

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
 Data File : BG040590.D
 Acq On : 24 Apr 2019 12:51
 Operator : JU/SJ
 Sample : K2532-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 00:58:16 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	44552	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	171801	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	122913	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	346486	20.00	ng	0.00
76) Chrysene-d12	21.83	240	382812	20.00	ng	0.00
87) Perylene-d12	25.21	264	403564	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	285809	113.08	ng	0.00
7) Phenol-d6	7.29	99	371917	95.57	ng	0.00
23) Nitrobenzene-d5	9.34	82	351240	94.47	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	248426	147.04	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	741263	87.10	ng	0.00
79) Terphenyl-d14	20.14	244	1624175	93.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	220	0.191	ng	# 1
3) Pyridine	3.96	79	529	0.159	ng	# 37
4) n-Nitrosodimethylamine	3.89	42	585	0.317	ng	# 1
6) Aniline	7.47	93	203	0.039	ng	# 28
8) 2-Chlorophenol	7.71	128	56	0.018	ng	# 1
9) Benzaldehyde	7.30	77	1262	Below Cal		# 24
10) Phenol	7.34	94	64	0.015	ng	# 33
11) bis(2-Chloroethyl)ether	7.58	93	272	0.087	ng	# 15
13) 1,4-Dichlorobenzene	8.64	146	62	0.018	ng	# 24
14) 1,2-Dichlorobenzene	8.64	146	62	0.019	ng	# 23
15) Benzyl Alcohol	8.39	79	237	0.059	ng	# 59
16) 2,2'-oxybis(1-Chloropropan	8.68	45	327	0.052	ng	# 72
17) 2-Methylphenol	8.57	107	55	0.019	ng	# 12
18) Hexachloroethane	9.18	117	68	0.049	ng	# 1
19) n-Nitroso-di-n-propylamine	9.34	70	51739	14.770	ng	# 76
20) 3+4-Methylphenols	8.93	107	65	0.016	ng	# 1
22) Acetophenone	8.99	105	875	0.183	ng	# 39
24) Nitrobenzene	9.38	77	137	0.035	ng	# 47
25) Isophorone	9.91	82	593	0.072	ng	# 38
26) 2-Nitrophenol	10.28	139	58	0.041	ng	# 23
27) 2,4-Dimethylphenol	10.16	122	116	0.043	ng	# 1
28) bis(2-Chloroethoxy)methane	10.36	93	72	0.017	ng	# 1
29) 2,4-Dichlorophenol	10.69	162	63	0.021	ng	# 1
30) 1,2,4-Trichlorobenzene	11.23	180	55	0.016	ng	# 13
31) Naphthalene	11.03	128	7800	0.855	ng	# 91
32) Benzoic acid	10.25	122	193	0.106	ng	# 28
33) 4-Chloroaniline	11.15	127	54	0.013	ng	# 39
35) Caprolactam	11.87	113	56	0.047	ng	# 1
36) 4-Chloro-3-methylphenol	12.21	107	69	0.018	ng	# 25
37) 2-Methylnaphthalene	12.63	142	2525	0.370	ng	# 96
38) 1-Methylnaphthalene	12.84	142	1711	0.257	ng	# 95
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	60	0.013	ng	# 25
41) Hexachlorocyclopentadiene	12.76	237	58	0.021	ng	# 27
43) 2,4,6-Trichlorophenol	13.43	196	65	0.023	ng	# 13

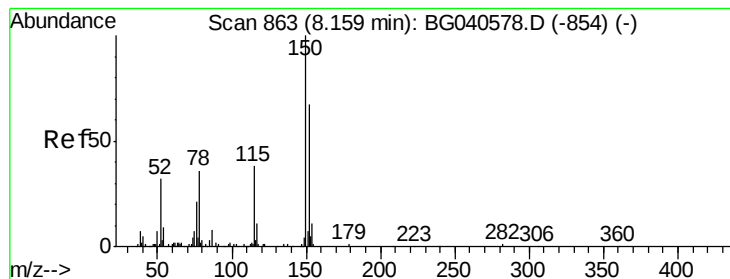
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.43	196	65	0.022	ng	#	1
46) 1,1'-Biphenyl	13.62	154	5323	0.558	ng		93
48) 2-Nitroaniline	13.87	65	163	0.061	ng	#	14
49) Acenaphthylene	14.51	152	1046	0.083	ng	#	59
50) Dimethylphthalate	14.24	163	59	0.006	ng	#	75
51) 2,6-Dinitrotoluene	14.30	165	527	0.263	ng	#	12
52) Acenaphthene	14.84	154	1171	0.159	ng	#	68
53) 3-Nitroaniline	14.74	138	112	0.054	ng	#	1
54) 2,4-Dinitrophenol	14.76	184	66	7.068	ng	#	1
55) Dibenzofuran	15.18	168	1603	0.133	ng	#	75
56) 4-Nitrophenol	14.86	139	139	0.078	ng	#	60
57) 2,4-Dinitrotoluene	14.79	165	17124	6.279	ng	#	16
58) Fluorene	15.83	166	1603	0.164	ng	#	64
60) Diethylphthalate	15.58	149	962	0.089	ng	#	75
61) 4-Chlorophenyl-phenylether	16.01	204	66	0.012	ng	#	29
62) 4-Nitroaniline	15.86	138	105	0.046	ng	#	24
63) Azobenzene	16.08	77	295	0.026	ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.86	198	81	7.142	ng	#	38
66) n-Nitrosodiphenylamine	16.27	169	10031	0.984	ng	#	42
67) 4-Bromophenyl-phenylether	16.27	248	17739	4.109	ng	#	1
68) Hexachlorobenzene	16.84	284	68	0.015	ng	#	42
69) Atrazine	17.21	200	65	0.016	ng	#	35
70) Pentachlorophenol	16.77	266	55	0.021	ng	#	18
71) Phenanthrene	17.58	178	4062	0.218	ng		95
72) Anthracene	17.58	178	4062	0.217	ng		95
73) Carbazole	17.94	167	62	0.004	ng	#	58
74) Di-n-butylphthalate	18.48	149	5541	0.269	ng		97
75) Fluoranthene	19.57	202	1142	0.049	ng		69
77) Benzidine	20.14	184	34546	3.296	ng	#	93
78) Pyrene	19.95	202	975	0.041	ng	#	65
80) Butylbenzylphthalate	20.81	149	253	0.027	ng	#	80
81) Benzo(a)anthracene	21.82	228	1408	0.058	ng	#	67
82) 3,3'-Dichlorobenzidine	21.70	252	143	0.017	ng	#	10
83) Chrysene	21.86	228	57	0.002	ng	#	48
84) Bis(2-ethylhexyl)phthalate	21.69	149	2832	0.210	ng	#	90
85) Di-n-octyl phthalate	22.98	149	179	0.008	ng	#	1
86) Indeno(1,2,3-cd)pyrene	29.44	276	74	0.003	ng	#	60
88) Benzo(b)fluoranthene	24.11	252	220	0.009	ng	#	60
89) Benzo(k)fluoranthene	24.21	252	80	0.003	ng	#	20
90) Benzo(a)pyrene	25.05	252	192	0.008	ng	#	60
91) Dibenzo(a,h)anthracene	29.47	278	65	0.003	ng	#	59
92) Benzo(g,h,i)perylene	30.66	276	53	0.002	ng	#	58

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

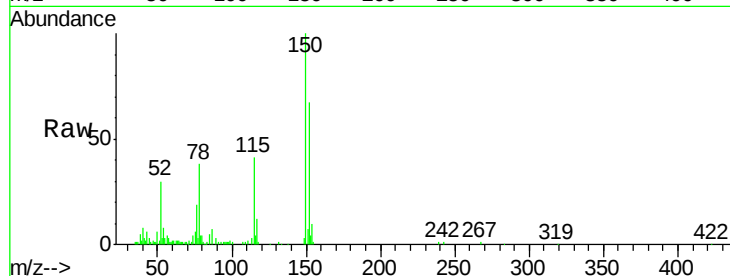


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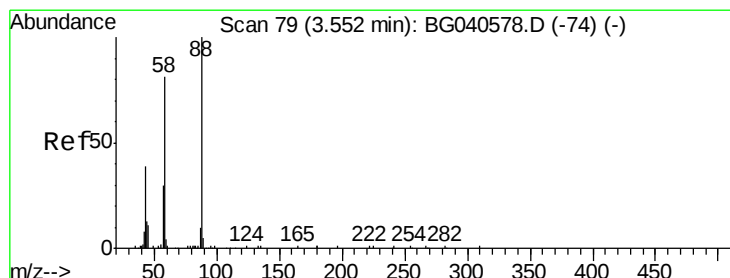
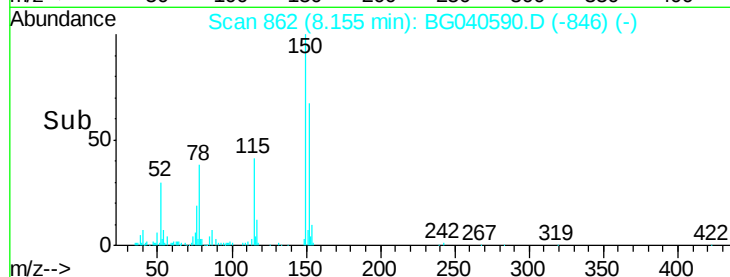
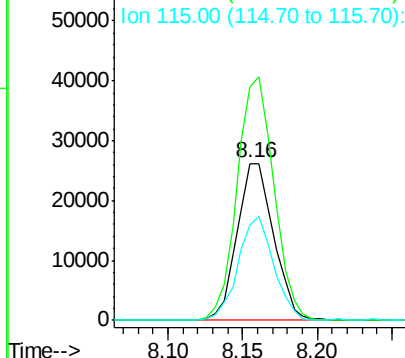
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44552
Ion Ratio Lower Upper
152 100
150 148.8 120.2 180.2
115 60.4 46.2 69.2



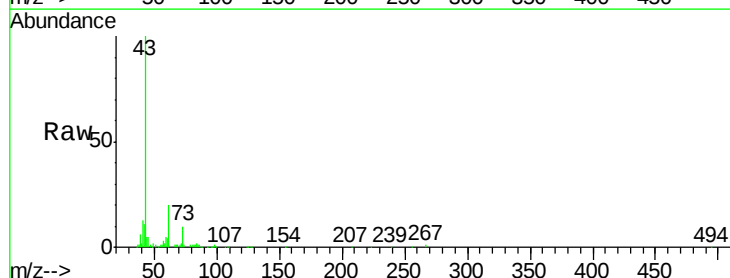
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



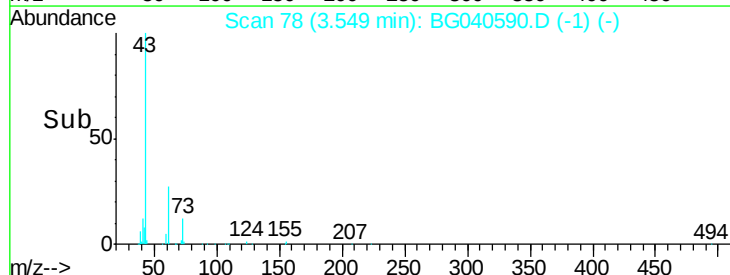
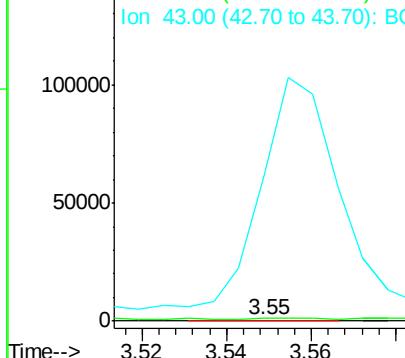
#2

1,4-Dioxane
Concen: 0.191 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.00 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Tgt Ion: 88 Resp: 220
Ion Ratio Lower Upper
88 100
58 242.3 71.2 106.8#
43 57883.6 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: 0.159 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

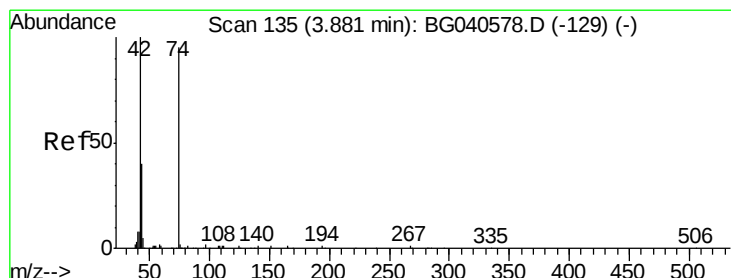
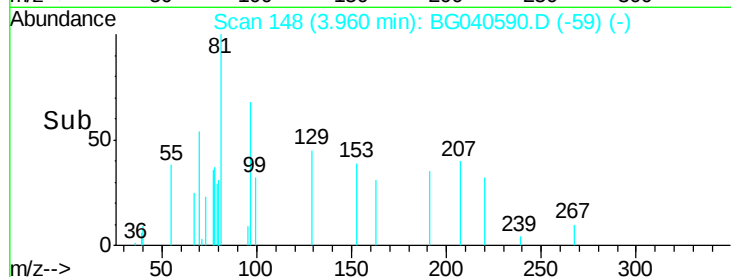
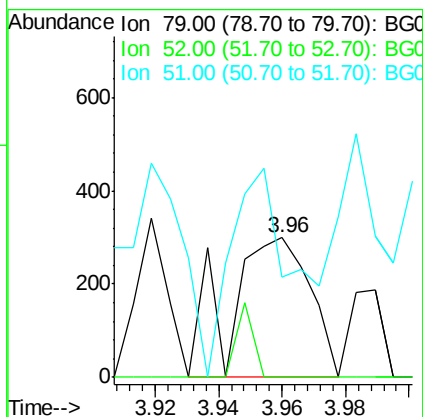
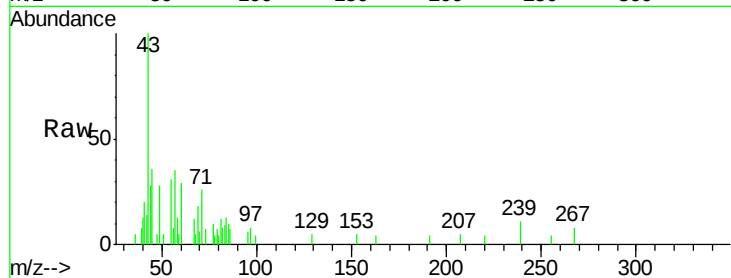
Tot Ion: 79 Resp: 529

Ion Ratio Lower Upper

79 100

52 0.0 67.5 101.3#

51 48.0 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 0.317 ng

RT: 3.89 min Scan# 136

Delta R.T. 0.01 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

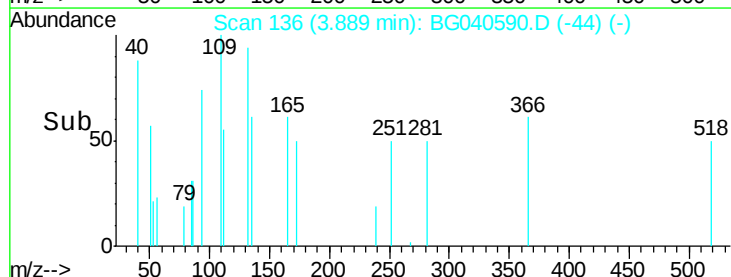
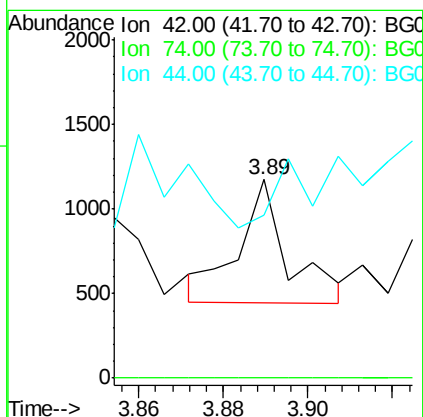
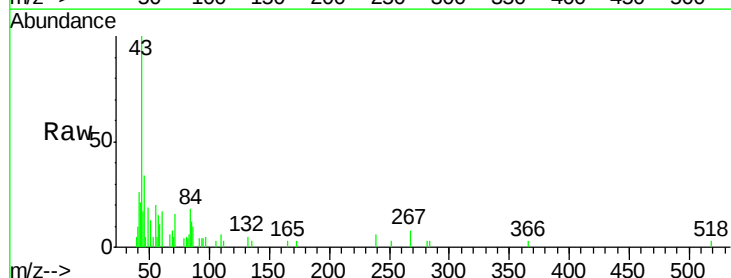
Tgt Ion: 42 Resp: 585

Ion Ratio Lower Upper

42 100

74 0.0 74.6 111.8#

44 82.4 7.4 11.0#





#5

2-Fluorophenol

Concen: 113.084 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampled :

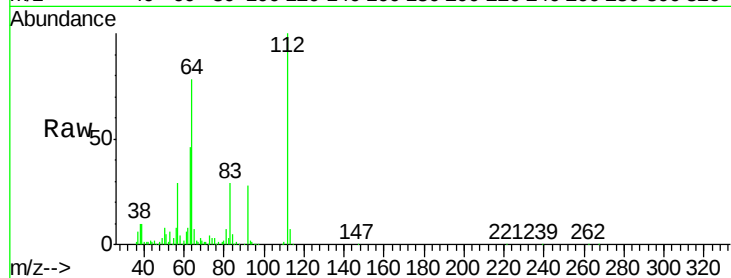
Tot Ion:112 Resp: 285809

Ion Ratio Lower Upper

112 100

64 78.0 61.4 92.0

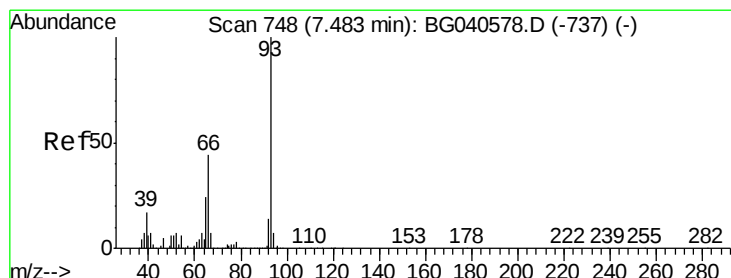
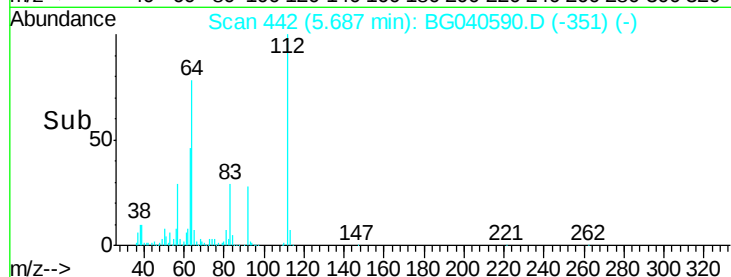
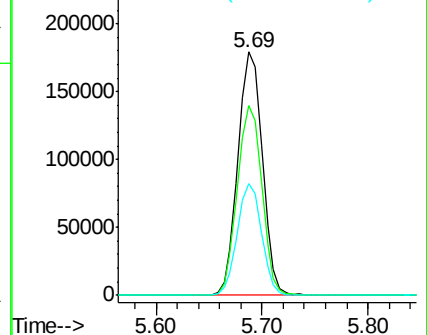
63 45.8 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.039 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

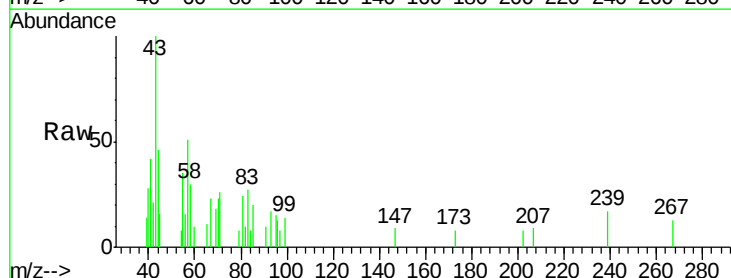
Tgt Ion: 93 Resp: 203

Ion Ratio Lower Upper

93 100

66 0.0 35.5 53.3#

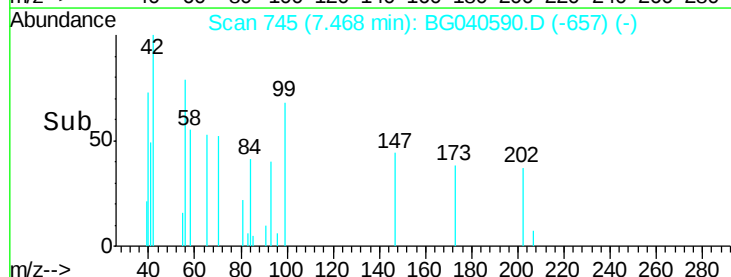
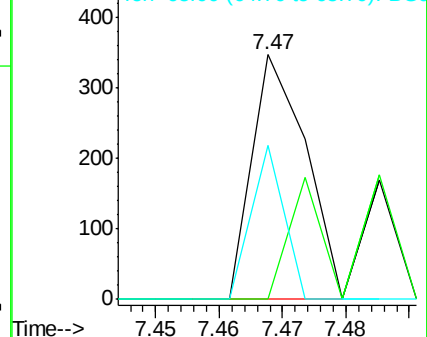
65 62.8 19.2 28.8#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.572 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

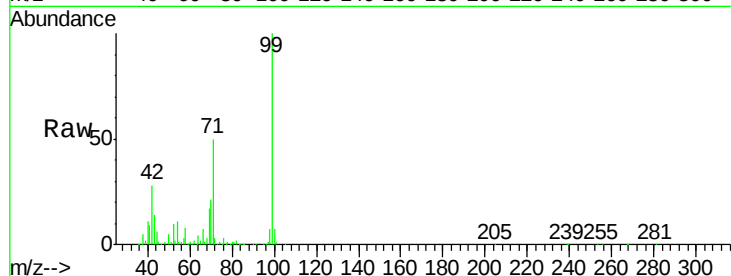
Tot Ion: 99 Resp: 371917

Ion Ratio Lower Upper

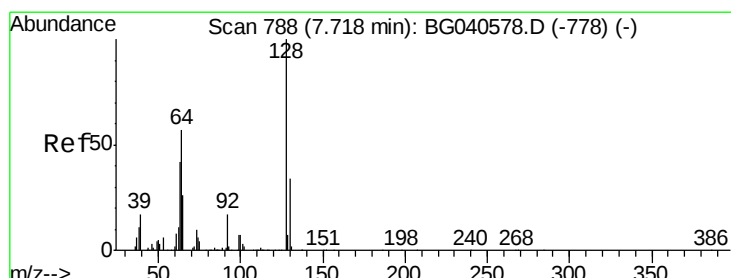
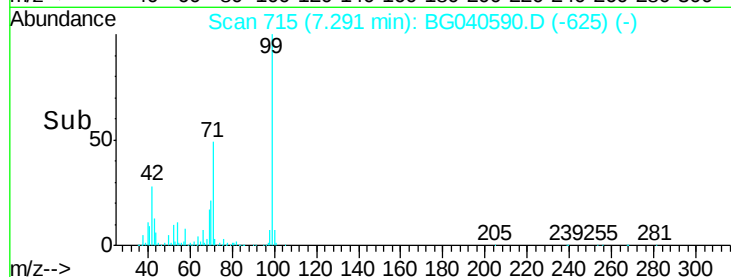
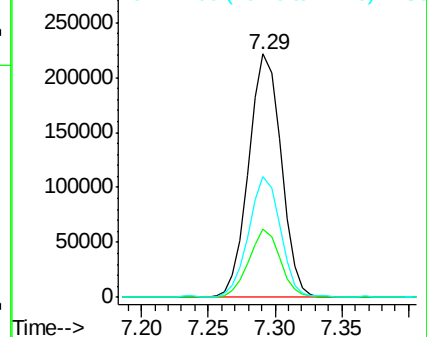
99 100

42 27.8 21.8 32.8

71 49.5 38.6 57.8



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



#8

2-Chlorophenol

Concen: 0.018 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

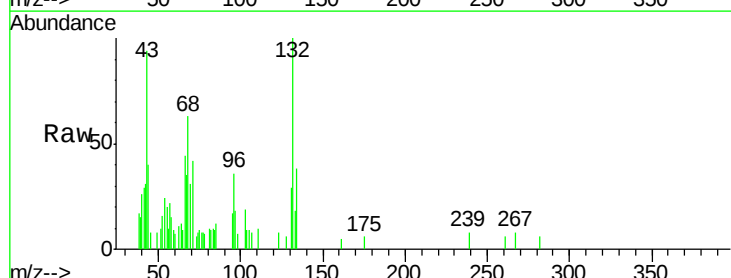
Tgt Ion: 128 Resp: 56

Ion Ratio Lower Upper

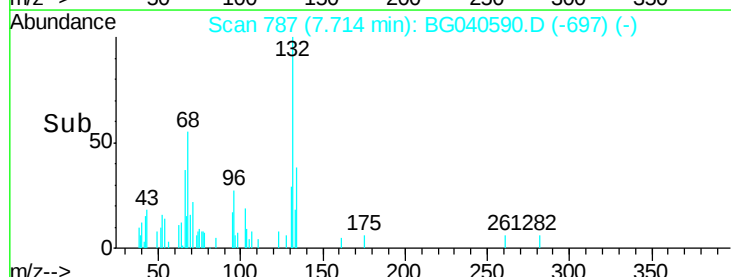
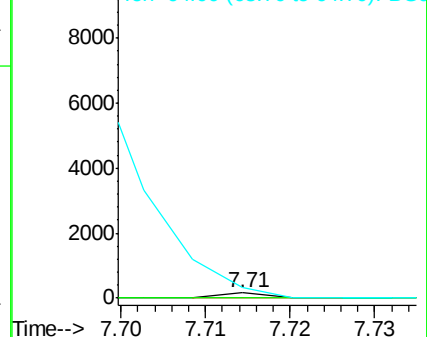
128 100

130 0.0 14.5 54.5#

64 211.3 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# 717

Delta R.T. 0.01 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampled :

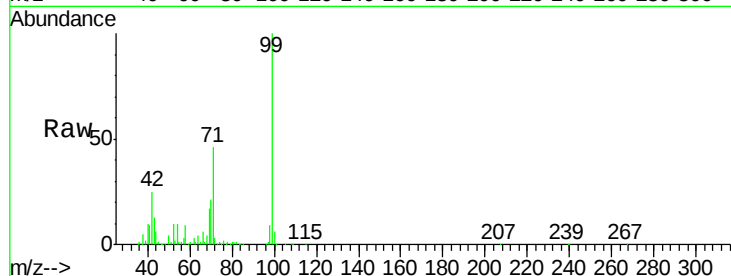
Tot Ion: 77 Resp: 1262

Ion Ratio Lower Upper

77 100

105 33.1 72.0 112.0#

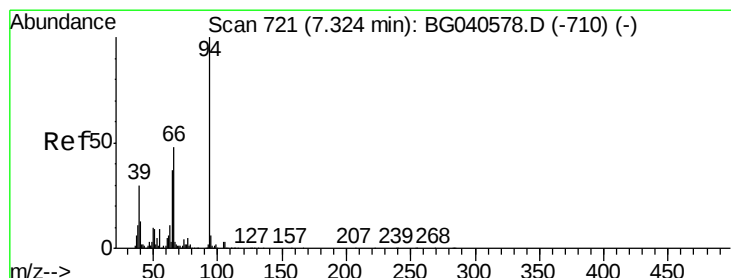
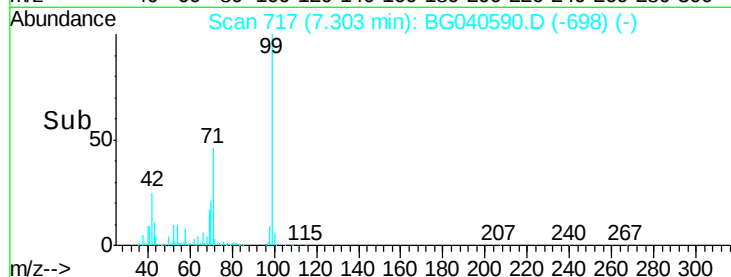
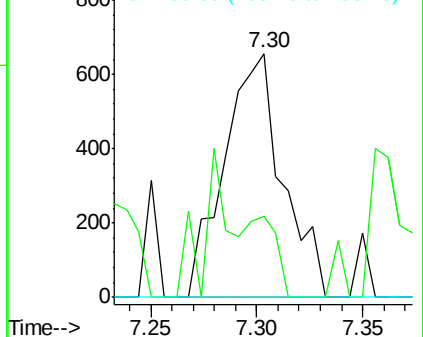
106 0.0 61.2 101.2#



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: 0.015 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.02 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

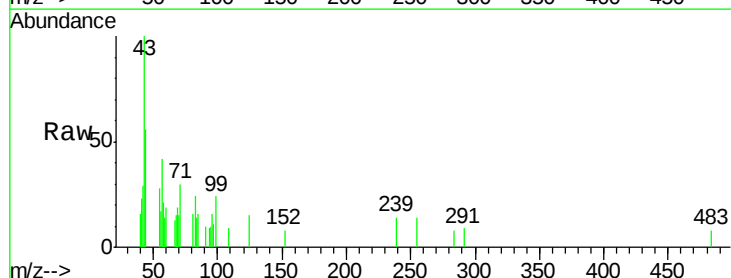
Tgt Ion: 94 Resp: 64

Ion Ratio Lower Upper

94 100

65 0.0 17.0 57.0#

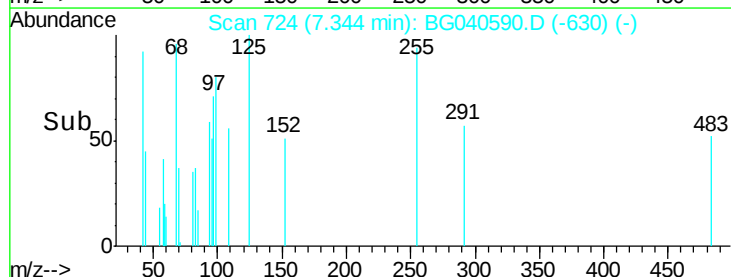
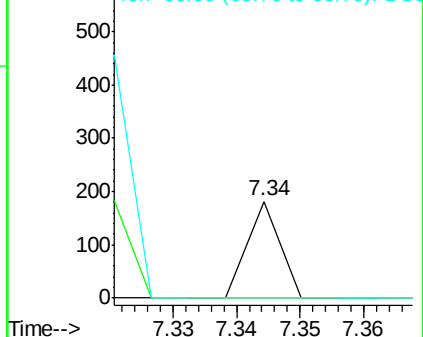
66 0.0 28.6 68.6#

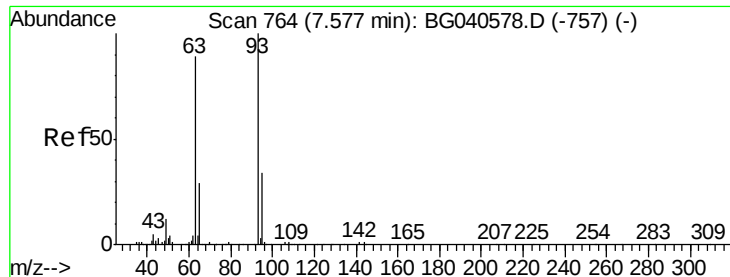


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



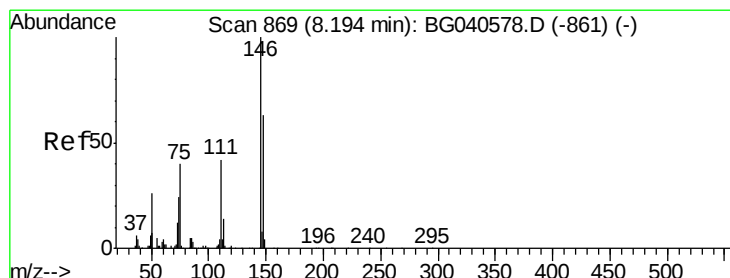
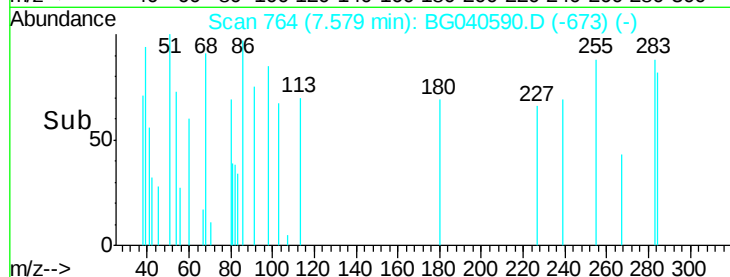
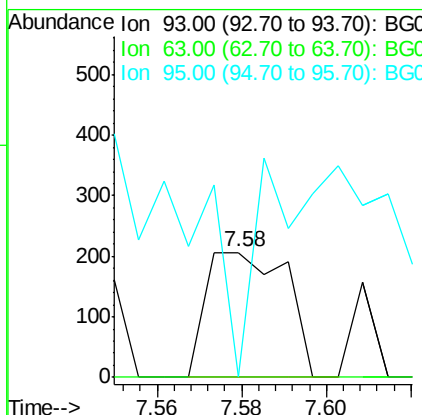
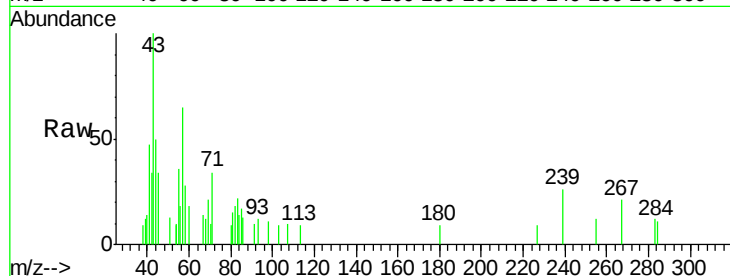


#11

bis(2-Chloroethyl)ether
Concen: 0.087 ng
RT: 7.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Instrument :
BNA_G
ClientSampled :

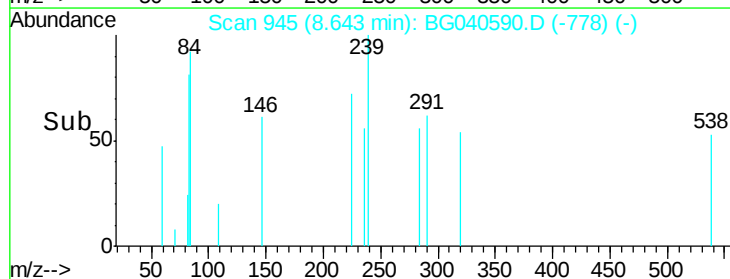
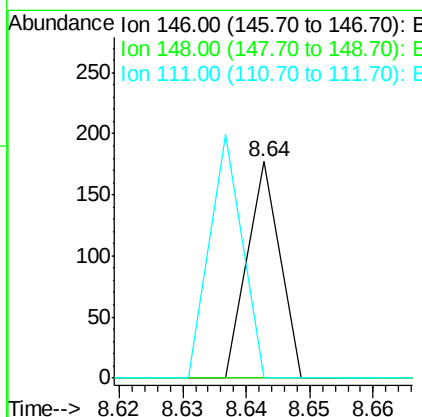
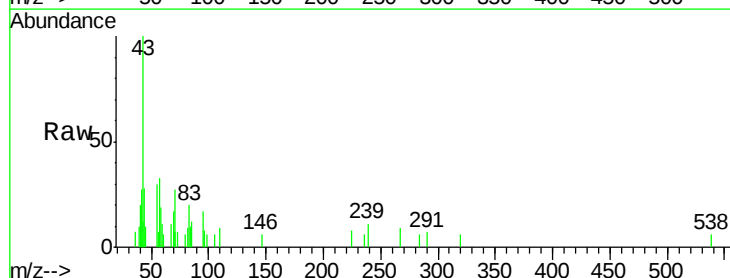
Tot Ion: 93 Resp: 272
Ion Ratio Lower Upper
93 100
63 0.0 68.2 108.2#
95 0.0 14.3 54.3#

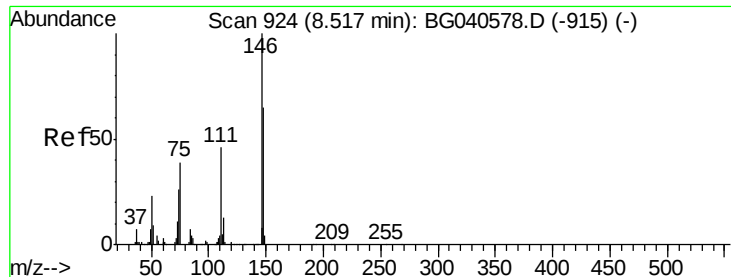


#13

1,4-Dichlorobenzene
Concen: 0.018 ng
RT: 8.64 min Scan# 945
Delta R.T. 0.45 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Tgt Ion: 146 Resp: 62
Ion Ratio Lower Upper
146 100
148 0.0 50.6 75.8#
111 0.0 34.3 51.5#





#14

1,2-Dichlorobenzene

Concen: 0.019 ng

RT: 8.64 min Scan# 945

Delta R.T. 0.13 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampled :

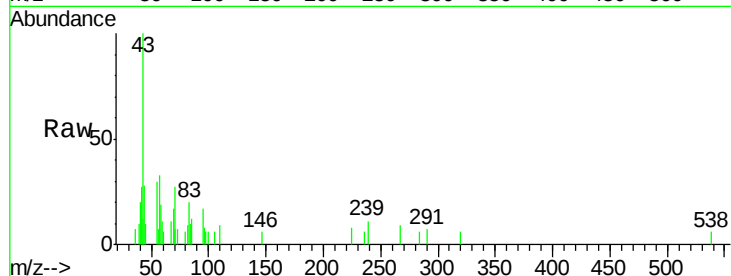
Tot Ion:146 Resp: 62

Ion Ratio Lower Upper

146 100

148 0.0 52.2 78.4#

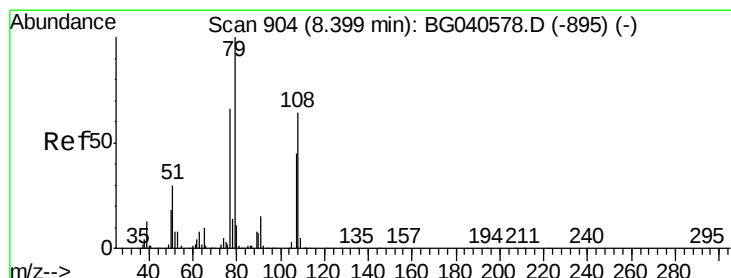
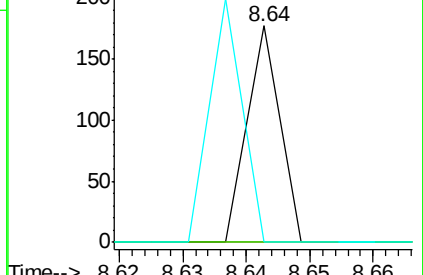
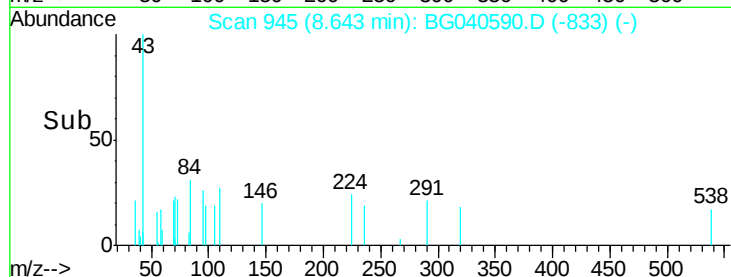
111 0.0 37.4 56.0#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 0.059 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

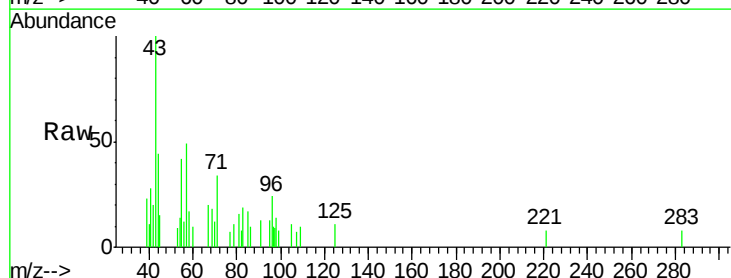
Tgt Ion: 79 Resp: 237

Ion Ratio Lower Upper

79 100

108 0.0 51.4 77.0#

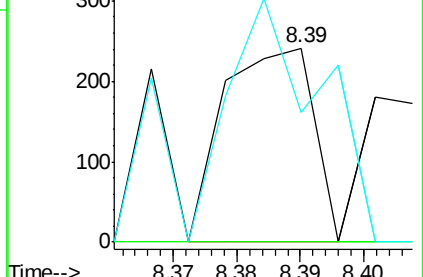
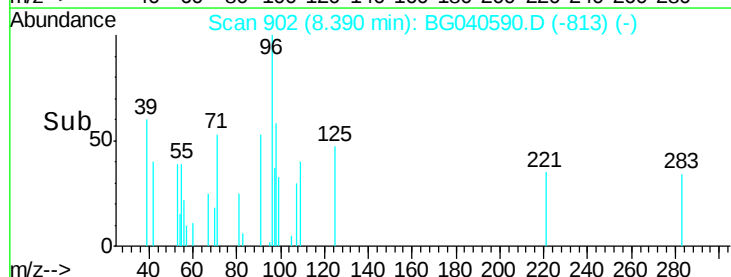
77 67.2 52.6 79.0

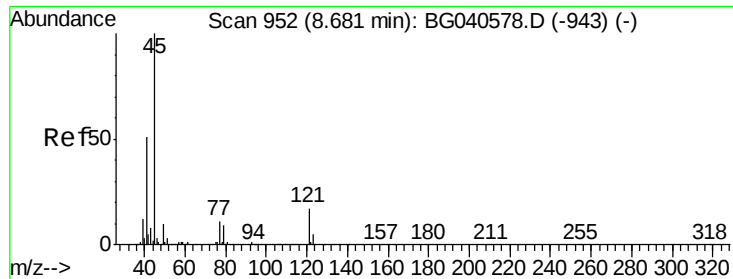


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

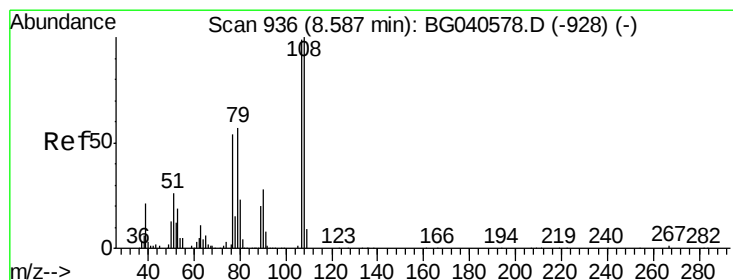
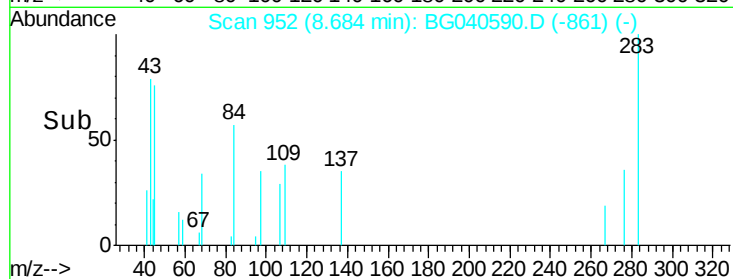
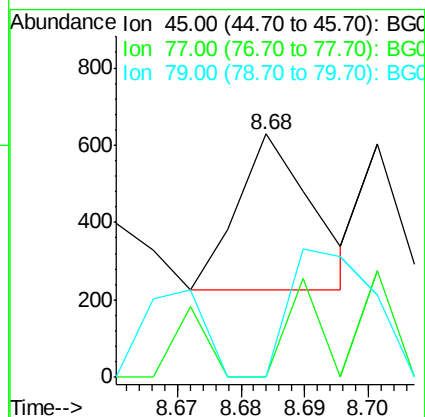
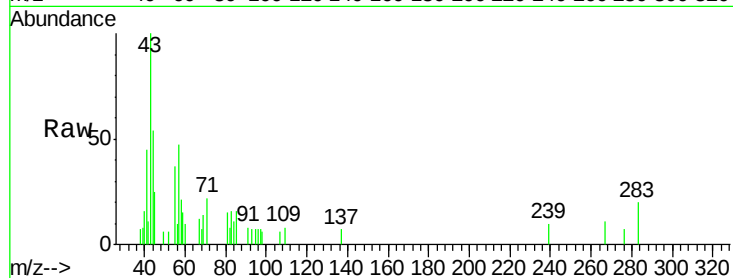




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.052 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

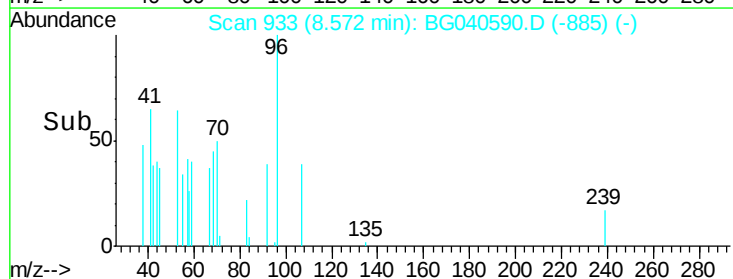
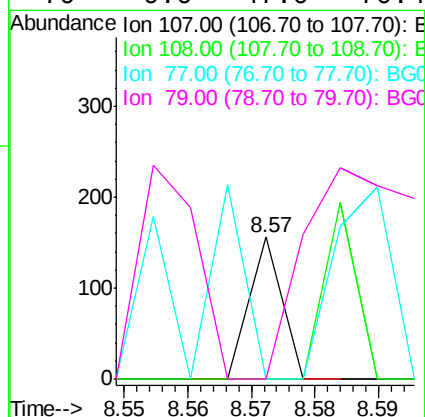
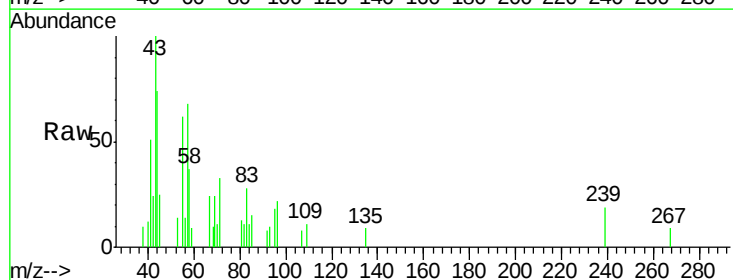
Instrument :
BNA_G
ClientSampleId :

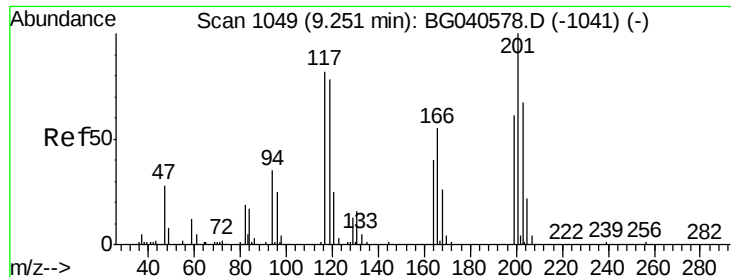
Tot Ion:	45	Resp:	327
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	31.5
79	0.0	0.0	29.4



#17
2-Methylphenol
Concen: 0.019 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.02 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Tgt Ion:	107	Resp:	55
Ion	Ratio	Lower	Upper
107	100		
108	0.0	81.2	121.8#
77	0.0	44.4	66.6#
79	0.0	47.0	70.4#

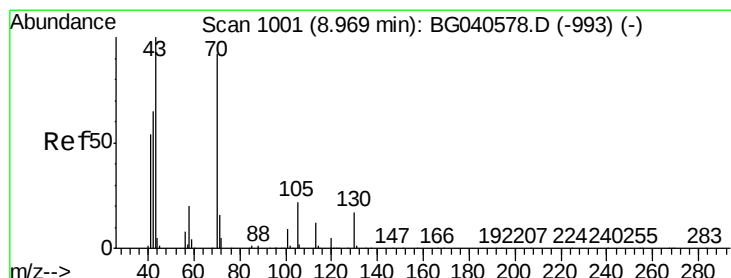
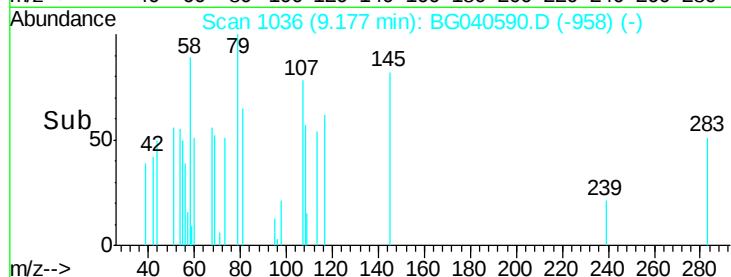
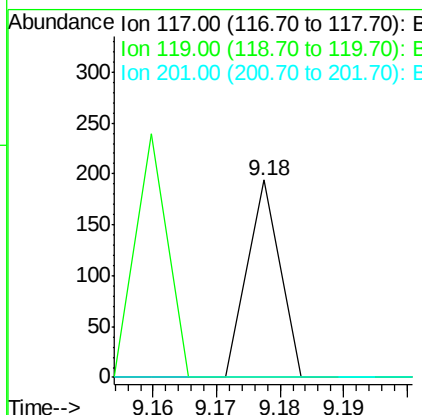
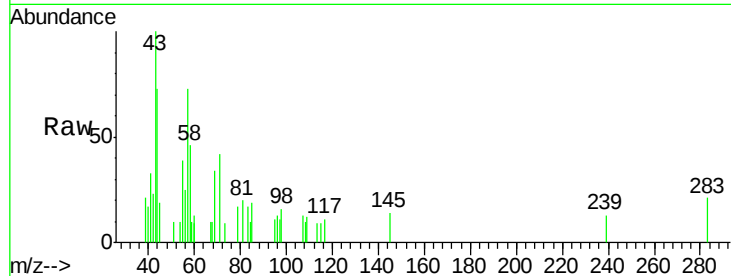




#18
Hexachloroethane
Concen: 0.049 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.07 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

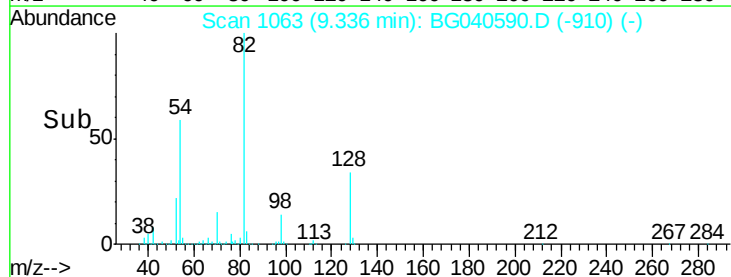
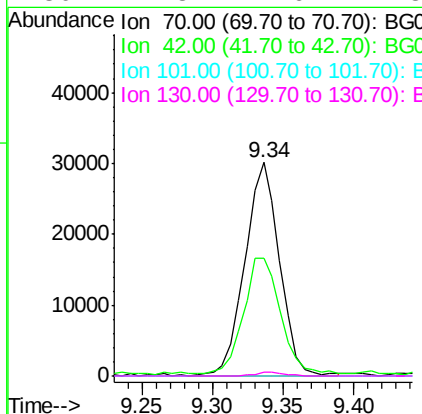
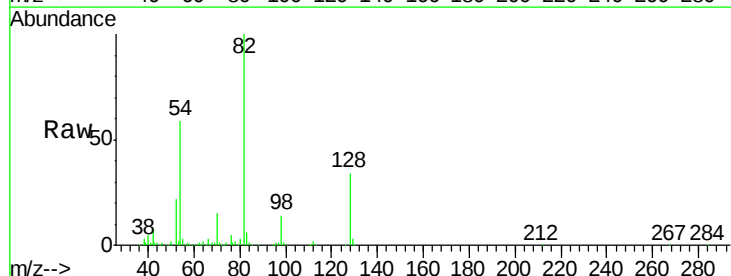
Instrument :
BNA_G
ClientSampleId :

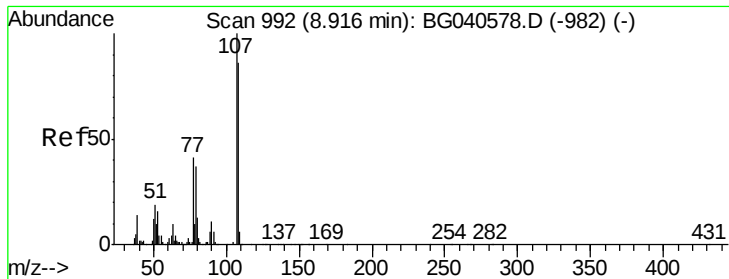
Tot Ion:117 Resp: 68
Ion Ratio Lower Upper
117 100
119 0.0 76.6 114.8#
201 0.0 101.0 151.6#



#19
n-Nitroso-di-n-propylamine
Concen: 14.770 ng
RT: 9.34 min Scan# 1063
Delta R.T. 0.37 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Tgt Ion: 70 Resp: 51739
Ion Ratio Lower Upper
70 100
42 54.9 57.1 85.7#
101 0.0 7.8 11.8#
130 1.8 14.6 21.8#

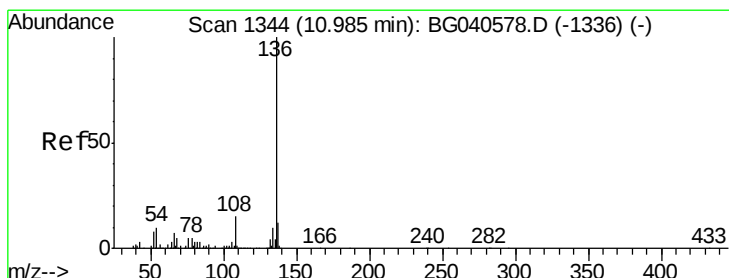
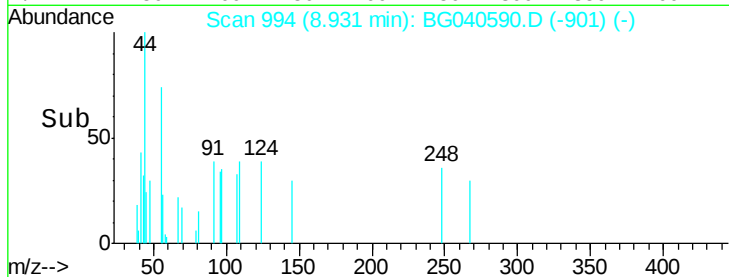
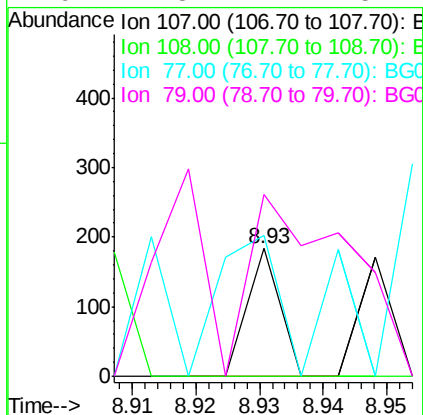
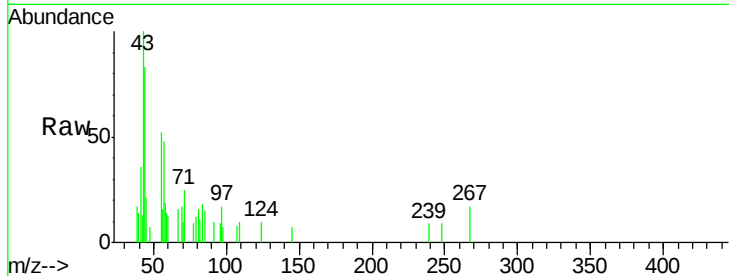




#20
 3+4-Methylphenols
 Concen: 0.016 ng
 RT: 8.93 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

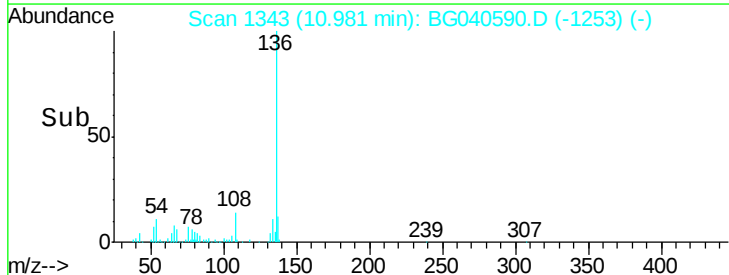
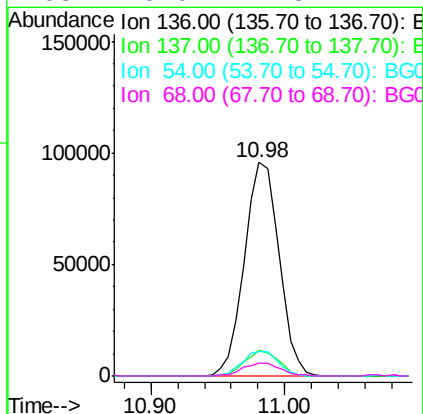
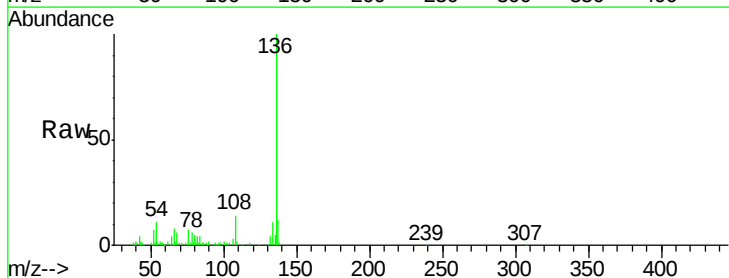
Instrument :
 BNA_G
 ClientSampleId :

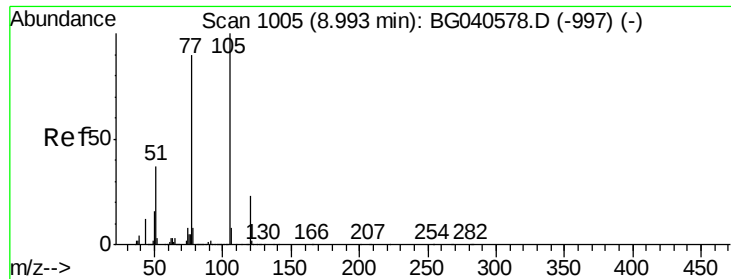
Tot Ion:107	Resp:	65
Ion Ratio	Lower	Upper
107	100	
108	0.0	66.1 106.1#
77	109.8	21.6 61.6#
79	141.8	17.4 57.4#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.98 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

Tgt Ion:136	Resp:	171801
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.7 14.5
54	11.3	8.6 12.8
68	6.0	4.8 7.2





#22

Acetophenone

Concen: 0.183 ng

RT: 8.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 875

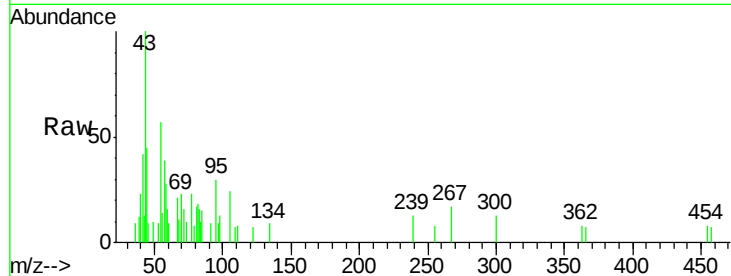
Ion Ratio Lower Upper

105 100

71 65.0 1.8 2.8#

51 0.0 29.8 44.8#

120 0.0 18.4 27.6#

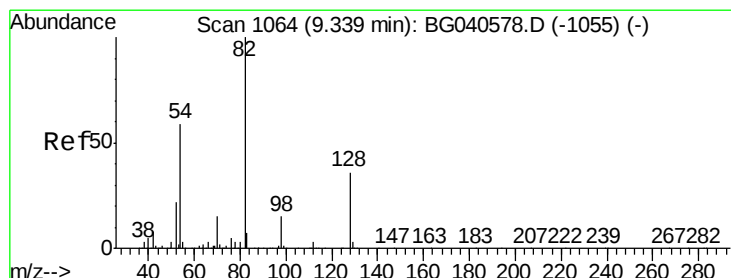
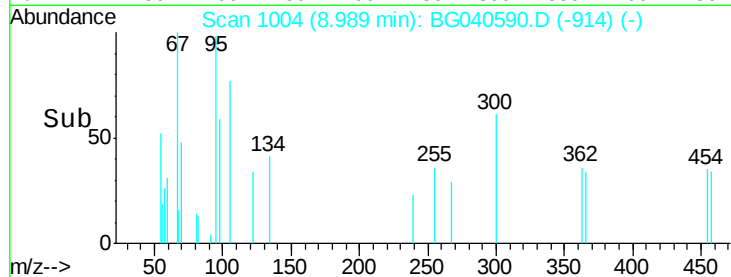
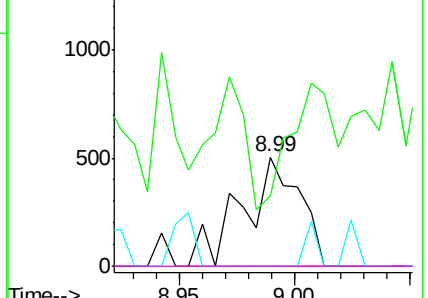


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 94.467 ng

RT: 9.34 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

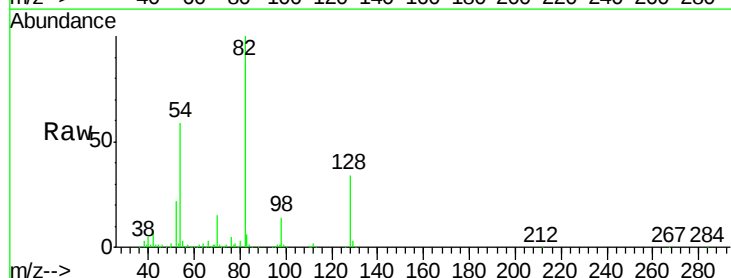
Tgt Ion: 82 Resp: 351240

Ion Ratio Lower Upper

82 100

128 33.6 28.9 43.3

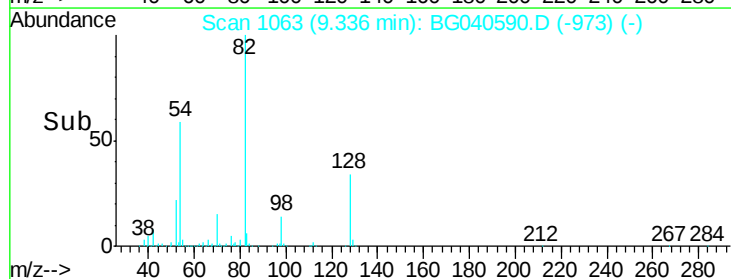
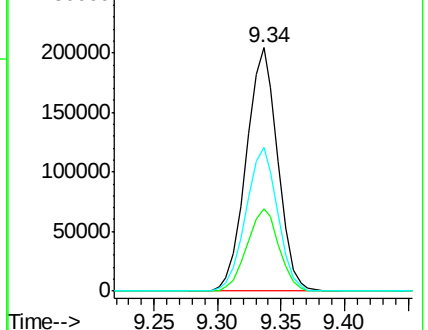
54 59.1 47.2 70.8

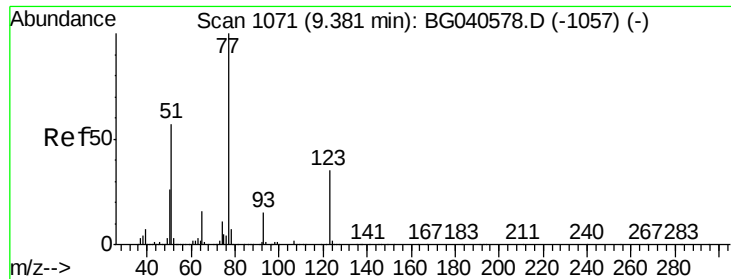


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 0.035 ng

RT: 9.38 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampled :

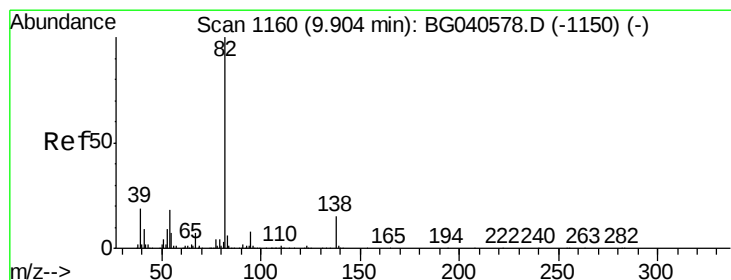
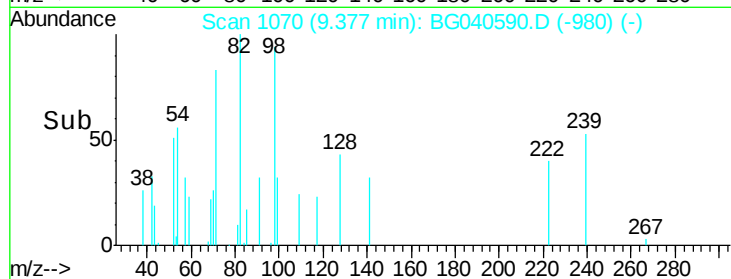
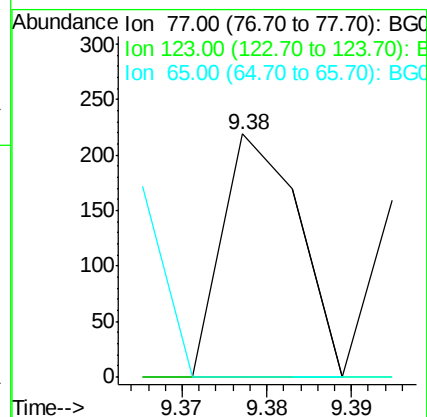
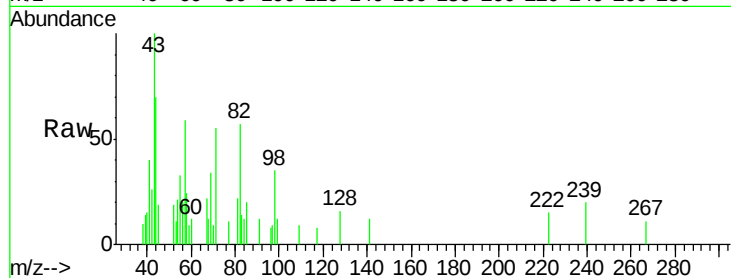
Tot Ion: 77 Resp: 137

Ion Ratio Lower Upper

77 100

123 0.0 27.8 41.6#

65 0.0 12.4 18.6#



#25

Isophorone

Concen: 0.072 ng

RT: 9.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

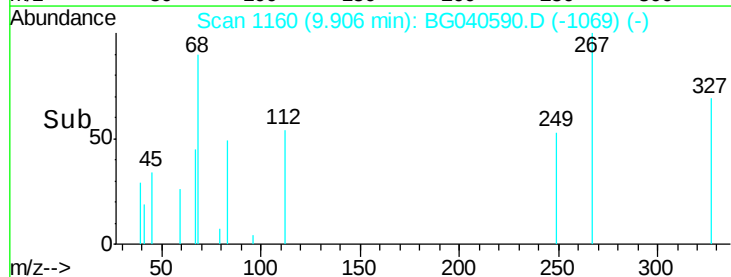
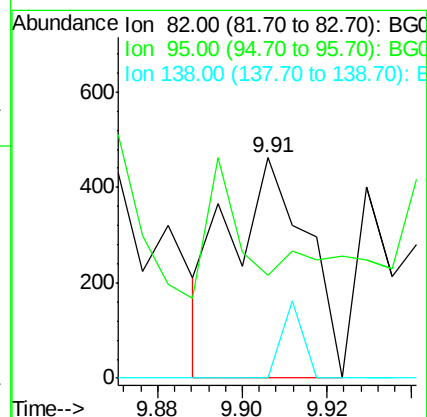
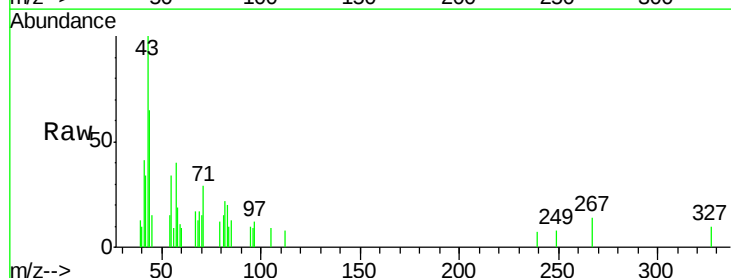
Tgt Ion: 82 Resp: 593

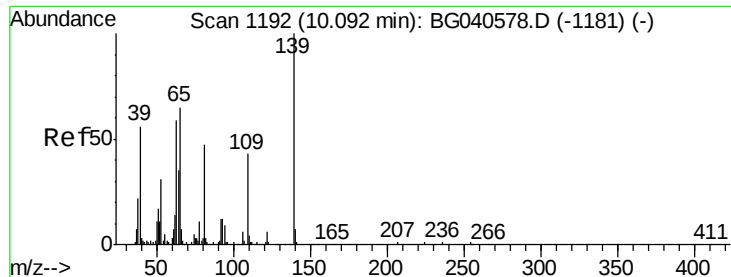
Ion Ratio Lower Upper

82 100

95 46.5 6.9 10.3#

138 0.0 12.3 18.5#

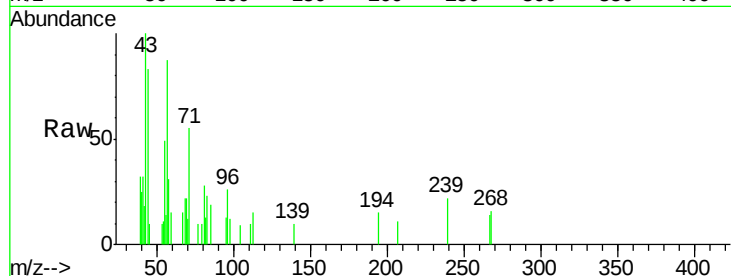




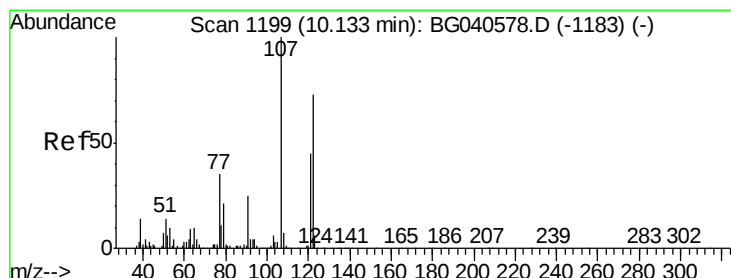
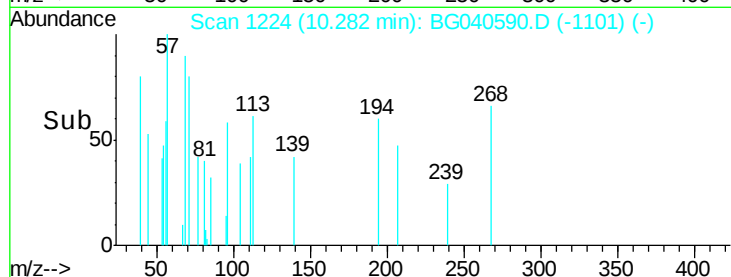
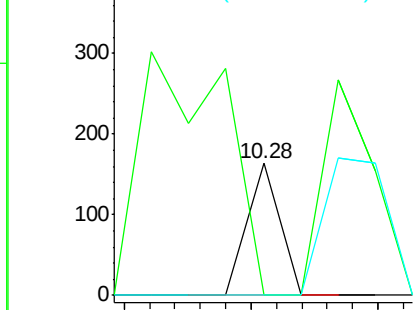
#26
2-Nitrophenol
Concen: 0.041 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.19 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	35.6	53.4#
65	0.0	52.3	78.5#

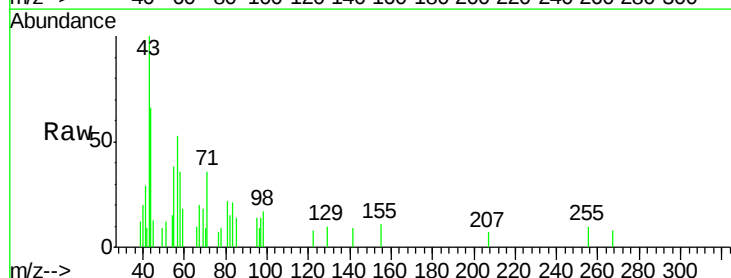


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

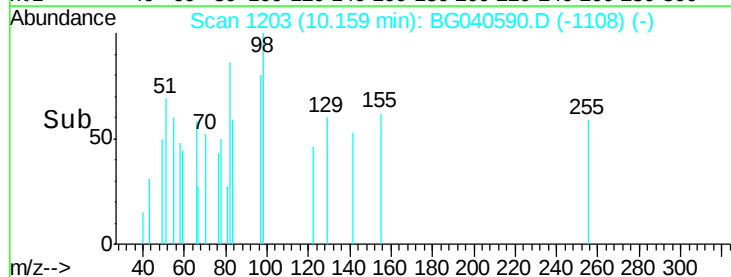
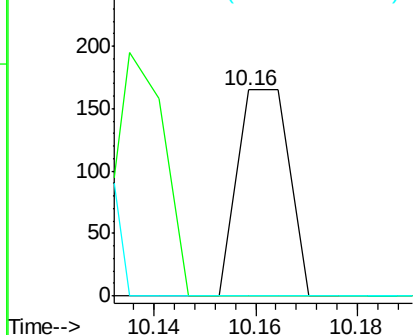


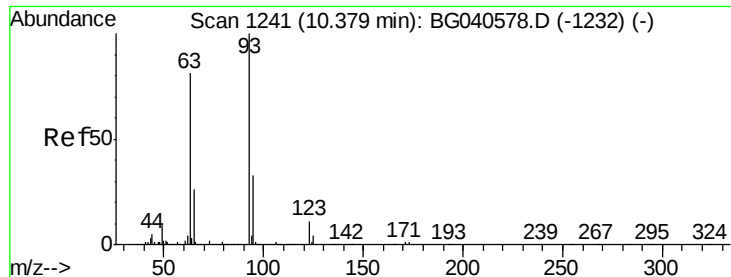
#27
2,4-Dimethylphenol
Concen: 0.043 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.03 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	110.1	165.1#
121	0.0	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

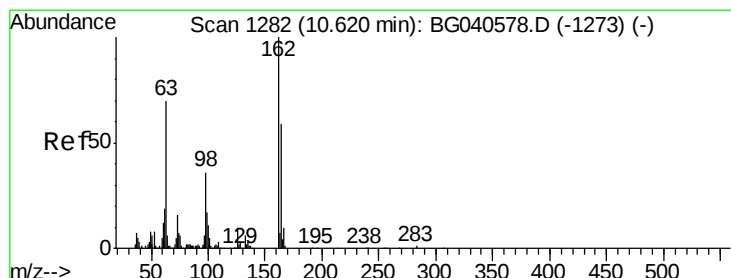
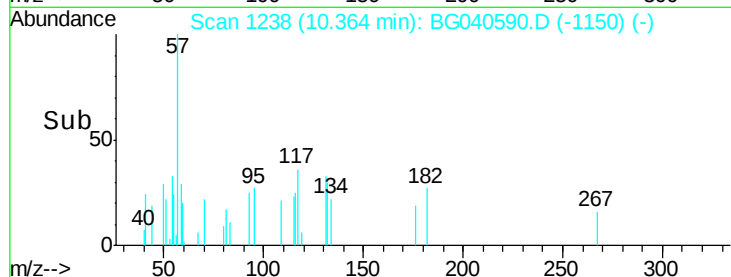
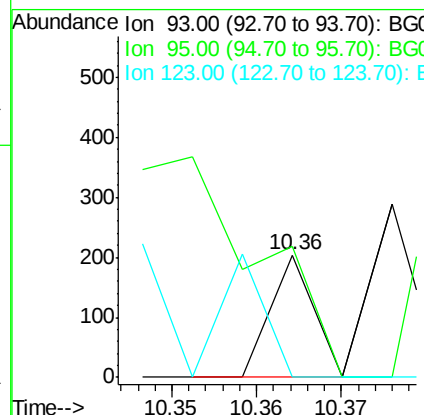
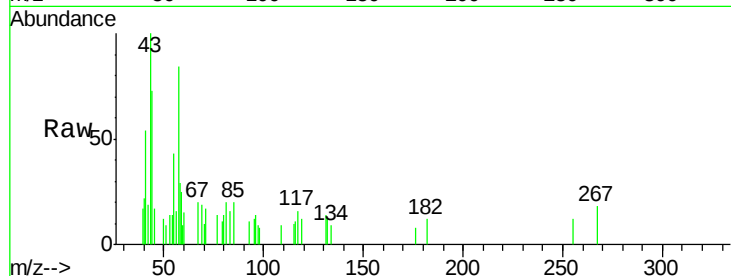




#28
bis(2-Chloroethoxy)methane
Concen: 0.017 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

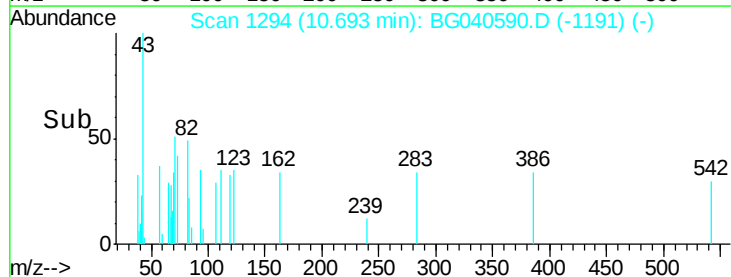
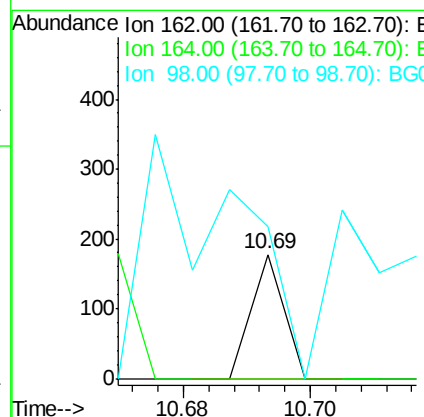
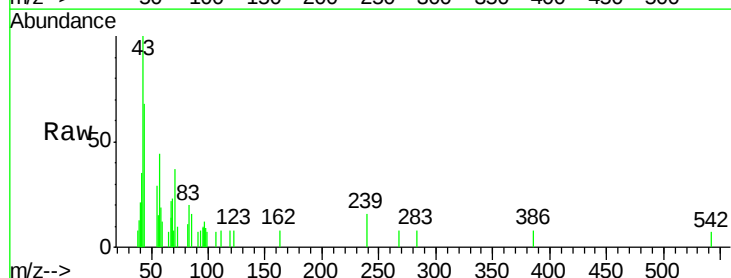
Instrument :
BNA_G
ClientSampled :

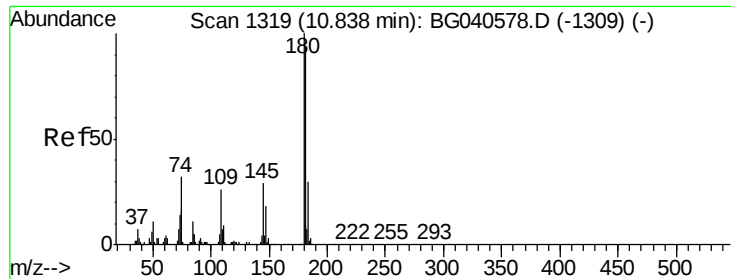
Tot Ion: 93 Resp: 72
Ion Ratio Lower Upper
93 100
95 106.9 26.6 40.0#
123 0.0 9.0 13.4#



#29
2,4-Dichlorophenol
Concen: 0.021 ng
RT: 10.69 min Scan# 1294
Delta R.T. 0.07 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Tgt Ion: 162 Resp: 63
Ion Ratio Lower Upper
162 100
164 0.0 38.9 78.9#
98 121.9 16.8 56.8#





#30

1,2,4-Trichlorobenzene

Concen: 0.016 ng

RT: 11.23 min Scan# 1385

Delta R.T. 0.39 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampled :

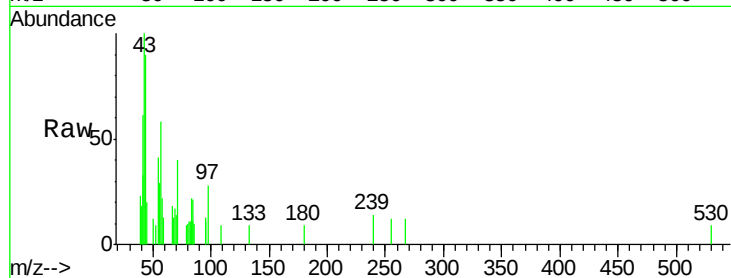
Tot Ion:180 Resp: 55

Ion Ratio Lower Upper

180 100

182 0.0 75.2 112.8#

145 0.0 23.6 35.4#

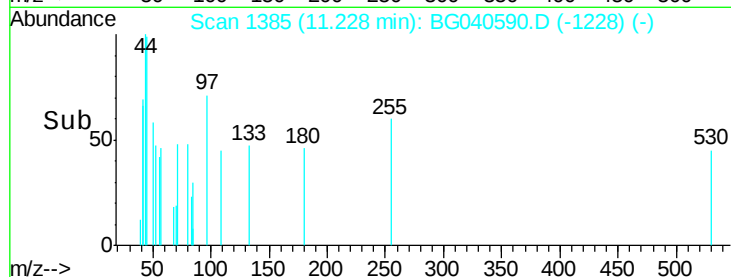


Abundance Ion 180.00 (179.70 to 180.70): E

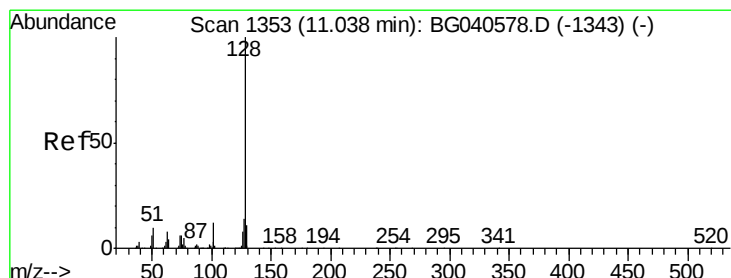
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



Time-->



#31

Naphthalene

Concen: 0.855 ng

RT: 11.03 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

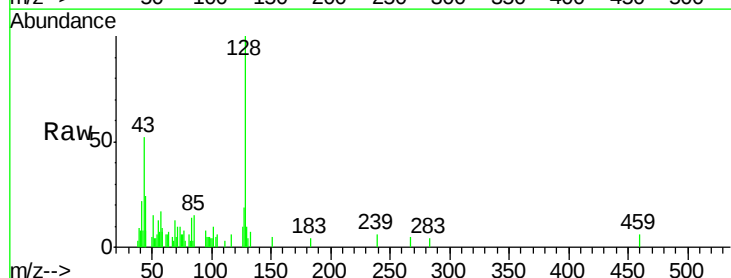
Tgt Ion:128 Resp: 7800

Ion Ratio Lower Upper

128 100

129 9.6 9.0 13.6

127 19.4 11.3 16.9#

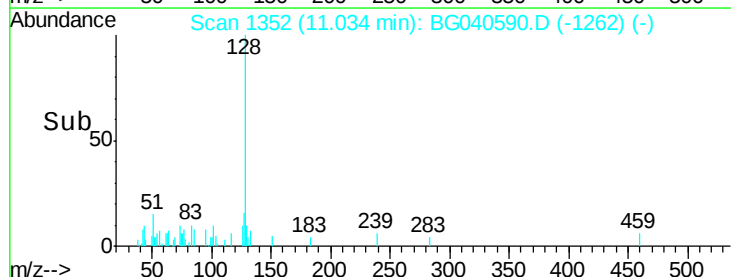


Abundance Ion 128.00 (127.70 to 128.70): E

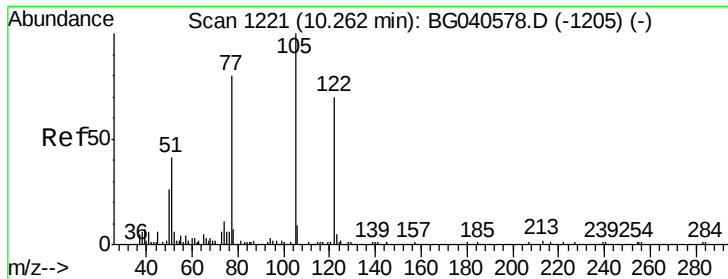
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->



Time-->



#32

Benzoic acid

Concen: 0.106 ng

RT: 10.25 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

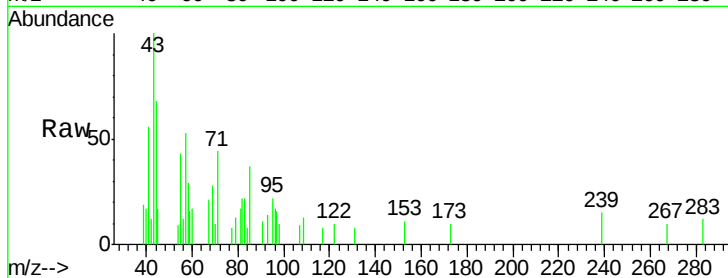
Tot Ion:122 Resp: 193

Ion Ratio Lower Upper

122 100

105 0.0 110.9 150.9#

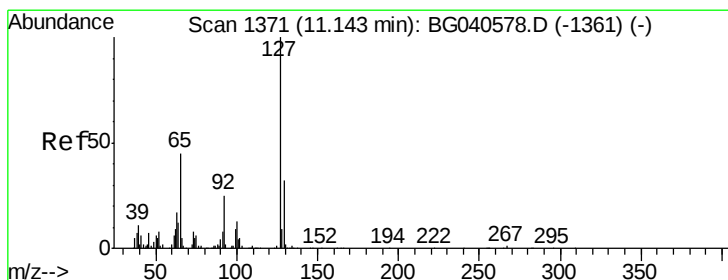
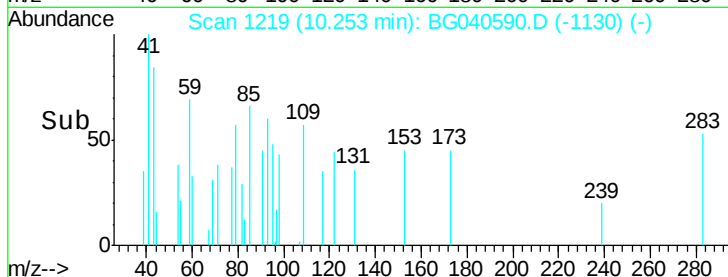
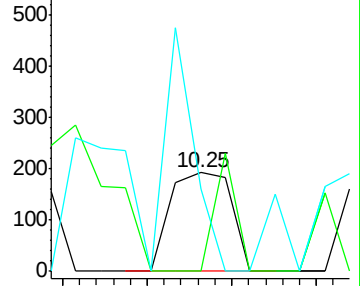
77 83.9 87.6 127.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 0.013 ng

RT: 11.15 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Tgt Ion:127 Resp: 54

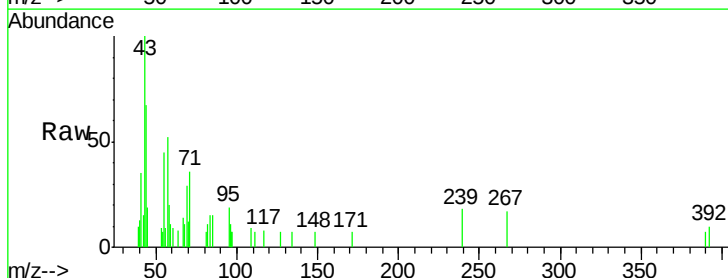
Ion Ratio Lower Upper

127 100

129 0.0 25.7 38.5#

65 0.0 36.1 54.1#

92 0.0 20.1 30.1#

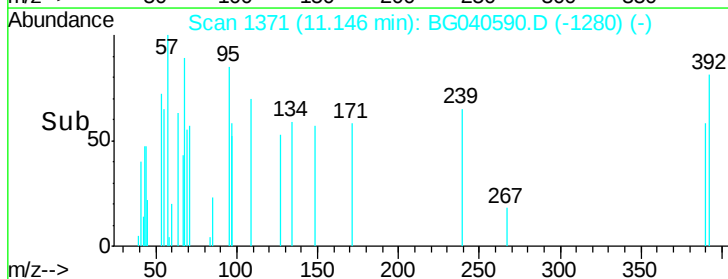
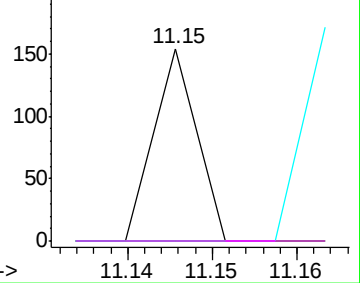


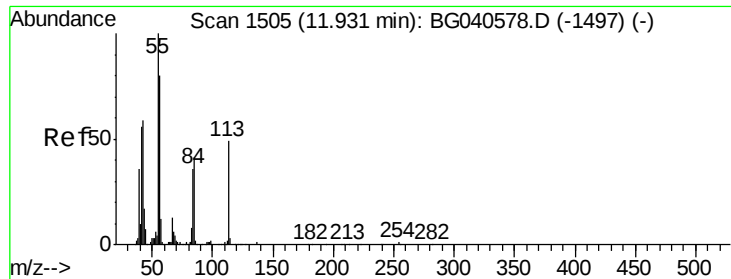
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#35

Caprolactam

Concen: 0.047 ng

RT: 11.87 min Scan# 1494

Delta R.T. -0.06 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

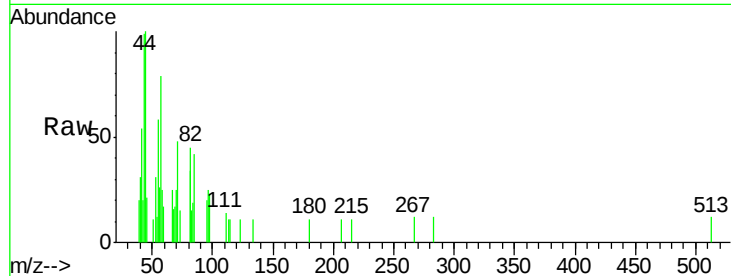
Tot Ion:113 Resp: 56

Ion Ratio Lower Upper

113 100

55 540.5 198.6 238.6#

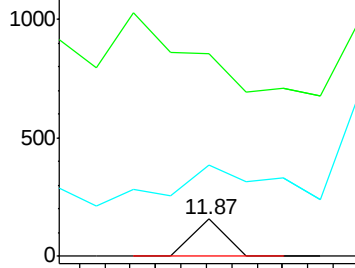
56 244.9 148.4 188.4#



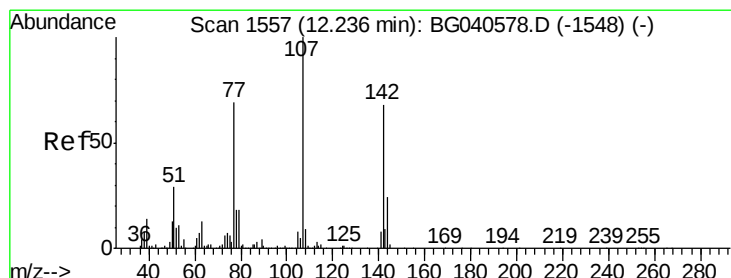
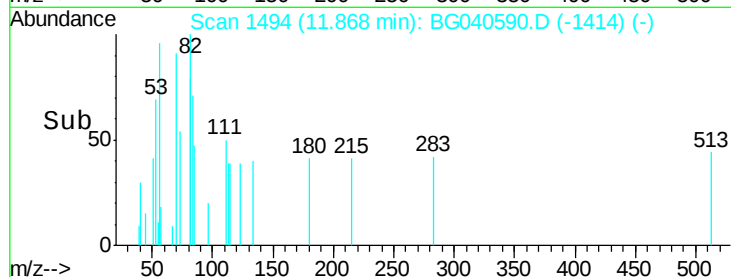
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



Time-->



#36

4-Chloro-3-methylphenol

Concen: 0.018 ng

RT: 12.21 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

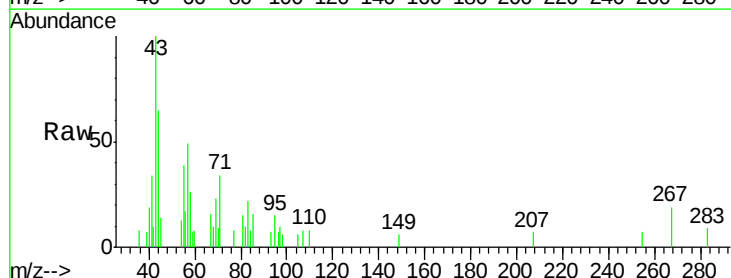
Tgt Ion:107 Resp: 69

Ion Ratio Lower Upper

107 100

144 0.0 19.3 28.9#

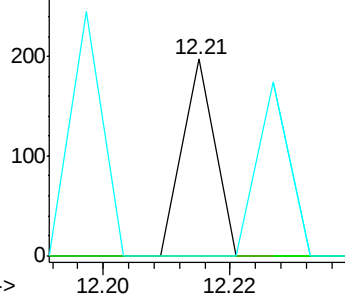
142 0.0 54.6 81.8#



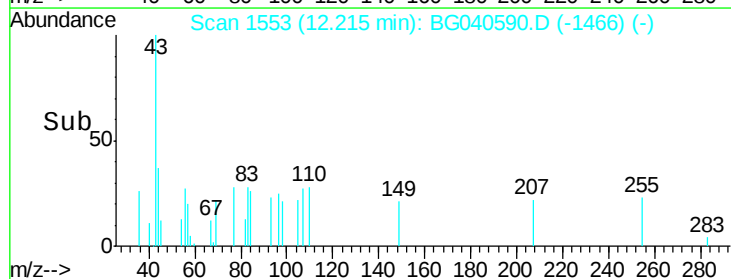
Abundance Ion 107.00 (106.70 to 107.70): E

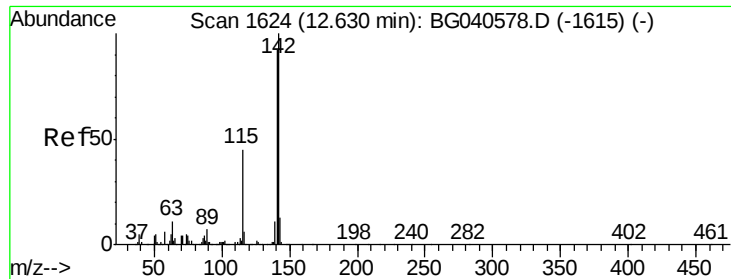
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->

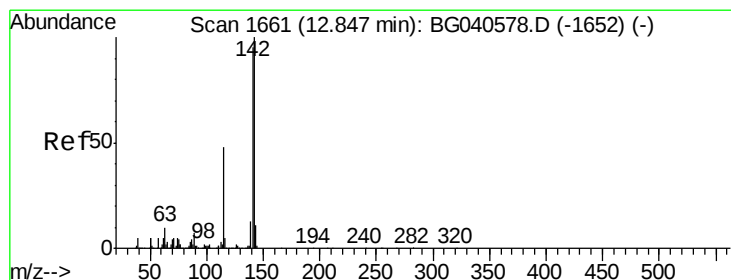
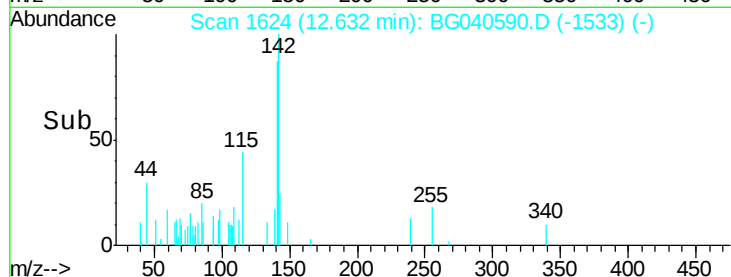
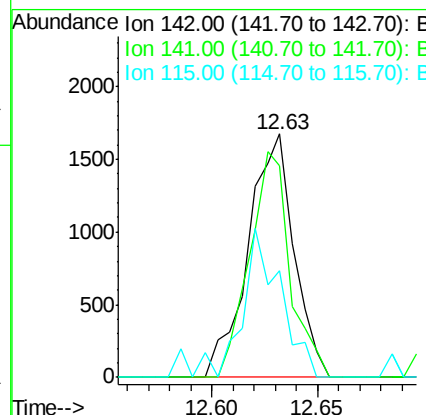
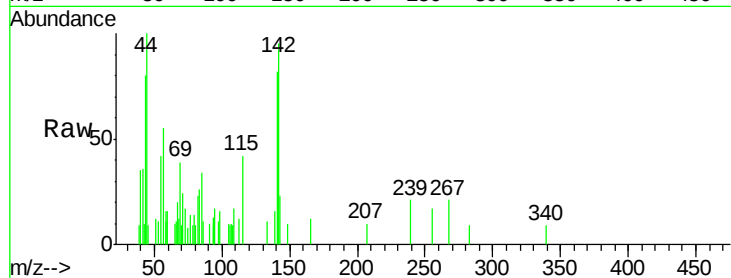




#37
2-Methylnaphthalene
Concen: 0.370 ng
RT: 12.63 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

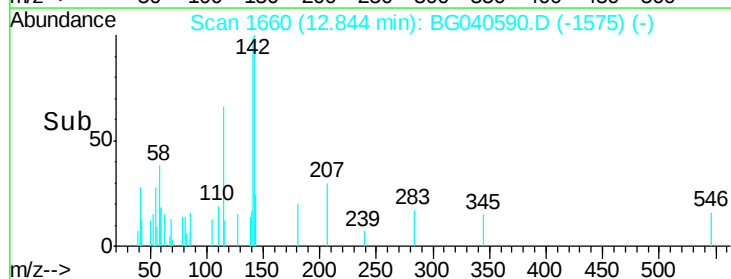
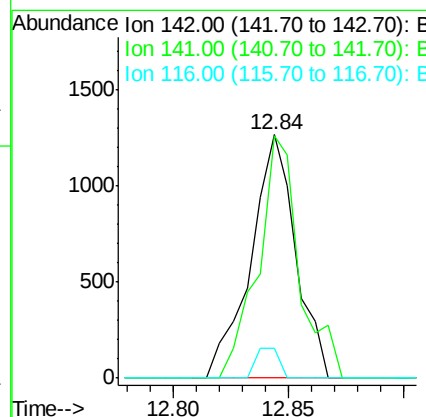
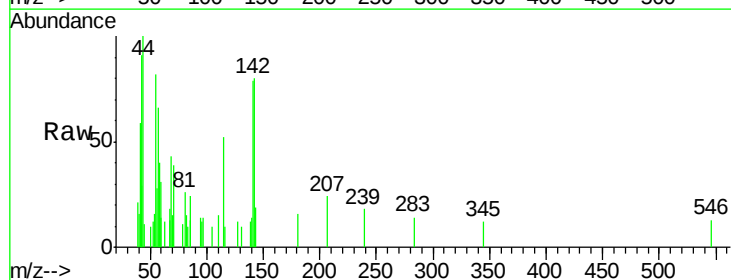
Instrument :
BNA_G
ClientSampleId :

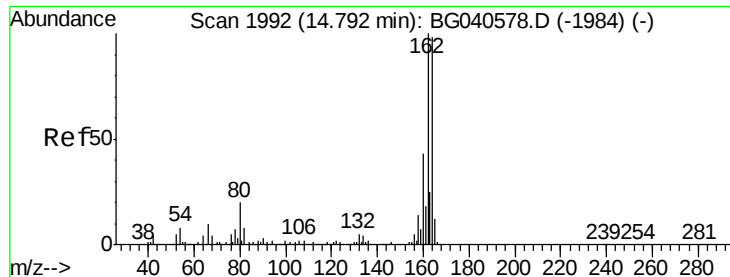
Tot Ion:142 Resp: 2525
Ion Ratio Lower Upper
142 100
141 86.9 73.4 110.2
115 43.8 36.2 54.4



#38
1-Methylnaphthalene
Concen: 0.257 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Tgt Ion:142 Resp: 1711
Ion Ratio Lower Upper
142 100
141 99.4 75.9 113.9
116 12.2 4.2 6.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

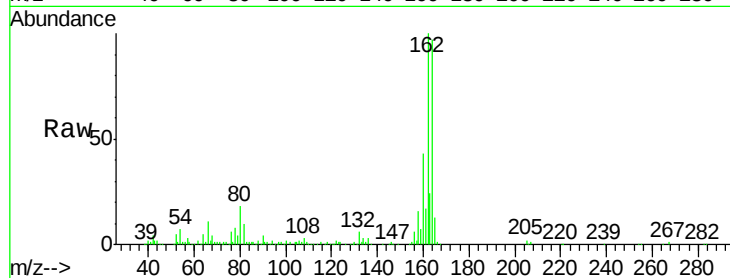
Tot Ion:164 Resp: 122913

Ion Ratio Lower Upper

164 100

162 102.7 81.9 122.9

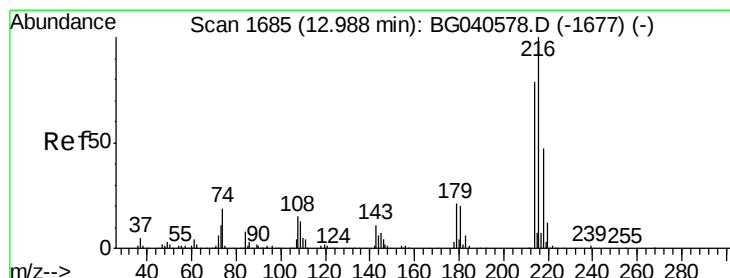
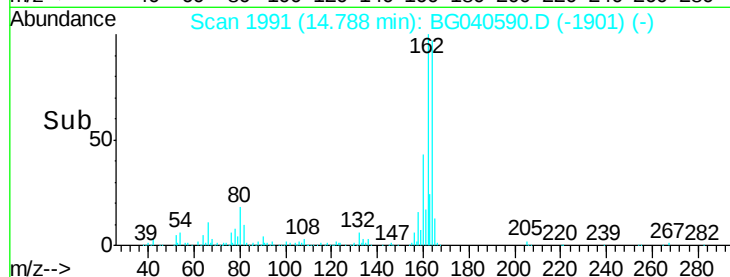
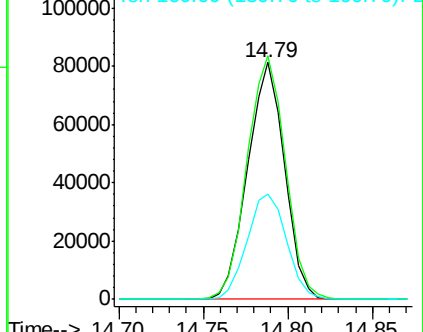
160 44.7 35.4 53.2



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: 0.013 ng

RT: 12.49 min Scan# 1600

Delta R.T. -0.50 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Tgt Ion:216 Resp: 60

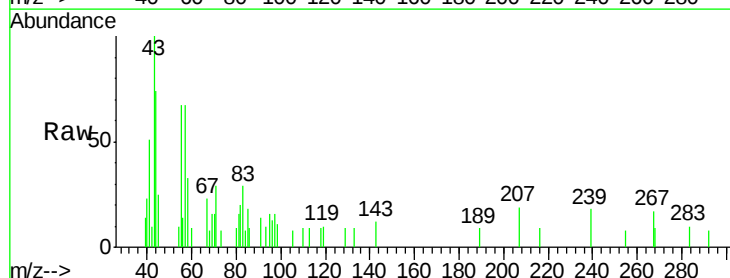
Ion Ratio Lower Upper

216 100

214 0.0 63.7 95.5#

179 0.0 16.6 24.8#

108 0.0 14.7 22.1#

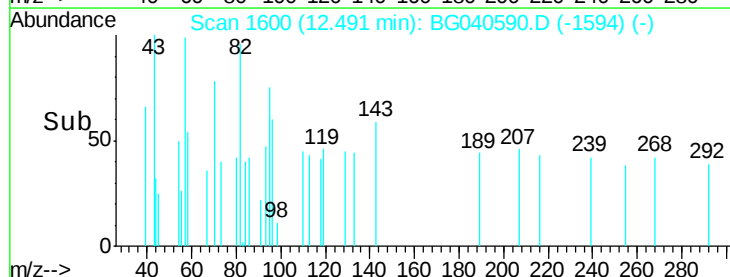
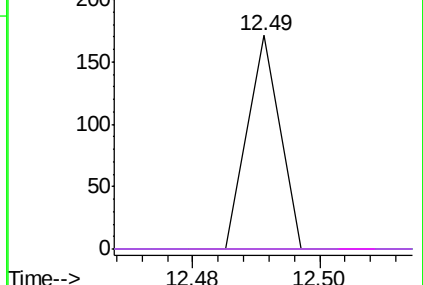


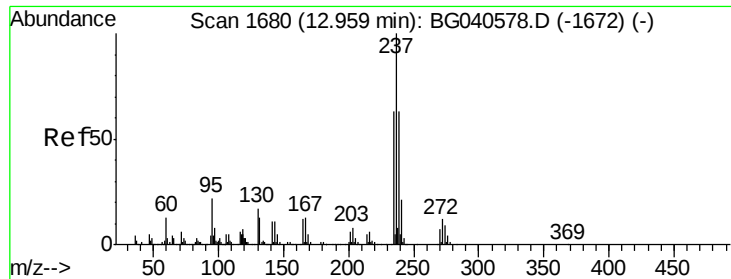
Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.76 min Scan# 1645

Delta R.T. -0.20 min

Lab File: BG040590.D

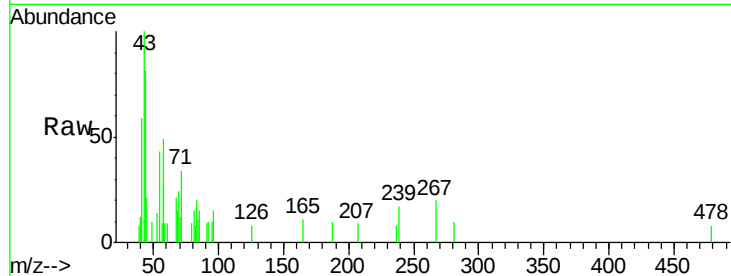
Acq: 24 Apr 2019 12:51

Instrument :

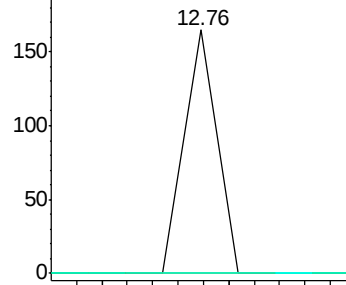
BNA_G

ClientSampleId :

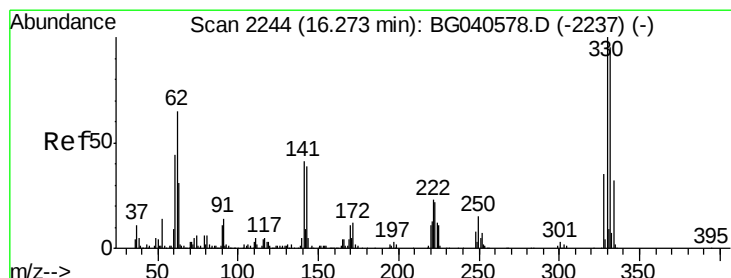
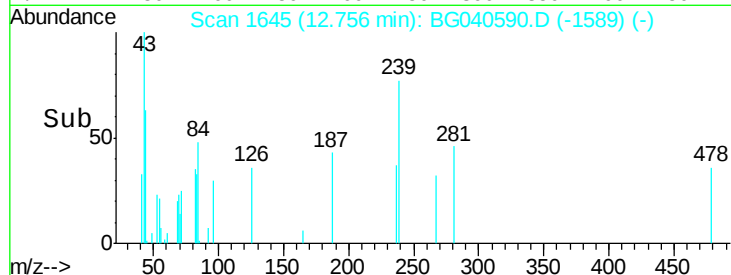
Tot Ion:	237	Resp:	58
Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.5	82.5#
272	0.0	0.0	31.6



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



Time-->



#42

2,4,6-Tribromophenol

Concen: 147.044 ng

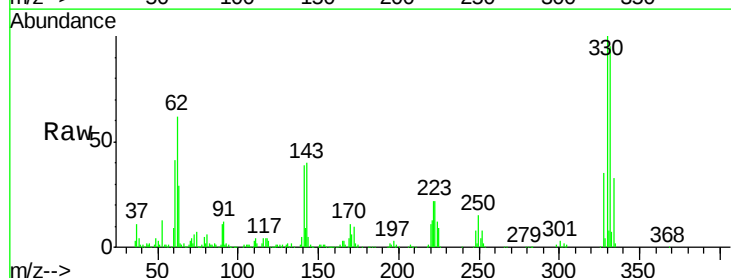
RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

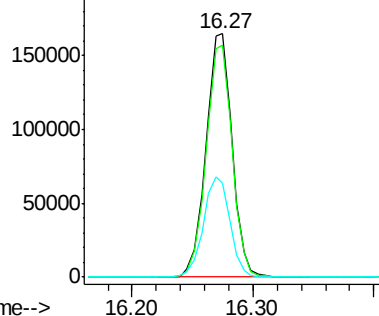
Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

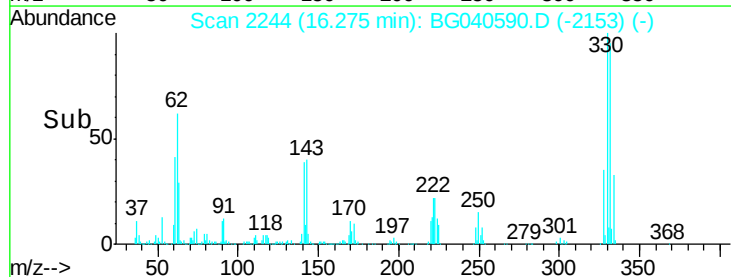
Tgt Ion:	330	Resp:	248426
Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.9	113.9
141	41.8	32.4	48.6

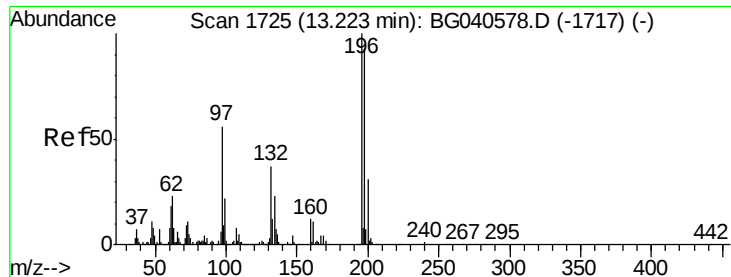


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->

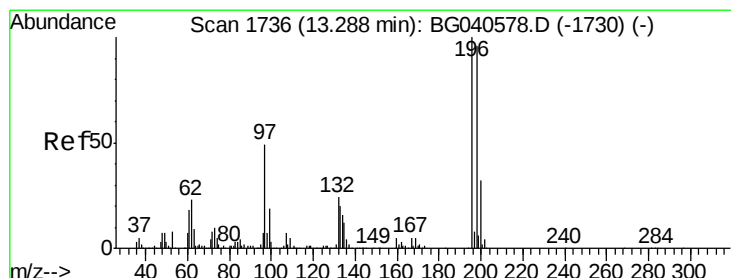
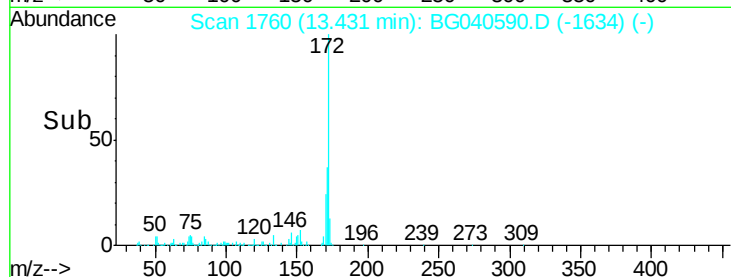
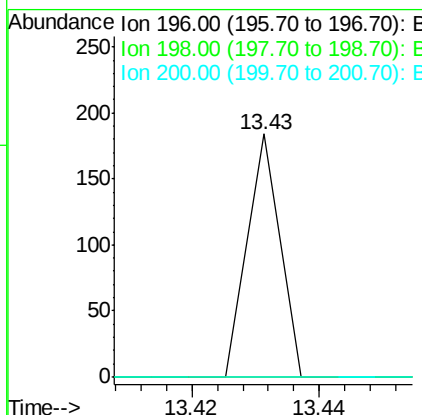
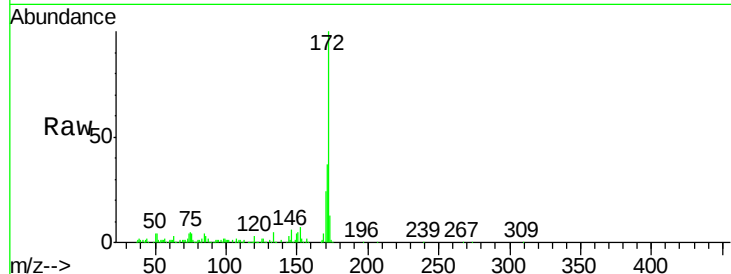




#43
 2,4,6-Trichlorophenol
 Concen: 0.023 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. 0.21 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

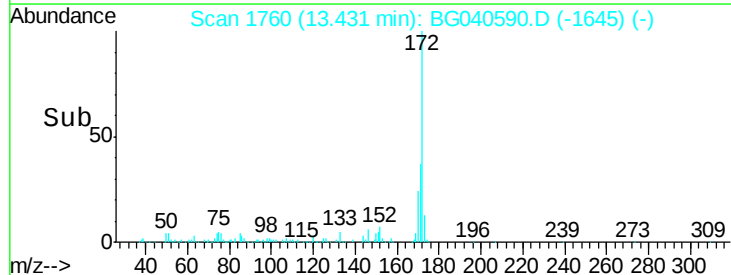
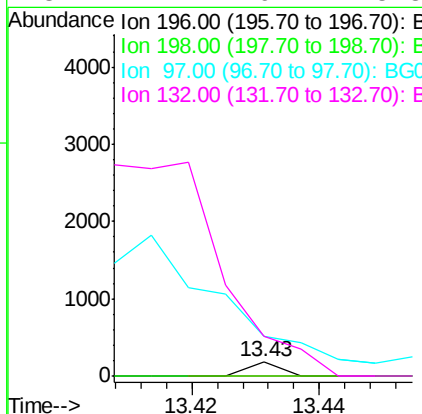
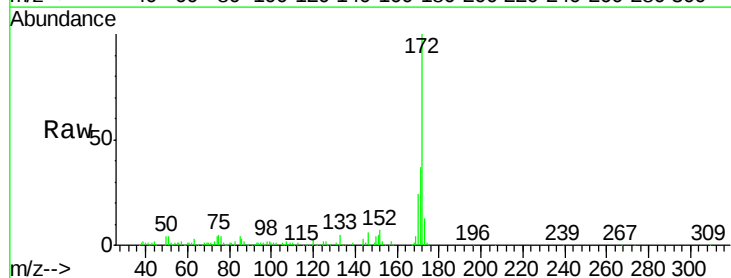
Instrument :
 BNA_G
 ClientSampleId :

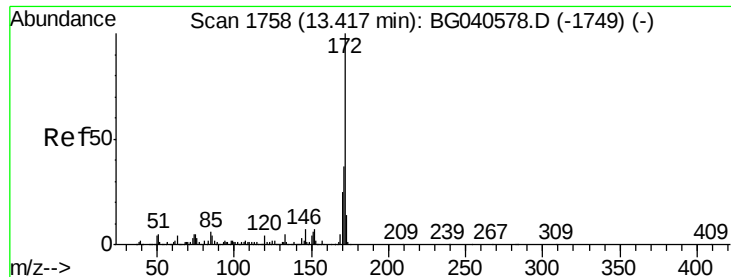
Tot Ion	196	Resp	65
Ion Ratio	Lower	Upper	
196	100		
198	0.0	74.8	112.2#
200	0.0	24.9	37.3#



#44
 2,4,5-Trichlorophenol
 Concen: 0.022 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. 0.14 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

Tgt Ion	196	Resp	65
Ion Ratio	Lower	Upper	
196	100		
198	0.0	77.0	115.6#
97	282.1	40.0	60.0#
132	277.2	19.2	28.8#

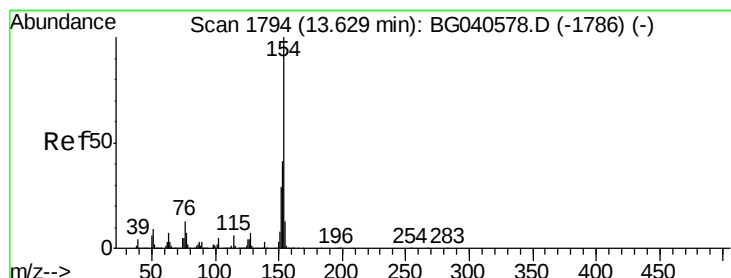
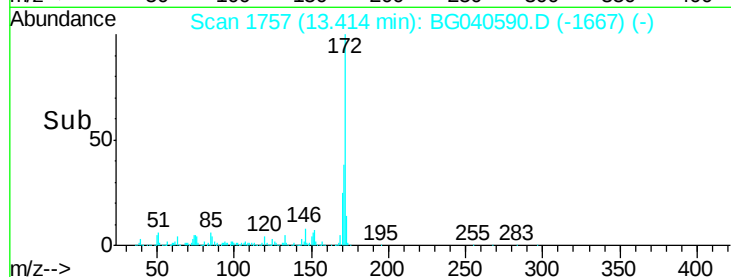
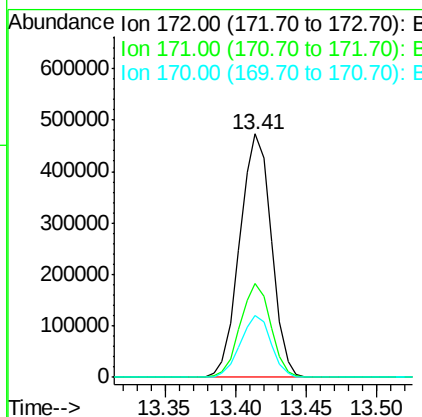
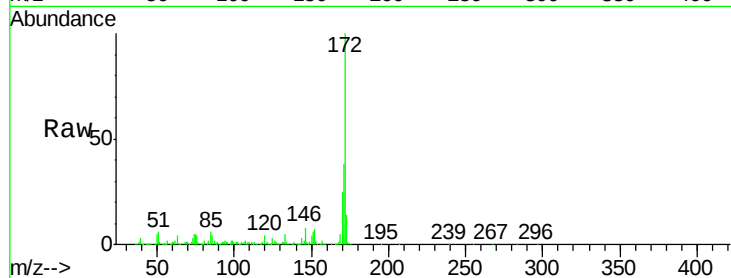




#45
 2-Fluorobiphenyl
 Concen: 87.097 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

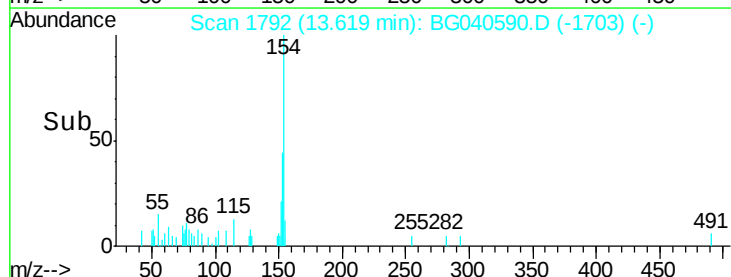
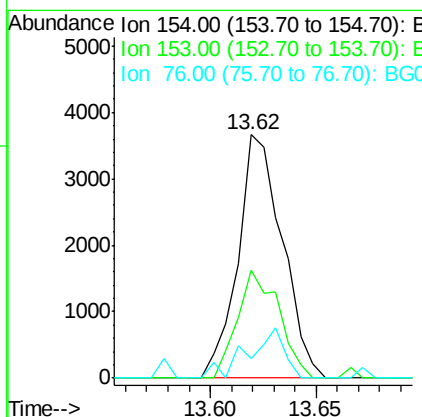
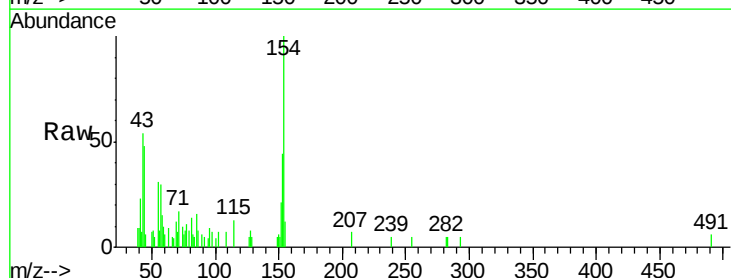
Instrument :
 BNA_G
 ClientSampleId :

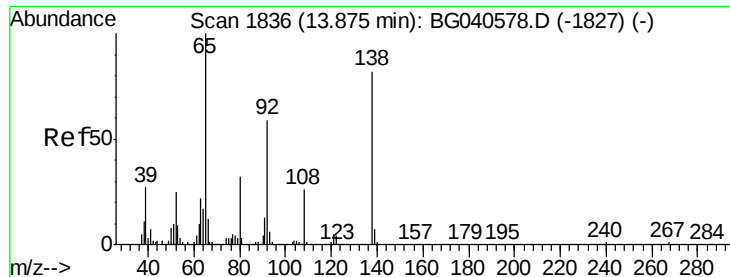
Tot Ion	Ion	Ratio	Lower	Upper
172	172	100		
171	171	38.3	29.4	44.2
170	170	25.3	19.9	29.9



#46
 1,1'-Biphenyl
 Concen: 0.558 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

Tgt Ion	Ion	Ratio	Lower	Upper
154	154	100		
153	153	44.3	20.5	60.5
76	76	8.0	0.0	32.5

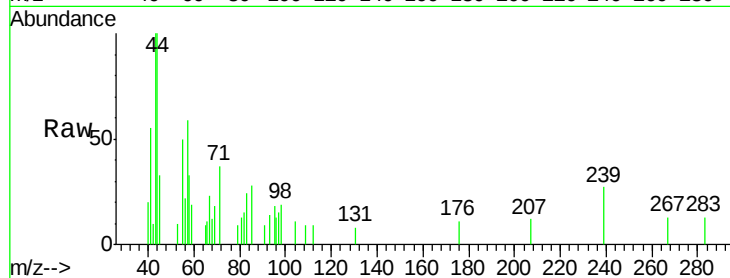




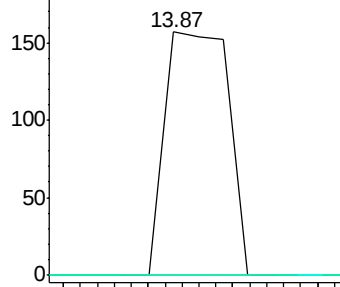
#48
2-Nitroaniline
Concen: 0.061 ng
RT: 13.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Instrument :
BNA_G
ClientSampleId :

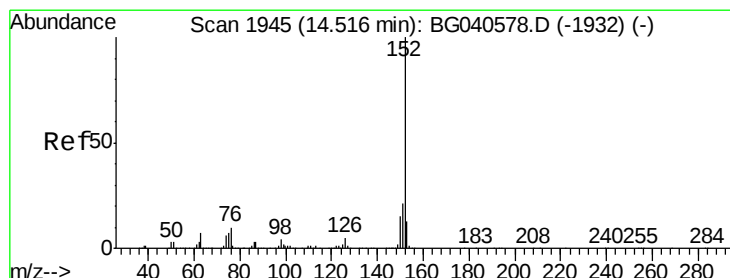
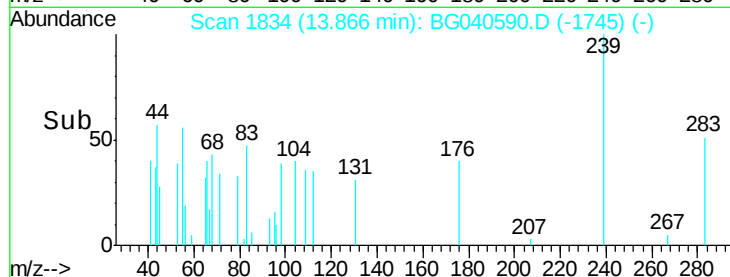
Tot Ion: 65 Resp: 163
Ion Ratio Lower Upper
65 100
92 0.0 47.4 71.0#
138 0.0 66.1 99.1#



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

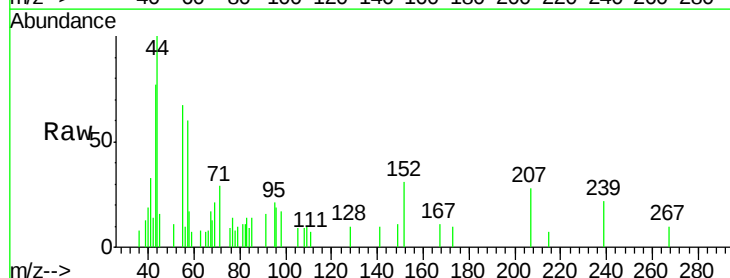


Time--> 13.84 13.86 13.88 13.90

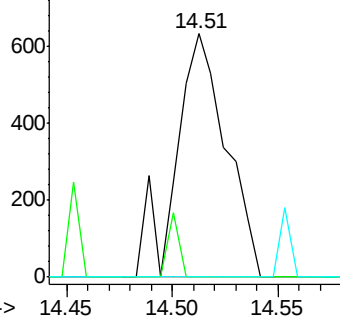


#49
Acenaphthylene
Concen: 0.083 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

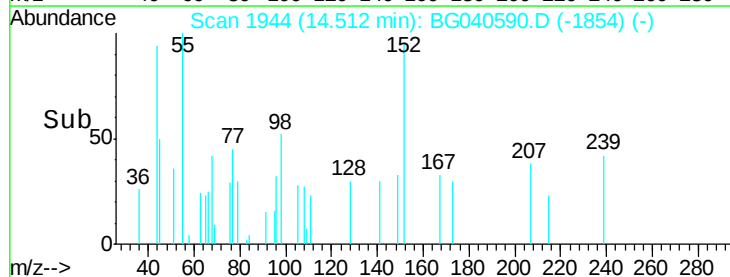
Tgt Ion: 152 Resp: 1046
Ion Ratio Lower Upper
152 100
151 0.0 17.2 25.8#
153 0.0 10.7 16.1#

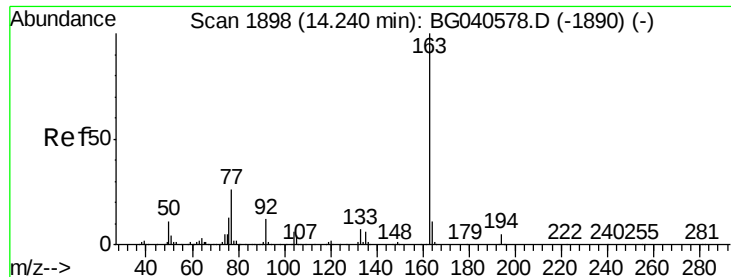


Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC



Time--> 14.45 14.50 14.55





#50

Dimethylphthalate

Concen: 0.006 ng

RT: 14.24 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG040590.D

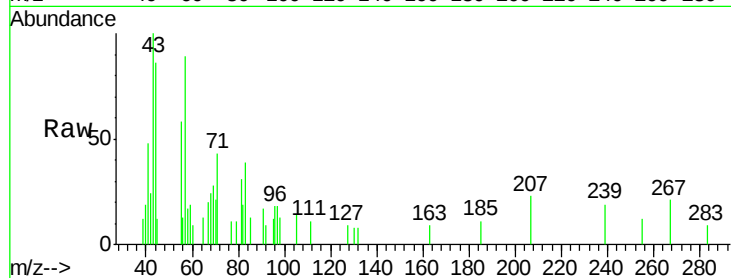
Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

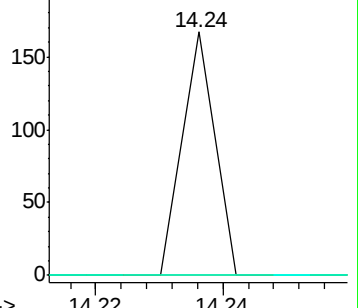
Tot Ion:	163	Resp:	59
Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.8	5.8#
164	0.0	8.8	13.2#



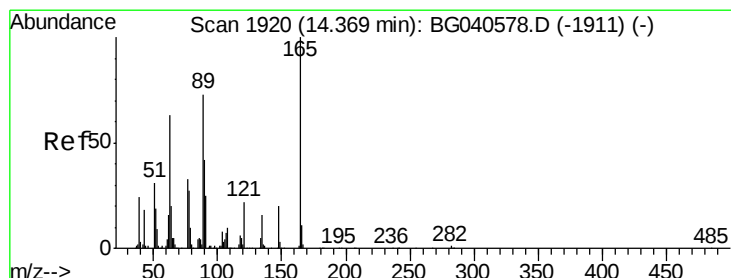
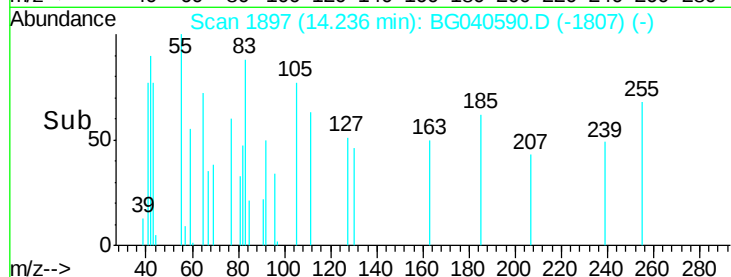
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#51

2,6-Dinitrotoluene

Concen: 0.263 ng

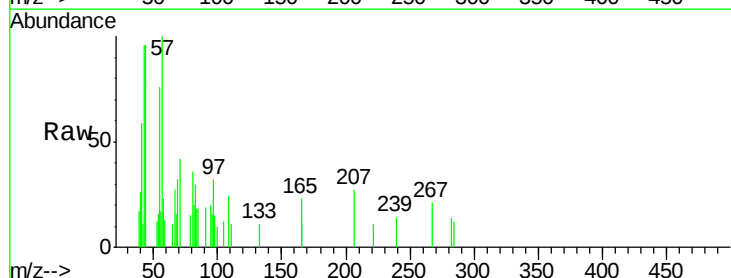
RT: 14.30 min Scan# 1908

Delta R.T. -0.07 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

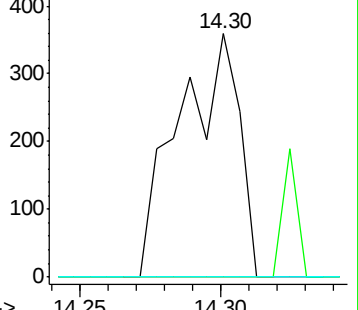
Tgt Ion:	165	Resp:	527
Ion	Ratio	Lower	Upper
165	100		
63	0.0	61.0	91.4#
89	0.0	58.6	87.8#



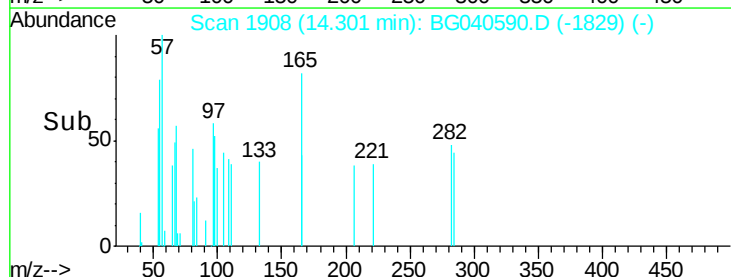
Abundance Ion 165.00 (164.70 to 165.70): E

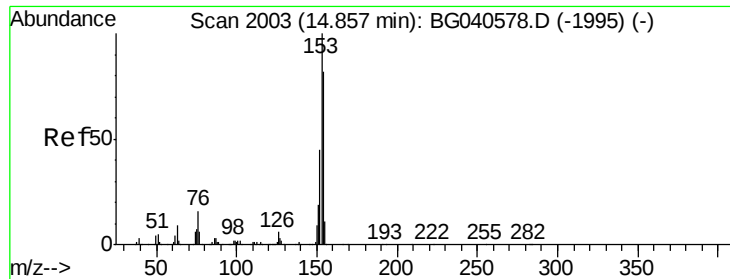
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



Time-->





#52

Acenaphthene

Concen: 0.159 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040590.D

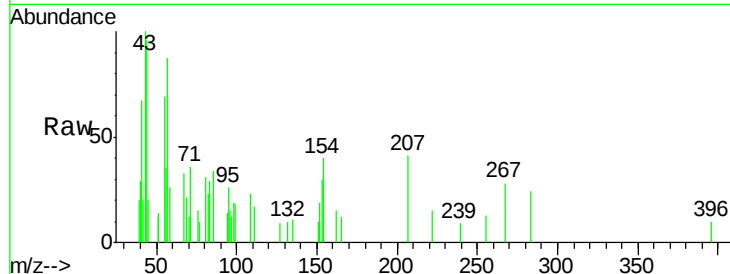
Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

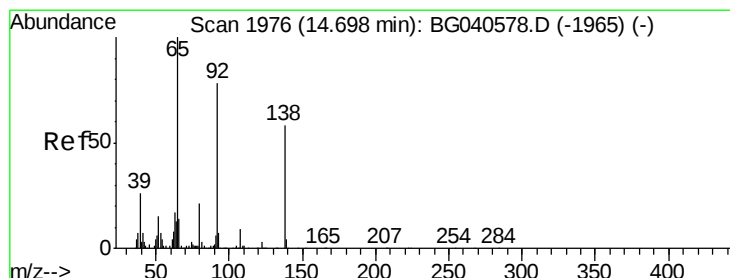
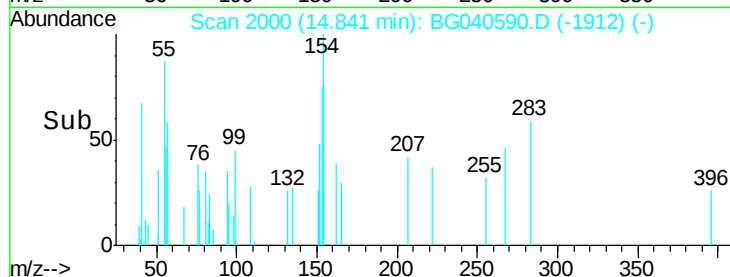
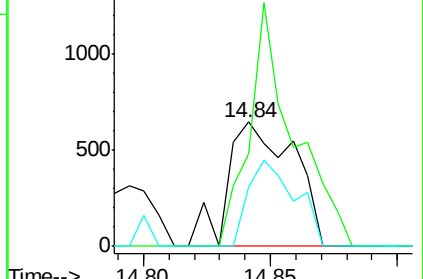
Tot Ion:	154	Resp:	1171
Ion	Ratio	Lower	Upper
154	100		
153	74.8	97.0	145.6#
152	48.0	44.1	66.1



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



#53

3-Nitroaniline

Concen: 0.054 ng

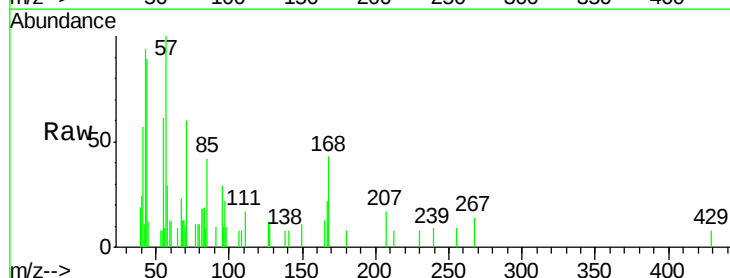
RT: 14.74 min Scan# 1983

Delta R.T. 0.04 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

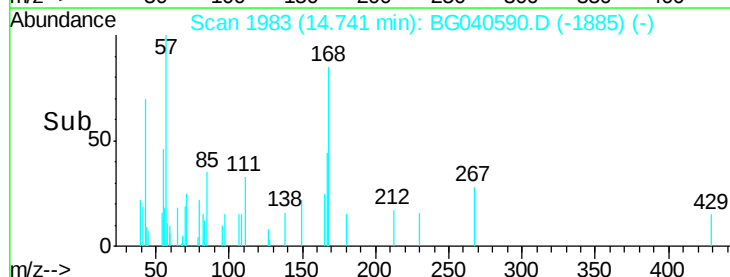
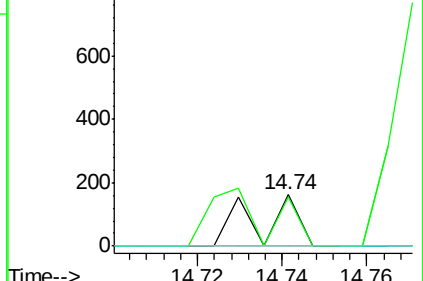
Tgt Ion:	138	Resp:	112
Ion	Ratio	Lower	Upper
138	100		
108	95.7	12.4	18.6#
92	0.0	108.6	162.8#

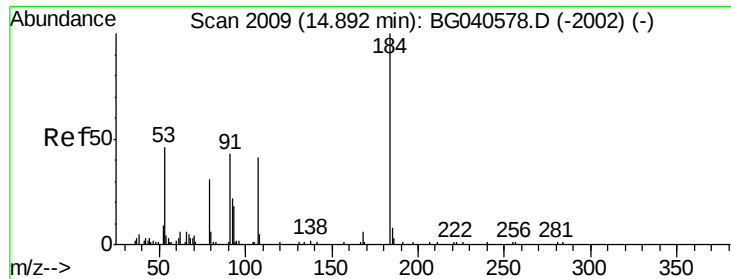


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

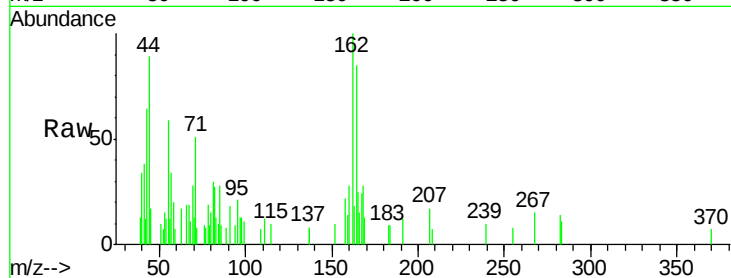




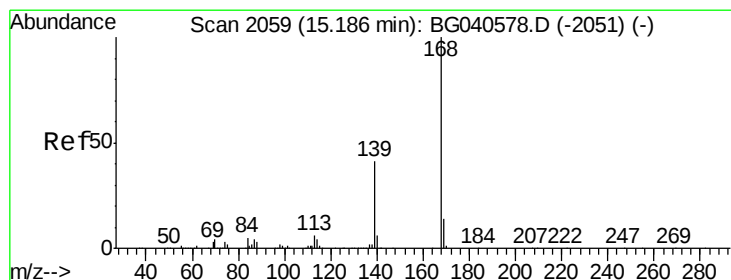
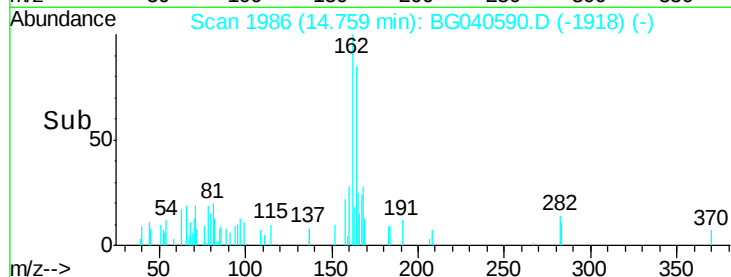
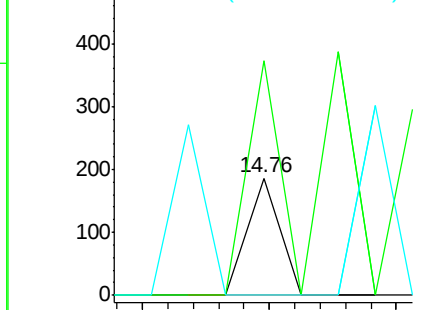
#54
2,4-Dinitrophenol
Concen: 7.068 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.13 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 200.5 51.8 77.6#
154 0.0 43.6 65.4#

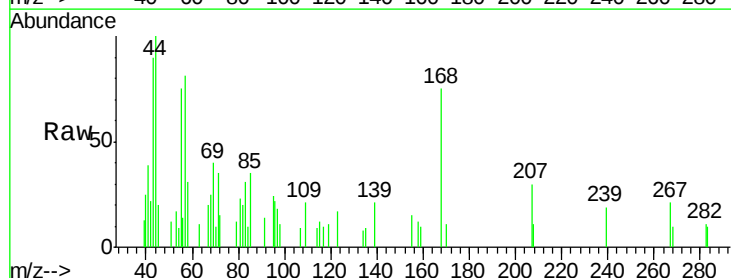


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

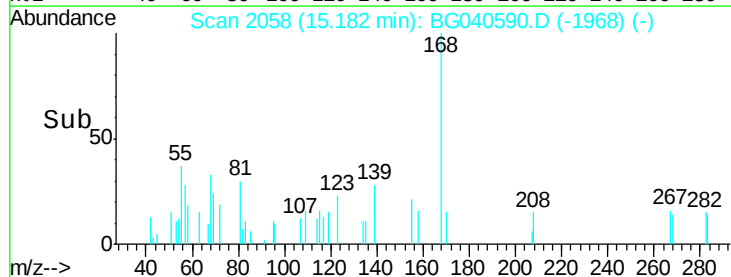
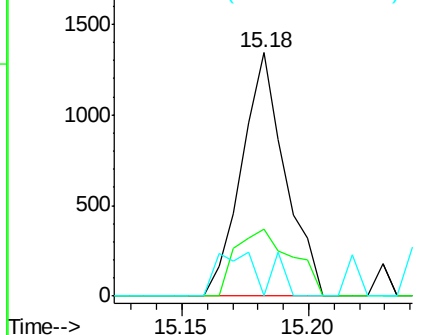


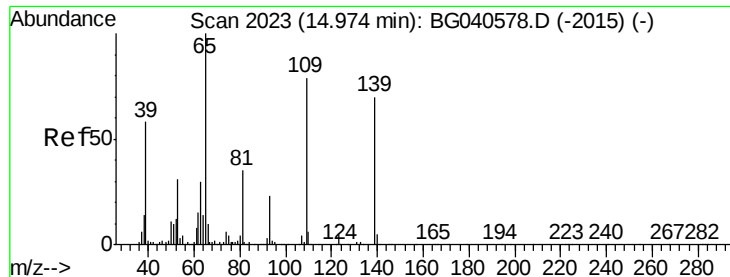
#55
Dibenzofuran
Concen: 0.133 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Tgt Ion:168 Resp: 1603
Ion Ratio Lower Upper
168 100
139 27.8 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

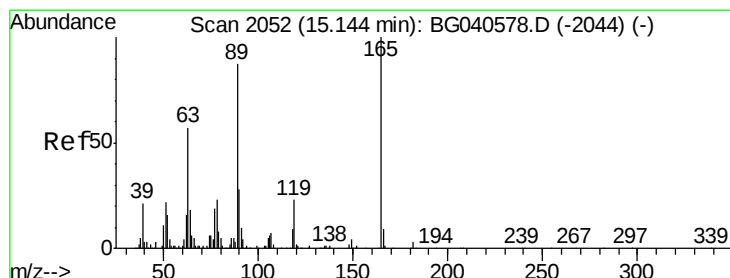
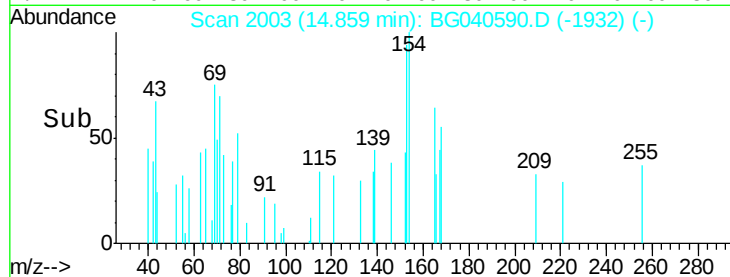
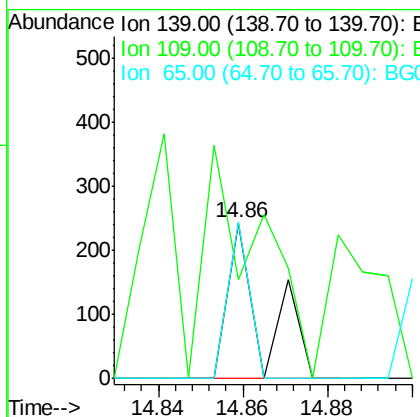
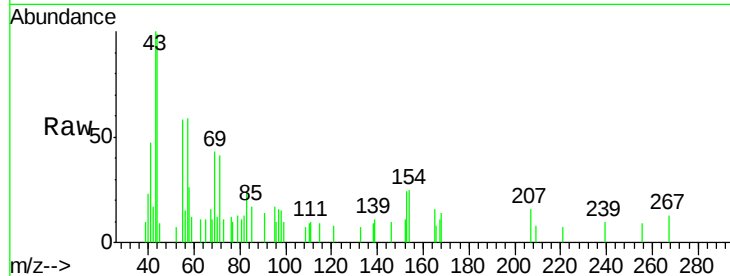




#56
4-Nitrophenol
Concen: 0.078 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.12 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

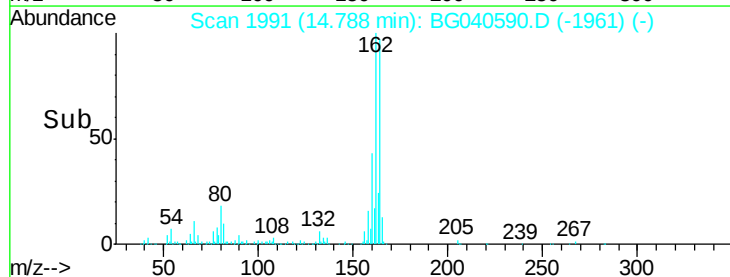
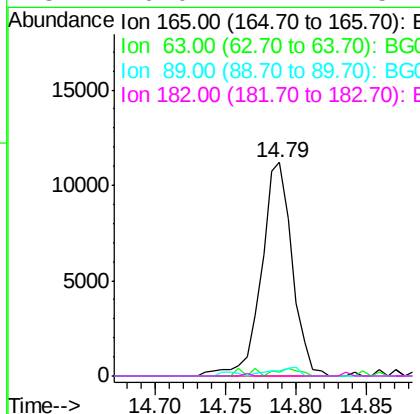
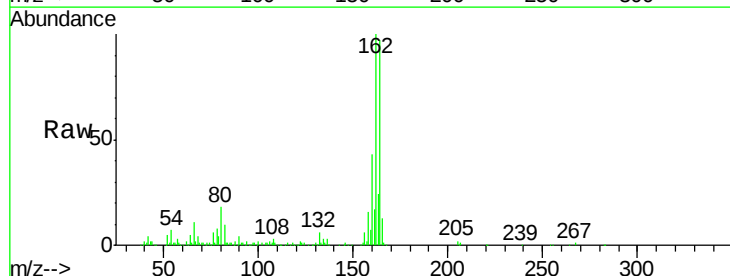
Instrument :
BNA_G
ClientSampleId :

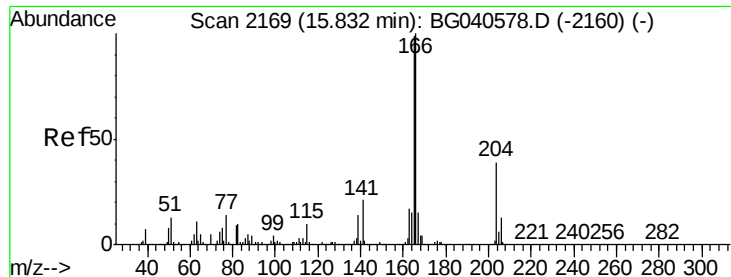
Tot Ion:139 Resp: 139
Ion Ratio Lower Upper
139 100
109 63.2 93.8 133.8#
65 100.8 122.7 162.7#



#57
2,4-Dinitrotoluene
Concen: 6.279 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.36 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Tgt Ion:165 Resp: 17124
Ion Ratio Lower Upper
165 100
63 1.9 45.8 68.8#
89 2.2 69.4 104.2#
182 0.0 2.2 3.4#

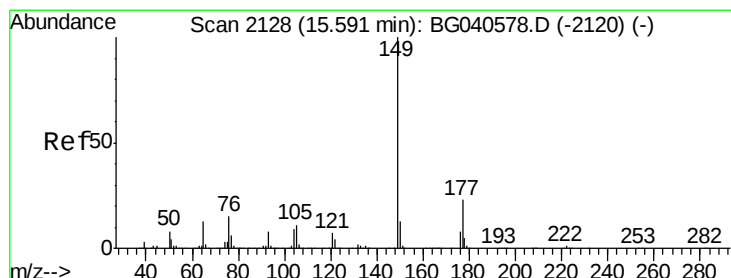
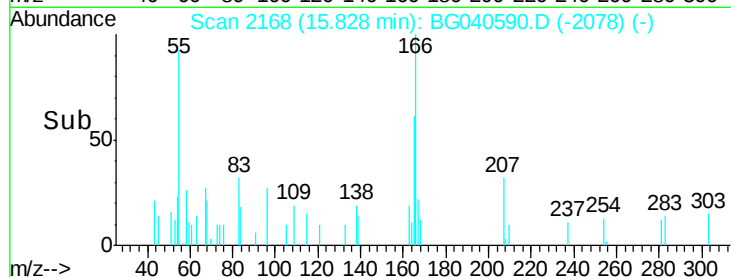
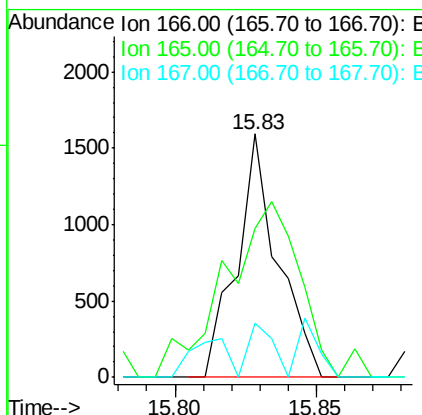
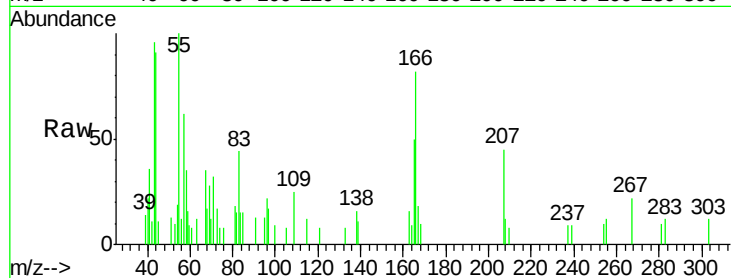




#58
 Fluorene
 Concen: 0.164 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

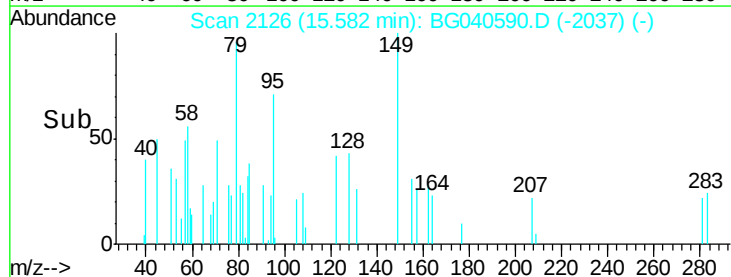
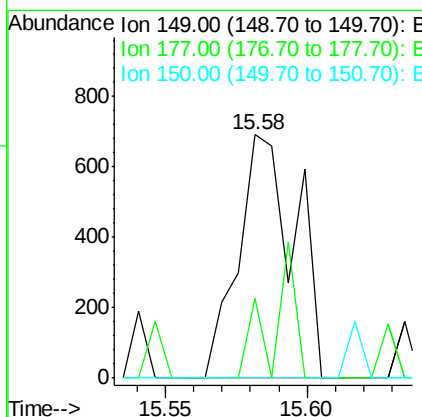
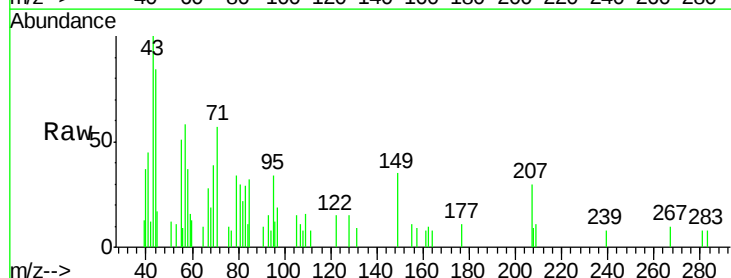
Instrument :
 BNA_G
 ClientSampleId :

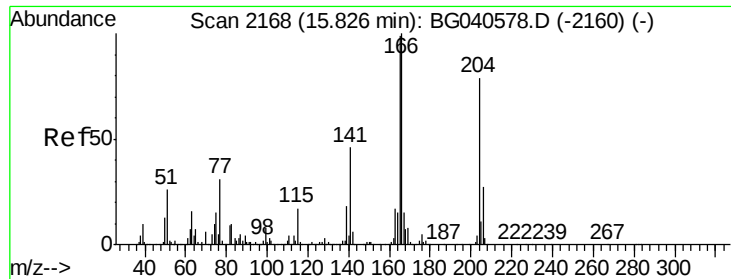
Tot Ion:166 Resp: 1603
 Ion Ratio Lower Upper
 166 100
 165 61.0 79.6 119.4#
 167 22.2 12.2 18.2#



#60
 Diethylphthalate
 Concen: 0.089 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

Tgt Ion:149 Resp: 962
 Ion Ratio Lower Upper
 149 100
 177 32.9 18.5 27.7#
 150 0.0 10.2 15.4#

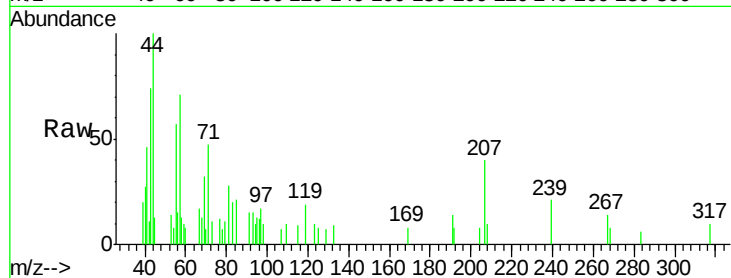




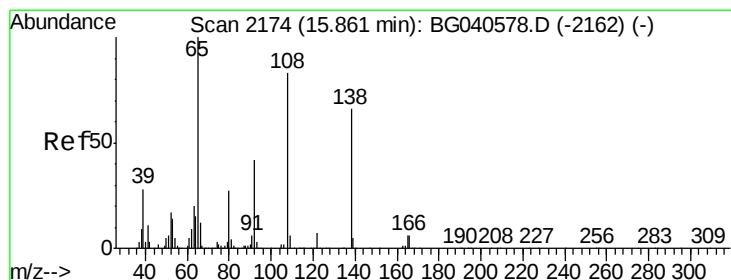
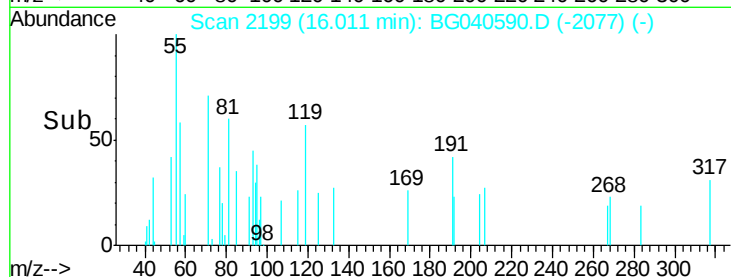
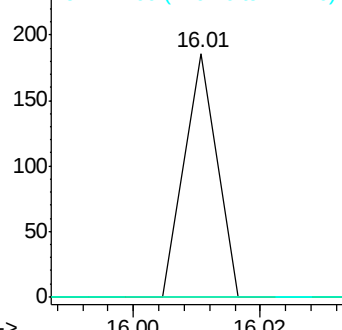
#61
 4-Chlorophenyl-phenylether
 Concen: 0.012 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. 0.18 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 204 Resp: 66
 Ion Ratio Lower Upper
 204 100
 206 0.0 27.4 41.2#
 141 0.0 46.0 69.0#

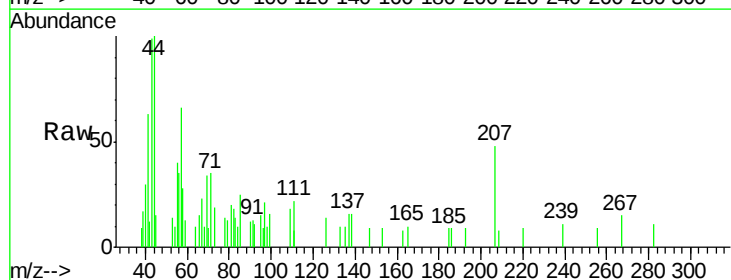


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

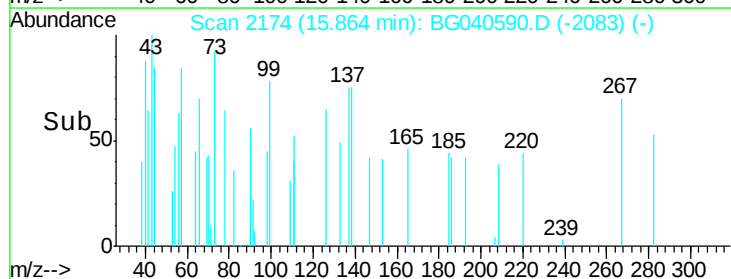
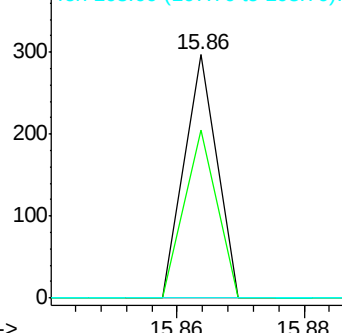


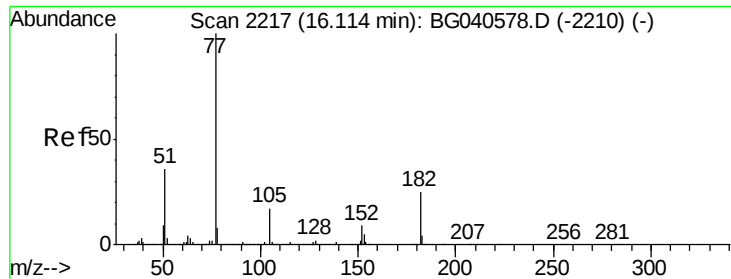
#62
 4-Nitroaniline
 Concen: 0.046 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

Tgt Ion: 138 Resp: 105
 Ion Ratio Lower Upper
 138 100
 92 69.0 43.9 83.9
 108 0.0 106.5 146.5#



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

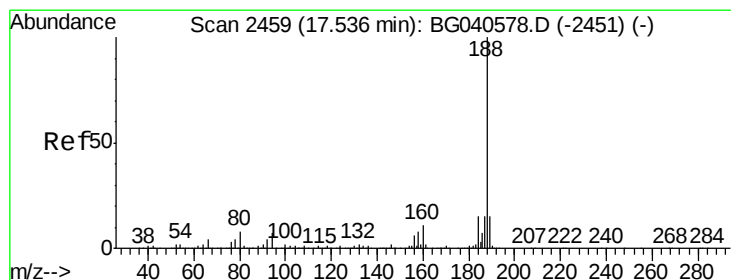
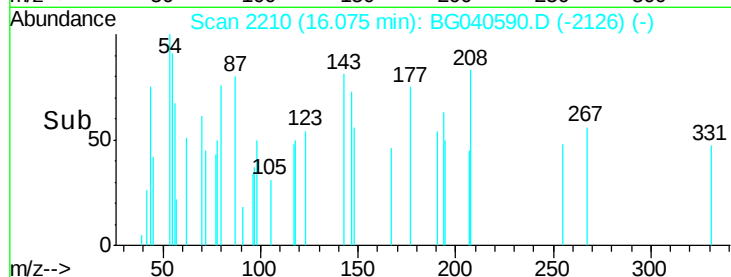
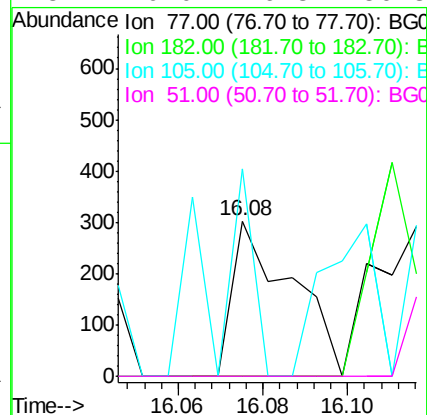
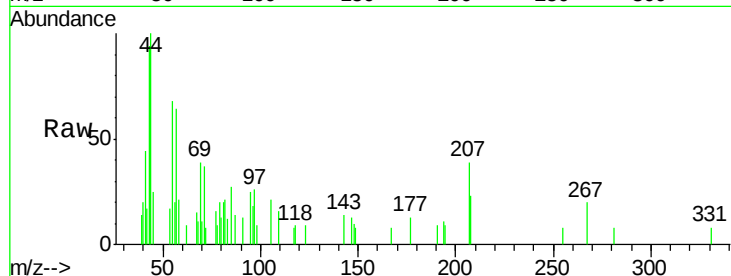




#63
Azobenzene
Concen: 0.026 ng
RT: 16.08 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

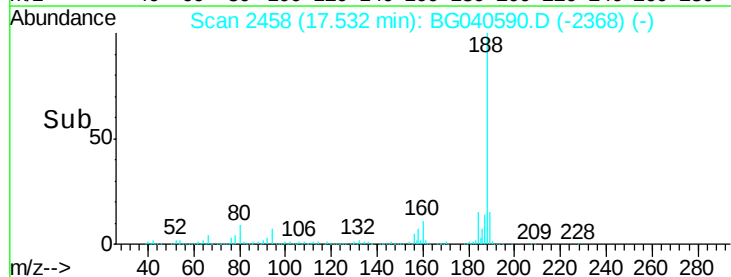
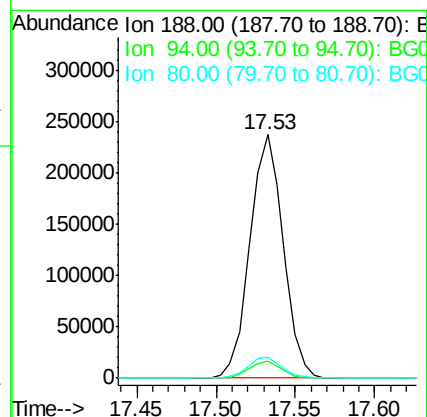
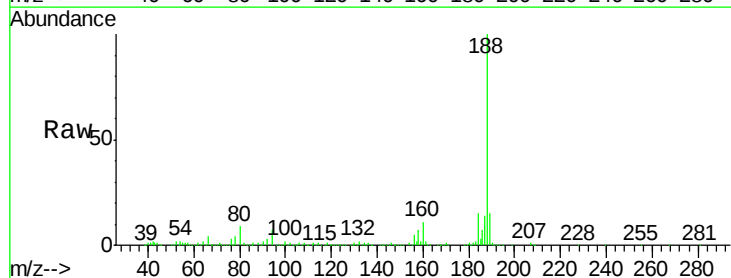
Instrument :
BNA_G
ClientSampleId :

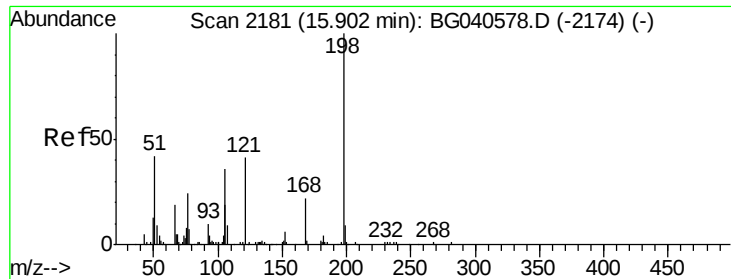
Tot Ion: 77 Resp: 295
Ion Ratio Lower Upper
77 100
182 0.0 5.0 45.0#
105 133.3 0.0 37.6#
51 0.0 16.3 56.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG040590.D
Acq: 24 Apr 2019 12:51

Tgt Ion: 188 Resp: 346486
Ion Ratio Lower Upper
188 100
94 6.8 5.6 8.4
80 8.7 6.4 9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.142 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.04 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

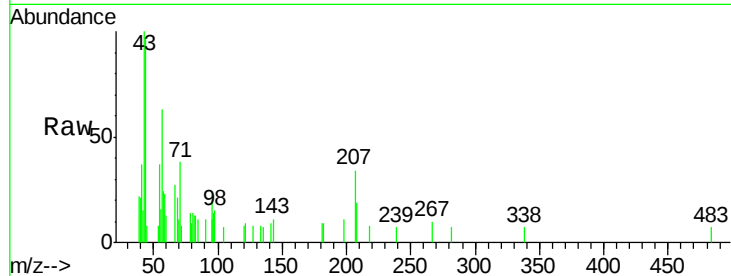
Tot Ion:198 Resp: 81

Ion Ratio Lower Upper

198 100

51 0.0 35.9 75.9#

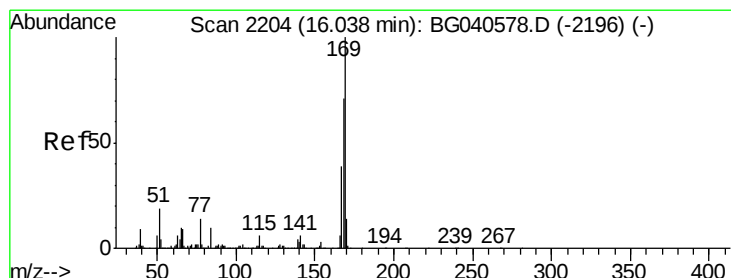
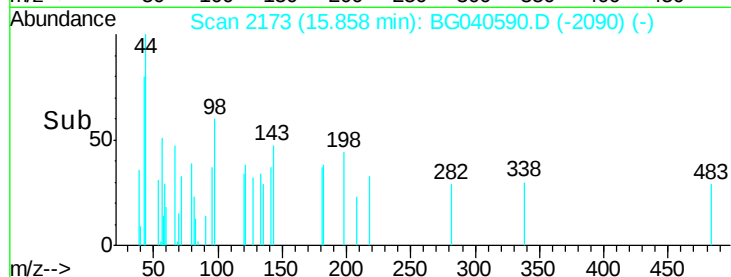
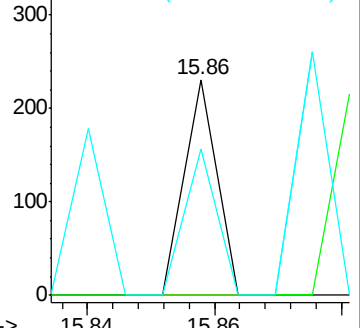
105 68.0 21.2 61.2#



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: 0.984 ng

RT: 16.27 min Scan# 2243

Delta R.T. 0.23 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

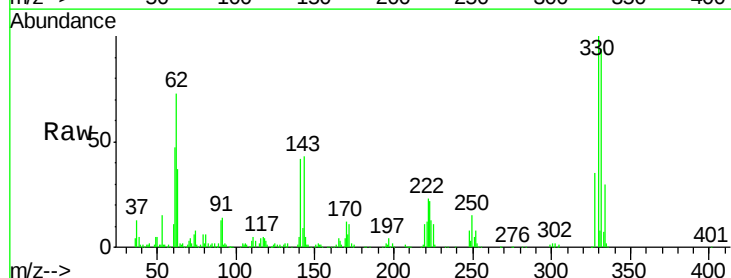
Tgt Ion:169 Resp: 10031

Ion Ratio Lower Upper

169 100

168 5.5 56.8 85.2#

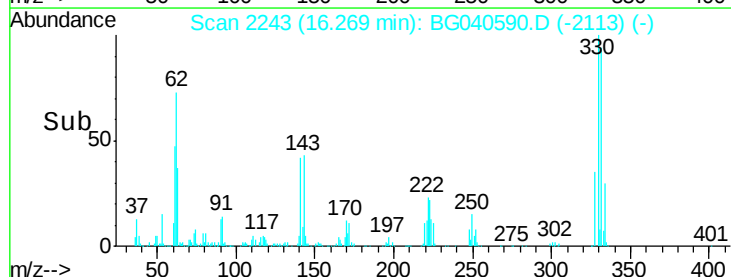
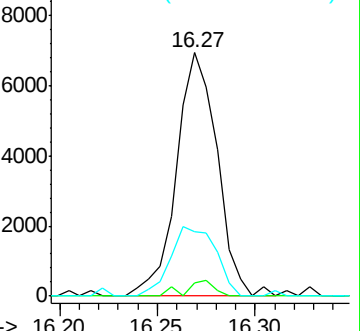
167 26.5 31.4 47.0#

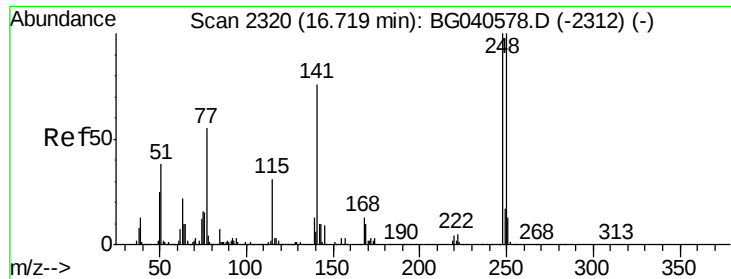


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

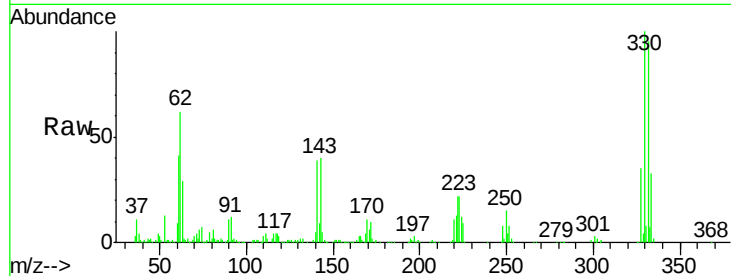




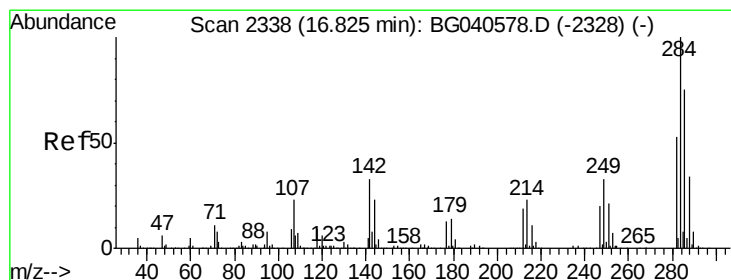
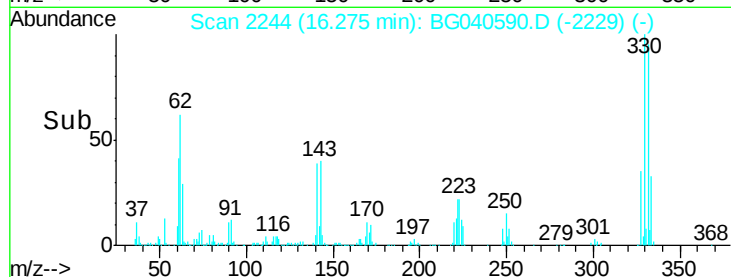
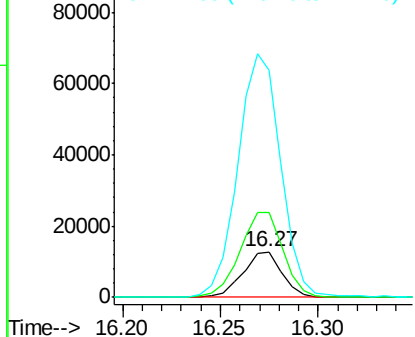
#67
 4-Bromophenyl-phenylether
 Concen: 4.109 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.44 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 17739
 Ion Ratio Lower Upper
 248 100
 250 187.9 79.8 119.6#
 141 498.8 60.8 91.2#

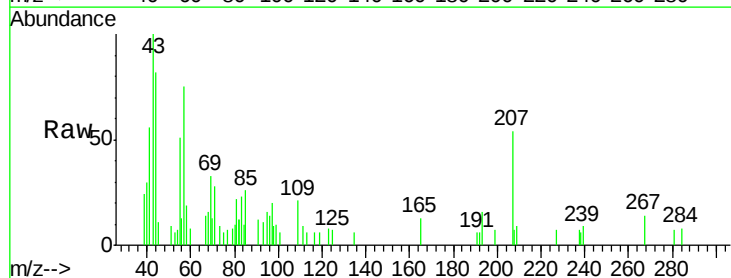


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

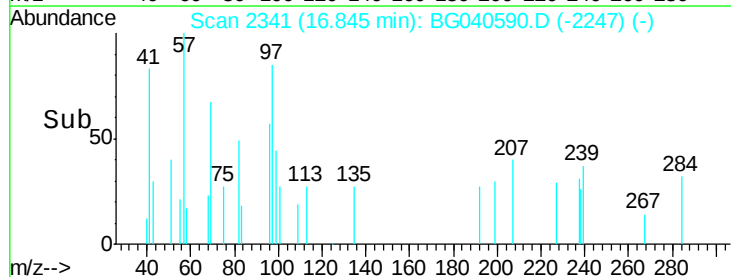
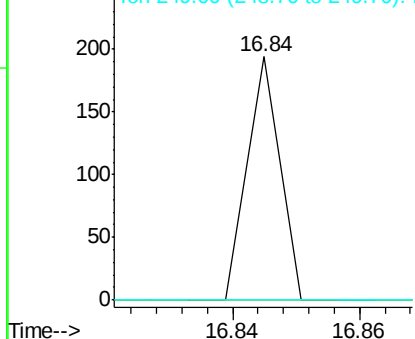


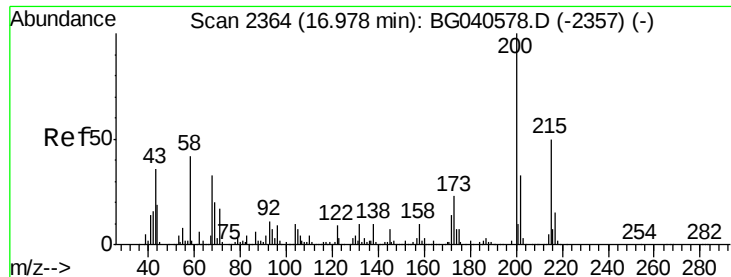
#68
 Hexachlorobenzene
 Concen: 0.015 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. 0.02 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

Tgt Ion:284 Resp: 68
 Ion Ratio Lower Upper
 284 100
 142 0.0 26.6 40.0#
 249 0.0 26.0 39.0#



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





#69

Atrazine

Concen: 0.016 ng

RT: 17.21 min Scan# 2403

Delta R.T. 0.23 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampled :

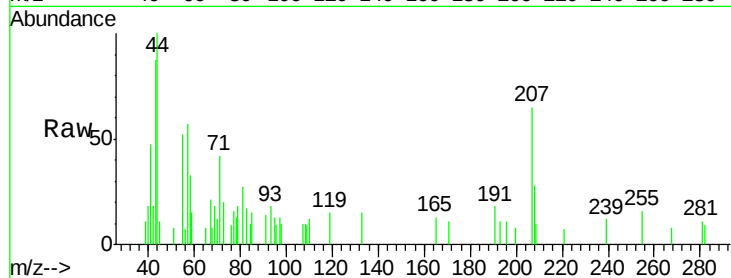
Tot Ion:200 Resp: 65

Ion Ratio Lower Upper

200 100

173 0.0 2.8 42.8#

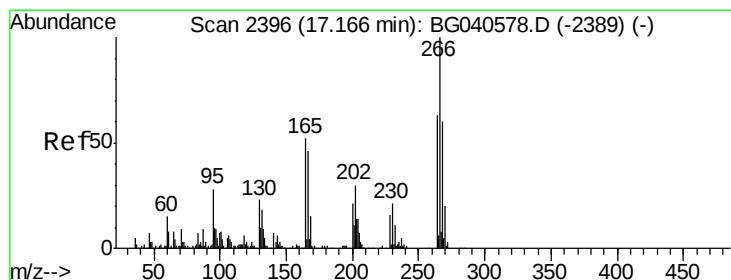
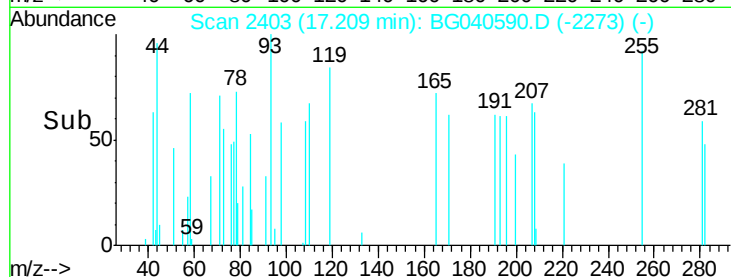
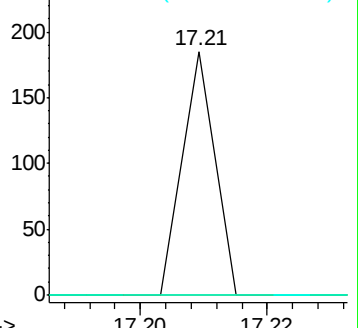
215 0.0 30.2 70.2#



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: 0.021 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.40 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

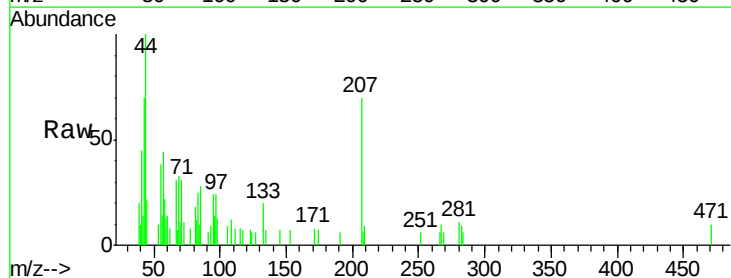
Tgt Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

268 0.0 52.3 78.5#

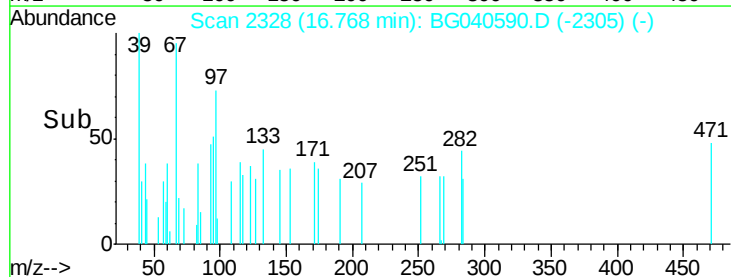
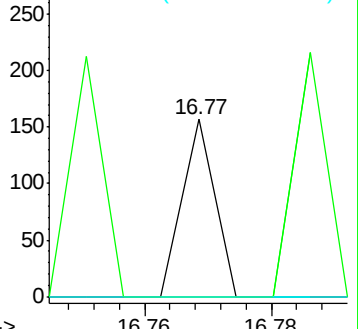
264 0.0 50.0 75.0#

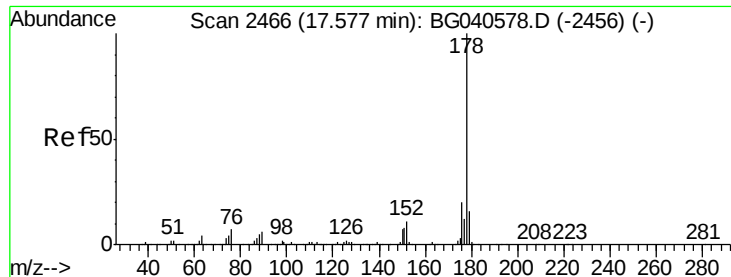


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 0.218 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

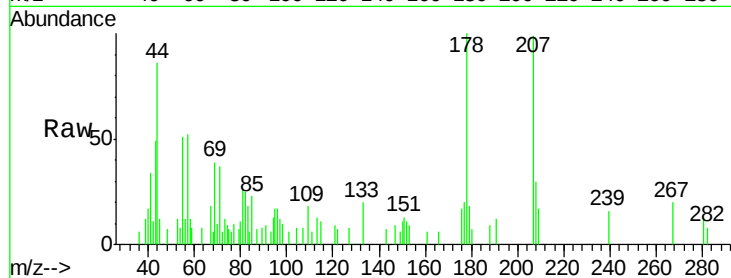
Tot Ion:178 Resp: 4062

Ion Ratio Lower Upper

178 100

176 17.2 15.8 23.6

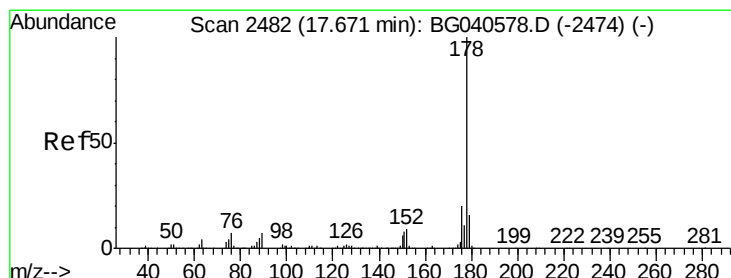
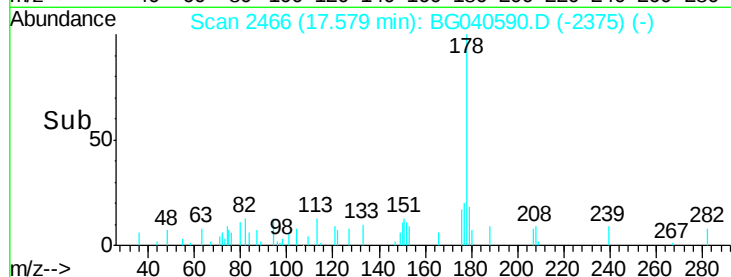
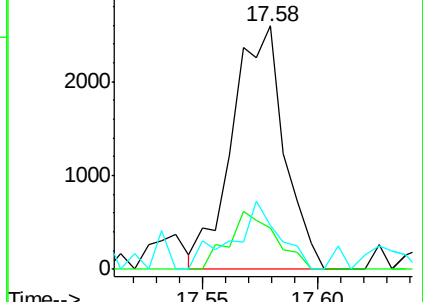
179 17.8 12.6 18.8



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: 0.217 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.09 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

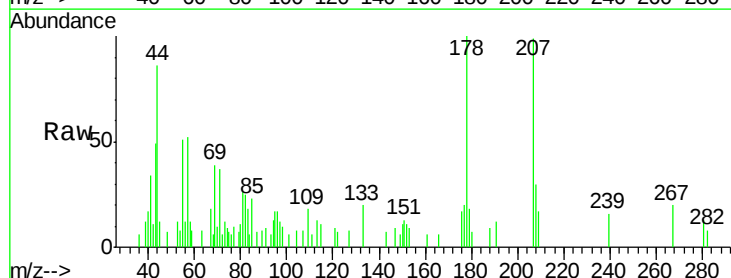
Tgt Ion:178 Resp: 4062

Ion Ratio Lower Upper

178 100

176 17.2 15.6 23.4

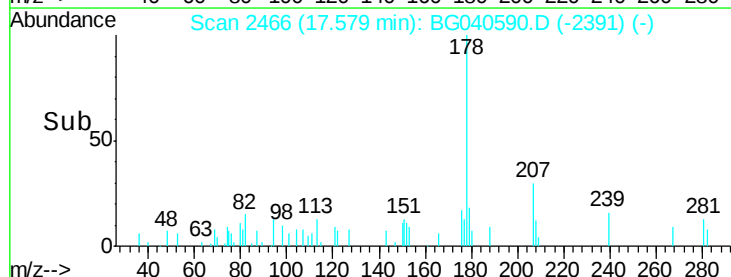
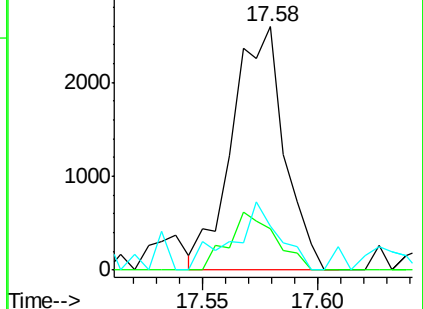
179 17.8 12.9 19.3

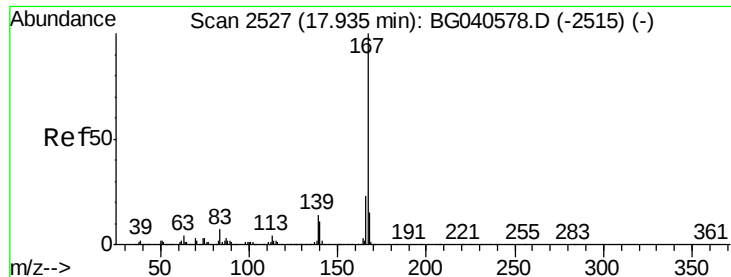


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

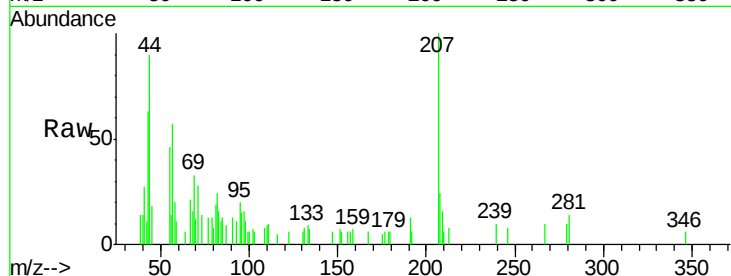




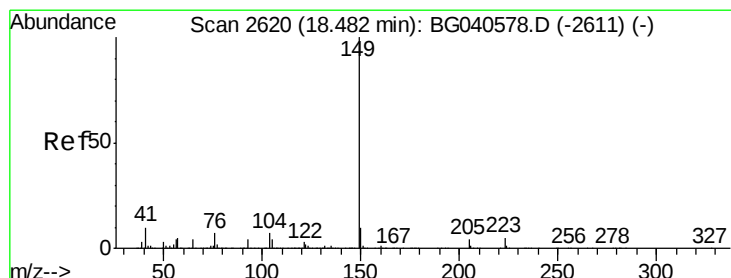
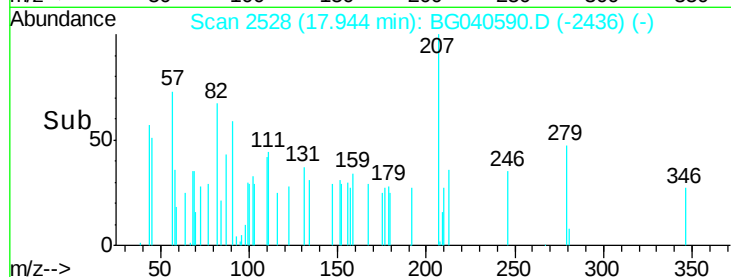
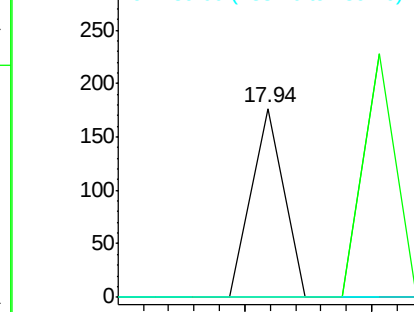
#73
 Carbazole
 Concen: 0.004 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. 0.01 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.2	27.4#
139	0.0	11.4	17.0#

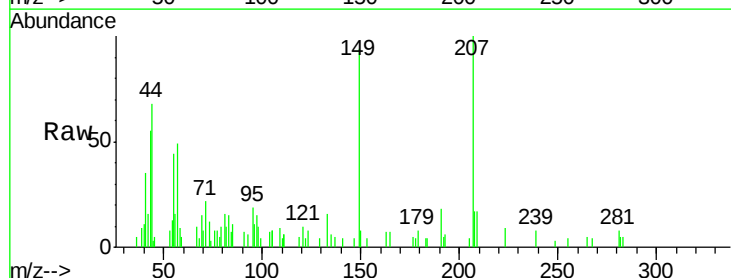


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

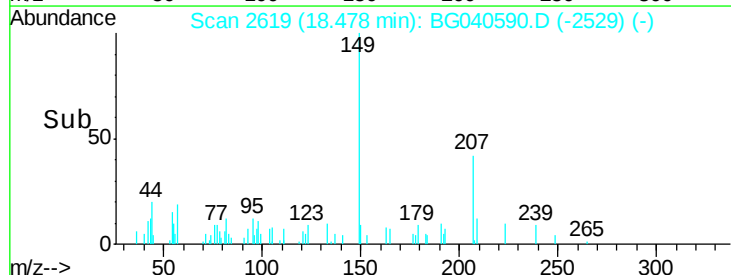
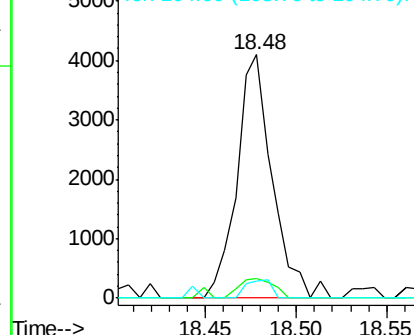


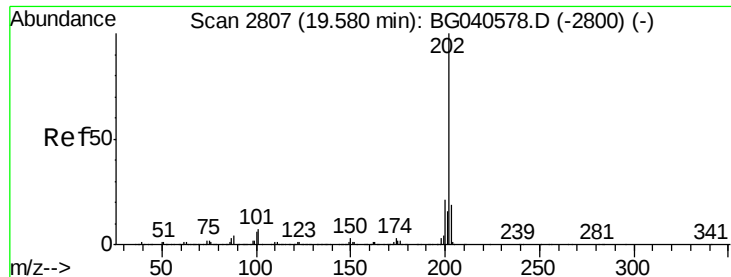
#74
 Di-n-butylphthalate
 Concen: 0.269 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.00 min
 Lab File: BG040590.D
 Acq: 24 Apr 2019 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.2	8.2	12.2
104	6.9	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: 0.049 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG040590.D

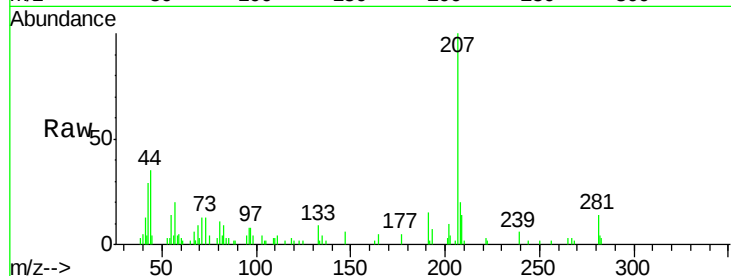
Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

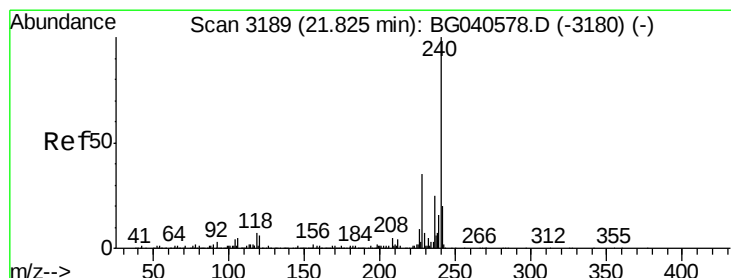
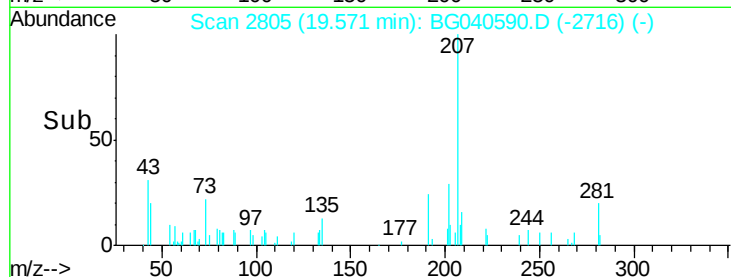
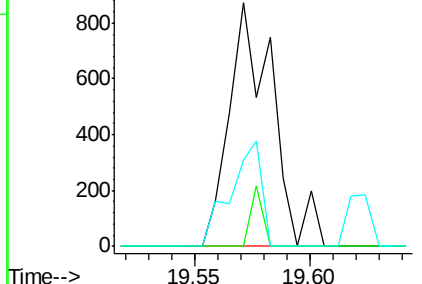
Tot Ion:	202	Resp:	1142
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.5
203	35.2	0.0	39.3



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

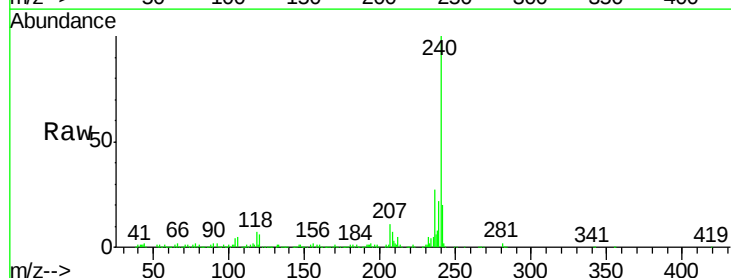
RT: 21.83 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

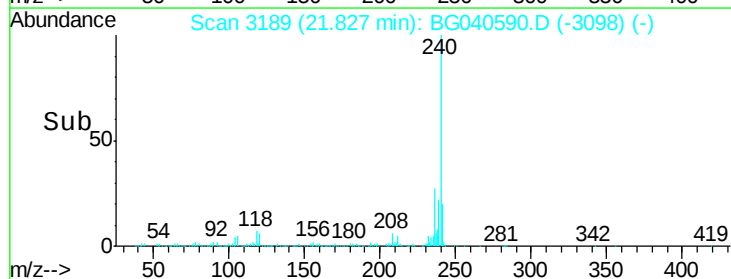
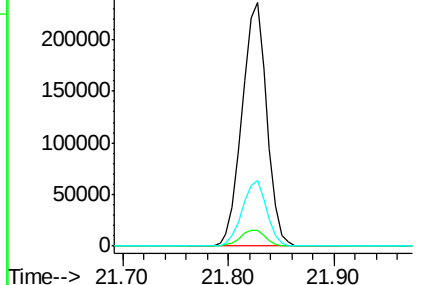
Tgt Ion:	240	Resp:	382812
Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.0	7.6
236	26.9	20.3	30.5

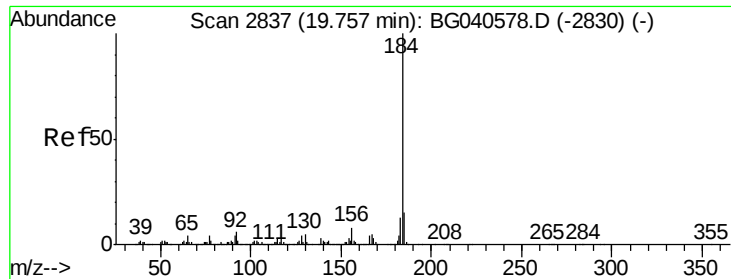


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.296 ng

RT: 20.14 min Scan# 2901

Delta R.T. 0.38 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

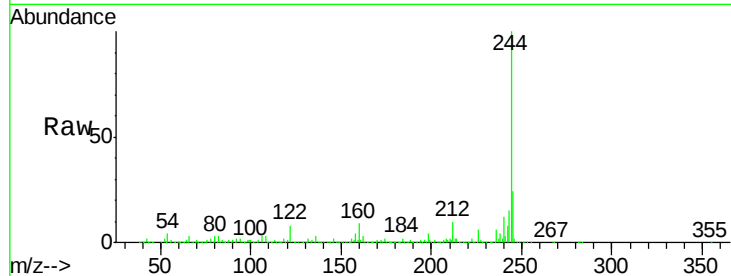
Tot Ion:184 Resp: 34546

Ion Ratio Lower Upper

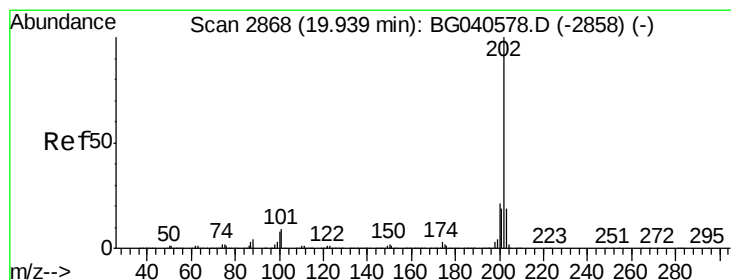
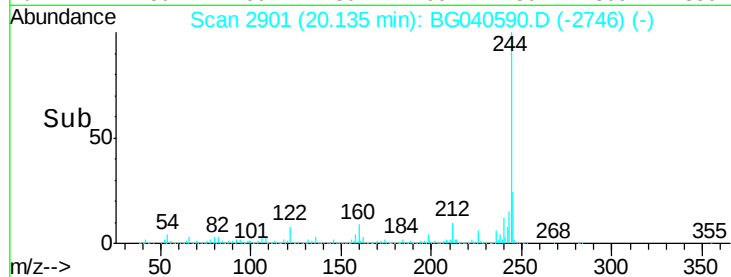
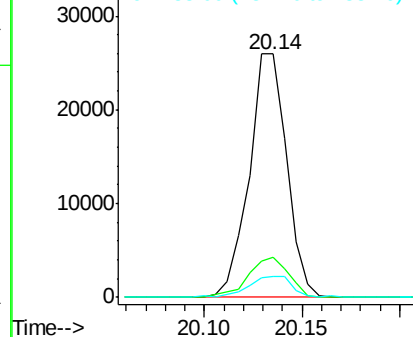
184 100

185 16.4 11.8 17.8

183 8.6 10.2 15.2#



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



#78

Pyrene

Concen: 0.041 ng

RT: 19.95 min Scan# 2869

Delta R.T. 0.01 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

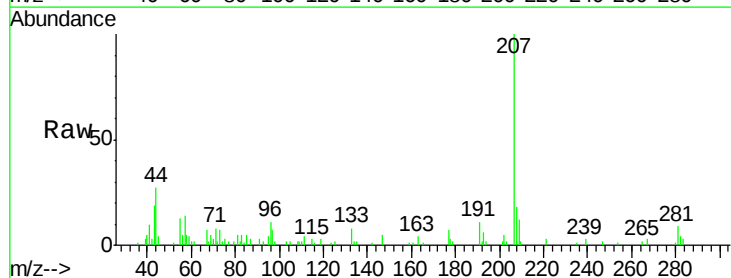
Tgt Ion:202 Resp: 975

Ion Ratio Lower Upper

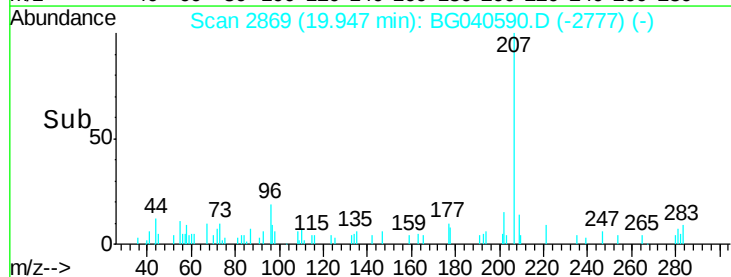
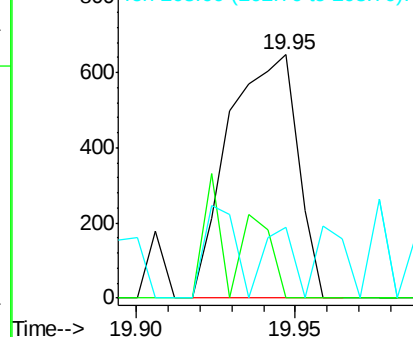
202 100

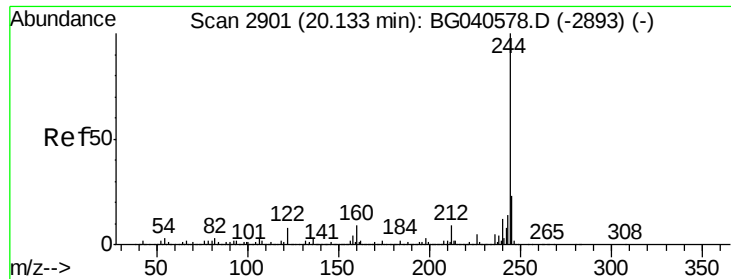
200 0.0 17.2 25.8#

203 29.0 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: 93.995 ng

RT: 20.14 min Scan# 2901

Delta R.T. 0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

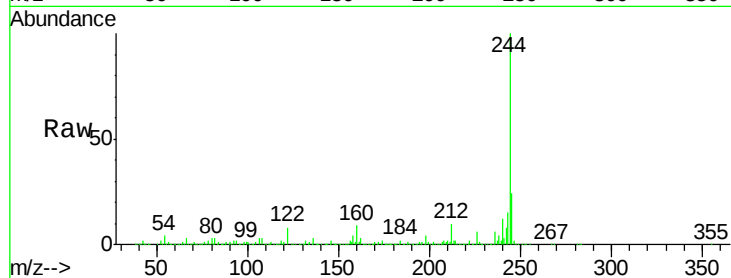
Tot Ion:244 Resp: 1624175

Ion Ratio Lower Upper

244 100

212 10.0 7.2 10.8

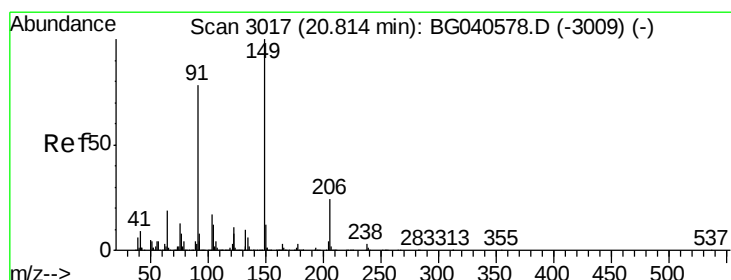
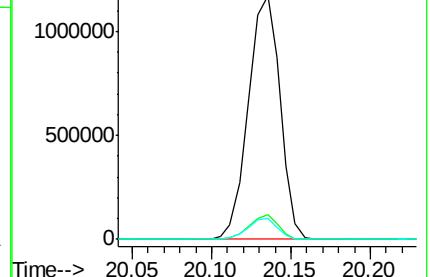
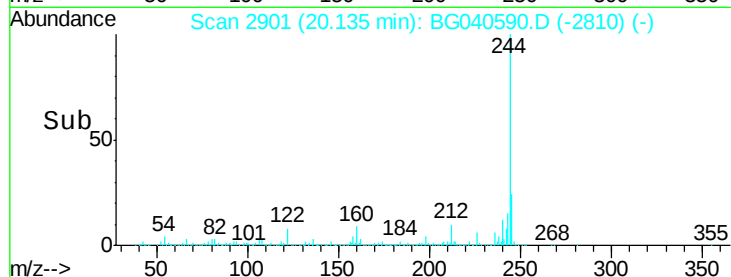
122 8.5 6.6 10.0



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: 0.027 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

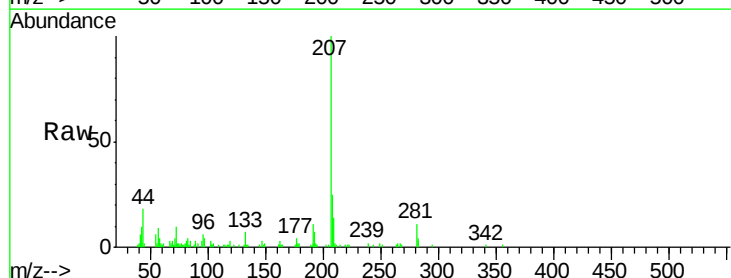
Tgt Ion:149 Resp: 253

Ion Ratio Lower Upper

149 100

91 69.1 62.6 93.8

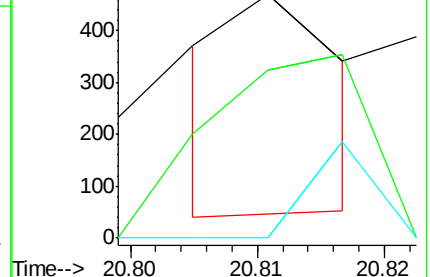
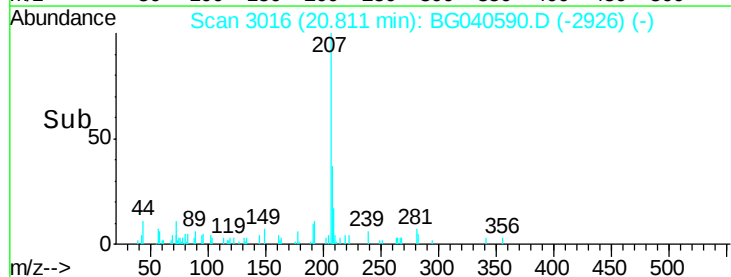
206 0.0 19.4 29.2#

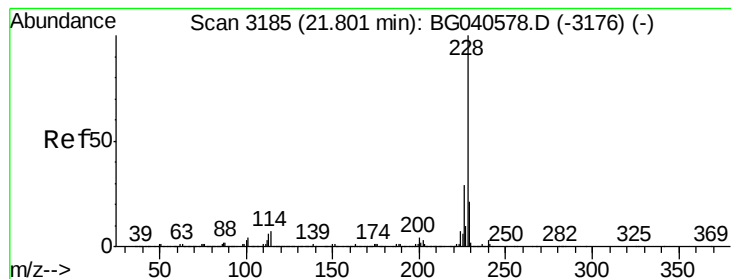


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.058 ng

RT: 21.82 min Scan# 3188

Delta R.T. 0.02 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

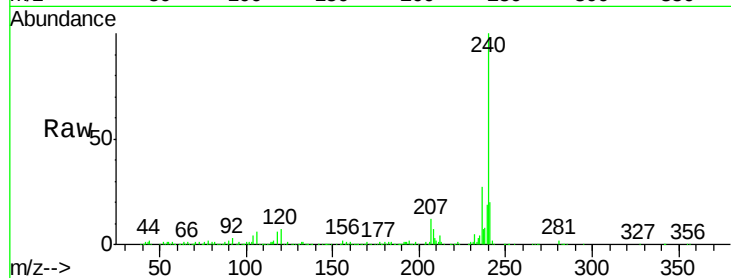
Tot Ion:228 Resp: 1408

Ion Ratio Lower Upper

228 100

226 0.0 23.1 34.7#

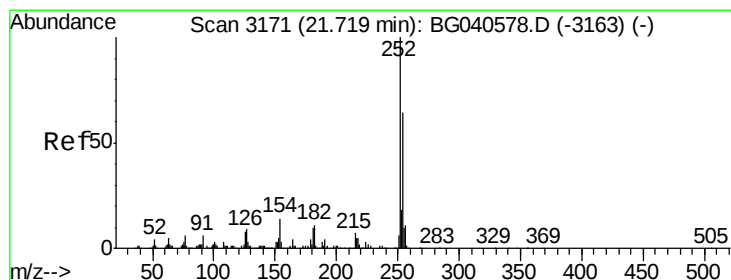
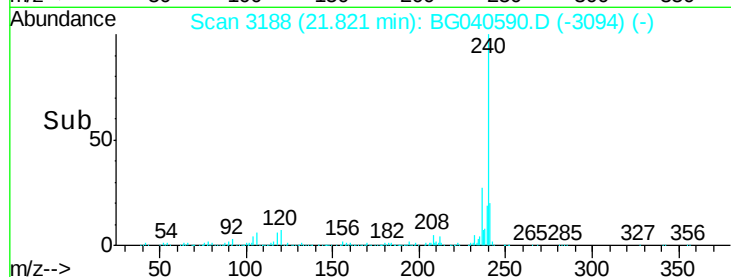
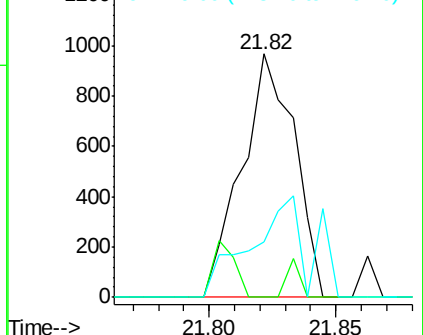
229 23.0 17.0 25.4



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: 0.017 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

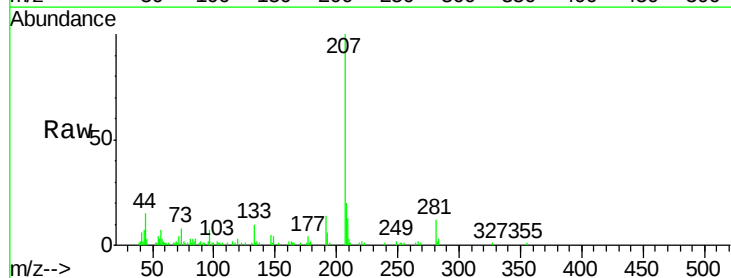
Tgt Ion:252 Resp: 143

Ion Ratio Lower Upper

252 100

254 0.0 51.2 76.8#

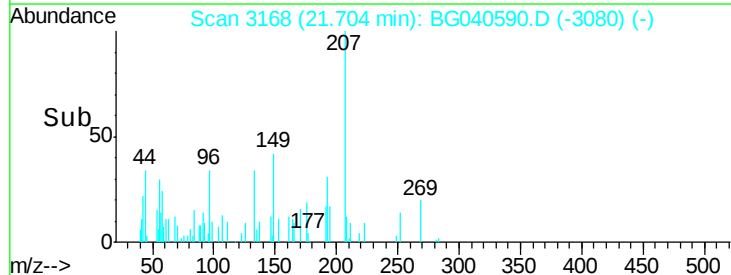
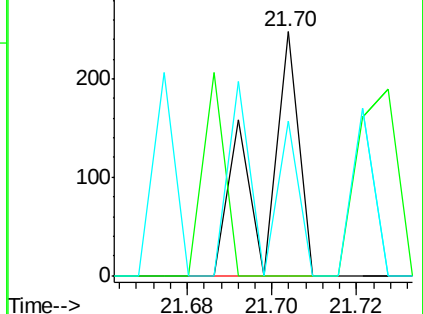
126 63.3 6.6 10.0#

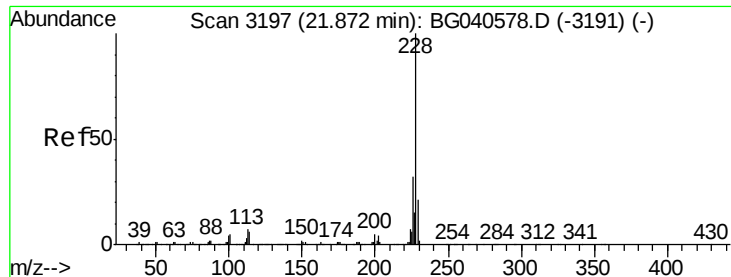


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.002 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.01 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

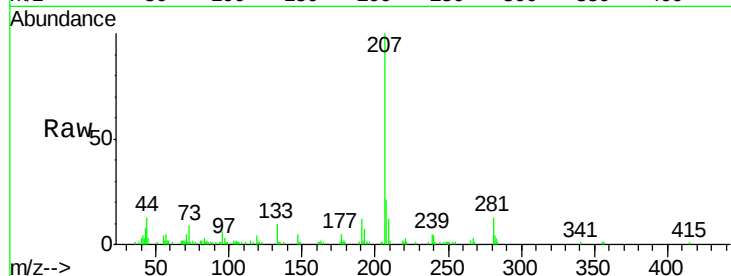
Tot Ion:228 Resp: 57

Ion Ratio Lower Upper

228 100

226 0.0 25.5 38.3#

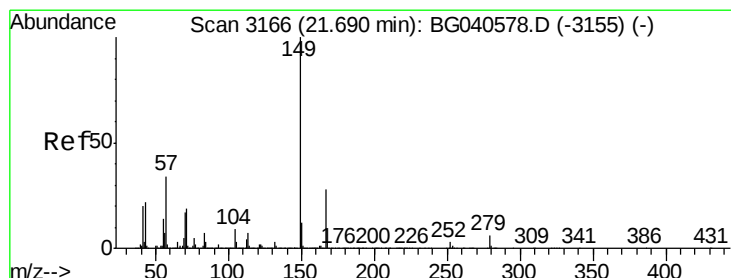
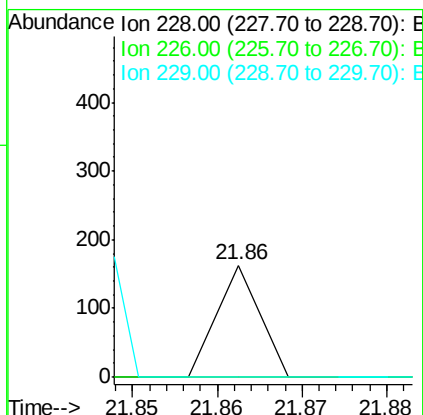
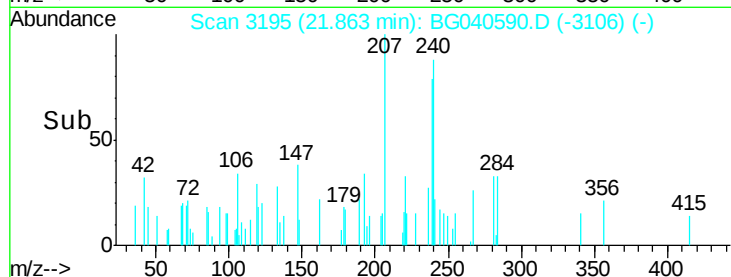
229 0.0 16.8 25.2#



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: 0.210 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

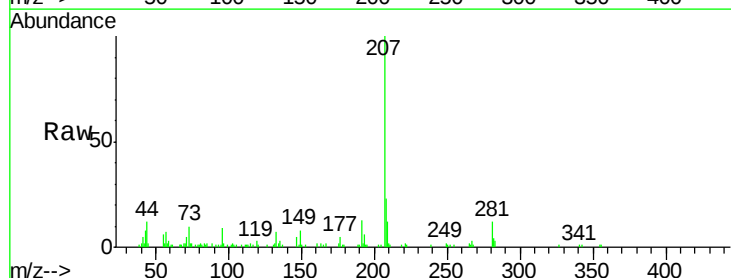
Tgt Ion:149 Resp: 2832

Ion Ratio Lower Upper

149 100

167 23.7 22.4 33.6

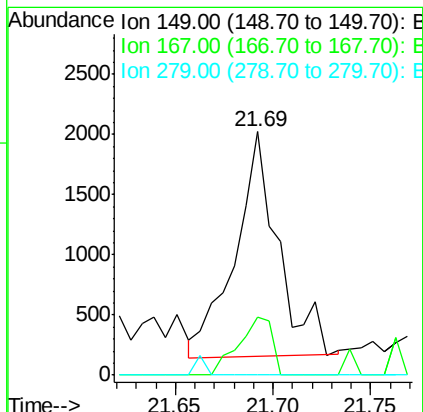
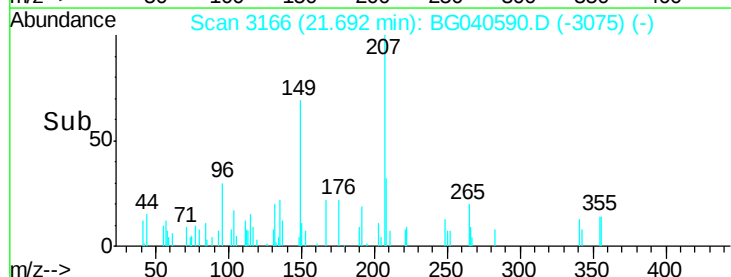
279 0.0 4.6 6.8#

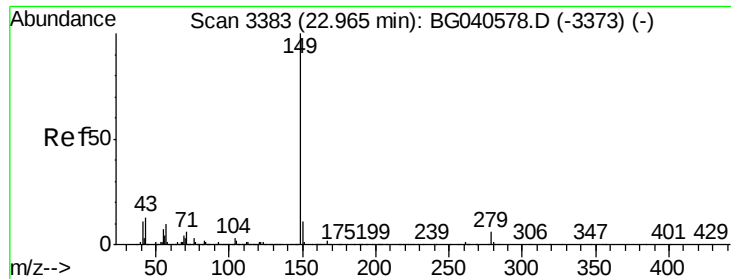


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.008 ng

RT: 22.98 min Scan# 3386

Delta R.T. 0.02 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

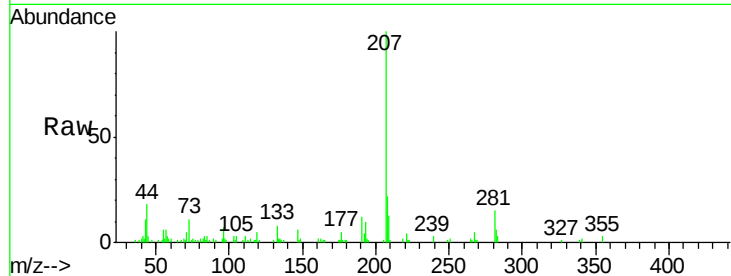
Tot Ion:149 Resp: 179

Ion Ratio Lower Upper

149 100

167 48.0 1.4 2.2#

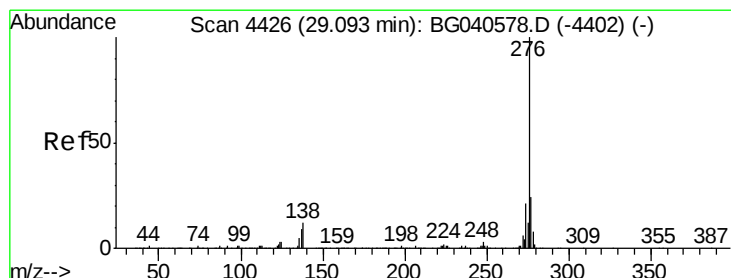
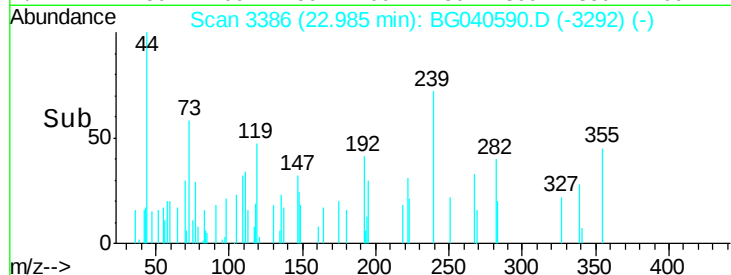
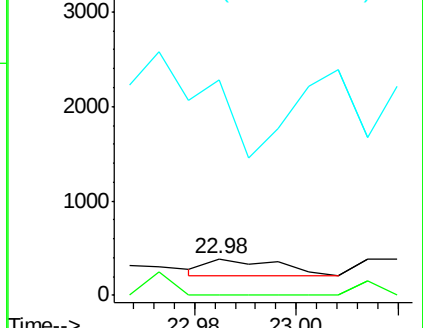
43 654.2 10.2 15.2#



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.003 ng

RT: 29.44 min Scan# 4485

Delta R.T. 0.35 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

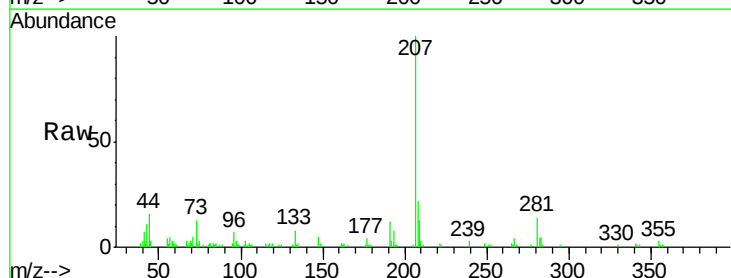
Tgt Ion:276 Resp: 74

Ion Ratio Lower Upper

276 100

138 0.0 9.8 14.6#

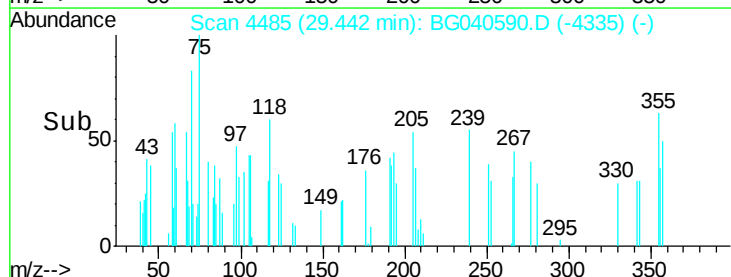
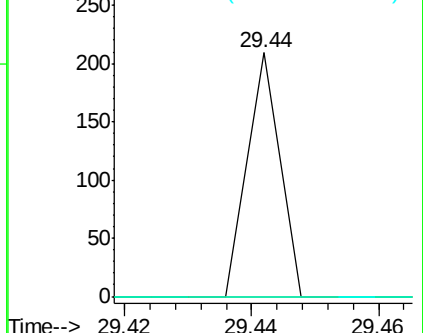
277 0.0 17.3 25.9#

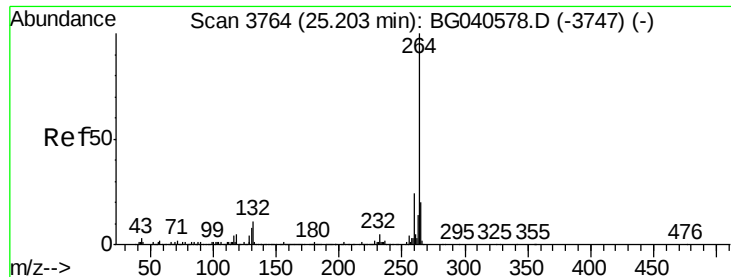


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3764

Delta R.T. 0.00 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

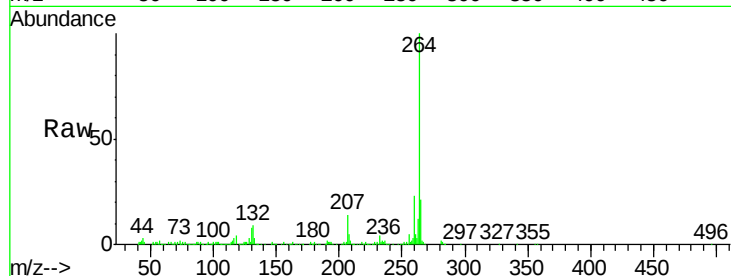
Tot Ion:264 Resp: 403564

Ion Ratio Lower Upper

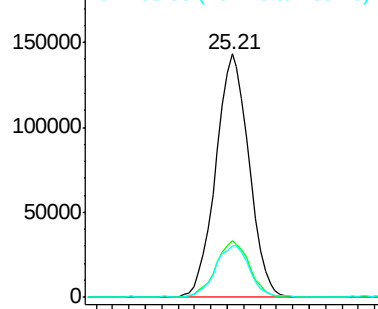
264 100

260 23.4 19.2 28.8

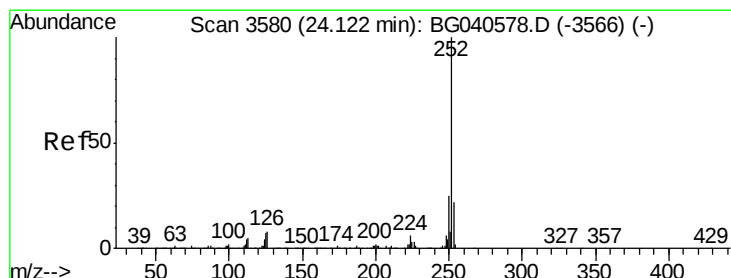
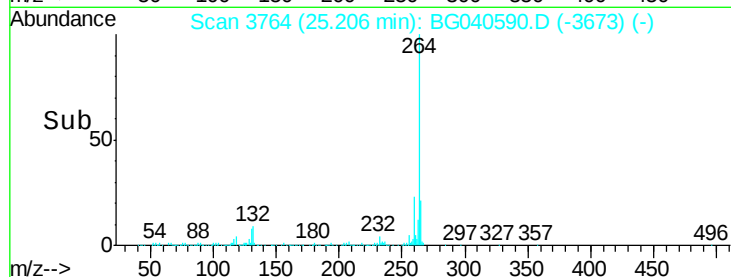
265 21.0 16.6 25.0



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: 0.009 ng

RT: 24.11 min Scan# 3577

Delta R.T. -0.02 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

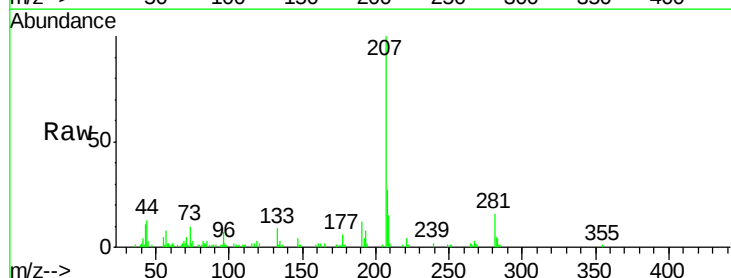
Tgt Ion:252 Resp: 220

Ion Ratio Lower Upper

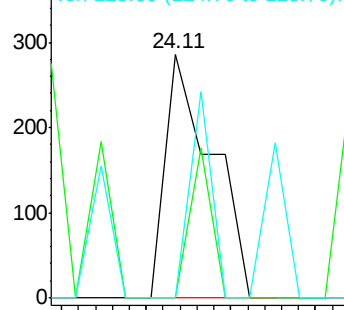
252 100

253 0.0 17.6 26.4#

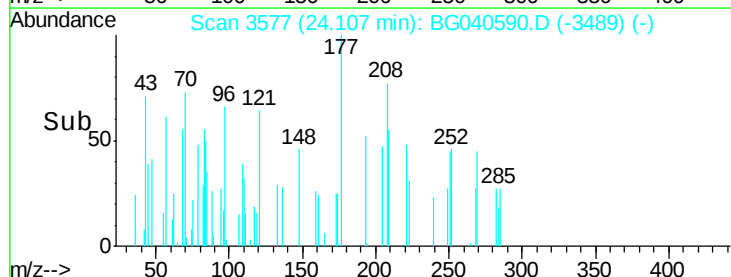
125 0.0 5.4 8.0#

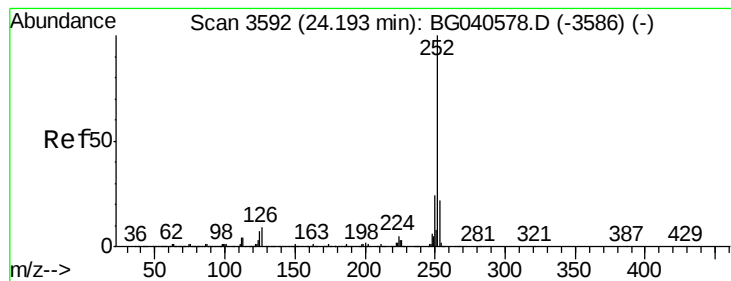


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 24.21 min Scan# 3594

Delta R.T. 0.01 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

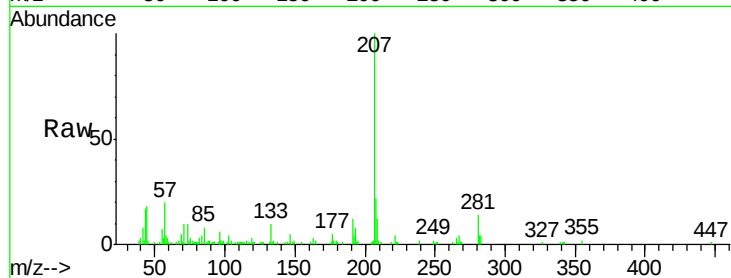
Tot Ion:252 Resp: 80

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

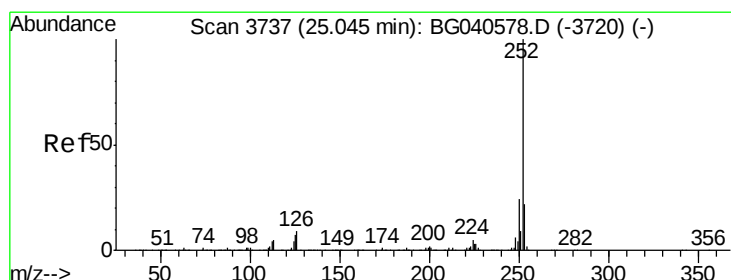
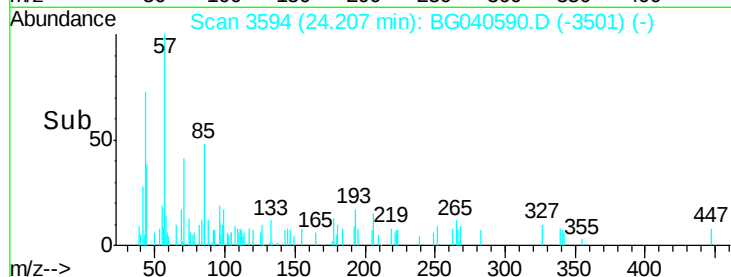
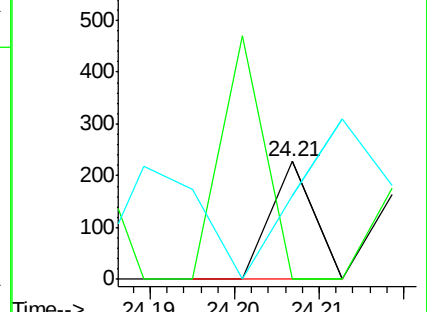
125 71.1 5.5 8.3#



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: 0.008 ng

RT: 25.05 min Scan# 3738

Delta R.T. 0.01 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

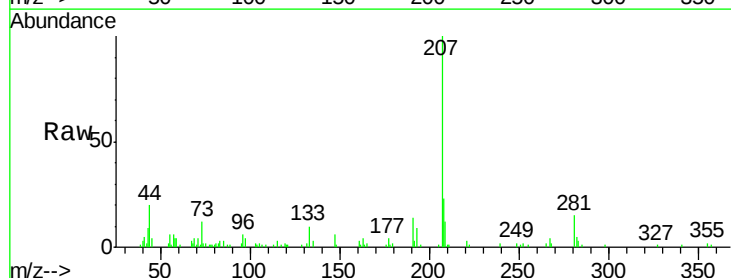
Tgt Ion:252 Resp: 192

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

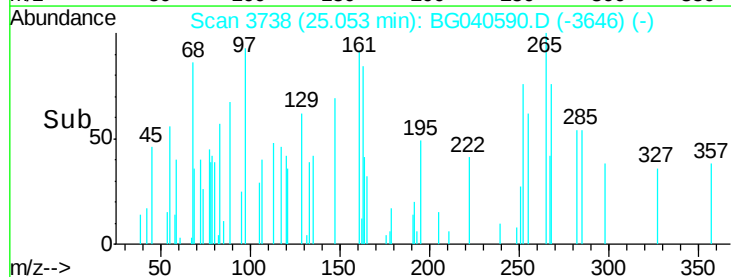
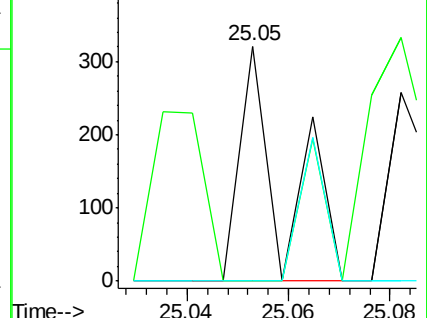
125 0.0 5.7 8.5#

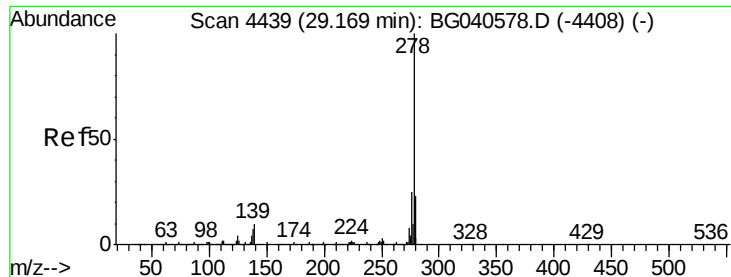


Abundance Ion 252.00 (251.70 to 252.70): E

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: 29.47 min Scan# 4489

Delta R.T. 0.30 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

Instrument :

BNA_G

ClientSampleId :

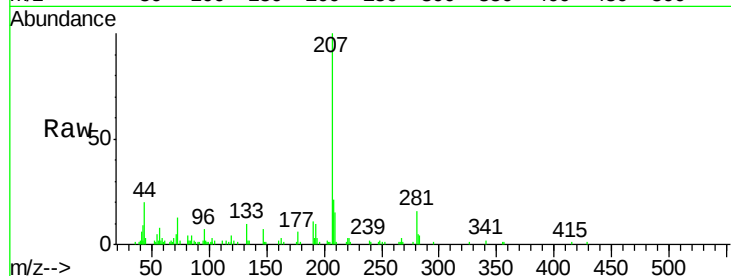
Tot Ion:278 Resp: 65

Ion Ratio Lower Upper

278 100

139 0.0 8.2 12.4#

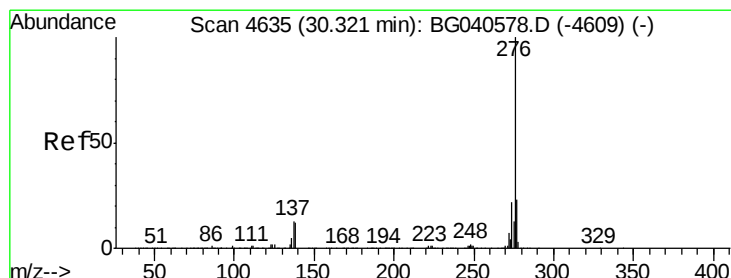
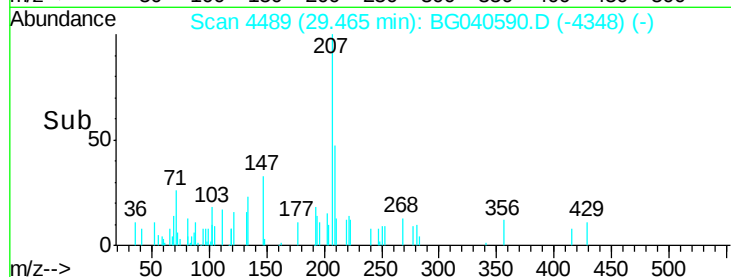
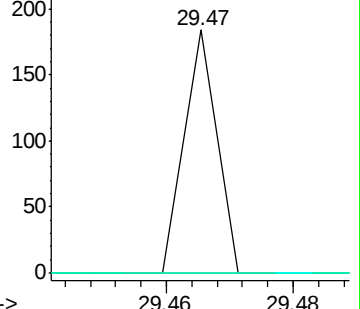
279 0.0 18.5 27.7#



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(g,h,i)perylene

Concen: 0.002 ng

RT: 30.66 min Scan# 4693

Delta R.T. 0.34 min

Lab File: BG040590.D

Acq: 24 Apr 2019 12:51

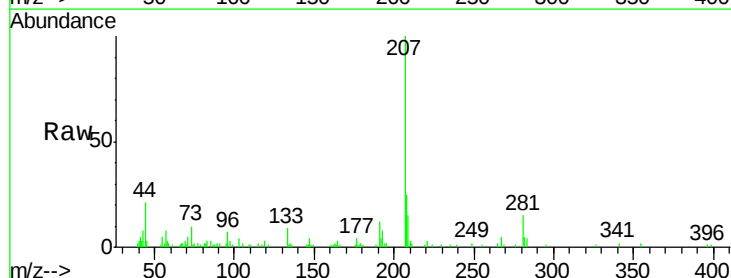
Tgt Ion:276 Resp: 53

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

