

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
 Data File : BG040527.D
 Acq On : 17 Apr 2019 7:37
 Operator : JU/SJ
 Sample : K2422-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3-S

Quant Time: Apr 17 08:18:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	2714	20.00	ng	-0.03
21) Naphthalene-d8	11.24	136	54	20.00	ng	0.35
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.70
64) Phenanthrene-d10	17.44	188	172	20.00	ng	0.00
76) Chrysene-d12	21.80	240	57	20.00	ng	0.07
87) Perylene-d12	25.10	264	53	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	396179	2426.72	ng	-0.02
7) Phenol-d6	7.20	99	474706	2103.97	ng	-0.02
23) Nitrobenzene-d5	9.22	82	405243	398889.66	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	164167	0.00	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	920291	0.00	ng	-0.03
79) Terphenyl-d14	20.02	244	1550347	611884.72	ng	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.49	88	260	3.387	ng	# 1
4) n-Nitrosodimethylamine	3.86	42	640	6.694	ng	# 1
6) Aniline	7.57	93	662	2.258	ng	# 1
9) Benzaldehyde	7.20	77	612	3.954	ng	# 2
10) Phenol	7.56	94	1047	4.275	ng	# 1
11) bis(2-Chloroethyl)ether	7.57	93	662	3.375	ng	# 1
15) Benzyl Alcohol	8.36	79	6481	35.668	ng	# 50
19) n-Nitroso-di-n-propylamine	9.22	70	51333	317.327	ng	# 71
22) Acetophenone	8.88	105	468	347.433	ng	# 48
24) Nitrobenzene	9.69	77	73	69.390	ng	# 38
25) Isophorone	10.16	82	59	28.225	ng	# 67
31) Naphthalene	11.06	128	59	21.316	ng	# 68
33) 4-Chloroaniline	10.91	127	132	111.802	ng	# 39
37) 2-Methylnaphthalene	12.73	142	767	374.678	ng	# 61
38) 1-Methylnaphthalene	13.18	142	56	28.211	ng	# 6
65) 4,6-Dinitro-2-methylphenol	16.18	198	384	397.382	ng	# 59
66) n-Nitrosodiphenylamine	16.17	169	6211	1234.006	ng	# 48
67) 4-Bromophenyl-phenylether	16.23	248	425	219.571	ng	# 1
71) Phenanthrene	17.48	178	1092	120.788	ng	# 58
72) Anthracene	17.58	178	127	14.035	ng	# 59
74) Di-n-butylphthalate	18.36	149	1679	165.401	ng	# 77
77) Benzidine	20.02	184	27289	13257.815	ng	# 92
78) Pyrene	20.02	202	6129	1635.101	ng	# 73
80) Butylbenzylphthalate	20.77	149	86	53.616	ng	# 23
81) Benzo(a)anthracene	21.80	228	71	20.223	ng	# 51
82) 3,3'-Dichlorobenzidine	21.70	252	72	53.910	ng	# 26
83) Chrysene	21.80	228	71	21.042	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.64	149	60	26.168	ng	# 50
85) Di-n-octyl phthalate	22.89	149	65	16.639	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.61	276	54	13.085	ng	# 50
88) Benzo(b)fluoranthene	24.06	252	62	19.107	ng	# 60
89) Benzo(k)fluoranthene	24.10	252	91	30.496	ng	# 59
90) Benzo(a)pyrene	24.91	252	55	18.065	ng	# 1

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QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

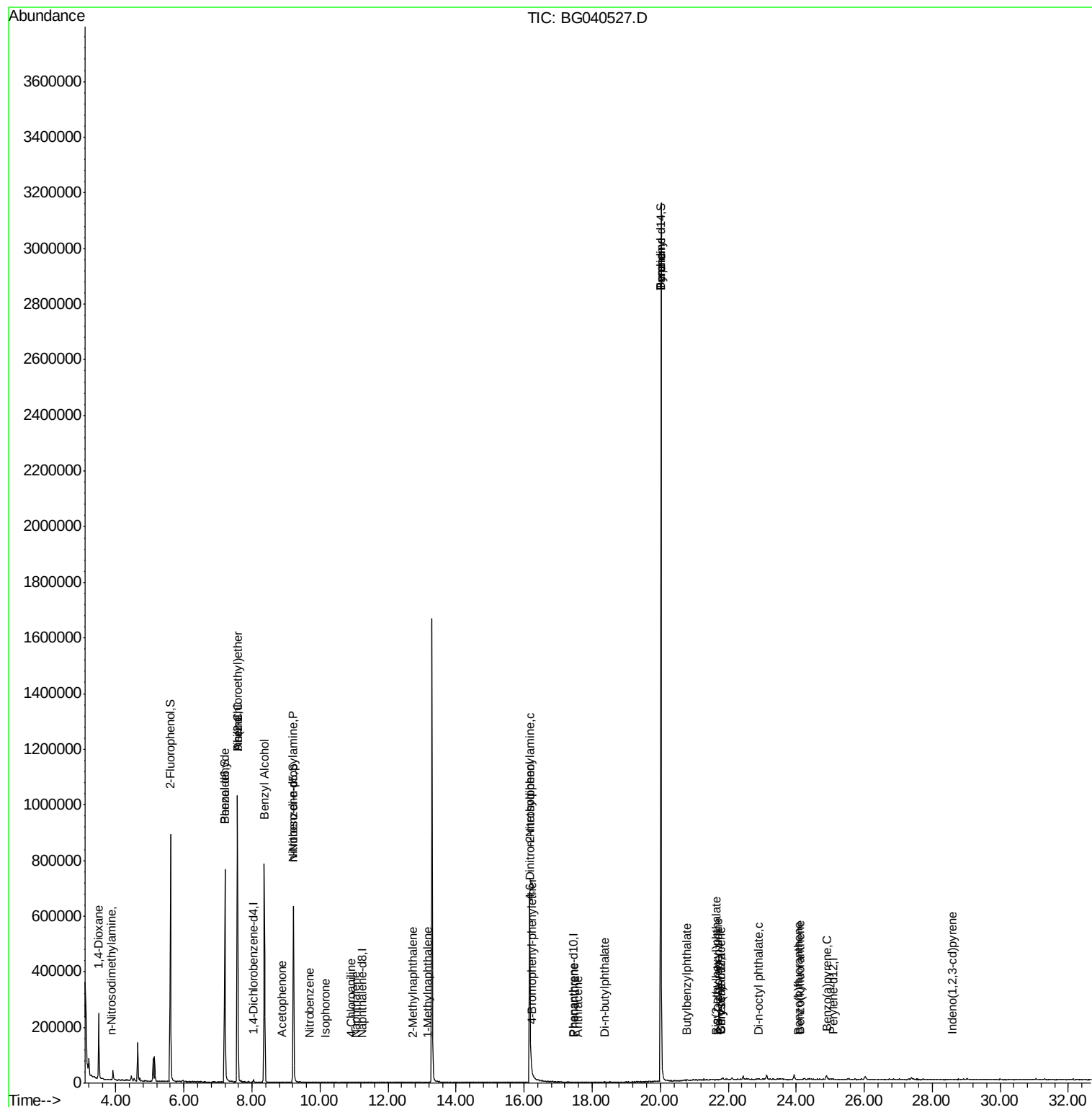
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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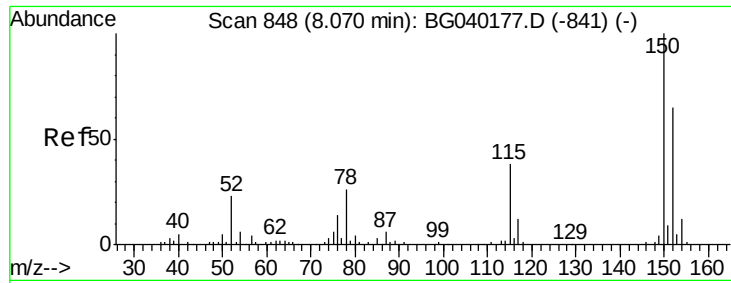
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.03 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

Instrument :

BNA_G

ClientSampled :

TP3-S

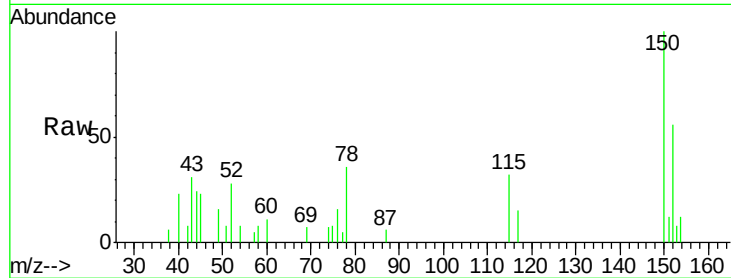
Tgt Ion:152 Resp: 2714

Ion Ratio Lower Upper

152 100

150 177.3 123.7 185.5

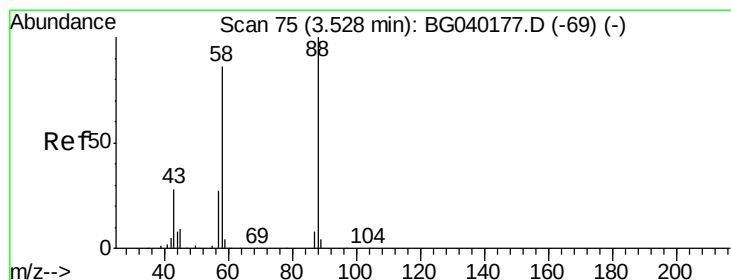
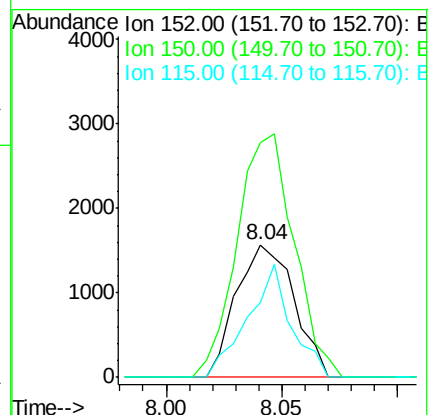
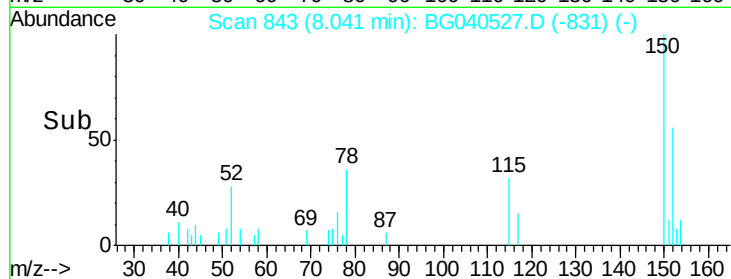
115 56.9 46.9 70.3



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: 3.387 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.04 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

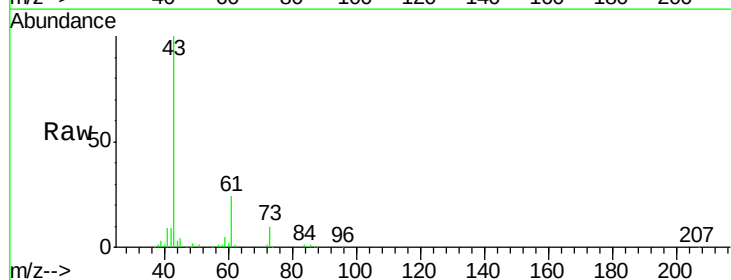
Tgt Ion: 88 Resp: 260

Ion Ratio Lower Upper

88 100

58 432.3 70.6 106.0#

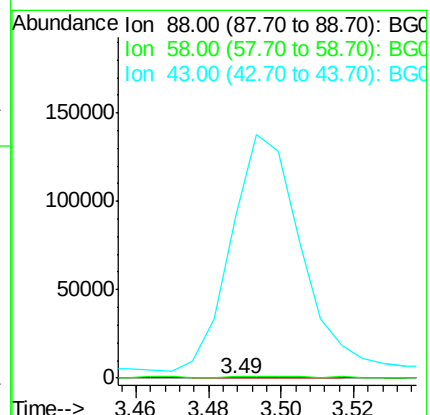
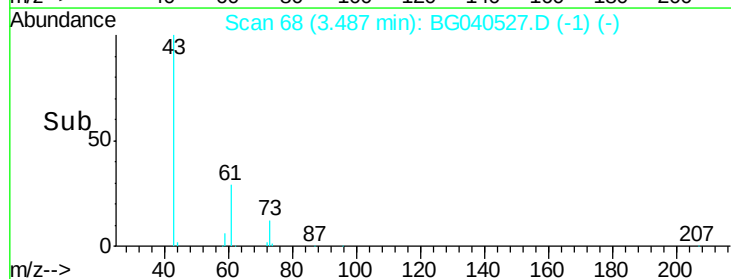
43 69333.1 24.8 37.2#

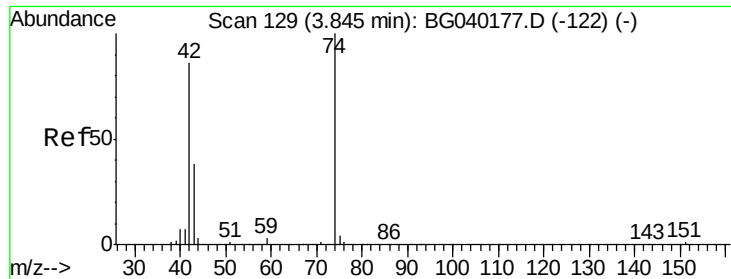


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



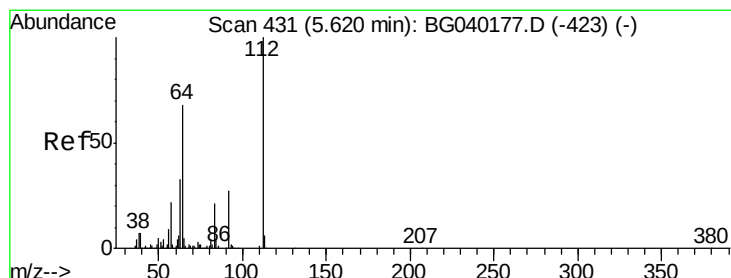
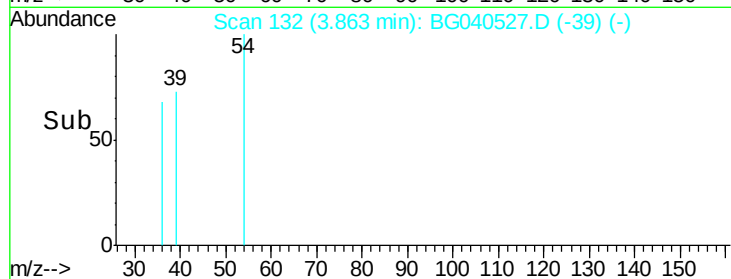
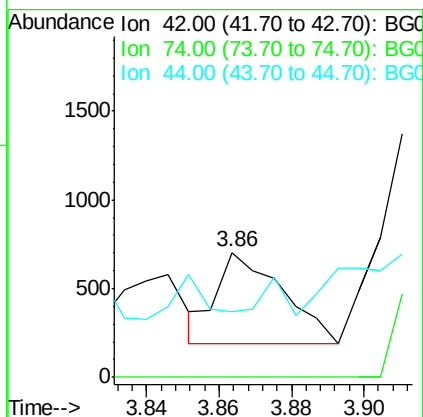
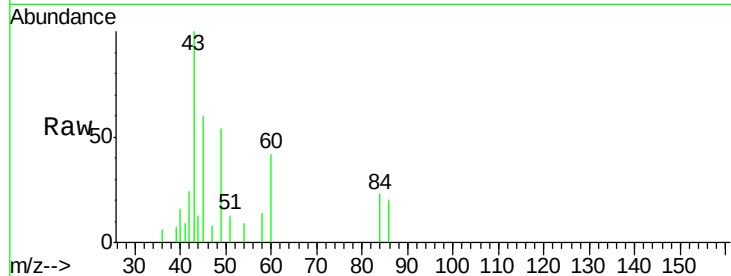


#4

n-Nitrosodimethylamine
 Concen: 6.694 ng
 RT: 3.86 min Scan# 132
 Delta R.T. 0.02 min
 Lab File: BG040527.D
 Acq: 17 Apr 2019 7:37

Instrument :
 BNA_G
 ClientSampleId :
 TP3-S

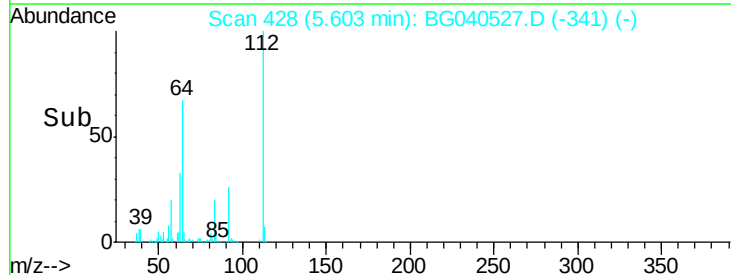
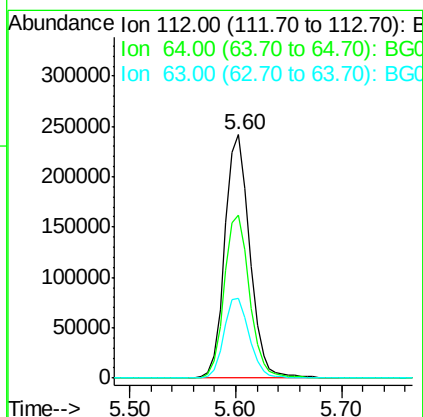
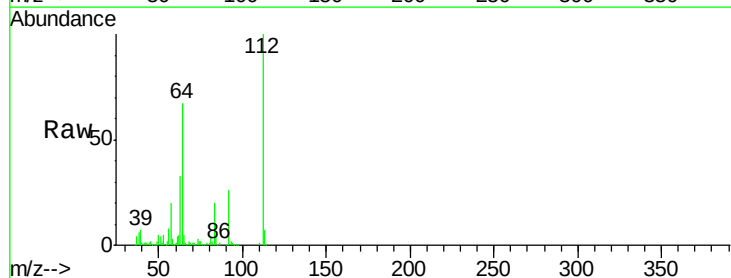
Tgt Ion: 42 Resp: 640
 Ion Ratio Lower Upper
 42 100
 74 0.0 92.9 139.3#
 44 52.8 9.7 14.5#

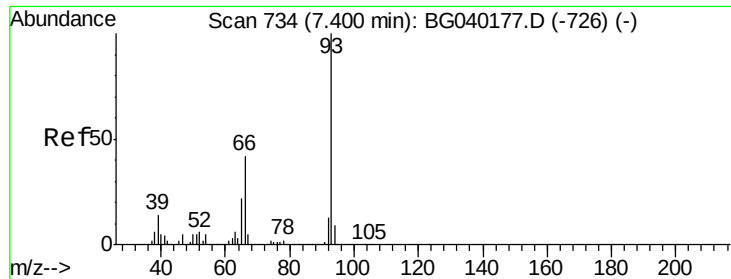


#5

2-Fluorophenol
 Concen: 2426.724 ng
 RT: 5.60 min Scan# 428
 Delta R.T. -0.02 min
 Lab File: BG040527.D
 Acq: 17 Apr 2019 7:37

Tgt Ion: 112 Resp: 396179
 Ion Ratio Lower Upper
 112 100
 64 66.9 54.2 81.2
 63 32.9 26.4 39.6





#6

Aniline

Concen: 2.258 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.17 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

Instrument :

BNA_G

ClientSampleId :

TP3-S

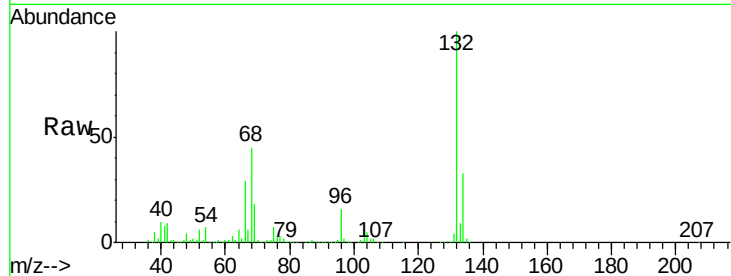
Tgt Ion: 93 Resp: 662

Ion Ratio Lower Upper

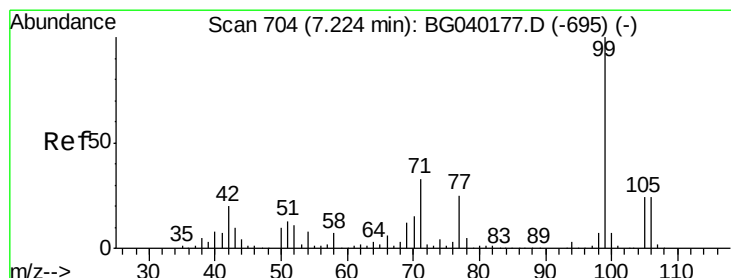
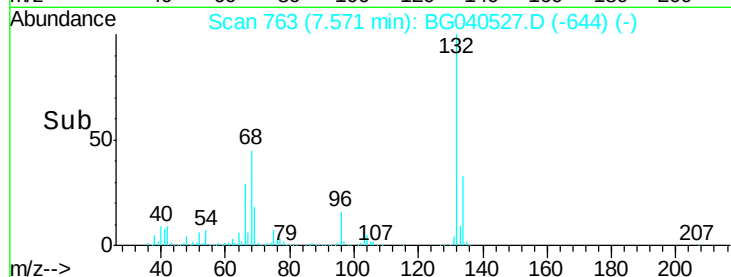
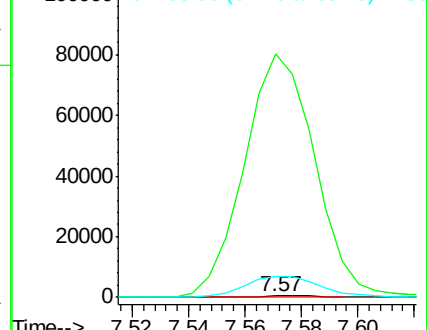
93 100

66 15906.5 33.6 50.4#

65 1332.1 17.4 26.2#



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



#7

Phenol-d6

Concen: 2103.974 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

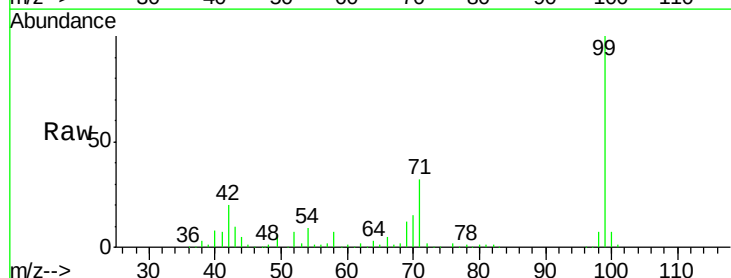
Tgt Ion: 99 Resp: 474706

Ion Ratio Lower Upper

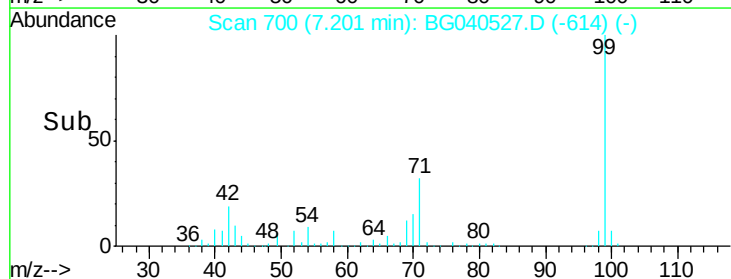
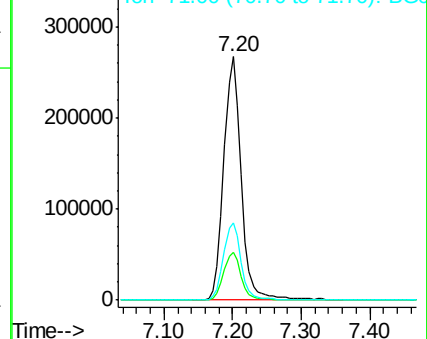
99 100

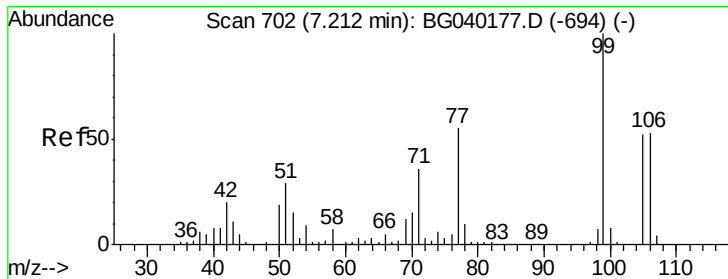
42 19.6 16.2 24.2

71 31.9 26.8 40.2



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





#9

Benzaldehyde

Concen: 3.954 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

Instrument :

BNA_G

ClientSampleId :

TP3-S

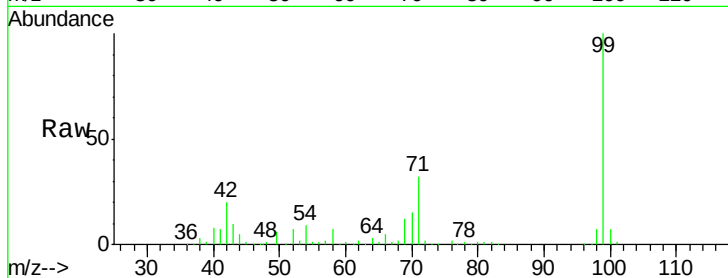
Tgt Ion: 77 Resp: 612

Ion Ratio Lower Upper

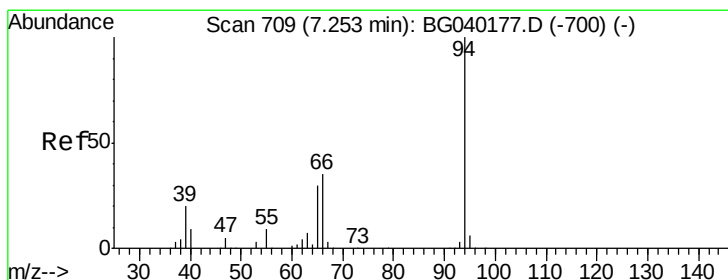
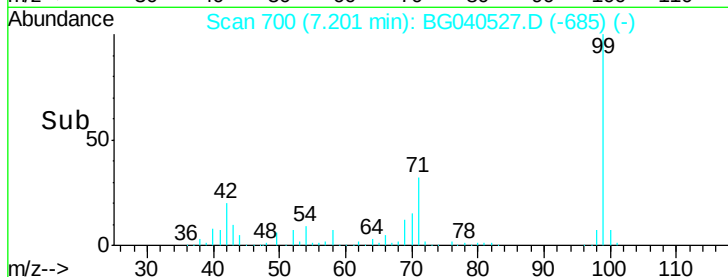
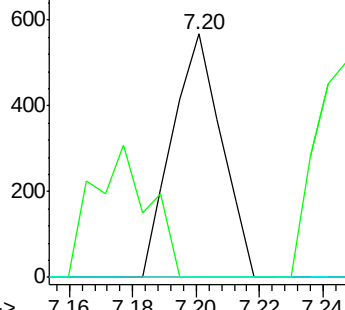
77 100

105 0.0 75.0 115.0#

106 0.0 75.7 115.7#



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: 4.275 ng

RT: 7.56 min Scan# 762

Delta R.T. 0.31 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

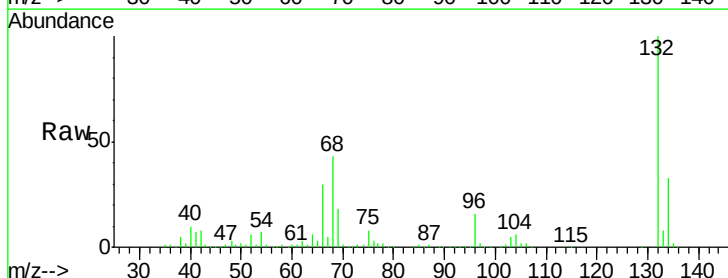
Tgt Ion: 94 Resp: 1047

Ion Ratio Lower Upper

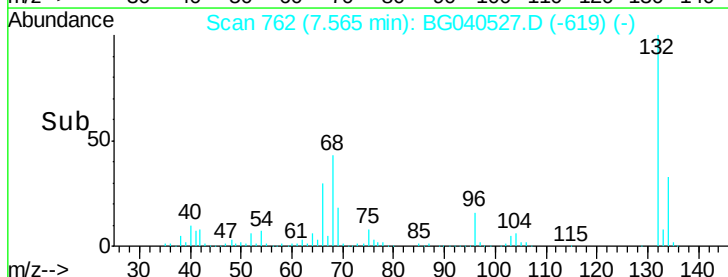
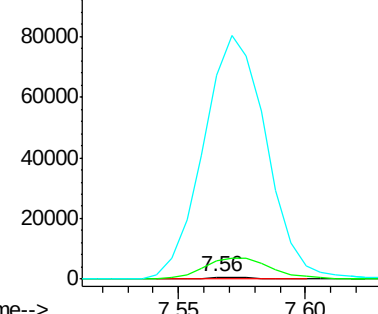
94 100

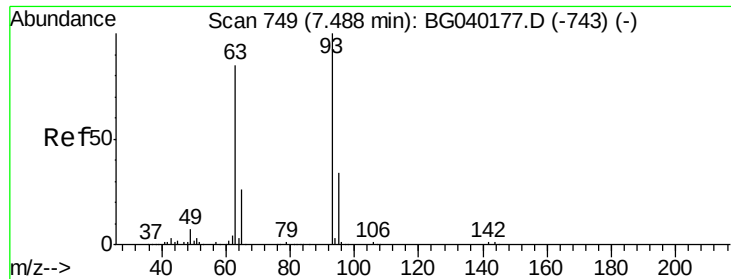
65 871.7 10.5 50.5#

66 9796.5 16.9 56.9#



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

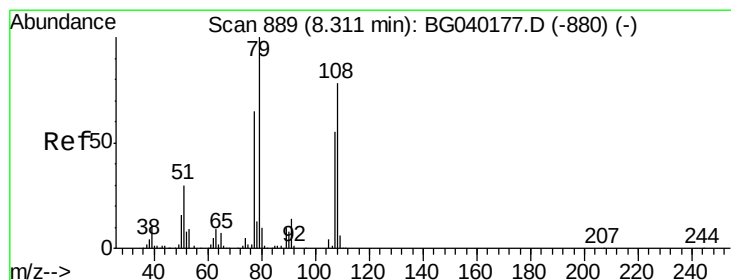
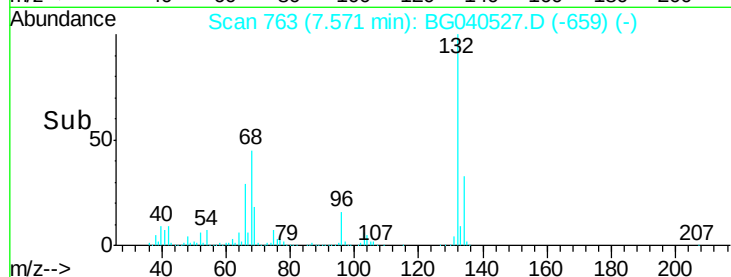
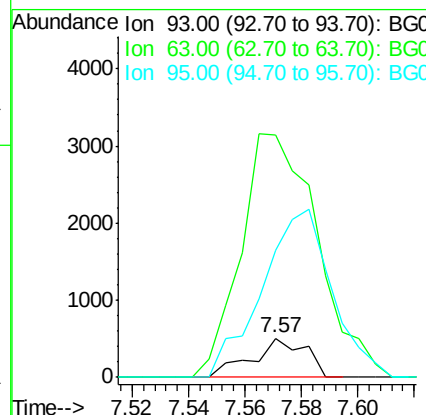
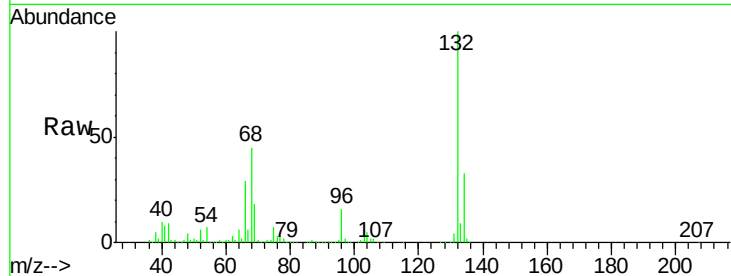




#11
bis(2-Chloroethyl)ether
Concen: 3.375 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.08 min
Lab File: BG040527.D
Acq: 17 Apr 2019 7:37

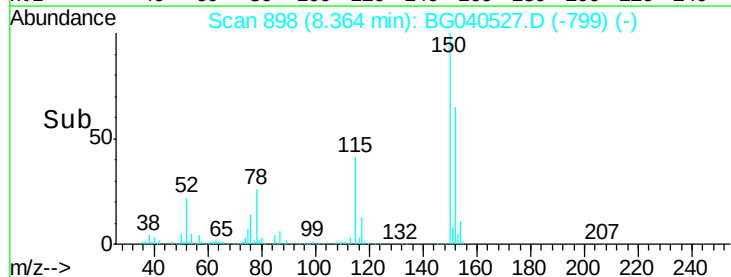
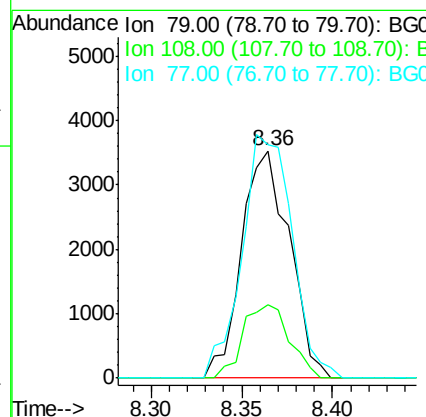
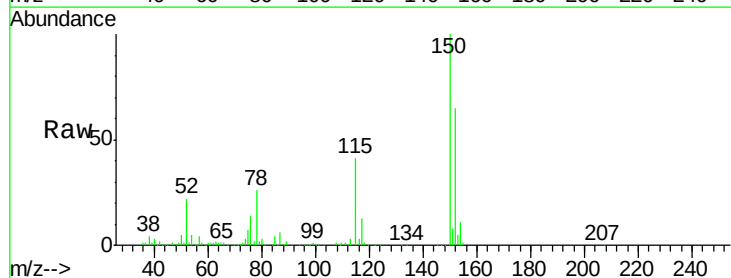
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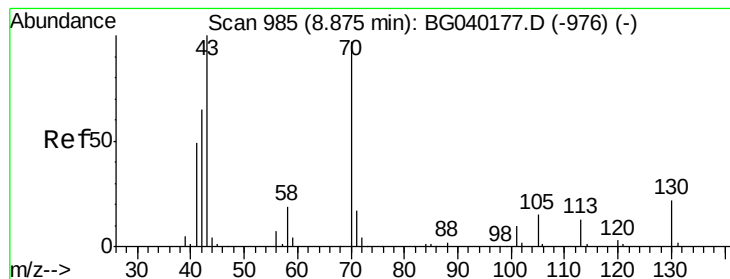
Tgt Ion: 93 Resp: 662
Ion Ratio Lower Upper
93 100
63 623.6 64.2 104.2#
95 327.5 14.0 54.0#



#15
Benzyl Alcohol
Concen: 35.668 ng
RT: 8.36 min Scan# 898
Delta R.T. 0.05 min
Lab File: BG040527.D
Acq: 17 Apr 2019 7:37

Tgt Ion: 79 Resp: 6481
Ion Ratio Lower Upper
79 100
108 32.4 62.1 93.1#
77 102.7 51.9 77.9#





#19

n-Nitroso-di-n-propylamine

Concen: 317.327 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

Instrument :

BNA_G

ClientSampleId :

TP3-S

Tgt Ion: 70 Resp: 51333

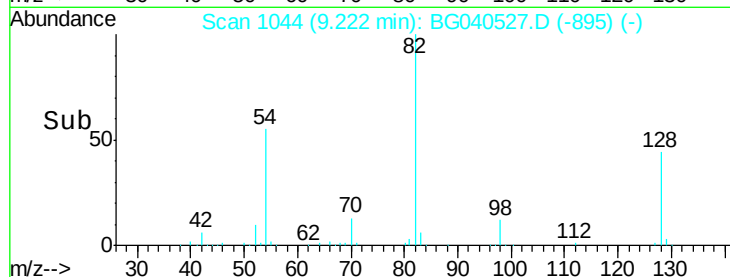
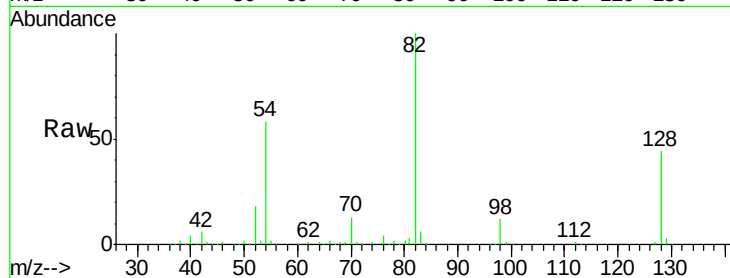
Ion Ratio Lower Upper

70 100

42 48.4 54.0 81.0#

101 0.0 8.6 13.0#

130 1.7 18.2 27.2#

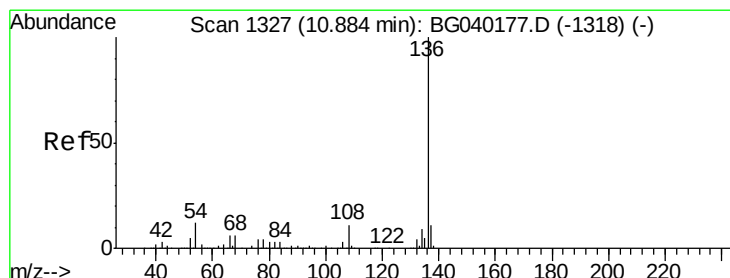
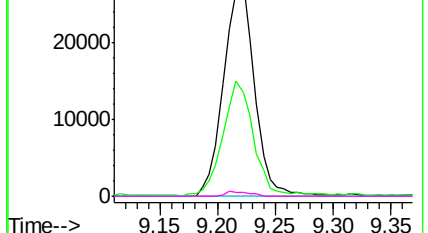


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.24 min Scan# 1387

Delta R.T. 0.35 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

Tgt Ion: 136 Resp: 54

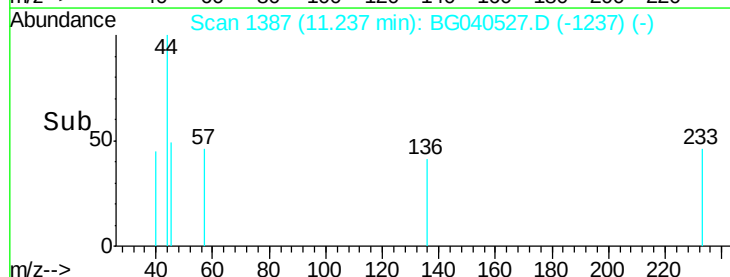
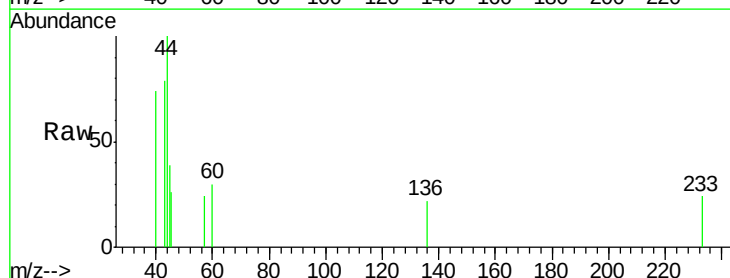
Ion Ratio Lower Upper

136 100

137 0.0 8.9 13.3#

54 0.0 9.6 14.4#

68 0.0 5.1 7.7#

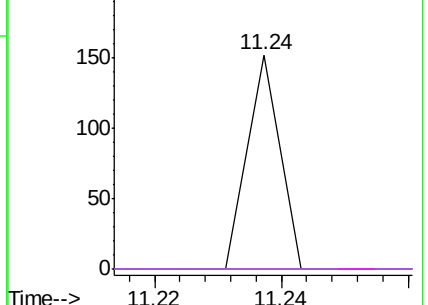


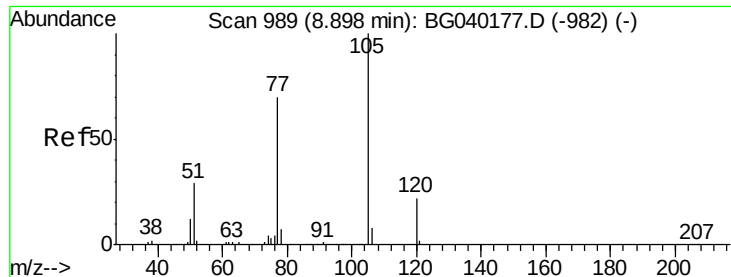
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 347.433 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.02 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

Instrument :

BNA_G

ClientSampleId :

TP3-S

Tgt Ion: 105 Resp: 468

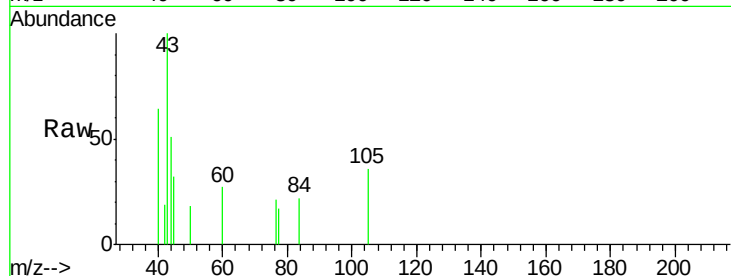
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 0.0 25.1 37.7#

120 0.0 17.6 26.4#

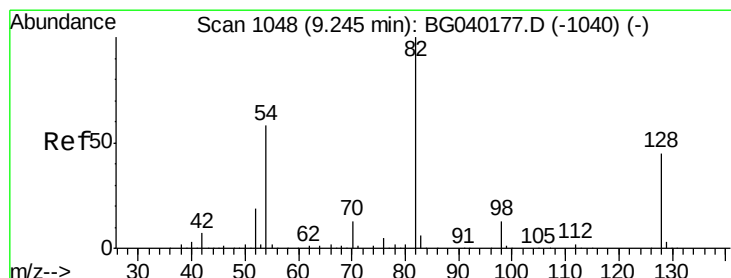
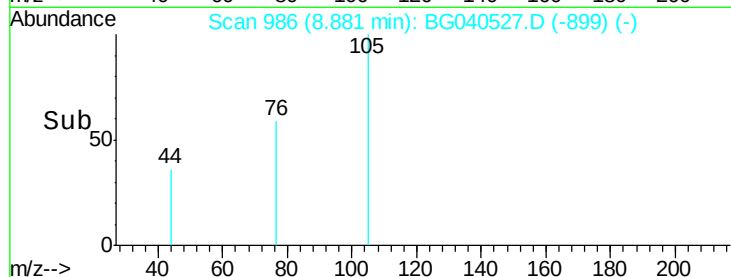
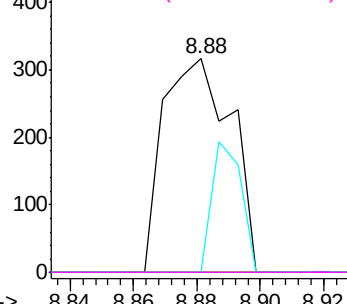


Abundance Ion 105.00 (104.70 to 105.70): E

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: 398889.655 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

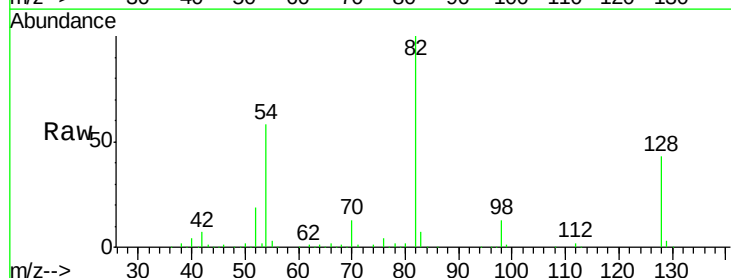
Tgt Ion: 82 Resp: 405243

Ion Ratio Lower Upper

82 100

128 43.4 35.8 53.8

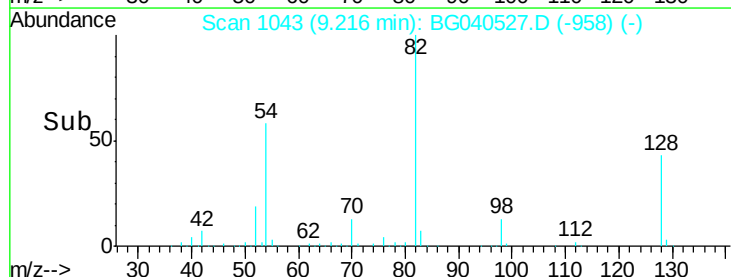
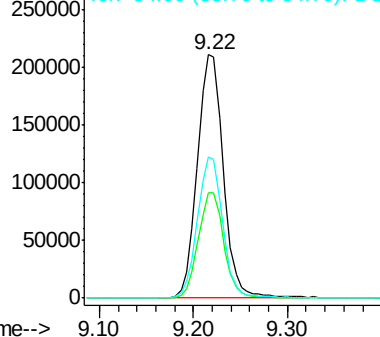
54 58.1 46.2 69.2

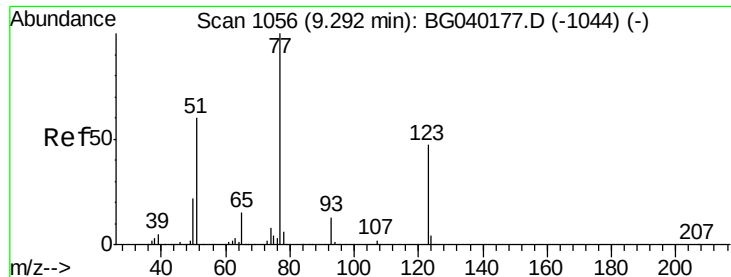


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 69.390 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.40 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

Instrument :

BNA_G

ClientSampled :

TP3-S

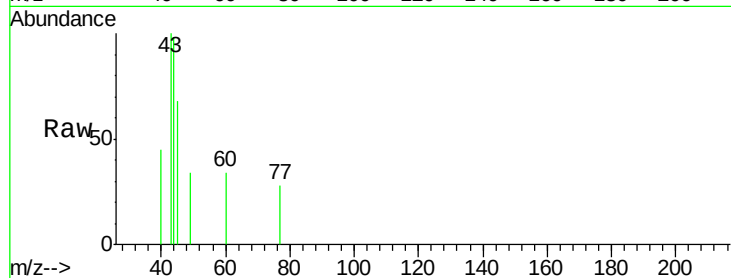
Tgt Ion: 77 Resp: 73

Ion Ratio Lower Upper

77 100

123 0.0 37.8 56.6#

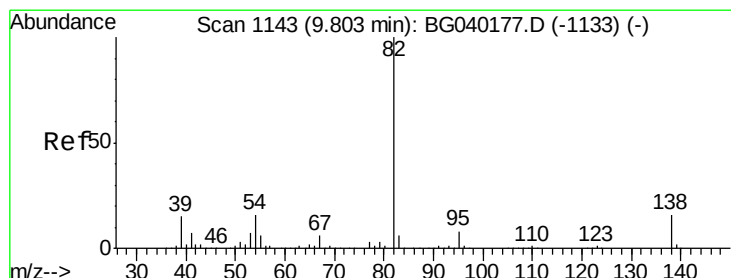
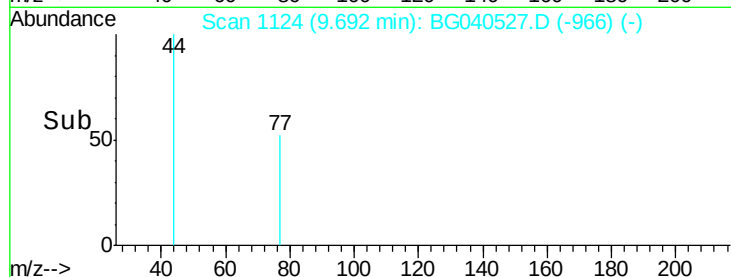
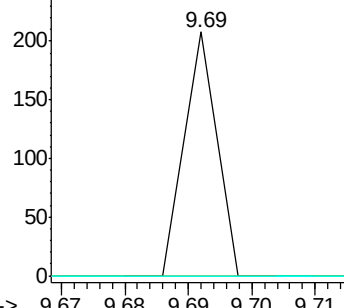
65 0.0 12.0 18.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#25

Isophorone

Concen: 28.225 ng

RT: 10.16 min Scan# 1203

Delta R.T. 0.35 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

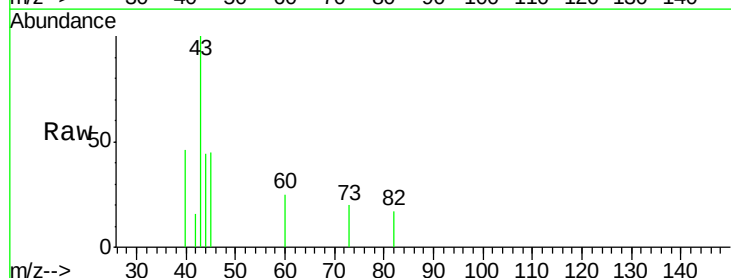
Tgt Ion: 82 Resp: 59

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

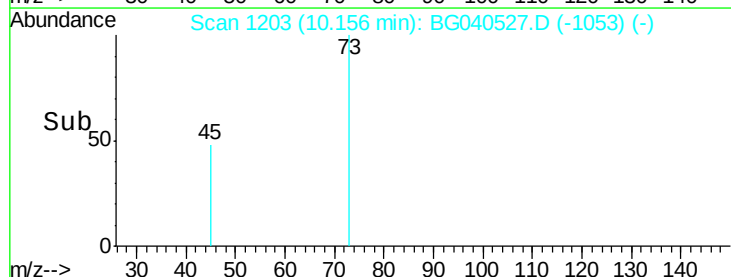
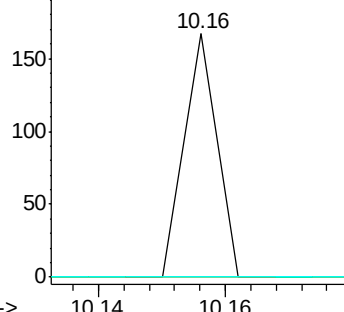
138 0.0 13.2 19.8#

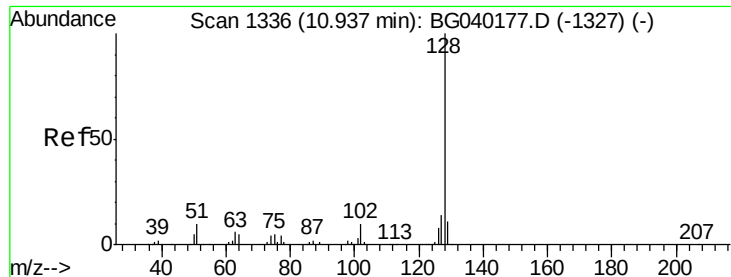


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC





#31

Naphthalene

Concen: 21.316 ng

RT: 11.06 min Scan# 1356

Delta R.T. 0.12 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

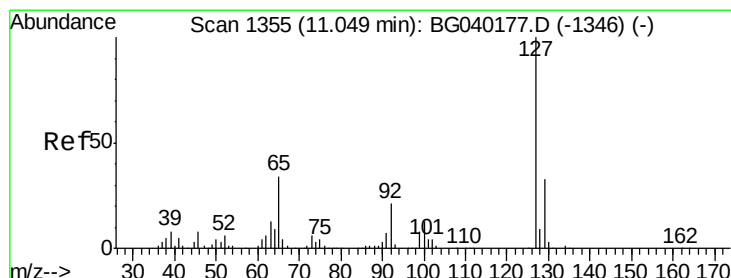
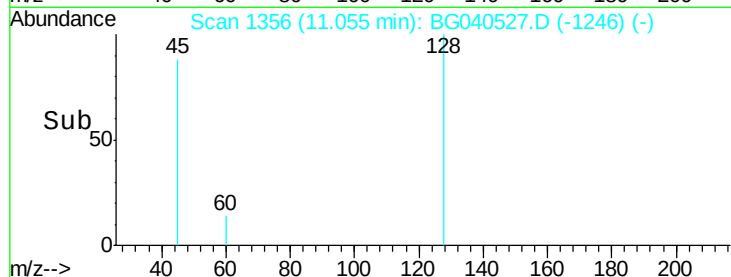
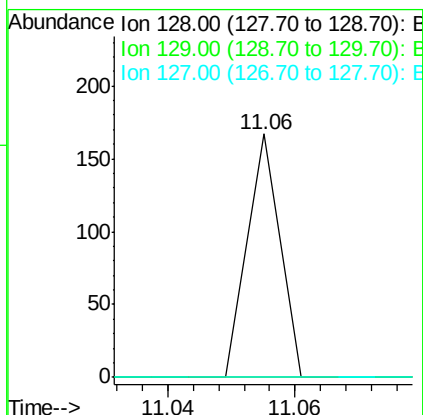
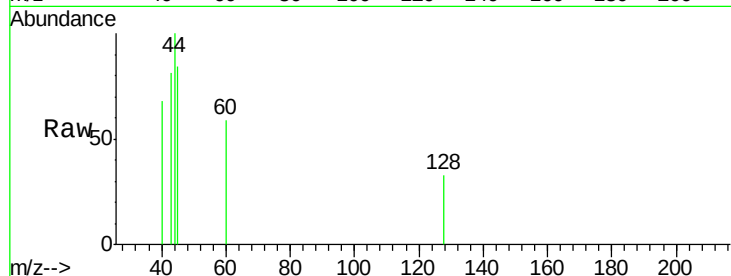
Instrument :

BNA_G

ClientSampleId :

TP3-S

Tgt Ion:	128	Resp:	59
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.9	13.3#
127	0.0	11.4	17.0#



#33

4-Chloroaniline

Concen: 111.802 ng

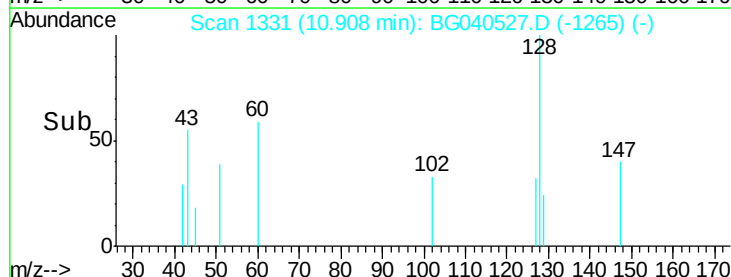
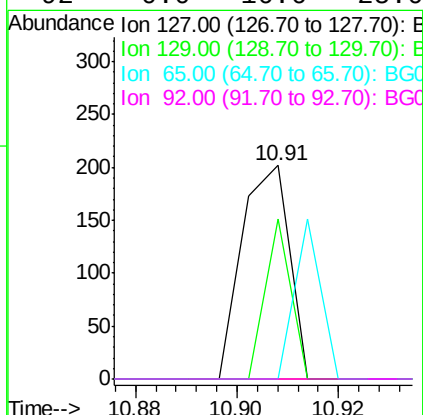
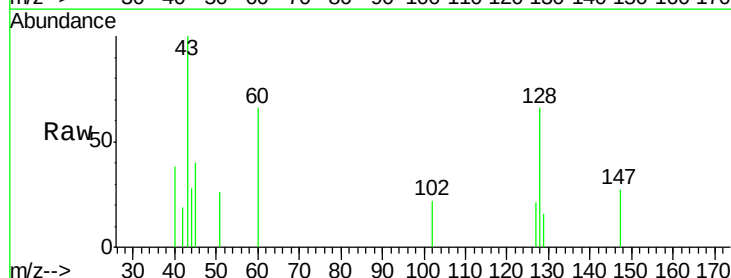
RT: 10.91 min Scan# 1331

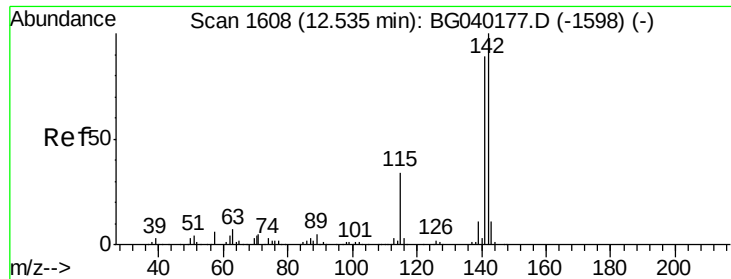
Delta R.T. -0.14 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

Tgt Ion:	127	Resp:	132
Ion	Ratio	Lower	Upper
127	100		
129	74.8	26.6	40.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

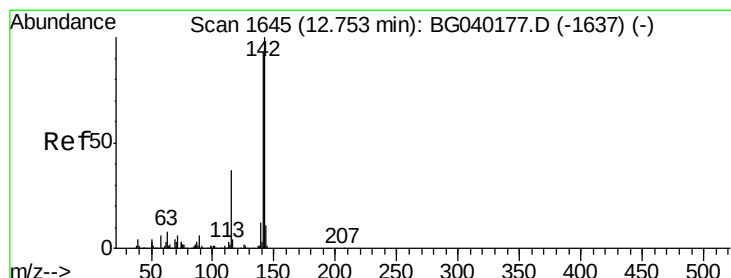
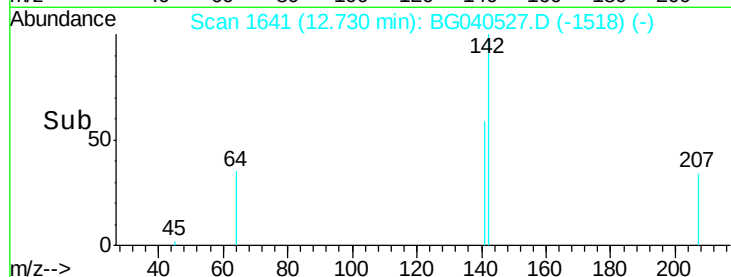
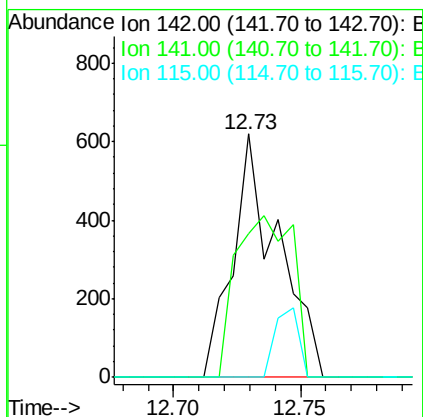
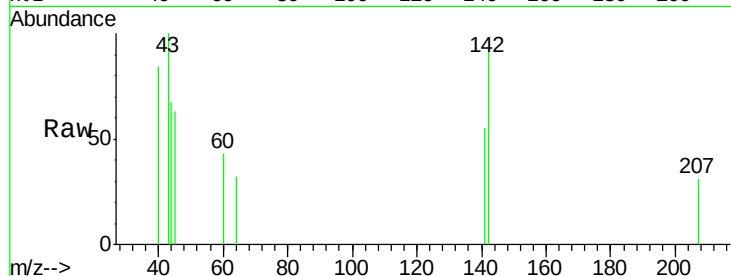




#37
 2-Methylnaphthalene
 Concen: 374.678 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. 0.19 min
 Lab File: BG040527.D
 Acq: 17 Apr 2019 7:37

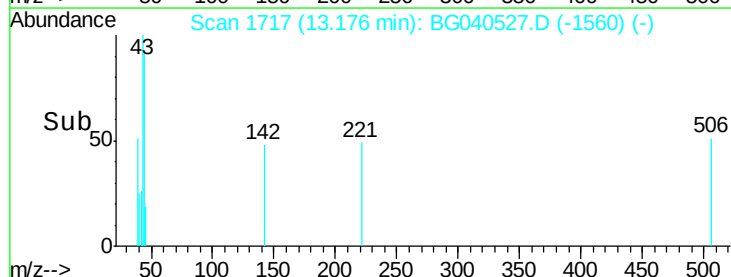
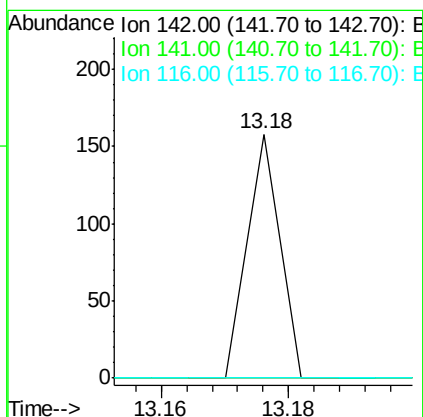
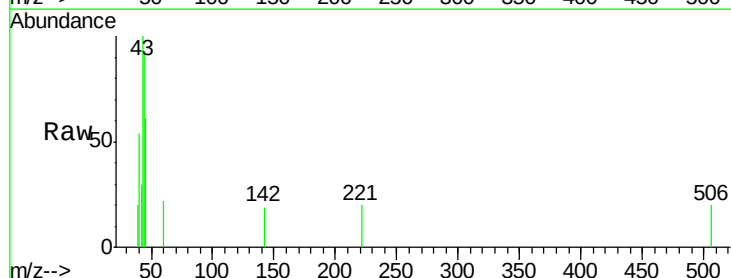
Instrument :
 BNA_G
 ClientSampleId :
 TP3-S

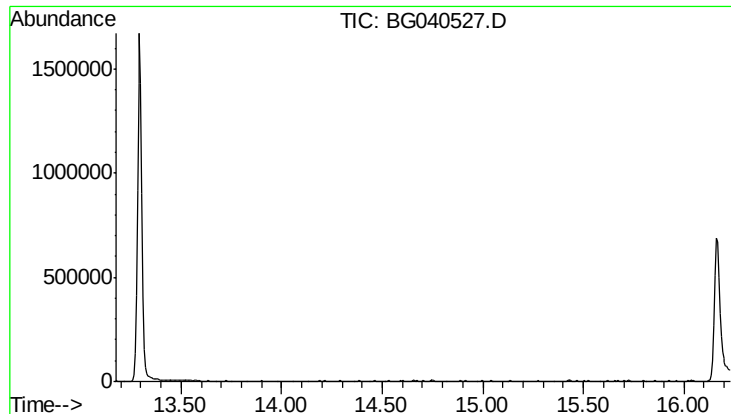
Tgt Ion:142 Resp: 767
 Ion Ratio Lower Upper
 142 100
 141 59.2 71.0 106.6#
 115 0.0 27.3 40.9#



#38
 1-Methylnaphthalene
 Concen: 28.211 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.42 min
 Lab File: BG040527.D
 Acq: 17 Apr 2019 7:37

Tgt Ion:142 Resp: 56
 Ion Ratio Lower Upper
 142 100
 141 0.0 74.2 111.4#
 116 0.0 3.0 4.4#





#39

Acenaphthene-d10

Concen: 0.000 ng

Expected RT: 14.70 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

Instrument :

BNA_G

ClientSampleId :

TP3-S

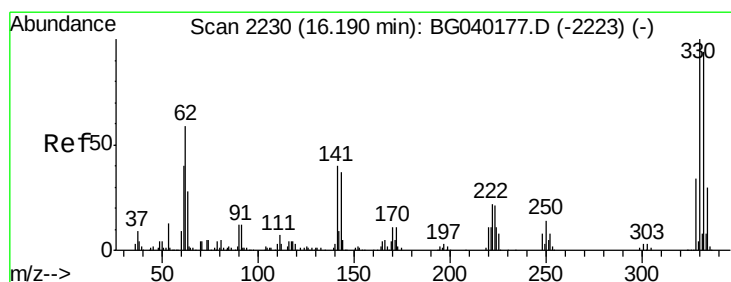
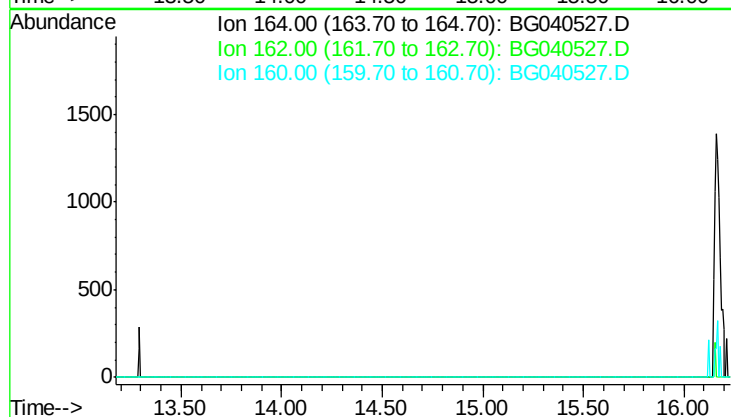
Tgt Ion: 164

Sig Exp Ratio

164 100

162 96.8

160 44.1



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

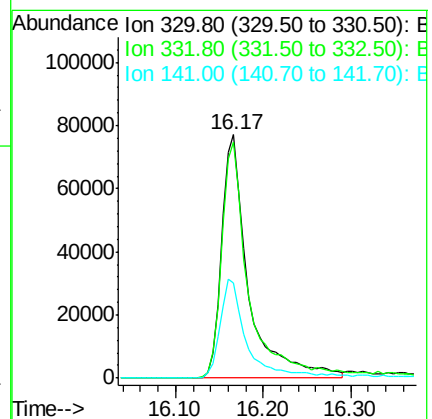
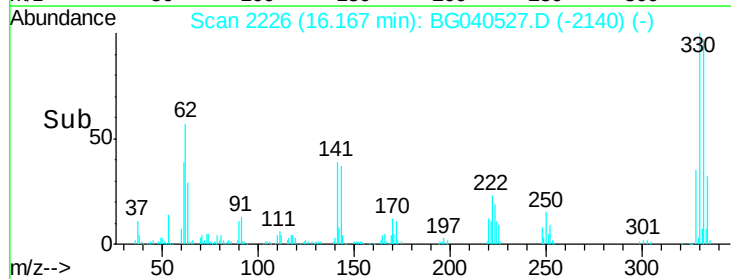
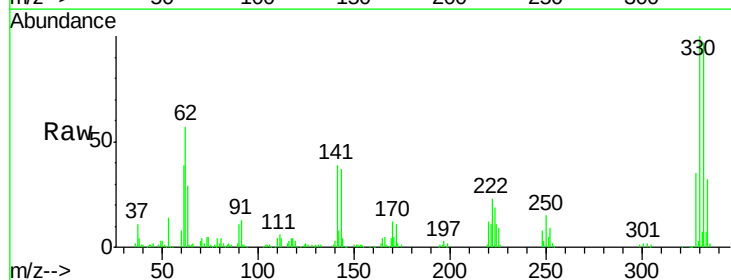
Tgt Ion: 330 Resp: 164167

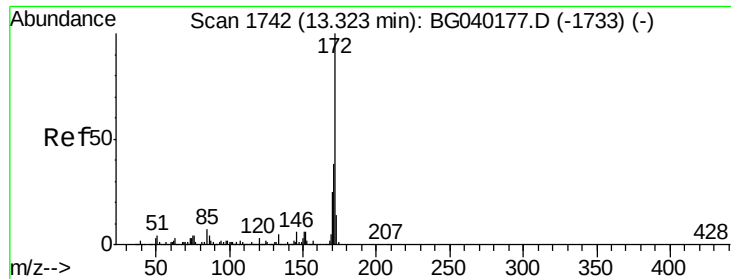
Ion Ratio Lower Upper

330 100

332 94.2 76.6 115.0

141 39.4 32.6 48.8

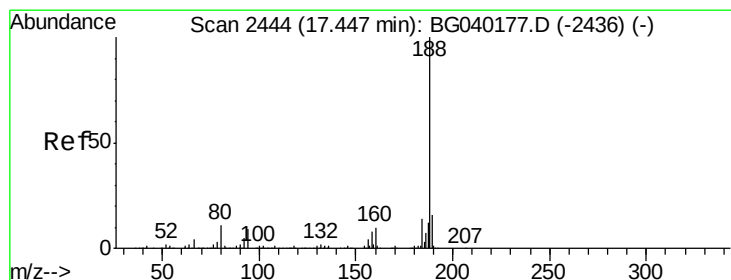
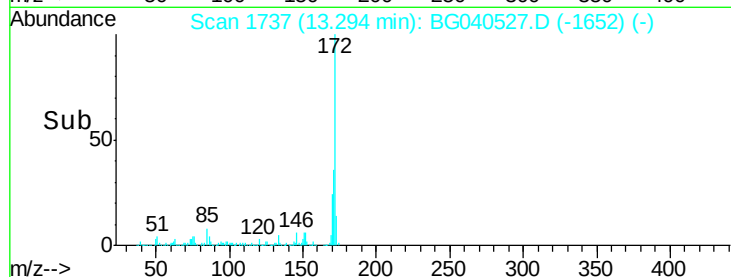
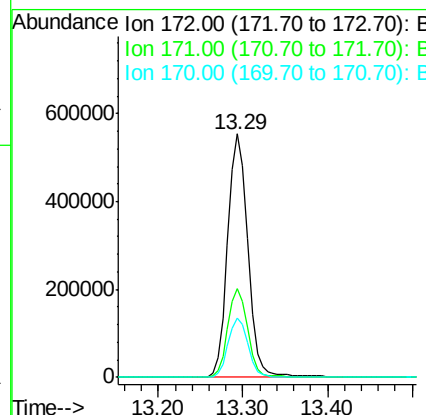
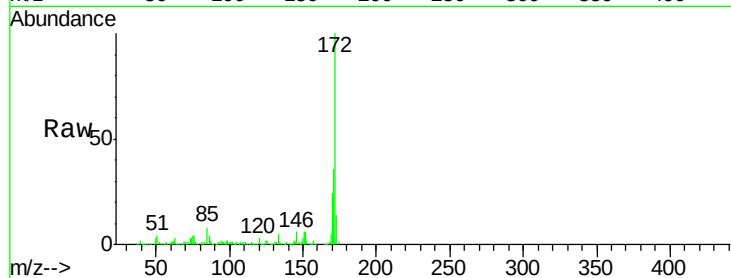




#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040527.D
Acq: 17 Apr 2019 7:37

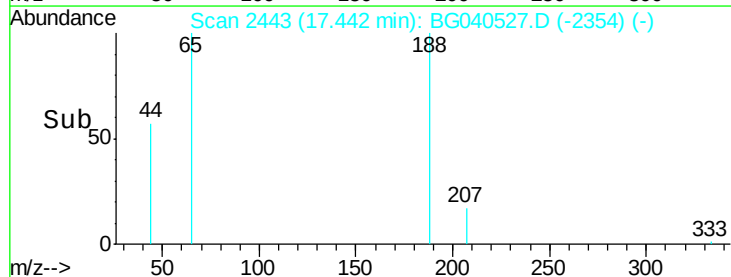
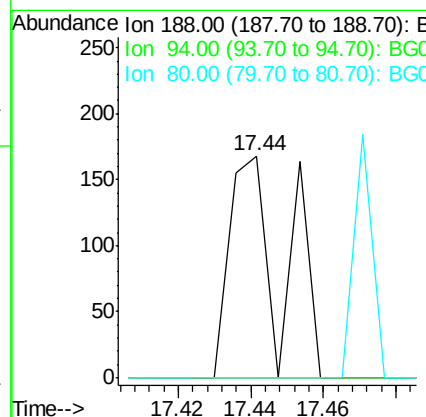
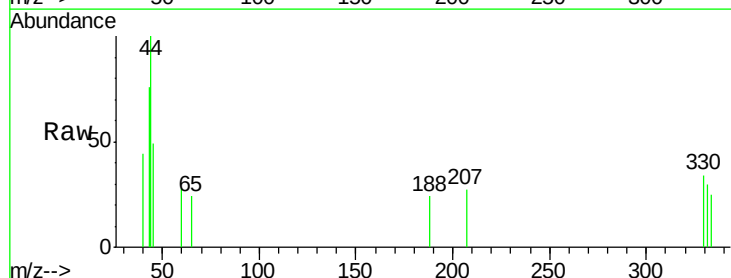
Instrument :
BNA_G
ClientSampleId :
TP3-S

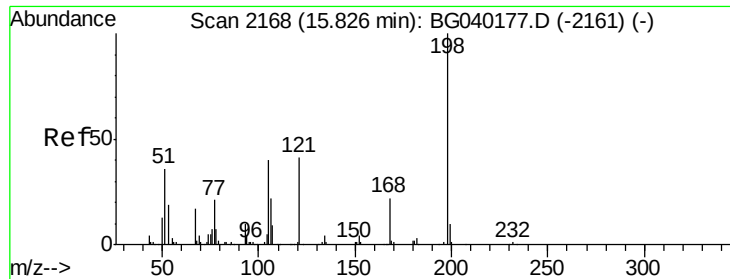
Tgt Ion:172 Resp: 920291
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 24.3 20.1 30.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG040527.D
Acq: 17 Apr 2019 7:37

Tgt Ion:188 Resp: 172
Ion Ratio Lower Upper
188 100
94 0.0 7.0 10.4#
80 0.0 8.6 13.0#





#65

4,6-Dinitro-2-methylphenol

Concen: 397.382 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.35 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

Instrument :

BNA_G

ClientSampleId :

TP3-S

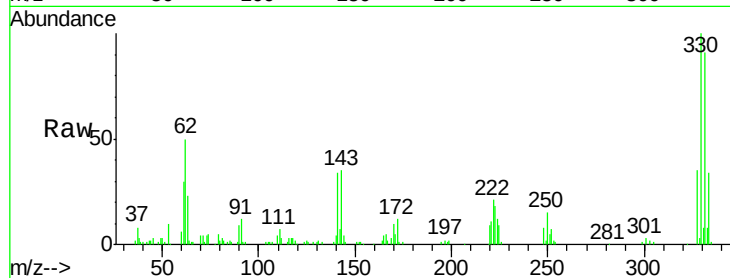
Tgt Ion:198 Resp: 384

Ion Ratio Lower Upper

198 100

51 63.7 27.3 67.3

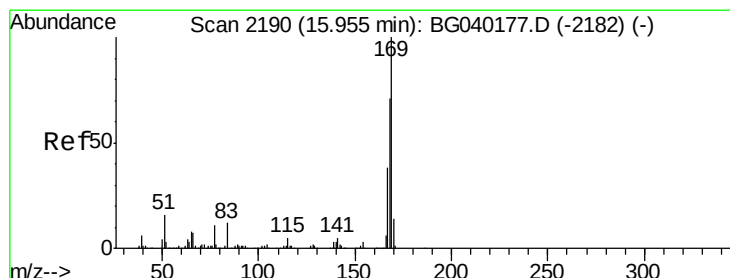
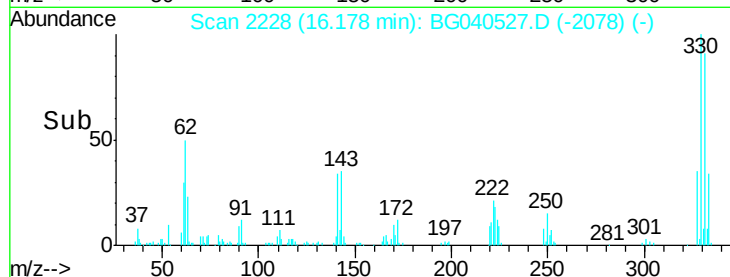
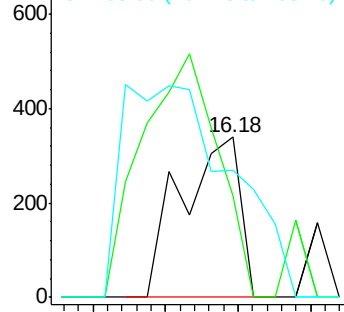
105 79.4 21.7 61.7#



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: 1234.006 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.21 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

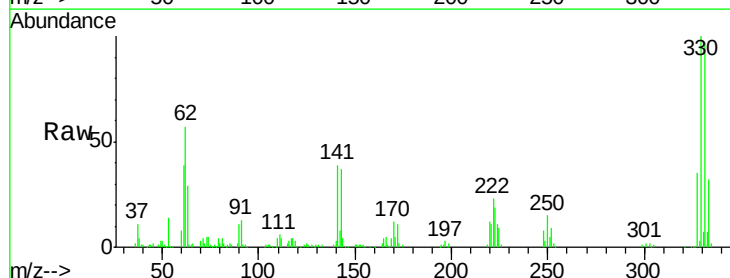
Tgt Ion:169 Resp: 6211

Ion Ratio Lower Upper

169 100

168 11.6 56.8 85.2#

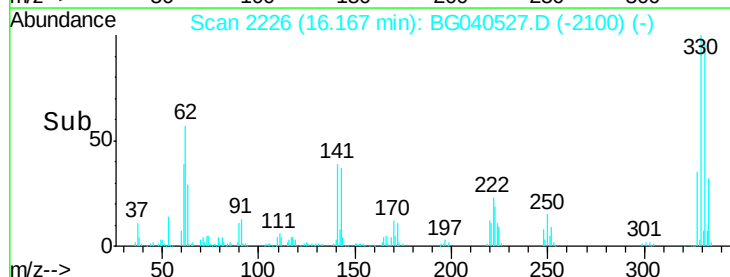
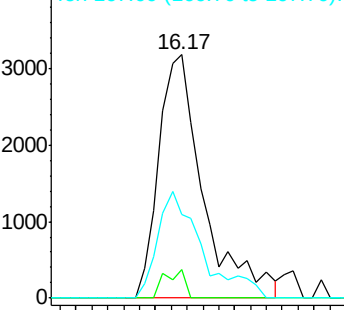
167 46.0 30.2 45.4#

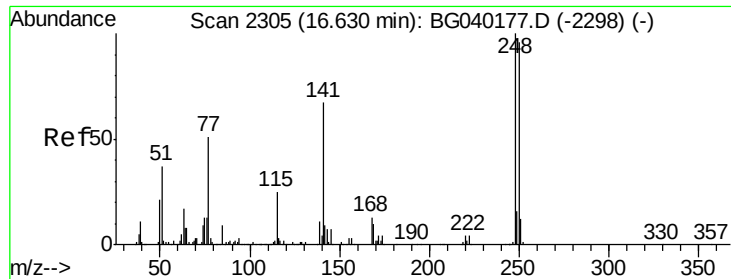


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

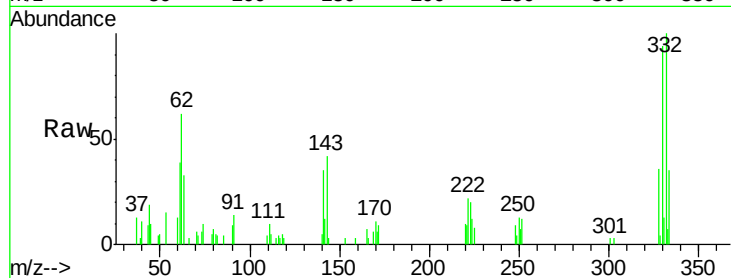




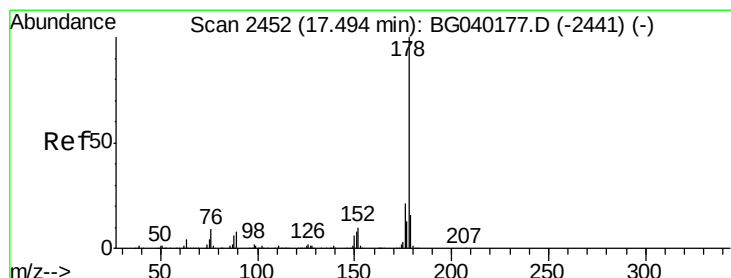
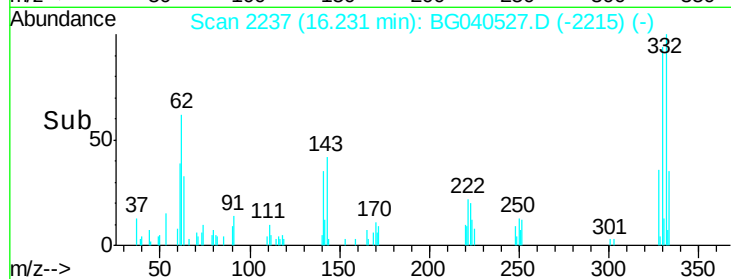
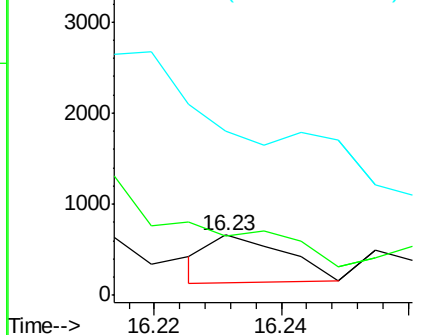
#67
 4-Bromophenyl-phenylether
 Concen: 219.571 ng
 RT: 16.23 min Scan# 2237
 Delta R.T. -0.40 min
 Lab File: BG040527.D
 Acq: 17 Apr 2019 7:37

Instrument :
 BNA_G
 ClientSampleId :
 TP3-S

Tgt Ion:248 Resp: 425
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.4 114.6
 141 273.5 53.8 80.8#

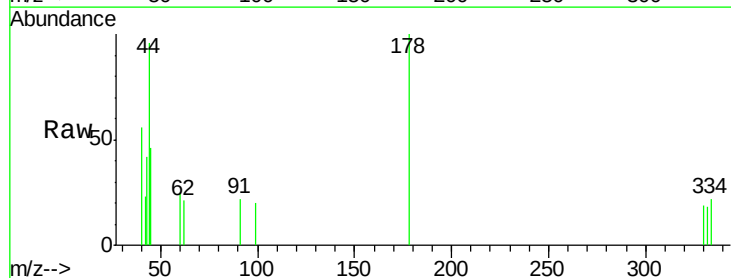


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

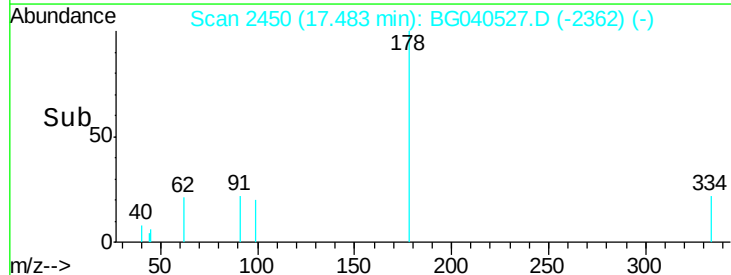
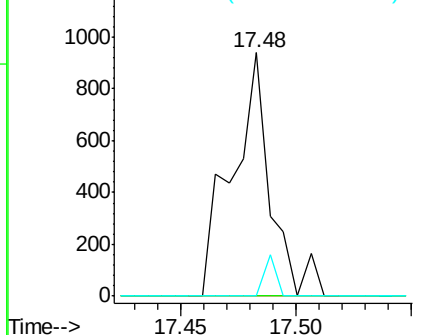


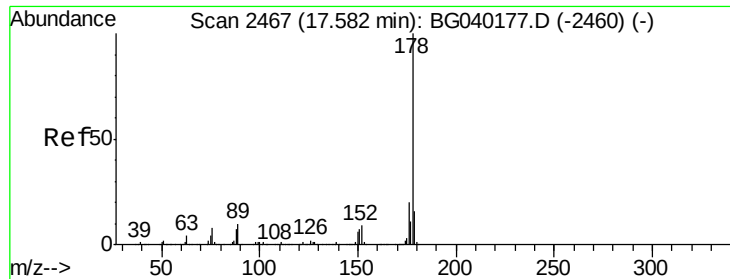
#71
 Phenanthrene
 Concen: 120.788 ng
 RT: 17.48 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BG040527.D
 Acq: 17 Apr 2019 7:37

Tgt Ion:178 Resp: 1092
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.7 25.1#
 179 0.0 12.8 19.2#



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: 14.035 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

Instrument :

BNA_G

ClientSampleId :

TP3-S

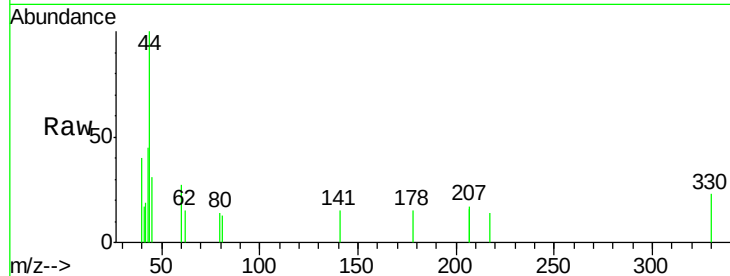
Tgt Ion:178 Resp: 127

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

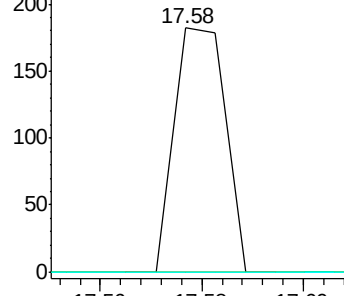
179 0.0 12.9 19.3#



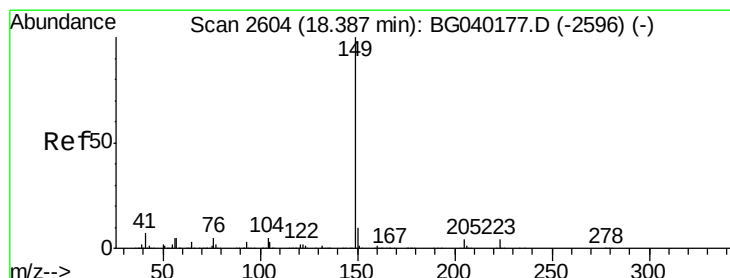
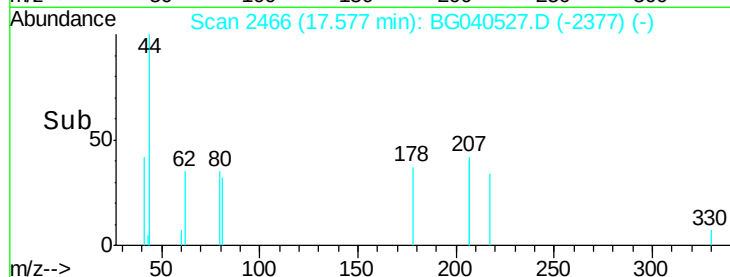
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 165.401 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

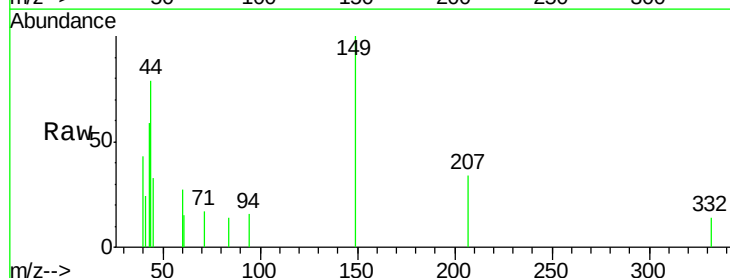
Tgt Ion:149 Resp: 1679

Ion Ratio Lower Upper

149 100

150 0.0 7.9 11.9#

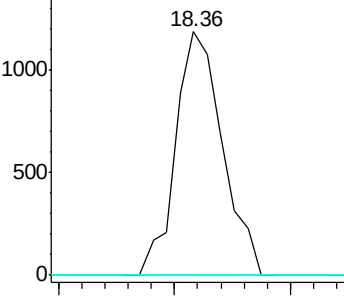
104 0.0 4.1 6.1#



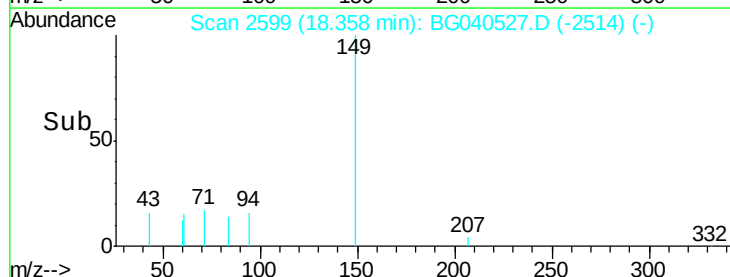
Abundance Ion 149.00 (148.70 to 149.70): E

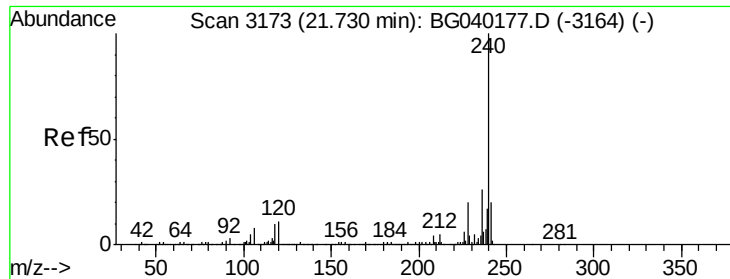
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

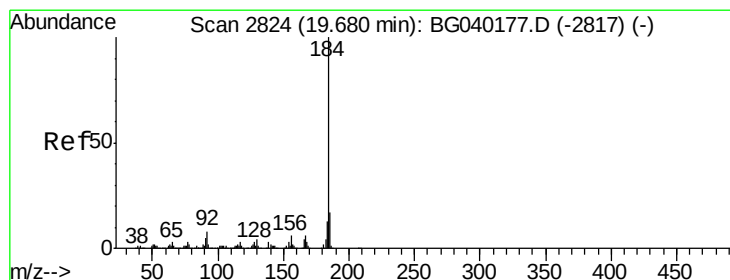
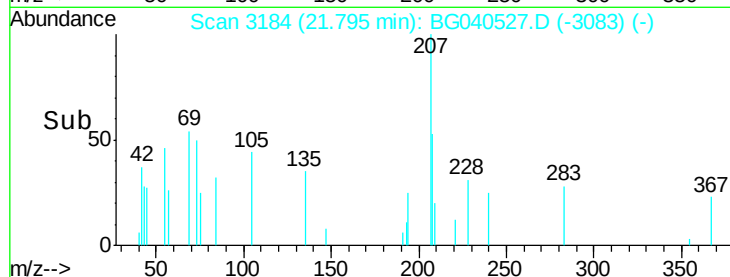
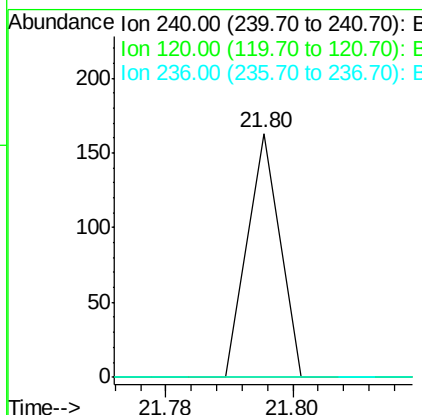
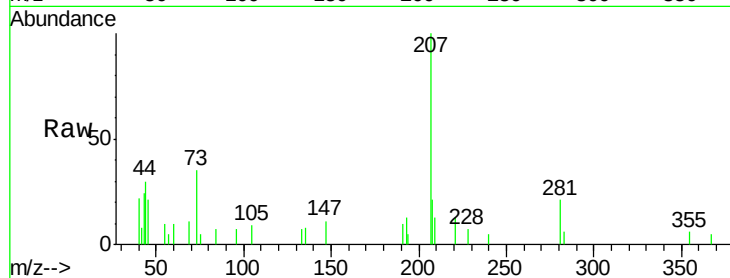




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. 0.07 min
Lab File: BG040527.D
Acq: 17 Apr 2019 7:37

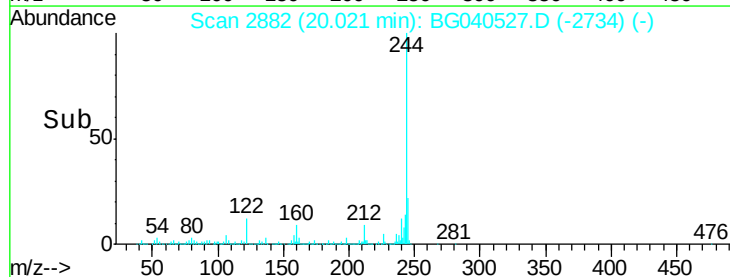
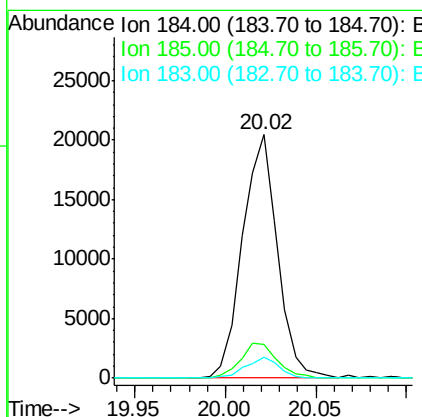
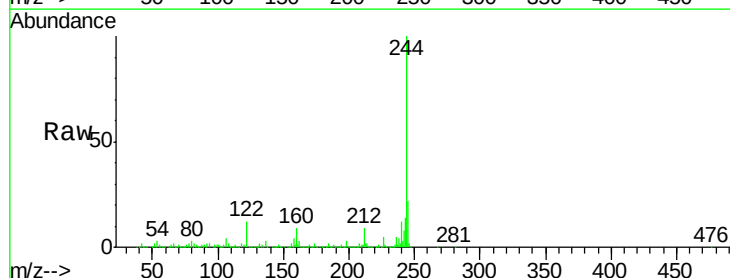
Instrument :
BNA_G
ClientSampleId :
TP3-S

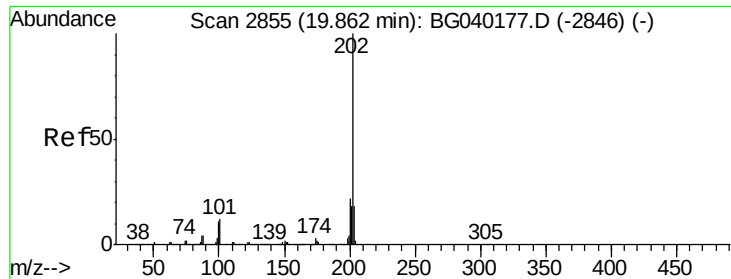
Tgt Ion: 240 Resp: 57
Ion Ratio Lower Upper
240 100
120 0.0 8.4 12.6#
236 0.0 20.8 31.2#



#77
Benzidine
Concen: 13257.815 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.34 min
Lab File: BG040527.D
Acq: 17 Apr 2019 7:37

Tgt Ion: 184 Resp: 27289
Ion Ratio Lower Upper
184 100
185 14.0 13.3 19.9
183 8.6 10.3 15.5#





#78

Pyrene

Concen: 1635.101 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.16 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

Instrument :

BNA_G

ClientSampleId :

TP3-S

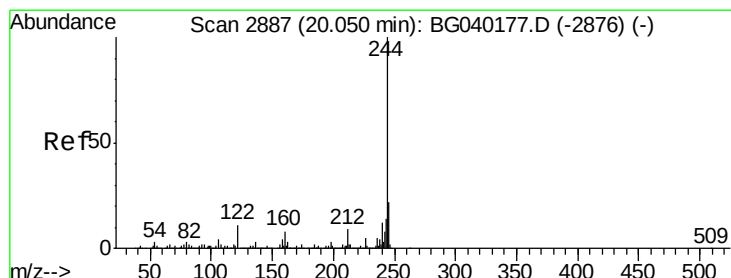
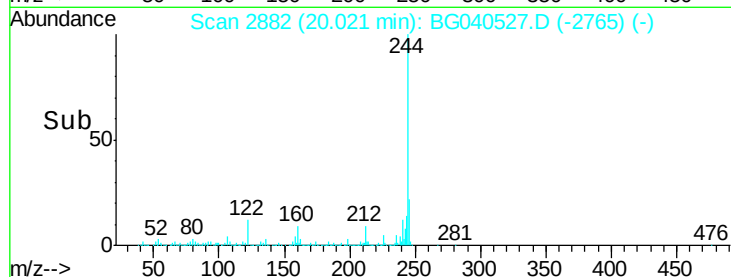
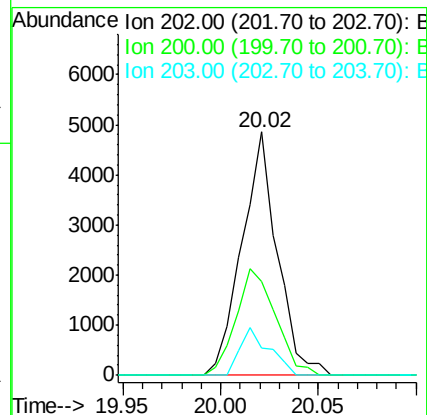
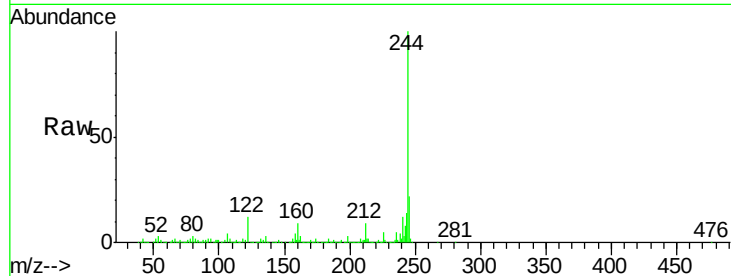
Tgt Ion:202 Resp: 6129

Ion Ratio Lower Upper

202 100

200 38.5 17.3 25.9#

203 11.3 14.6 22.0#



#79

Terphenyl-d14

Concen: 611884.717 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

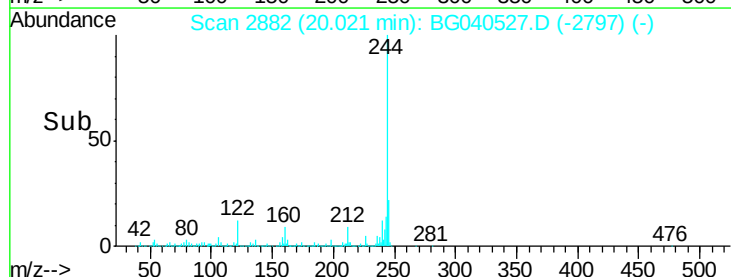
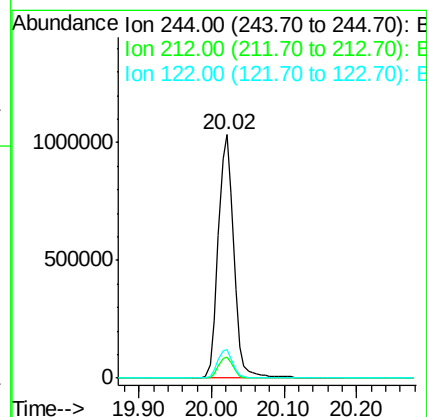
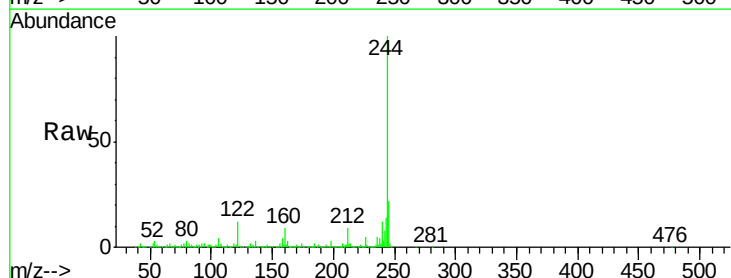
Tgt Ion:244 Resp: 1550347

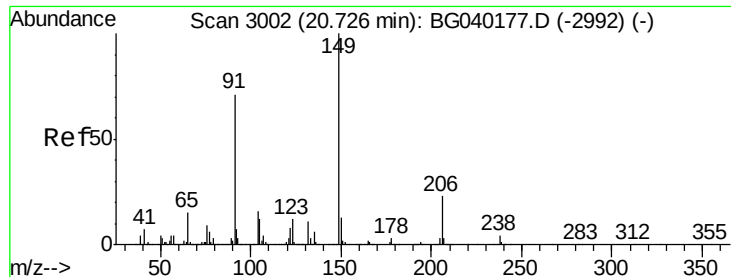
Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

122 11.7 8.5 12.7

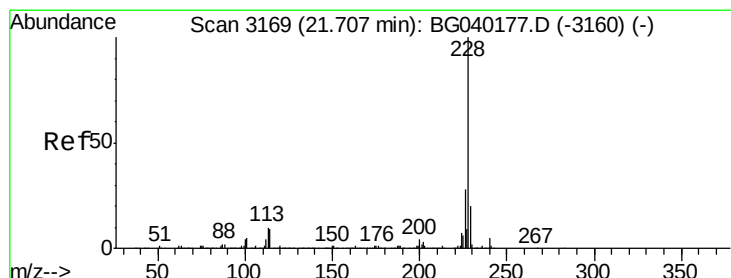
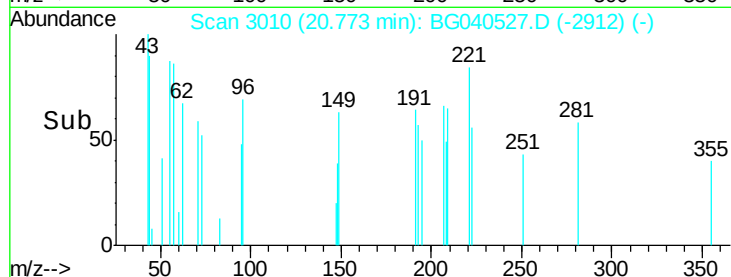
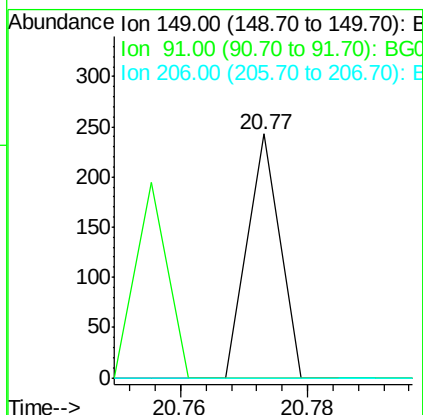
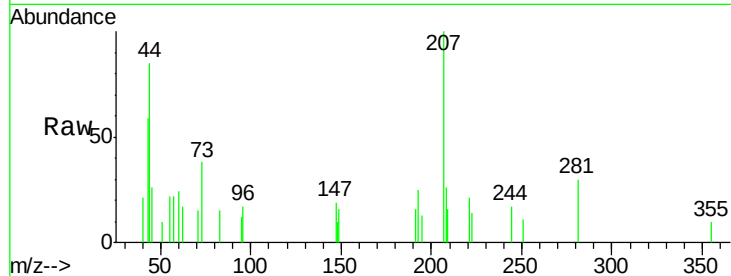




#80
Butylbenzylphthalate
Concen: 53.616 ng
RT: 20.77 min Scan# 3010
Delta R.T. 0.05 min
Lab File: BG040527.D
Acq: 17 Apr 2019 7:37

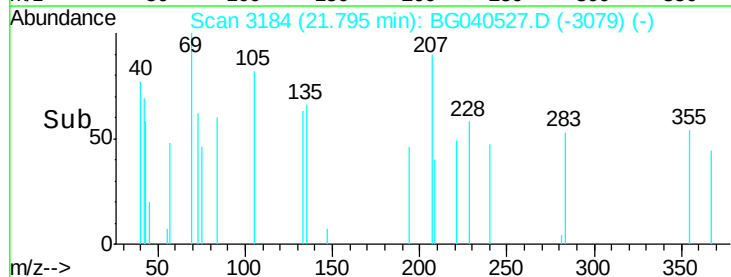
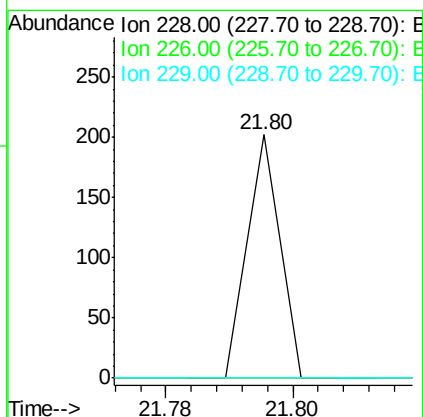
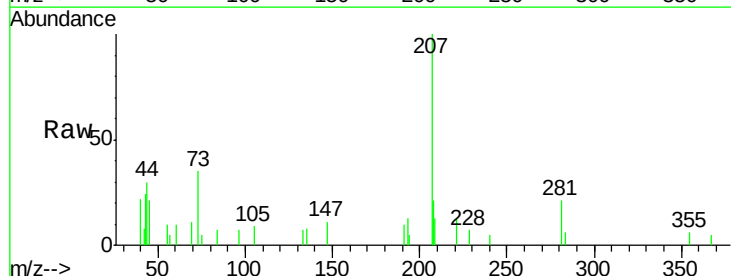
Instrument :
BNA_G
ClientSampled :
TP3-S

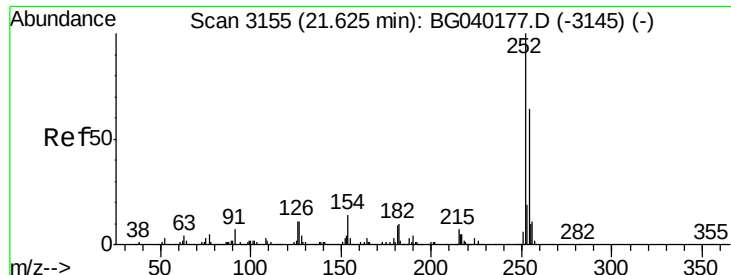
Tgt Ion:149 Resp: 86
Ion Ratio Lower Upper
149 100
91 0.0 57.0 85.4#
206 0.0 18.2 27.4#



#81
Benzo(a)anthracene
Concen: 20.223 ng
RT: 21.80 min Scan# 3184
Delta R.T. 0.09 min
Lab File: BG040527.D
Acq: 17 Apr 2019 7:37

Tgt Ion:228 Resp: 71
Ion Ratio Lower Upper
228 100
226 0.0 22.6 34.0#
229 0.0 16.1 24.1#

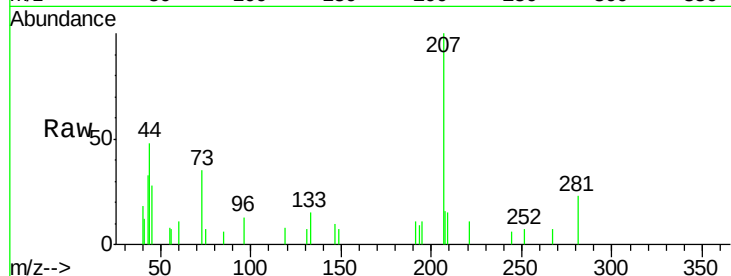




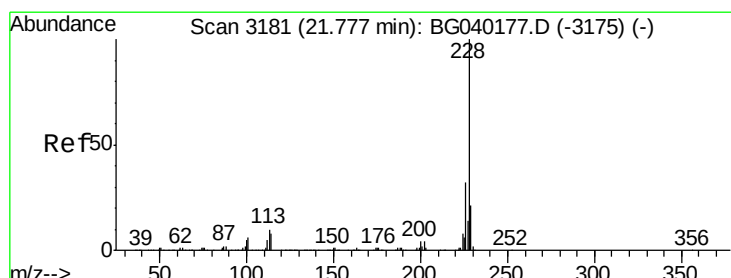
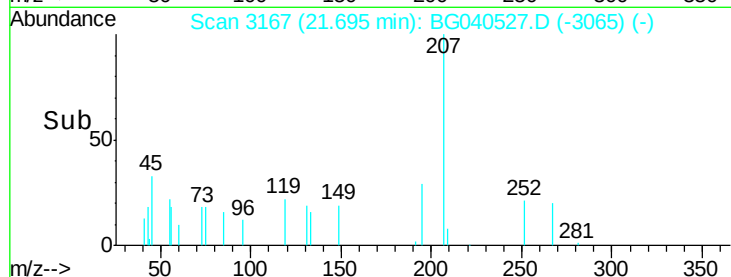
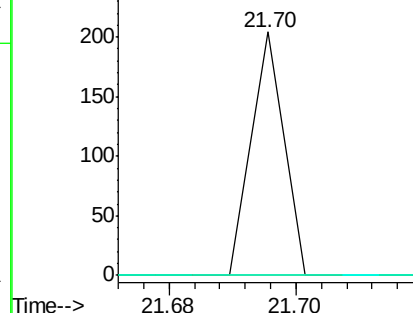
#82
 3,3'-Dichlorobenzidine
 Concen: 53.910 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. 0.07 min
 Lab File: BG040527.D
 Acq: 17 Apr 2019 7:37

Instrument :
 BNA_G
 ClientSampled :
 TP3-S

Tgt Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.2#
126	0.0	8.5	12.7#

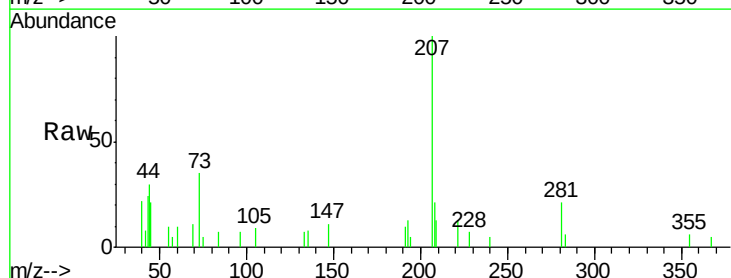


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

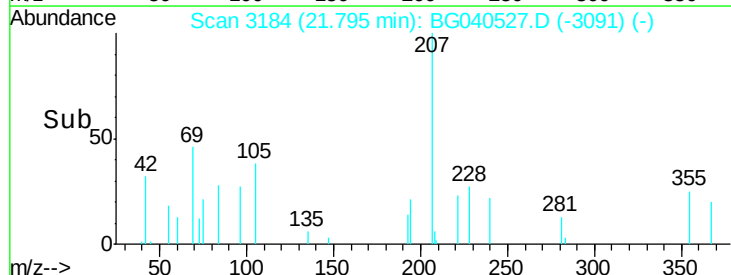
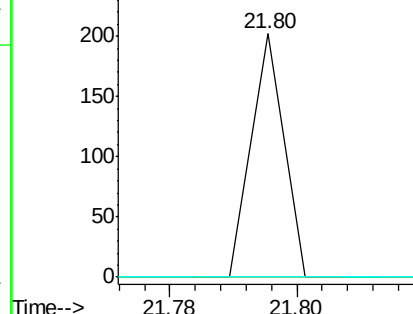


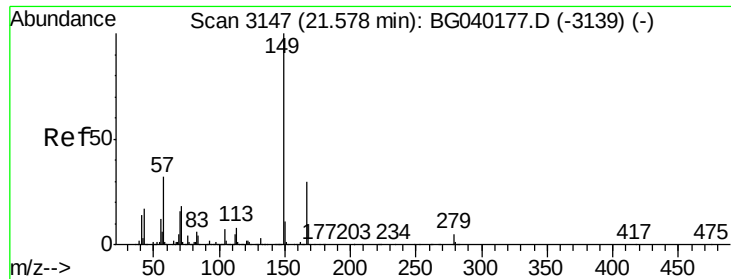
#83
 Chrysene
 Concen: 21.042 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. 0.02 min
 Lab File: BG040527.D
 Acq: 17 Apr 2019 7:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.0#
229	0.0	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





#84

Bis(2-ethylhexyl)phthalate

Concen: 26.168 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.06 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

Instrument :

BNA_G

ClientSampled :

TP3-S

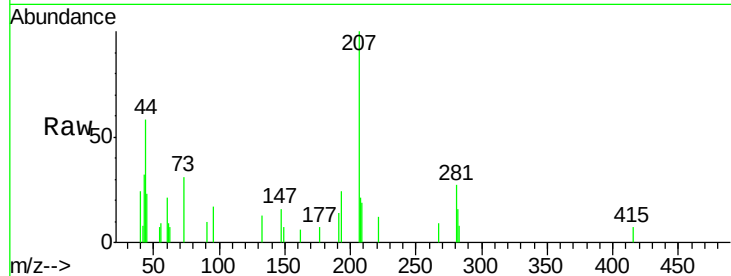
Tgt Ion:149 Resp: 60

Ion Ratio Lower Upper

149 100

167 0.0 24.1 36.1#

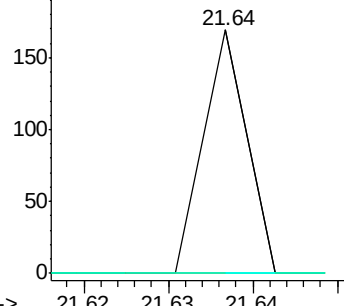
279 0.0 4.1 6.1#



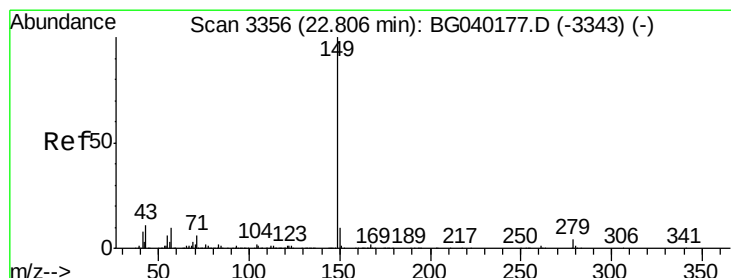
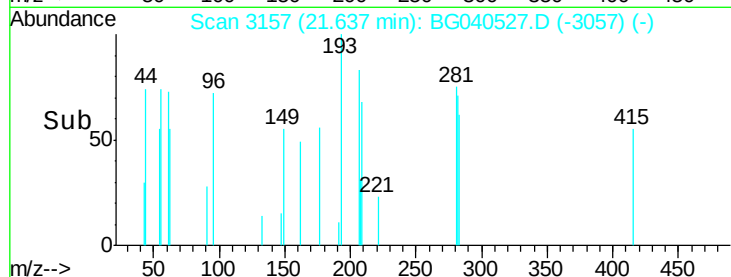
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 16.639 ng

RT: 22.89 min Scan# 3370

Delta R.T. 0.08 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

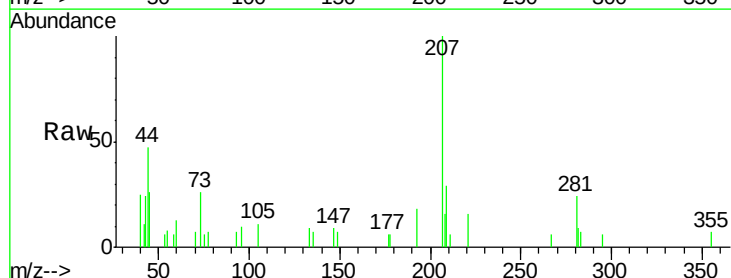
Tgt Ion:149 Resp: 65

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

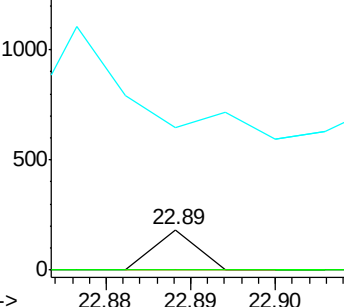
43 693.8 8.7 13.1#



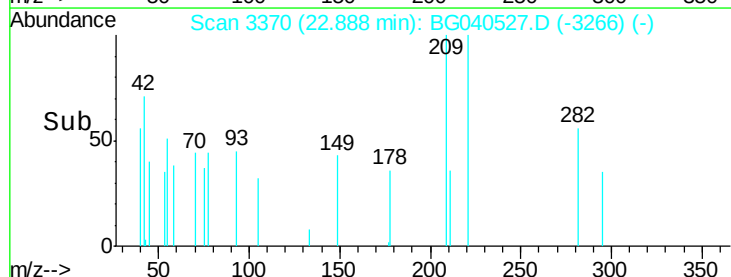
Abundance Ion 149.00 (148.70 to 149.70): E

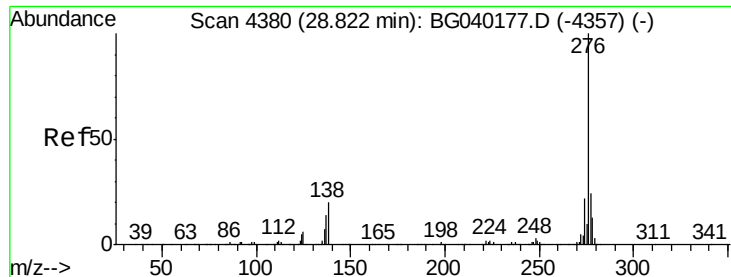
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG



Time-->





#86

Indeno(1,2,3-cd)pyrene

Concen: 13.085 ng

RT: 28.61 min Scan# 4343

Delta R.T. -0.22 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

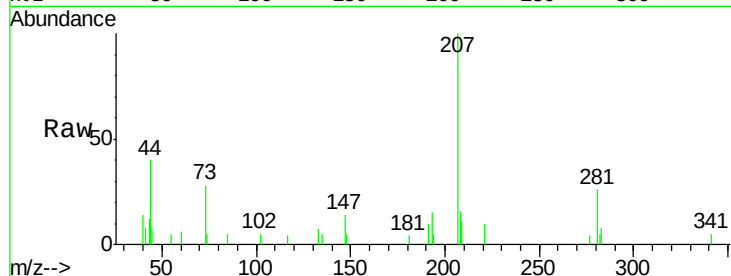
Instrument :

BNA_G

ClientSampleId :

TP3-S

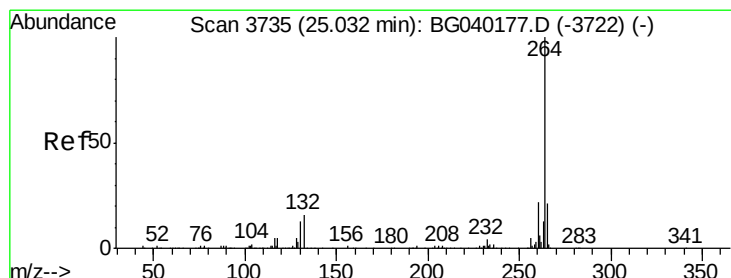
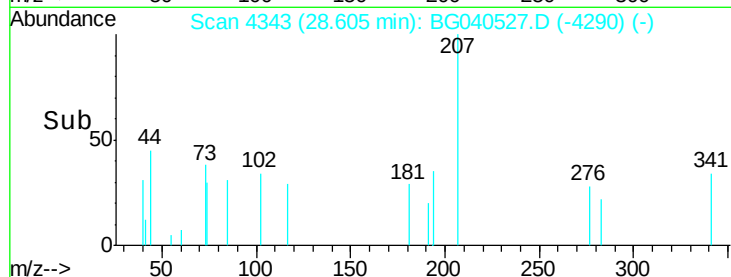
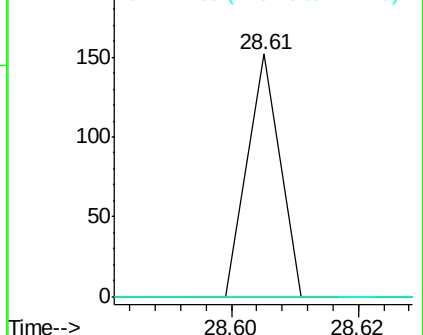
Tgt Ion:	276	Resp:	54
Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.8	28.2#
277	0.0	21.0	31.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

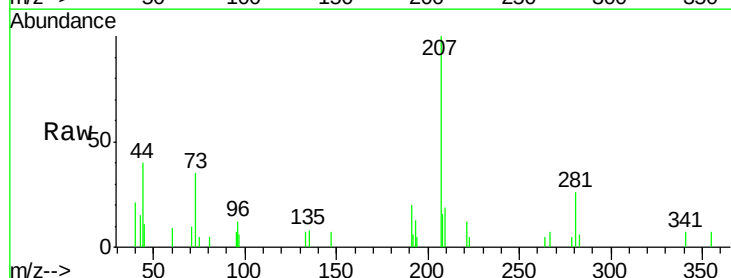
RT: 25.10 min Scan# 3746

Delta R.T. 0.06 min

Lab File: BG040527.D

Acq: 17 Apr 2019 7:37

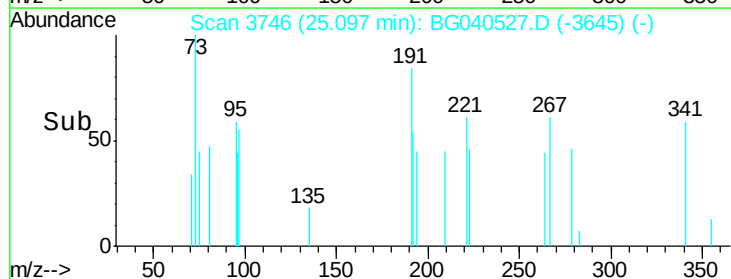
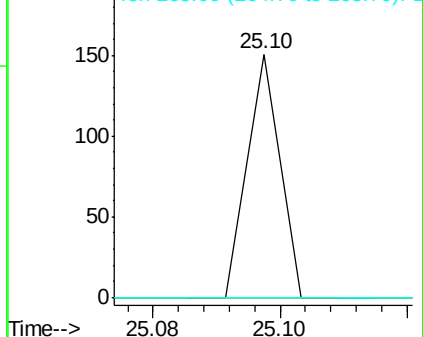
Tgt Ion:	264	Resp:	53
Ion	Ratio	Lower	Upper
264	100		
260	0.0	17.9	26.9#
265	0.0	16.8	25.2#

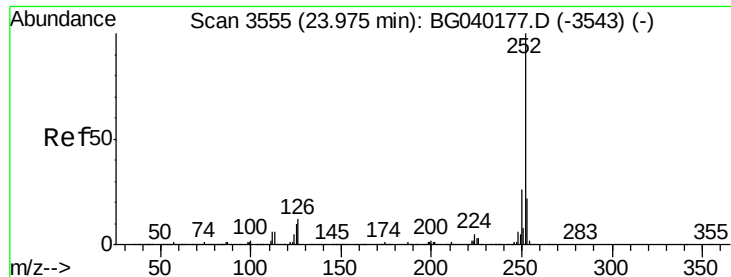


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

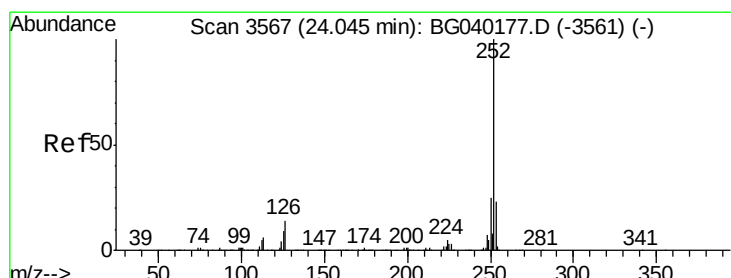
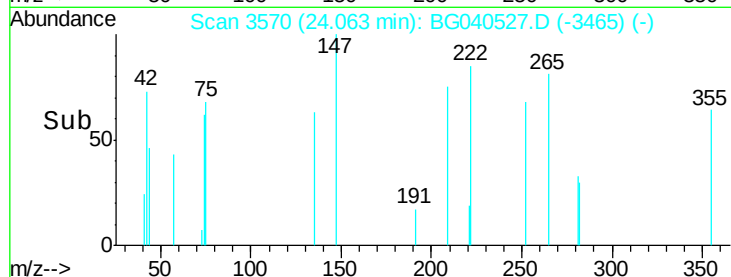
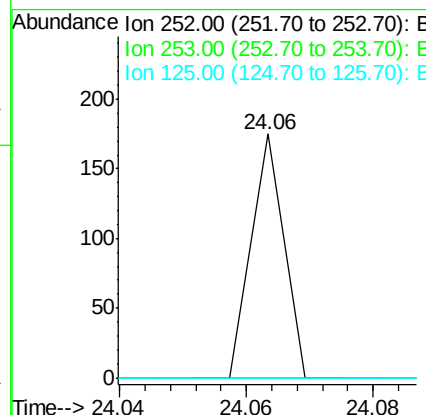
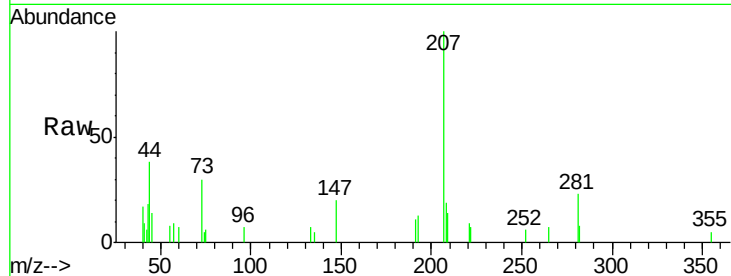




#88
Benzo(b)fluoranthene
Concen: 19.107 ng
RT: 24.06 min Scan# 3570
Delta R.T. 0.09 min
Lab File: BG040527.D
Acq: 17 Apr 2019 7:37

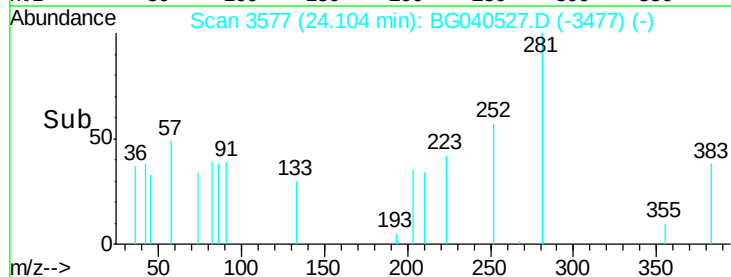
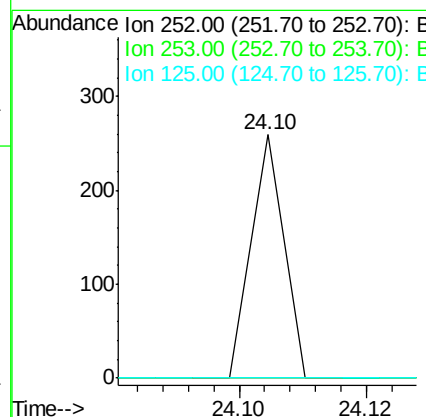
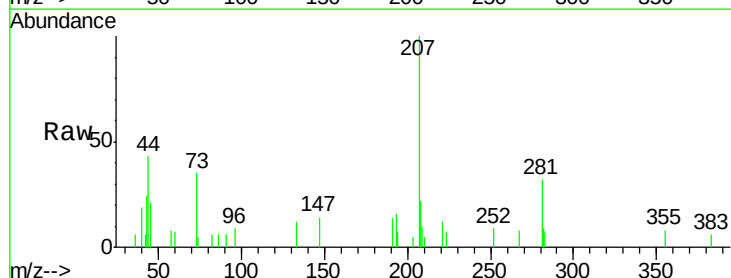
Instrument :
BNA_G
ClientSampleId :
TP3-S

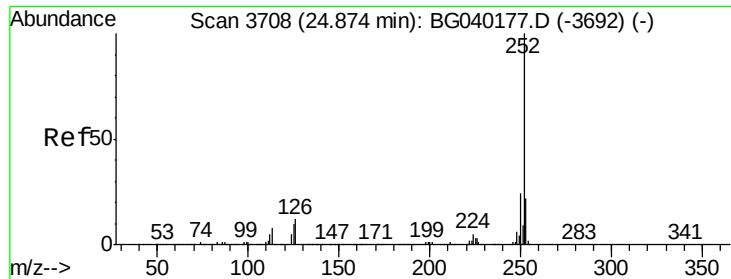
Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.6	26.4#
125	0.0	8.2	12.4#



#89
Benzo(k)fluoranthene
Concen: 30.496 ng
RT: 24.10 min Scan# 3577
Delta R.T. 0.06 min
Lab File: BG040527.D
Acq: 17 Apr 2019 7:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.6	28.0#
125	0.0	7.3	10.9#





#90

Benzo(a)pyrene

Concen: 18.065 ng

RT: 24.91 min Scan# 3714

Delta R.T. 0.04 min

Lab File: BG040527.D

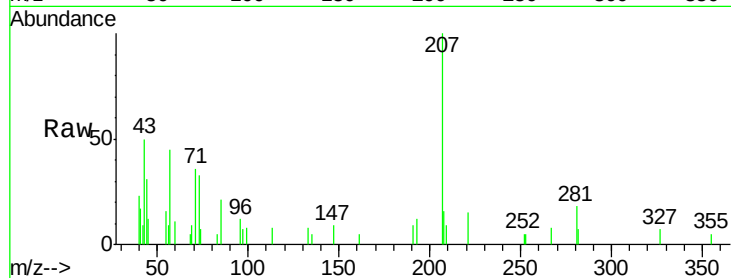
Acq: 17 Apr 2019 7:37

Instrument :

BNA_G

ClientSampleId :

TP3-S



Tgt Ion:	252	Resp:	55
Ion	Ratio	Lower	Upper
252	100		
253	107.1	17.8	26.8#
125	0.0	8.3	12.5#

