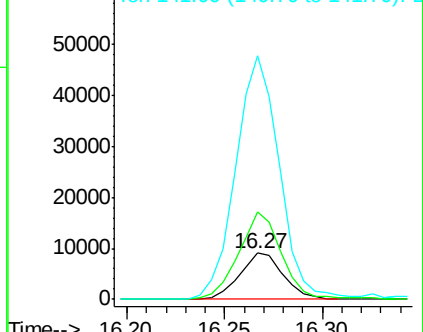
141 525.6 60.8 91.2#



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



#69

Atrazine

Concen: 0.019 ng

RT: 16.65 min Scan# 2309

Delta R.T. -0.32 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

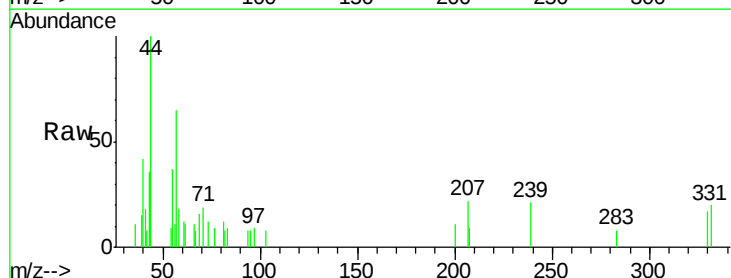
Tgt Ion:200 Resp: 76

Ion Ratio Lower Upper

200 100

173 0.0 2.8 42.8#

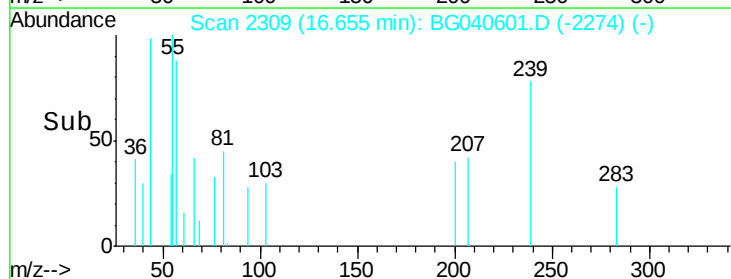
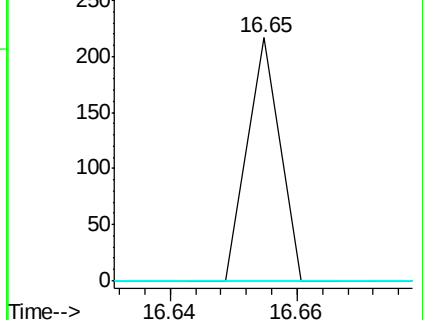
215 0.0 30.2 70.2#

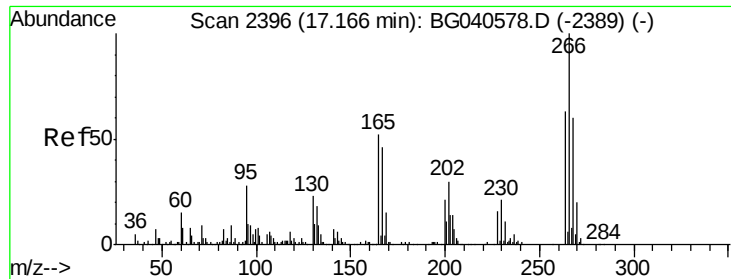


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 0.077 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

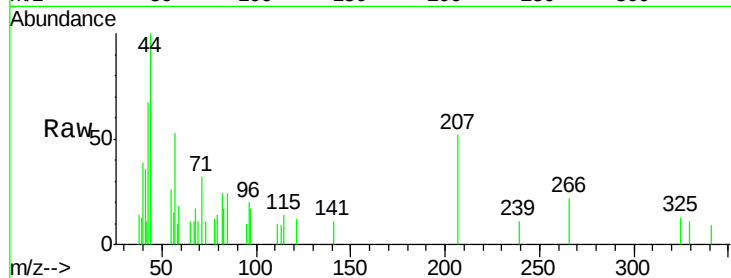
Tot Ion:266 Resp: 197

Ion Ratio Lower Upper

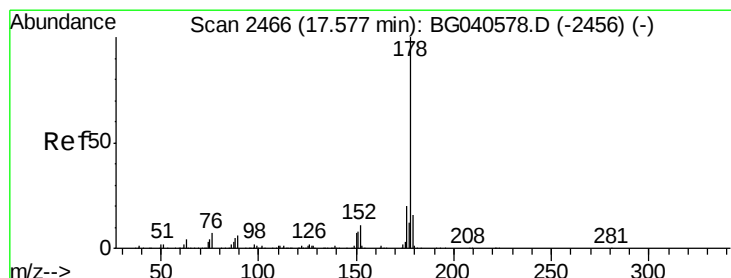
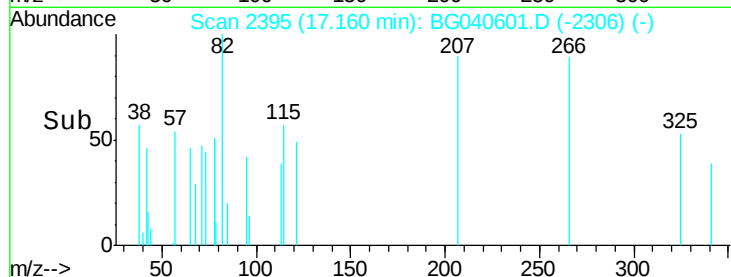
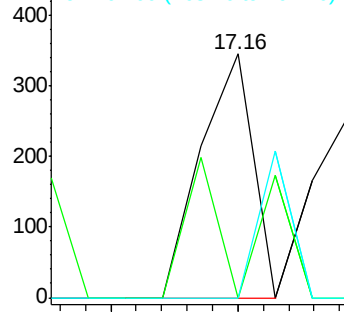
266 100

268 0.0 52.3 78.5#

264 0.0 50.0 75.0#



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



#71

Phenanthrene

Concen: 0.003 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.05 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

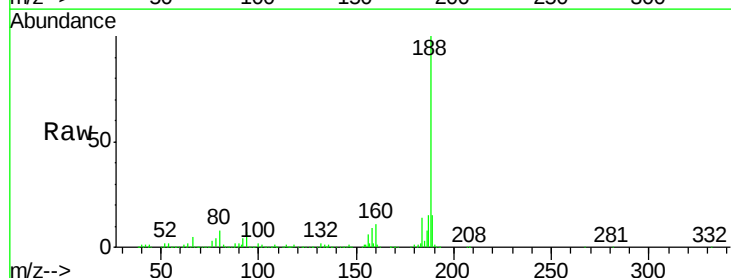
Tgt Ion:178 Resp: 54

Ion Ratio Lower Upper

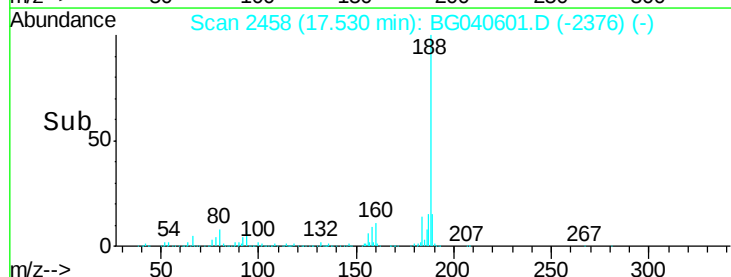
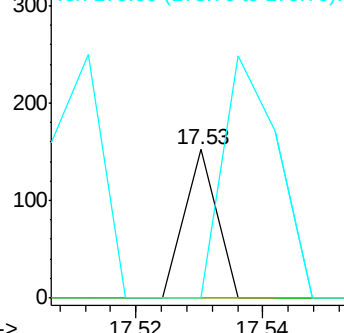
178 100

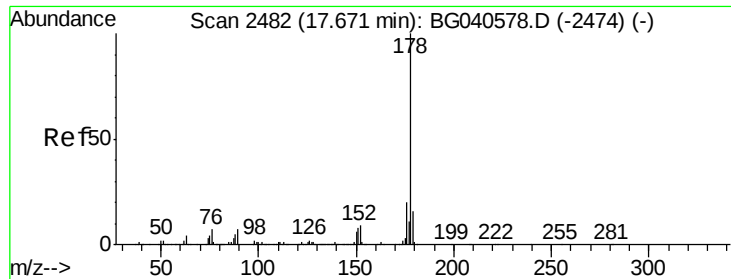
176 0.0 15.8 23.6#

179 0.0 12.6 18.8#



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





#72

Anthracene

Concen: 0.003 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.14 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

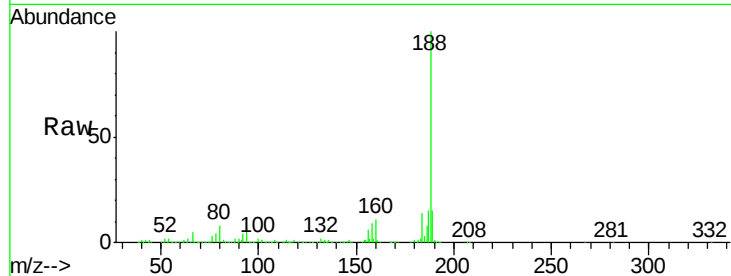
Tot Ion:178 Resp: 54

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

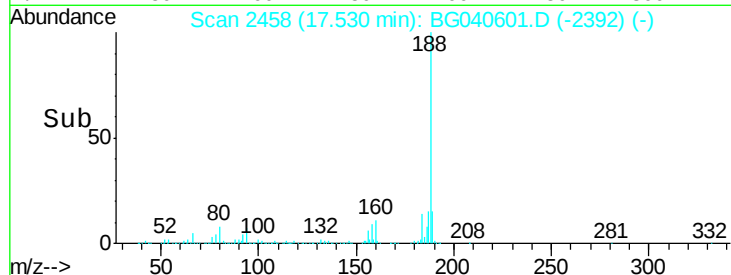
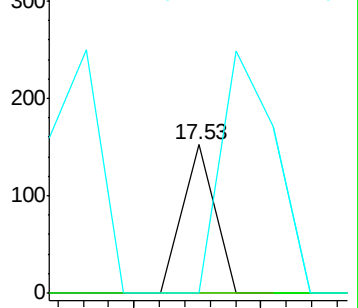
179 0.0 12.9 19.3#



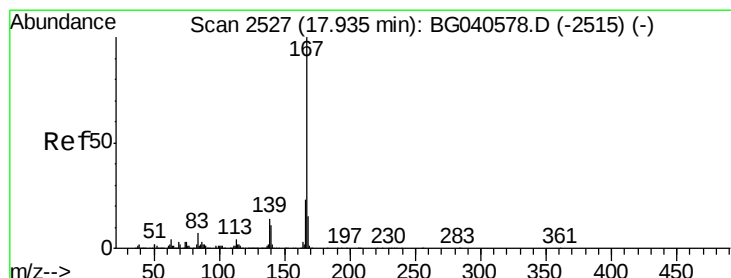
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 0.004 ng

RT: 17.87 min Scan# 2515

Delta R.T. -0.07 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

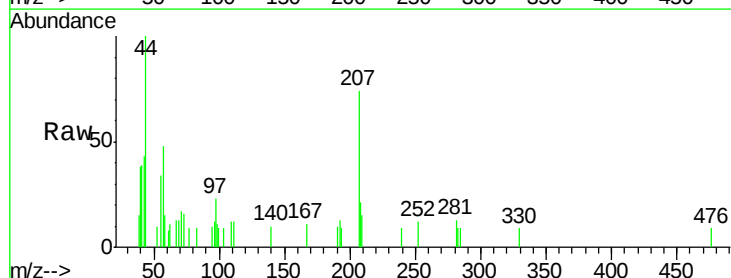
Tgt Ion:167 Resp: 71

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

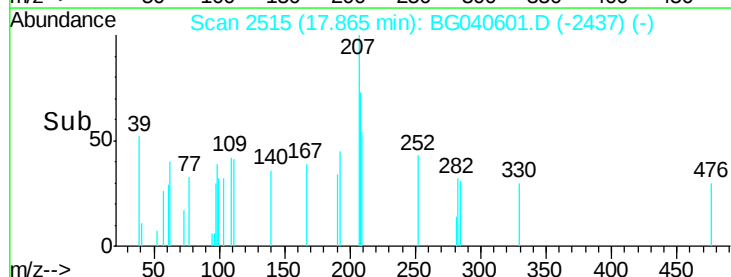
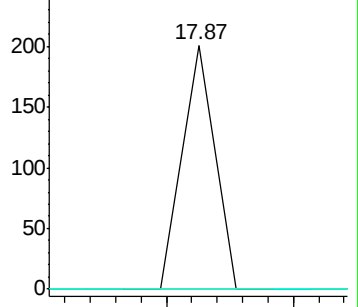
139 0.0 11.4 17.0#



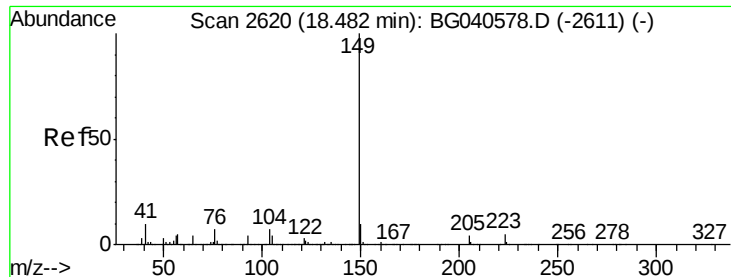
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 0.007 ng

RT: 18.48 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampled :

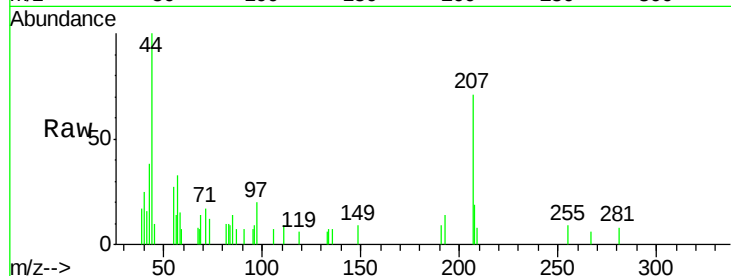
Tot Ion:149 Resp: 143

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

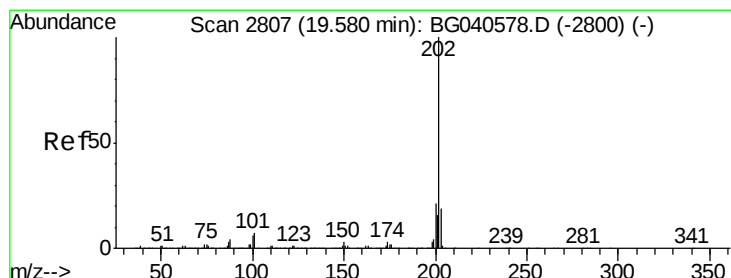
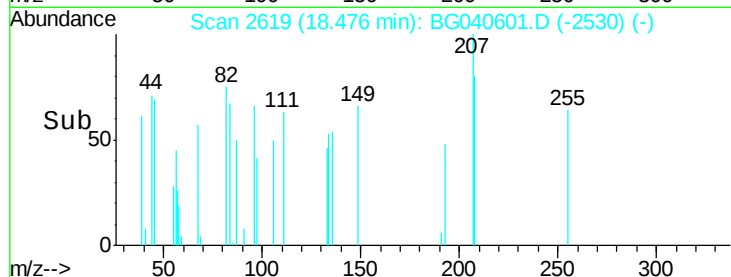
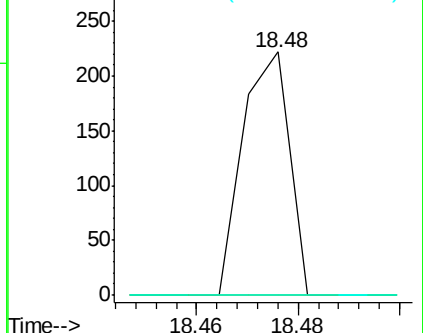
104 0.0 5.4 8.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 0.002 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.29 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

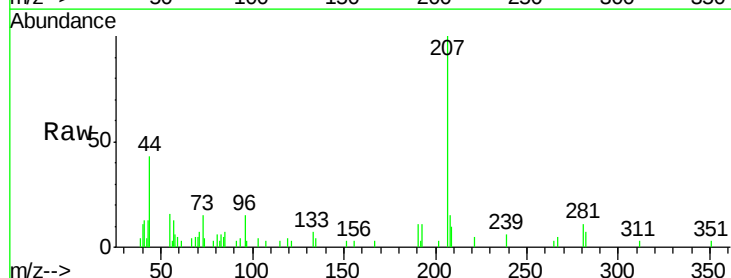
Tgt Ion:202 Resp: 57

Ion Ratio Lower Upper

202 100

101 0.0 0.0 27.5

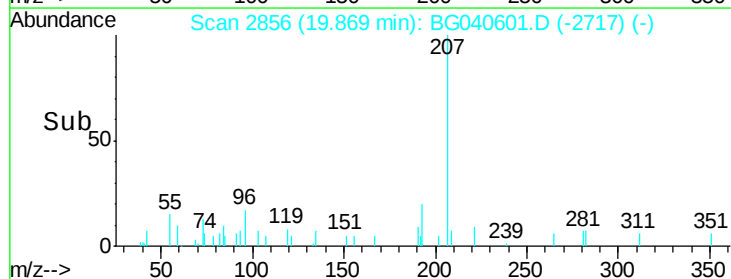
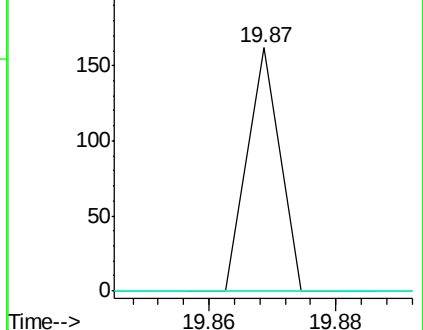
203 0.0 0.0 39.3

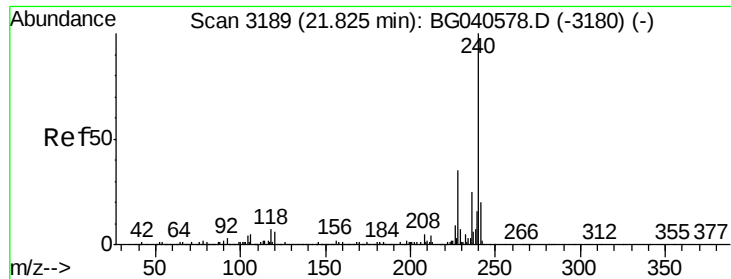


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

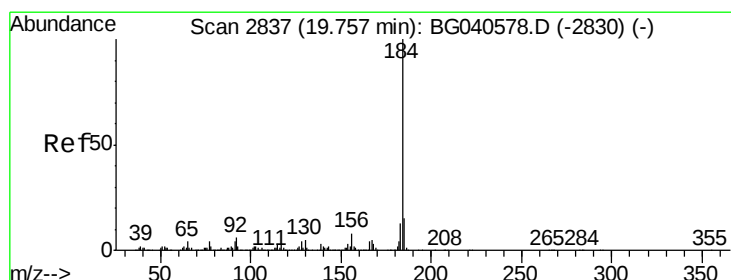
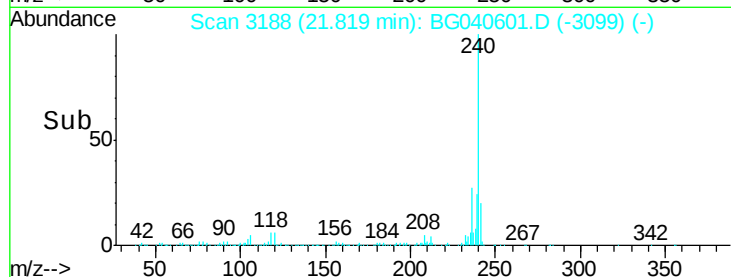
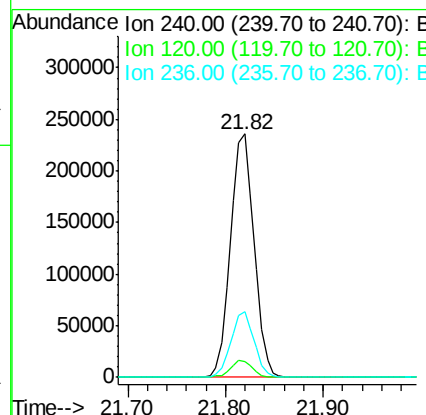
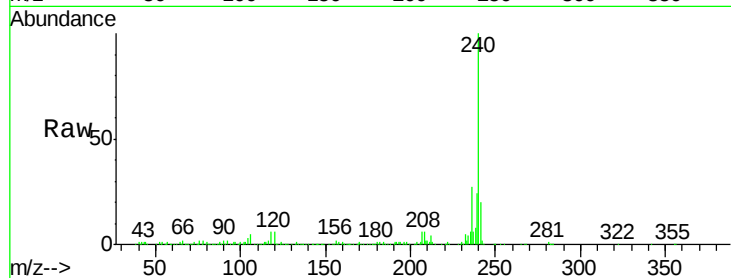




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

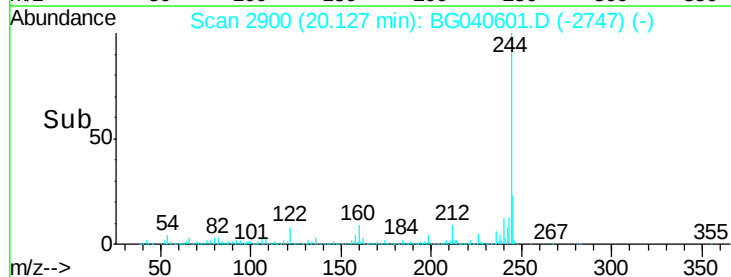
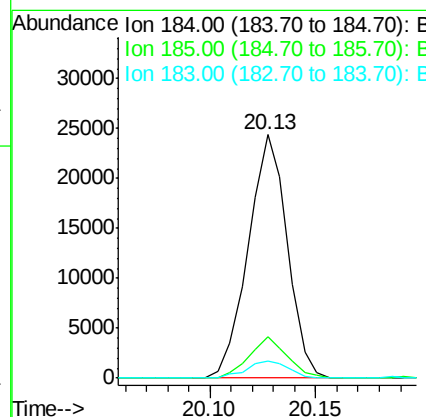
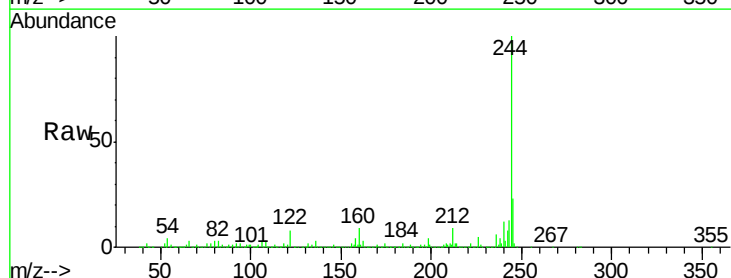
Instrument :
BNA_G
ClientSampleId :

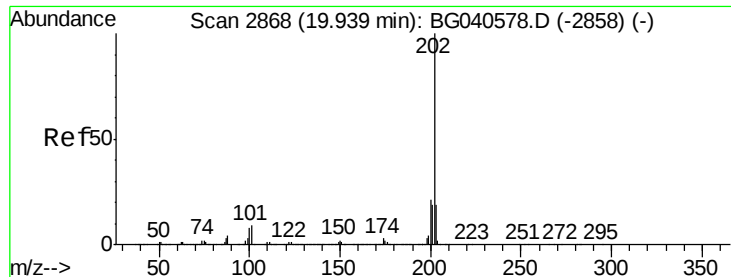
Tot Ion:240 Resp: 395064
Ion Ratio Lower Upper
240 100
120 6.2 5.0 7.6
236 26.9 20.3 30.5



#77
Benzidine
Concen: 2.891 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.37 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Tgt Ion:184 Resp: 31277
Ion Ratio Lower Upper
184 100
185 16.9 11.8 17.8
183 7.1 10.2 15.2#





#78

Pvrene

Concen: 0.299 ng

RT: 20.13 min Scan# 2900

Delta R.T. 0.19 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

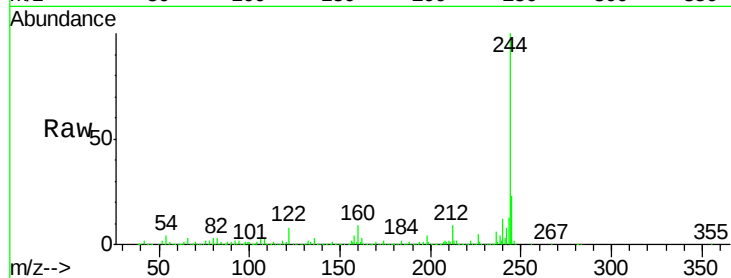
Tot Ion:202 Resp: 7398

Ion Ratio Lower Upper

202 100

200 48.7 17.2 25.8#

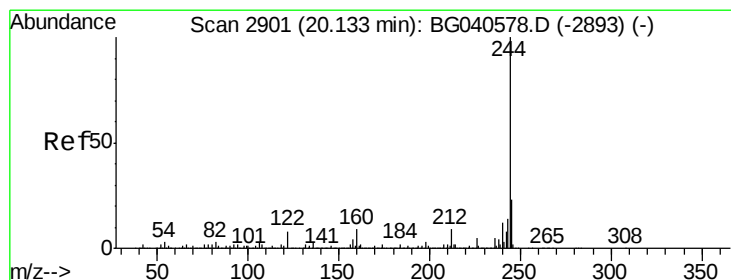
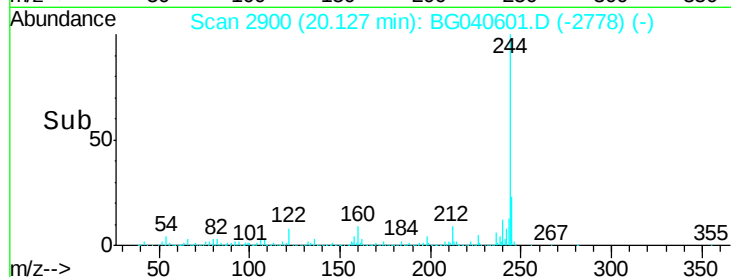
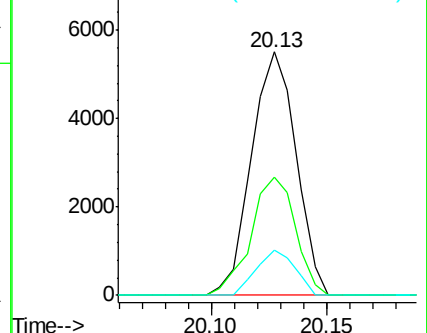
203 18.6 15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 87.074 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

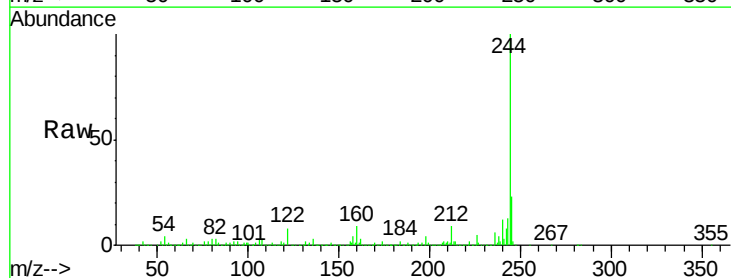
Tgt Ion:244 Resp: 1552741

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

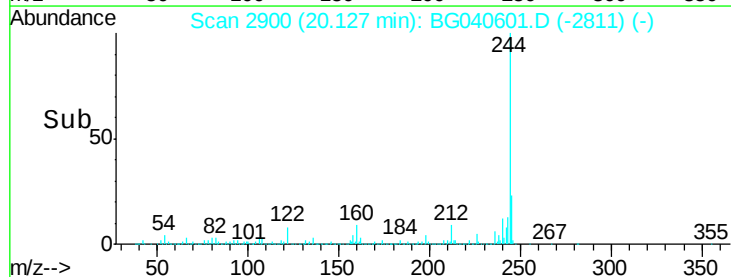
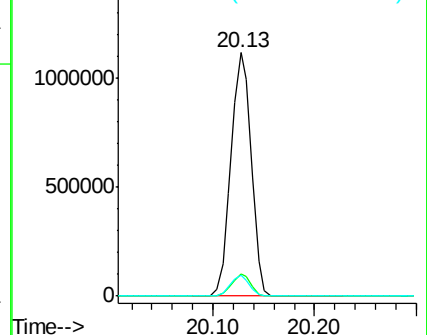
122 8.5 6.6 10.0

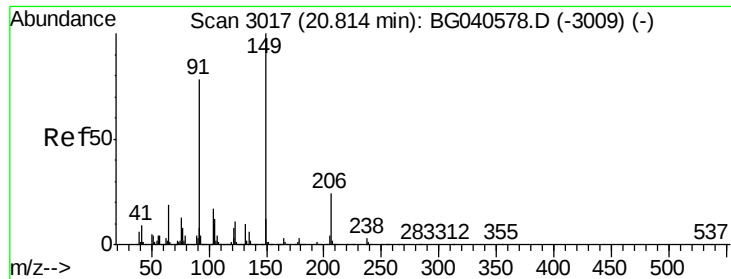


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

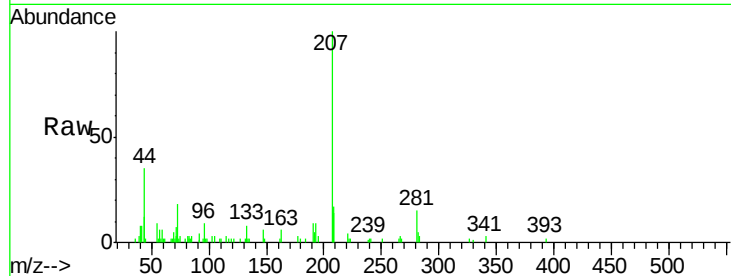




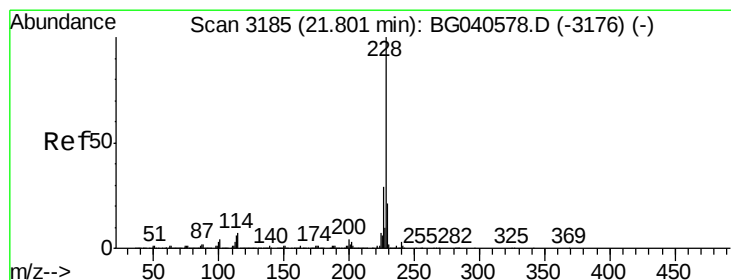
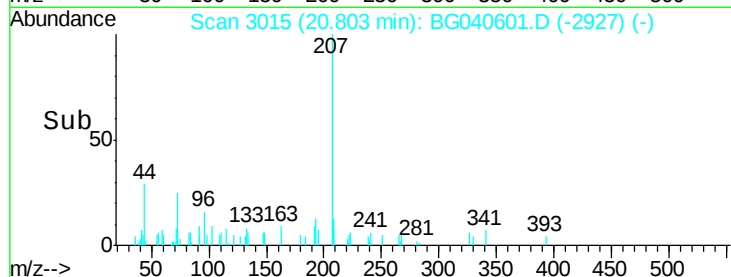
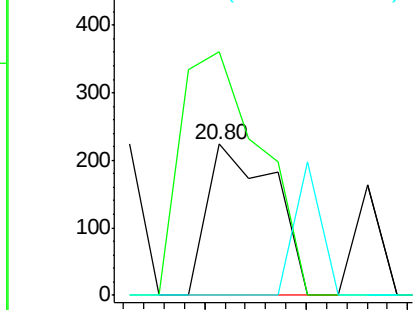
#80
Butylbenzylphthalate
Concen: 0.021 ng
RT: 20.80 min Scan# 3015
Delta R.T. -0.01 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 205
Ion Ratio Lower Upper
149 100
91 161.2 62.6 93.8#
206 0.0 19.4 29.2#

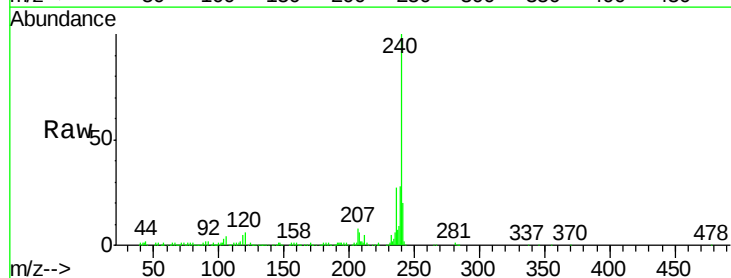


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

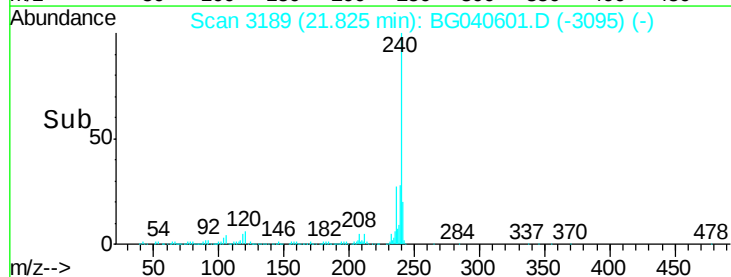
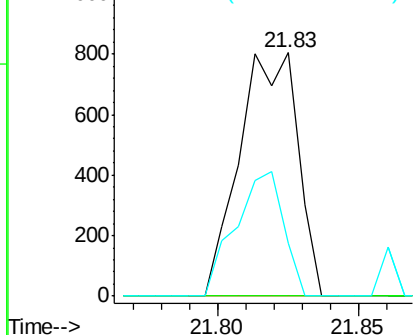


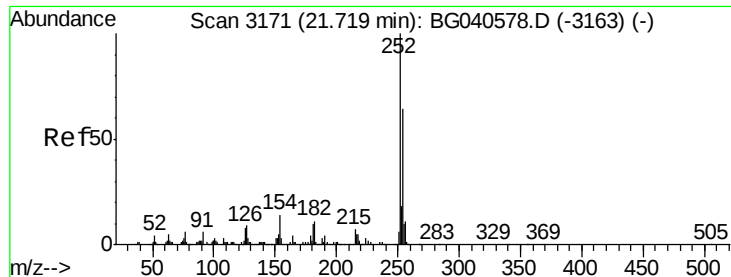
#81
Benzo(a)anthracene
Concen: 0.046 ng
RT: 21.83 min Scan# 3189
Delta R.T. 0.02 min
Lab File: BG040601.D
Acq: 24 Apr 2019 19:49

Tgt Ion:228 Resp: 1153
Ion Ratio Lower Upper
228 100
226 0.0 23.1 34.7#
229 21.6 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

3,3'-Dichlorobenzidine

Concen: 0.007 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG040601.D

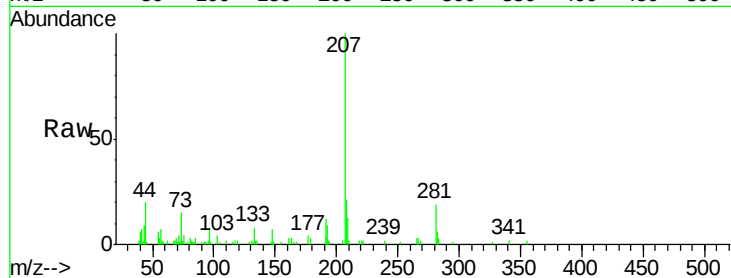
Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

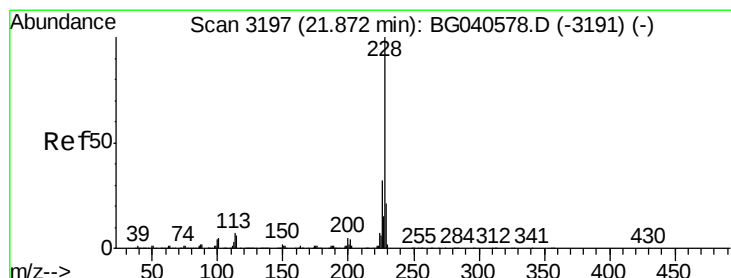
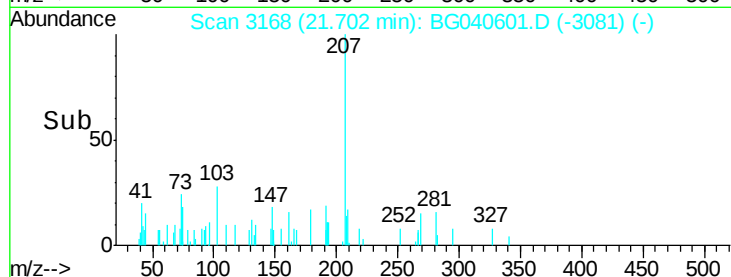
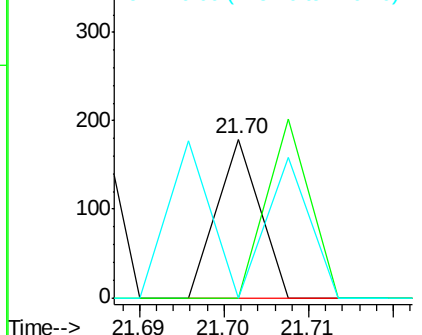
Tot Ion:252	Resp:	63
Ion Ratio	Lower	Upper
252	100	
254	0.0	51.2 76.8#
126	0.0	6.6 10.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 0.049 ng

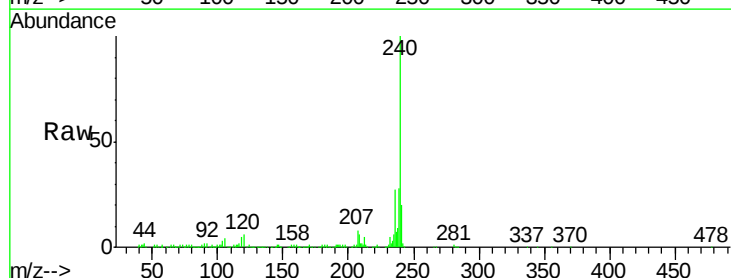
RT: 21.83 min Scan# 3189

Delta R.T. -0.05 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

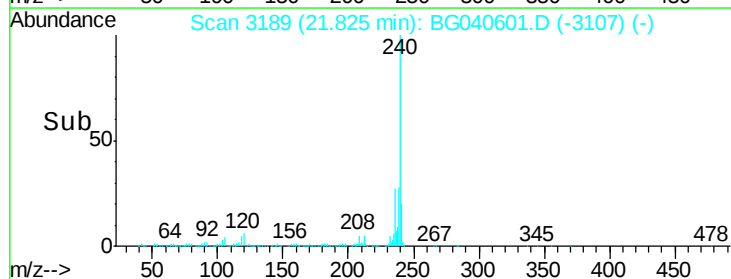
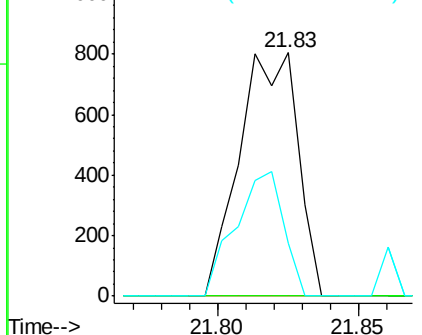
Tgt Ion:228	Resp:	1153
Ion Ratio	Lower	Upper
228	100	
226	0.0	25.5 38.3#
229	21.6	16.8 25.2

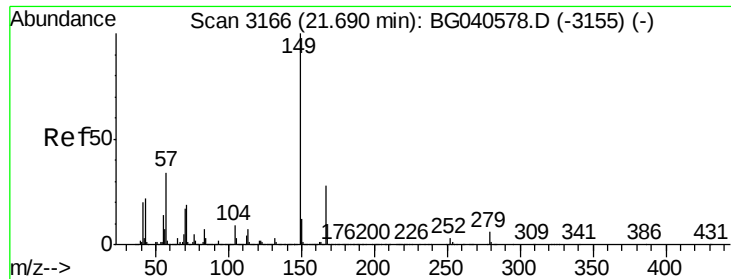


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.026 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

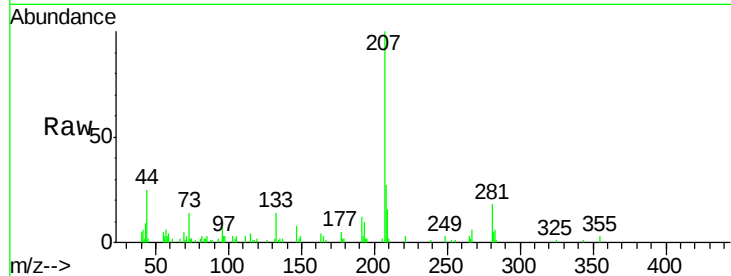
Tot Ion:149 Resp: 365

Ion Ratio Lower Upper

149 100

167 47.1 22.4 33.6#

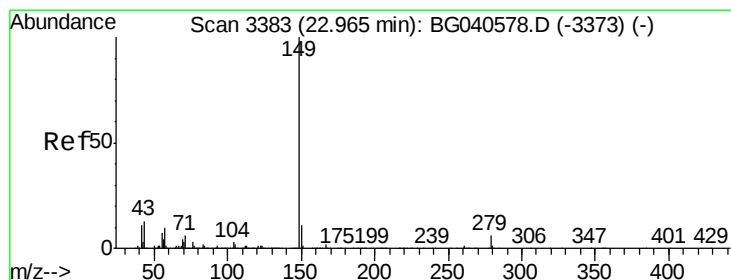
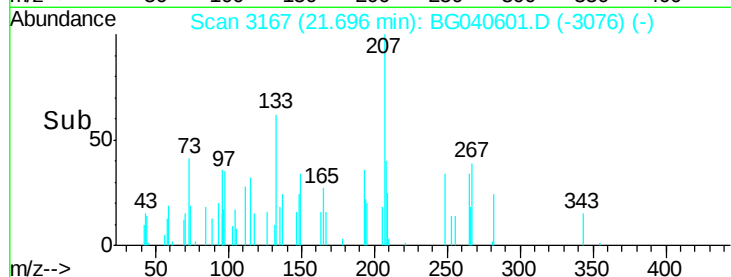
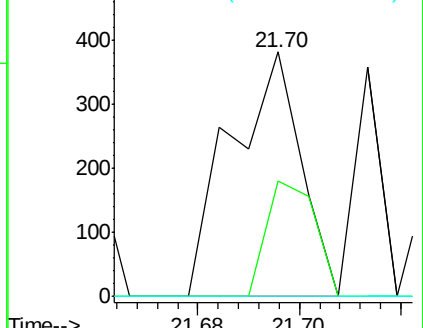
279 0.0 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.010 ng

RT: 22.96 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

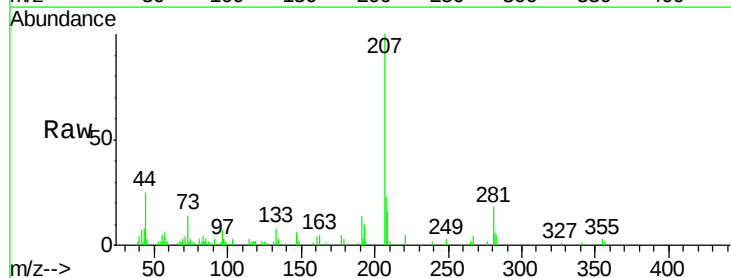
Tgt Ion:149 Resp: 239

Ion Ratio Lower Upper

149 100

167 27.2 1.4 2.2#

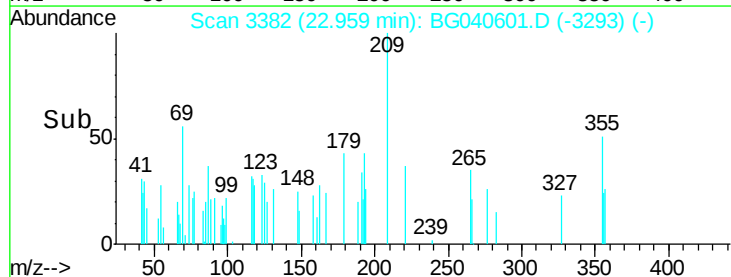
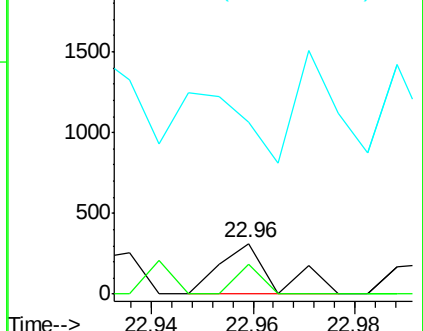
43 156.5 10.2 15.2#

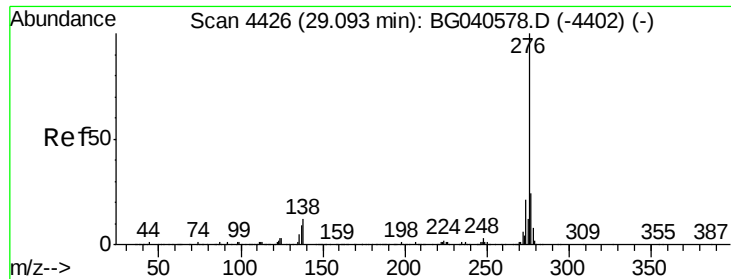


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

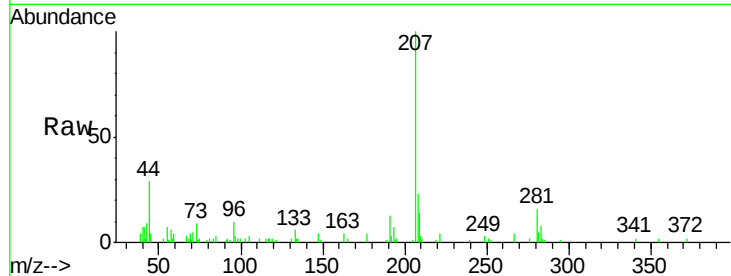




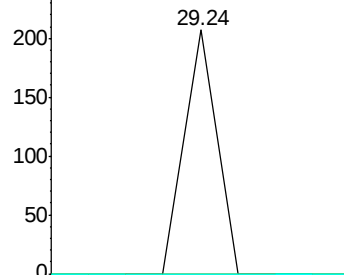
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.003 ng
 RT: 29.24 min Scan# 4451
 Delta R.T. 0.15 min
 Lab File: BG040601.D
 Acq: 24 Apr 2019 19:49

Instrument :
 BNA_G
 ClientSampleId :

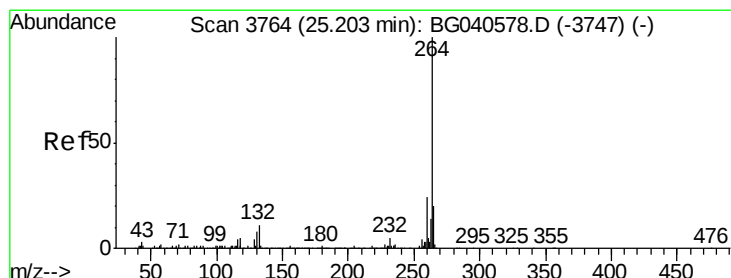
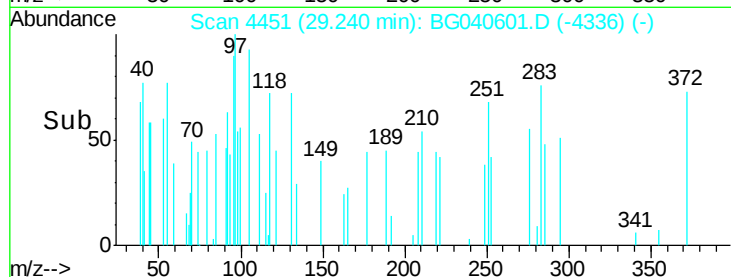
Tot Ion:276 Resp: 73
 Ion Ratio Lower Upper
 276 100
 138 0.0 9.8 14.6#
 277 0.0 17.3 25.9#



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

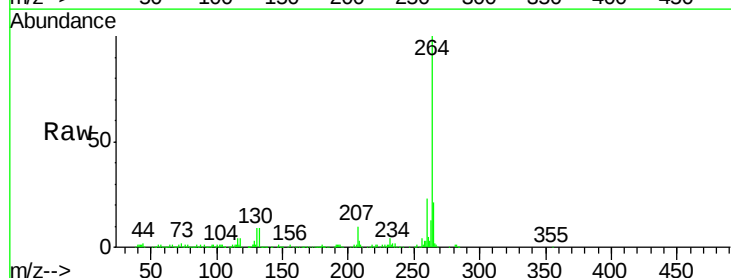


Time-->

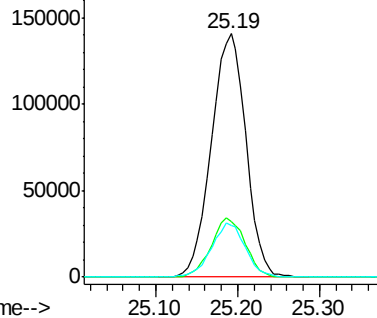


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3762
 Delta R.T. -0.01 min
 Lab File: BG040601.D
 Acq: 24 Apr 2019 19:49

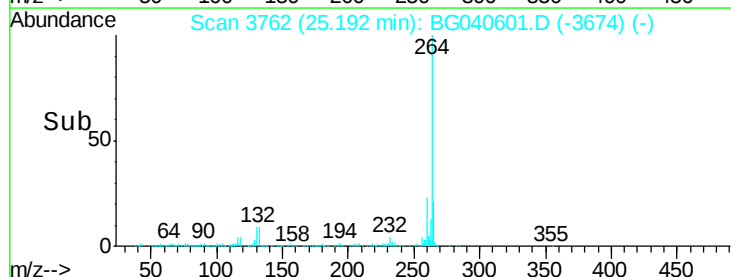
Tgt Ion:264 Resp: 413315
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.4 16.6 25.0

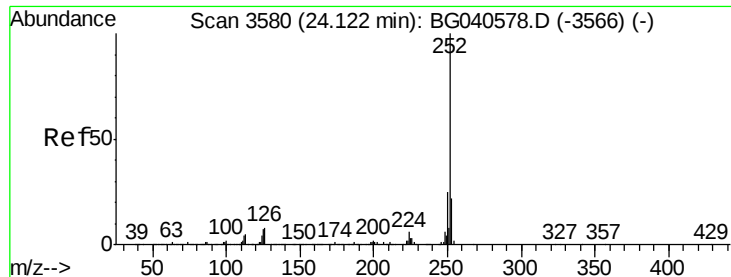


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->





#88

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 24.10 min Scan# 3577

Delta R.T. -0.02 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

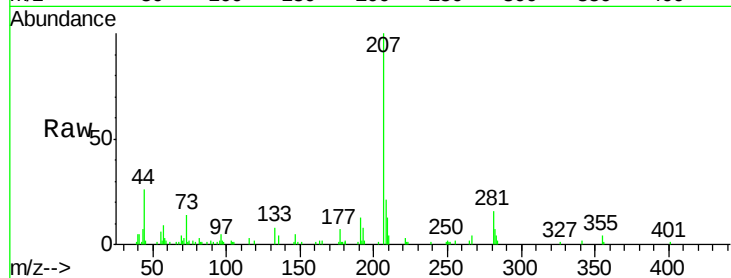
Tot Ion:252 Resp: 56

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

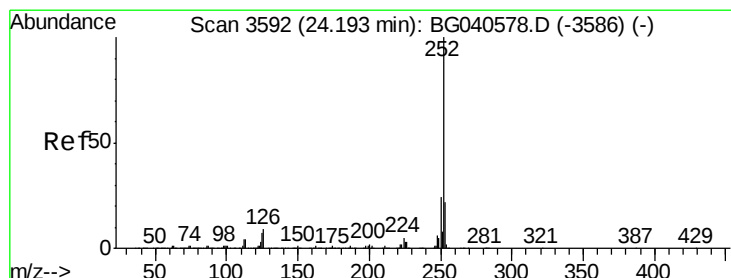
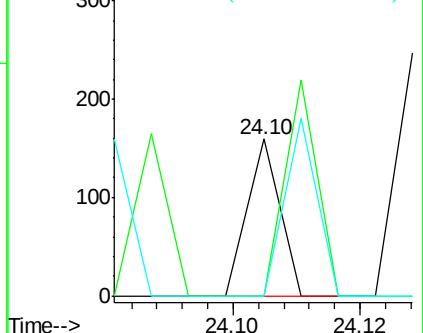
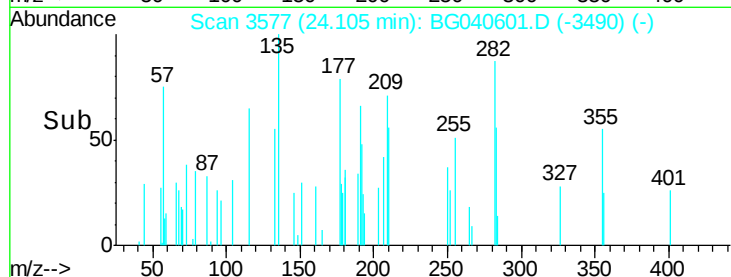
125 0.0 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 24.19 min Scan# 3591

Delta R.T. -0.01 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

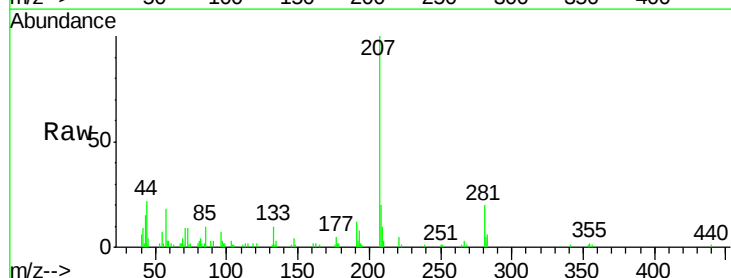
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

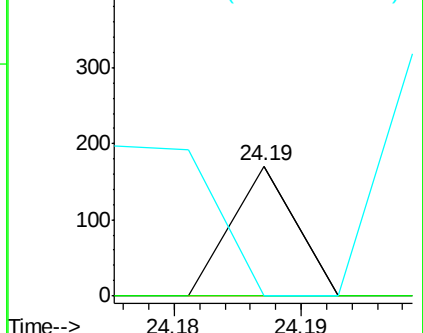
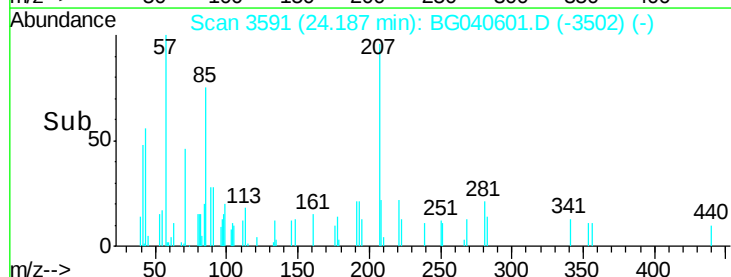
125 0.0 5.5 8.3#

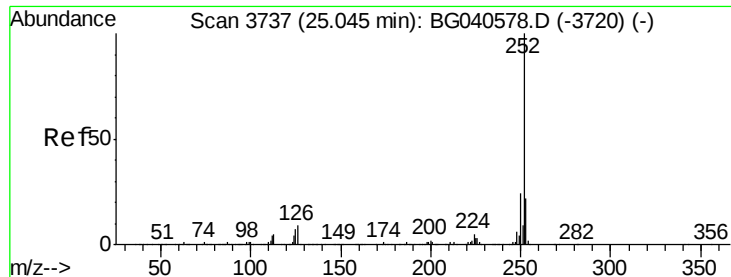


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.005 ng

RT: 25.04 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampled :

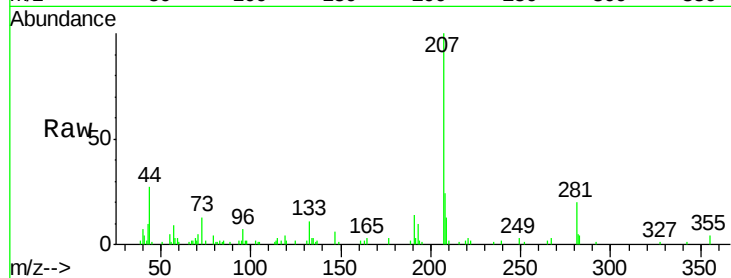
Tot Ion:252 Resp: 124

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

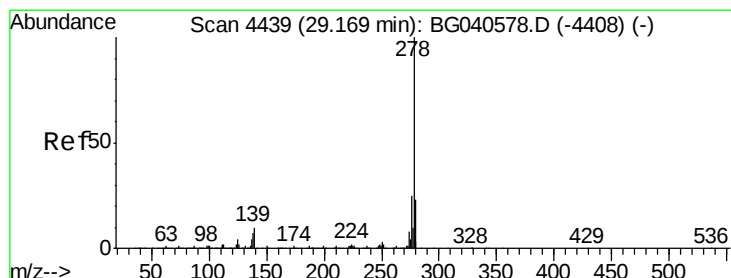
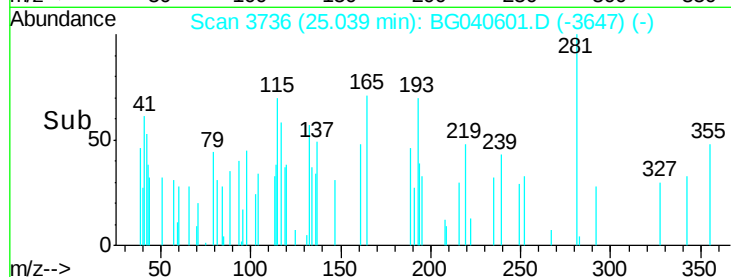
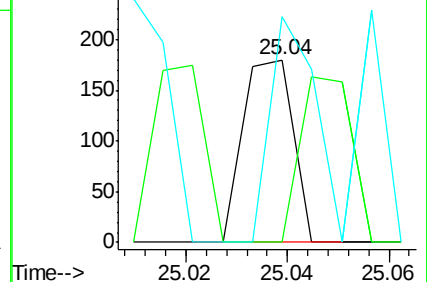
125 123.9 5.7 8.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.78 min Scan# 4373

Delta R.T. -0.39 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

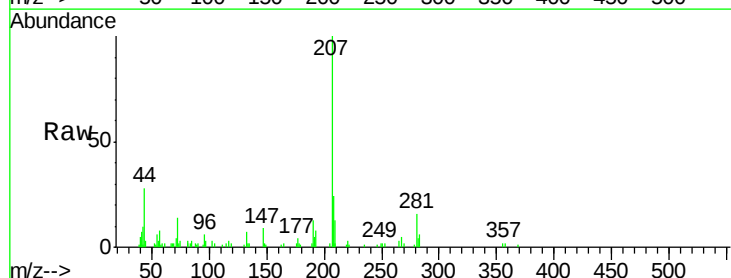
Tgt Ion:278 Resp: 63

Ion Ratio Lower Upper

278 100

139 0.0 8.2 12.4#

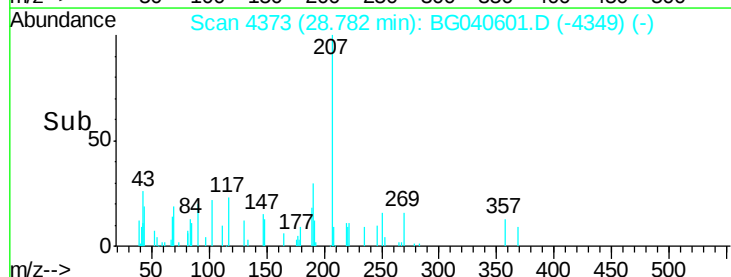
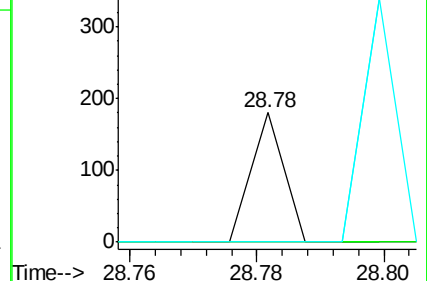
279 0.0 18.5 27.7#

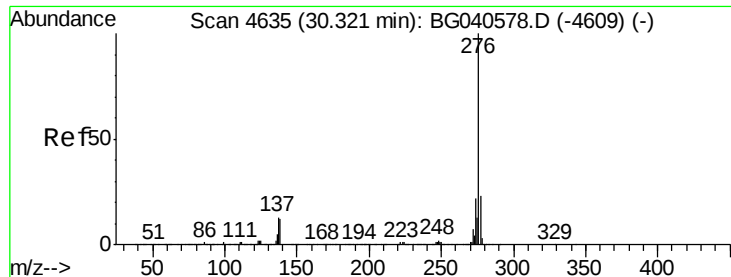


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 0.002 ng

RT: 29.86 min Scan# 4556

Delta R.T. -0.46 min

Lab File: BG040601.D

Acq: 24 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

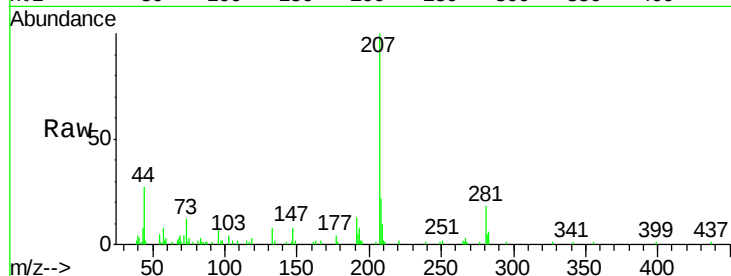
Tot Ion: 276 Resp: 55

Ion Ratio Lower Upper

276 100

277 0.0 18.4 27.6#

138 0.0 9.8 14.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

