

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027429.D
 Acq On : 14 Jun 2017 22:45
 Operator : SJ/MA
 Sample : I3665-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 04:44:48 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	37443	20.00	ng	0.00
21) Naphthalene-d8	11.35	136	176638	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	118099	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	331921	20.00	ng	0.00
75) Chrysene-d12	22.23	240	393342	20.00	ng	0.00
86) Perylene-d12	25.89	264	382444	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	333001	125.69	ng	0.00
7) Phenol-d6	7.66	99	473687	116.34	ng	0.00
23) Nitrobenzene-d5	9.69	82	269104	77.67	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	238463	134.54	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	608034	74.38	ng	0.00
78) Terphenyl-d14	20.43	244	1228356	80.04	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.98	88	63	0.06	ng	# 1
3) Pyridine	4.53	79	552	0.16	ng	# 10
4) n-Nitrosodimethylamine	4.40	42	54	0.04	ng	# 1
6) Aniline	7.86	93	486	0.10	ng	# 38
9) Benzaldehyde	7.66	77	943	0.34	ng	# 10
10) Phenol	7.68	94	16090	3.83	ng	# 95
11) bis(2-Chloroethyl)ether	7.86	93	486	0.15	ng	# 11
15) Benzyl Alcohol	8.85	79	4401	1.49	ng	# 52
16) 2,2'-oxybis(1-Chloropropan	9.03	45	209	0.04	ng	# 74
24) Nitrobenzene	9.69	77	927	0.24	ng	# 40
31) Naphthalene	11.40	128	53	0.01	ng	# 67
33) 4-Chloroaniline	11.50	127	182	0.04	ng	# 40
37) 2-Methylnaphthalene	12.97	142	93	0.01	ng	# 14
45) 1,1'-Biphenyl	13.94	154	909	0.10	ng	# 84
49) Dimethylphthalate	14.54	163	77995	7.95	ng	# 98
50) 2,6-Dinitrotoluene	14.54	165	755	0.37	ng	# 9
51) Acenaphthene	15.16	154	60	0.01	ng	# 72
54) Dibenzofuran	15.51	168	130	0.01	ng	# 40
57) Fluorene	16.15	166	241	0.02	ng	# 67
59) Diethylphthalate	15.89	149	157	0.02	ng	# 56
62) Azobenzene	16.59	77	1472	0.14	ng	# 12
65) n-Nitrosodiphenylamine	16.59	169	8042	0.78	ng	# 46
70) Phenanthrene	17.90	178	936	0.05	ng	# 68
71) Anthracene	17.90	178	936	0.05	ng	# 67
73) Di-n-butylphthalate	18.78	149	3034	0.16	ng	# 73
74) Fluoranthene	19.89	202	469	0.02	ng	# 61
76) Benzdine	20.04	184	58	0.01	ng	# 64
77) Pyrene	20.25	202	415	0.02	ng	# 53
79) Butylbenzylphthalate	21.14	149	196	0.02	ng	# 19
80) Benzo(a)anthracene	22.23	228	1297	0.06	ng	# 57
81) 3,3'-Dichlorobenzidine	22.11	252	294	0.03	ng	# 24
82) Chrysene	22.29	228	62	0.00	ng	# 46
83) Bis(2-ethylhexyl)phthalate	22.06	149	1252	0.10	ng	# 51
84) Di-n-octyl phthalate	23.43	149	292	0.01	ng	# 1

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QLast Update : Wed Jun 14 19:09:08 2017
Response via : Initial Calibration

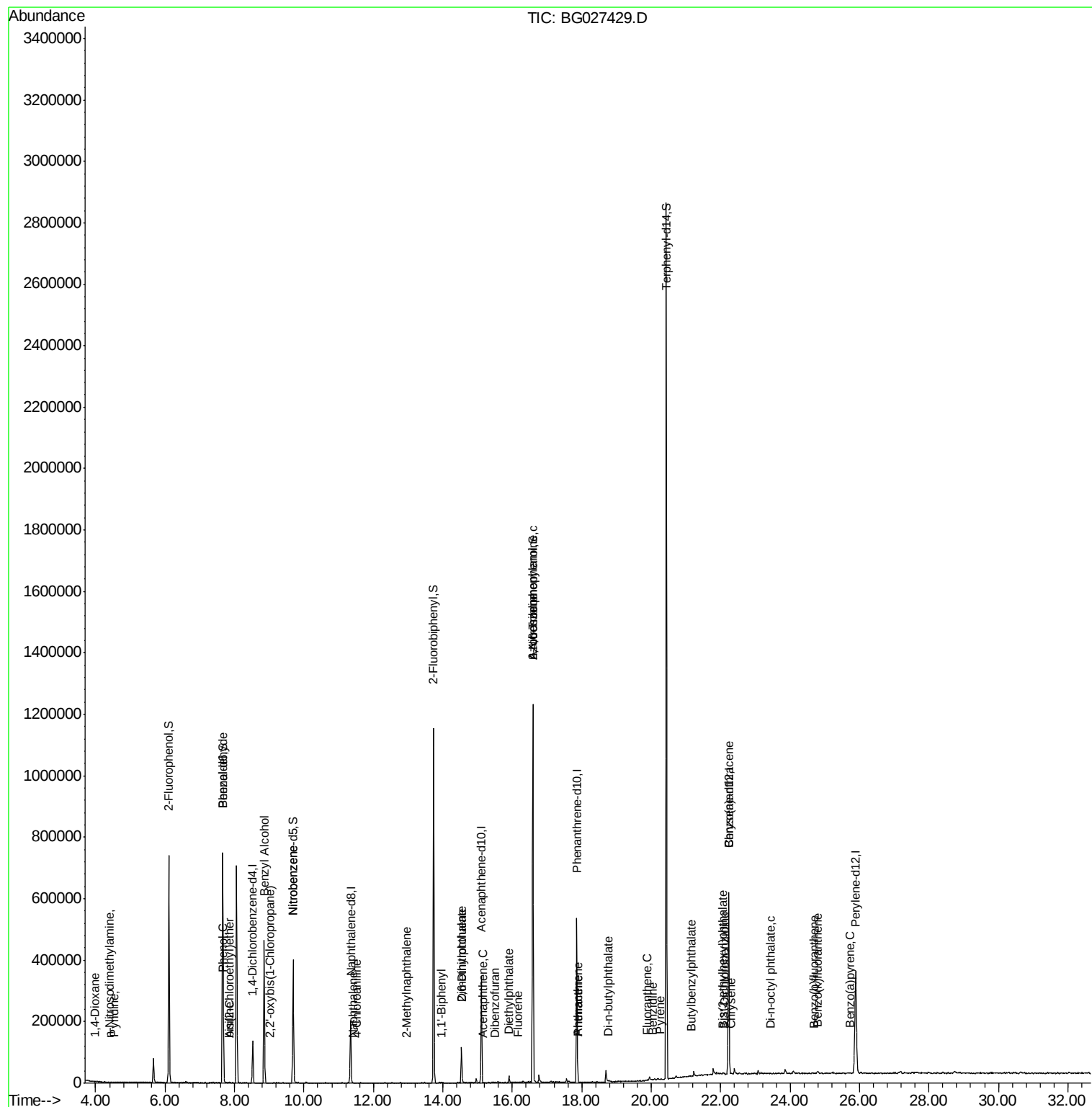
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	24.71	252	210	0.01	nq	# 58
88) Benzo(k)fluoranthene	24.79	252	135	0.01	nq	# 56
89) Benzo(a)pyrene	25.70	252	80	0.00	nq	# 58

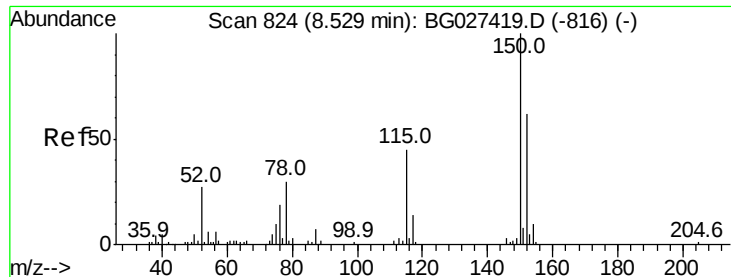
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.52 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

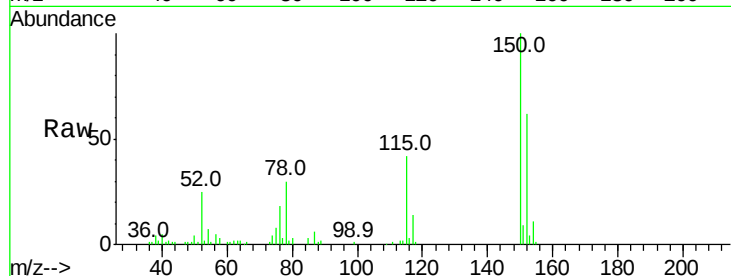
Tot Ion:152 Resp: 37443

Ion Ratio Lower Upper

152 100

150 160.6 114.0 171.0

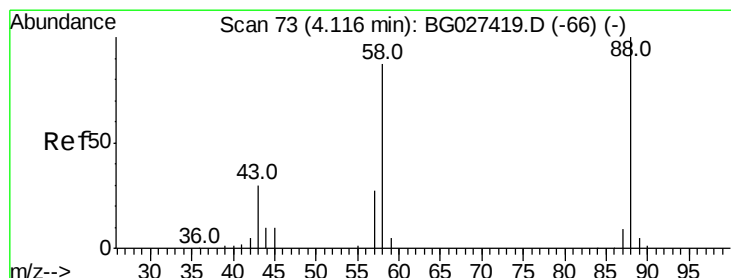
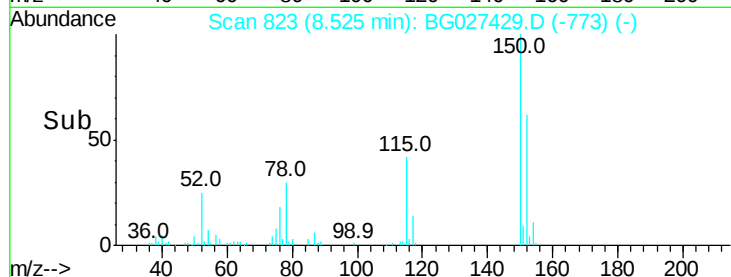
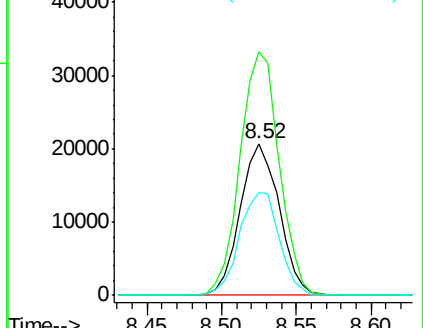
115 67.9 48.1 72.1



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: 0.06 ng

RT: 3.98 min Scan# 50

Delta R.T. -0.13 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

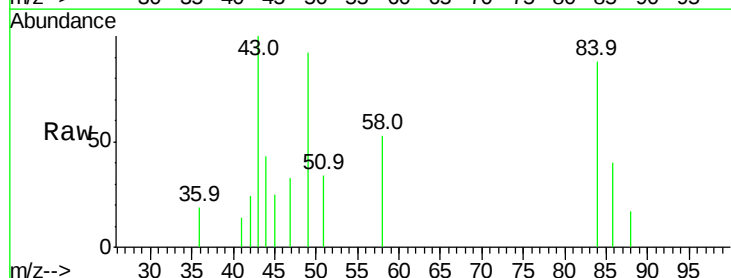
Tgt Ion: 88 Resp: 63

Ion Ratio Lower Upper

88 100

58 539.7 79.4 119.2#

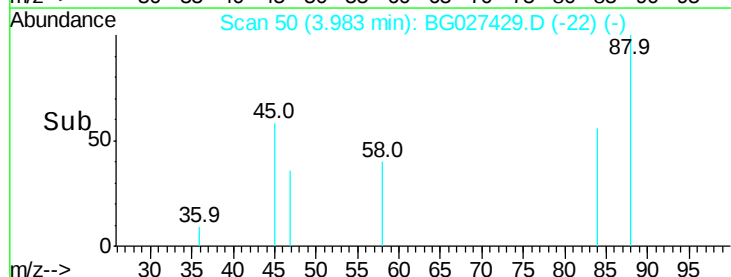
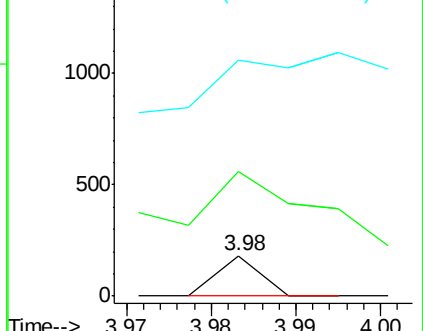
43 549.2 33.8 50.6#

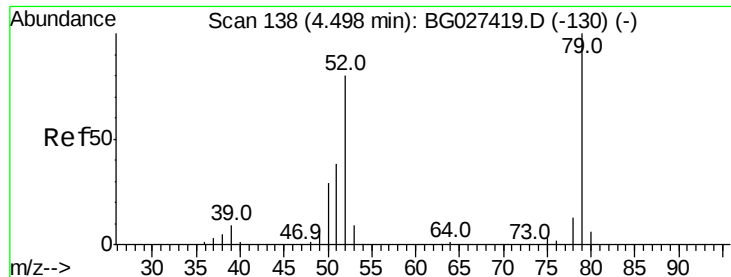


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.16 ng

RT: 4.53 min Scan# 143

Delta R.T. 0.03 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampled :

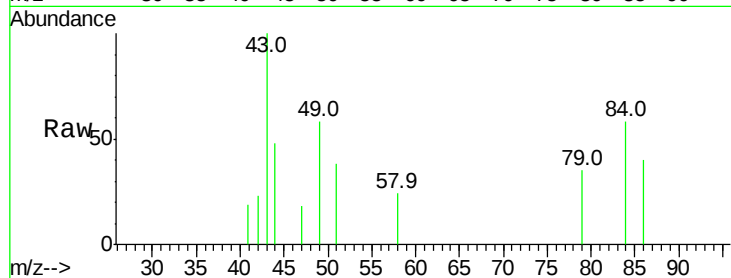
Tot Ion: 79 Resp: 552

Ion Ratio Lower Upper

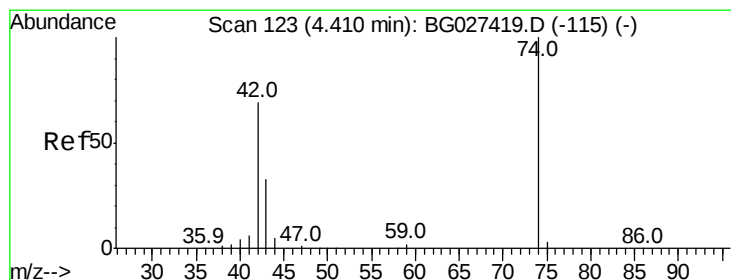
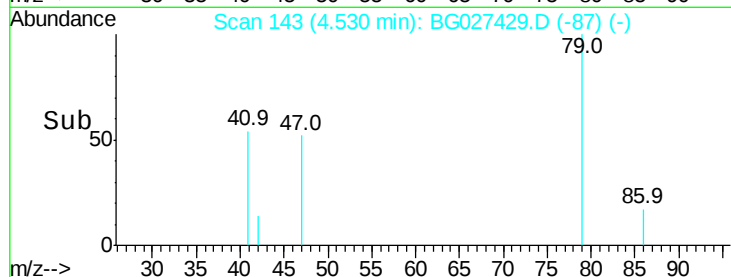
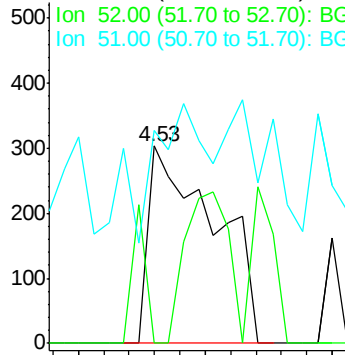
79 100

52 0.0 77.8 116.6#

51 107.9 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 4.40 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

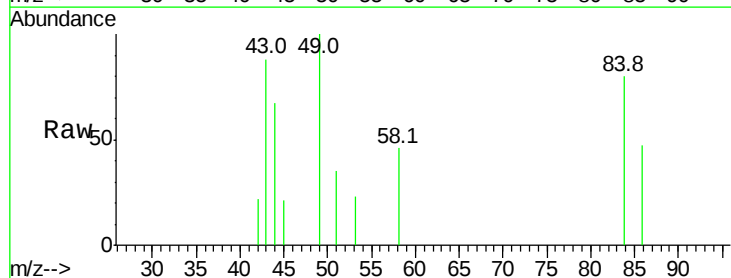
Tgt Ion: 42 Resp: 54

Ion Ratio Lower Upper

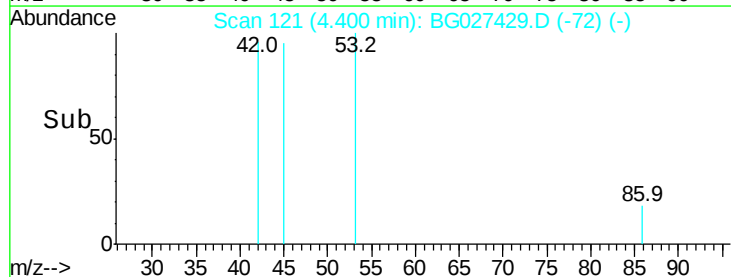
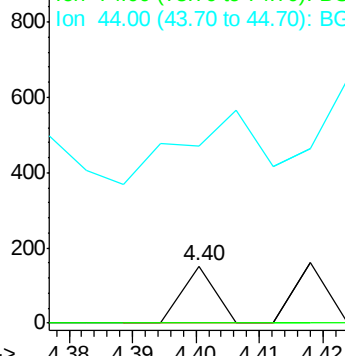
42 100

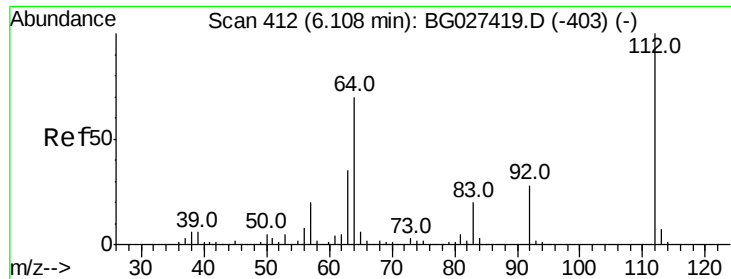
74 0.0 76.7 115.1#

44 309.9 6.1 9.1#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 125.69 ng

RT: 6.11 min Scan# 412

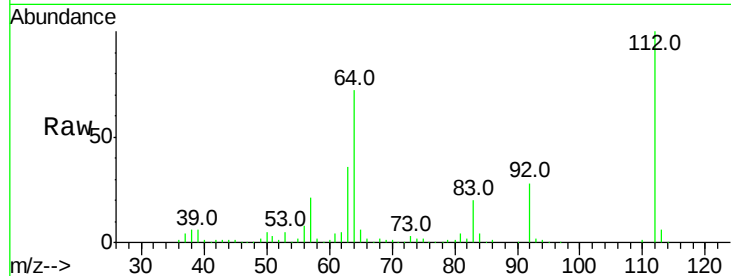
Delta R.T. 0.00 min

Lab File: BG027429.D

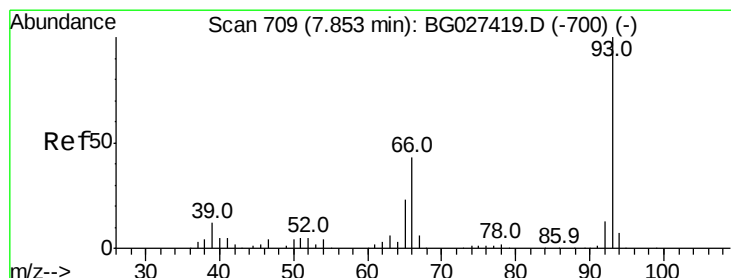
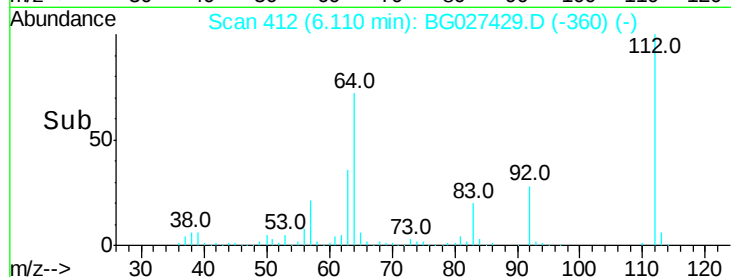
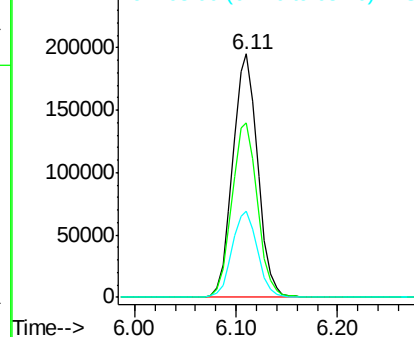
Acq: 14 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	112	Resp:	333001
Ion	Ratio	Lower	Upper
112	100		
64	71.6	61.8	92.6
63	35.6	37.2	55.8#



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: 0.10 ng

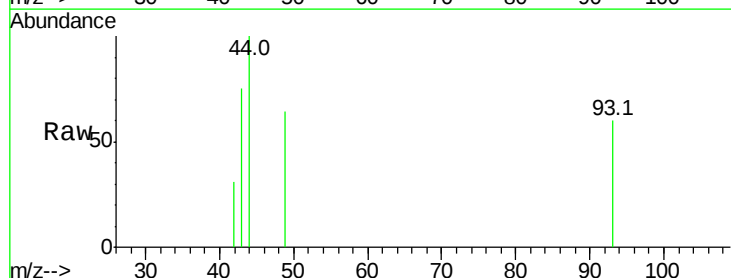
RT: 7.86 min Scan# 710

Delta R.T. 0.01 min

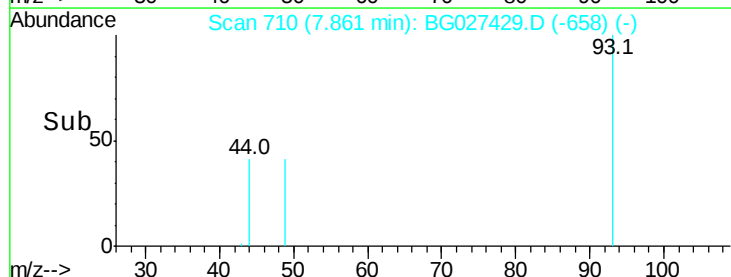
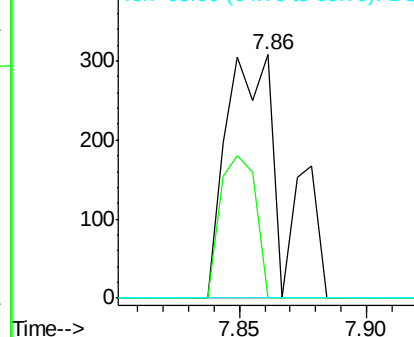
Lab File: BG027429.D

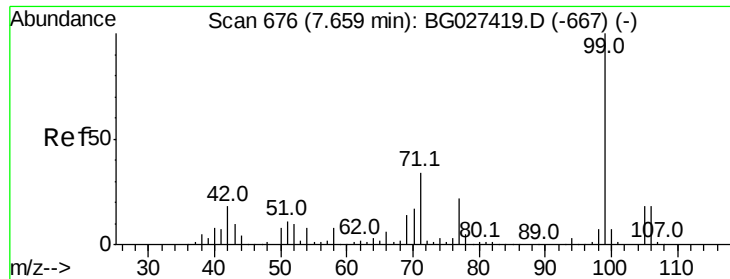
Acq: 14 Jun 2017 22:45

Tgt Ion:	93	Resp:	486
Ion	Ratio	Lower	Upper
93	100		
66	0.0	35.4	53.2#
65	0.0	21.2	31.8#



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: 116.34 ng

RT: 7.66 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

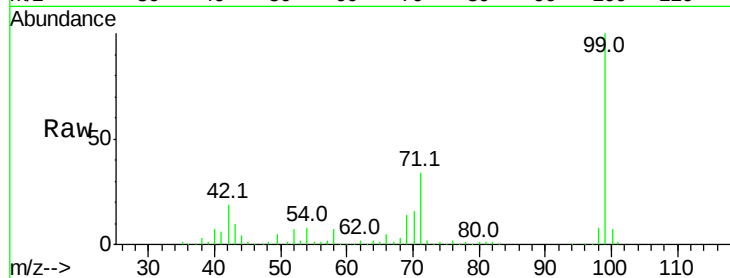
Tot Ion: 99 Resp: 473687

Ion Ratio Lower Upper

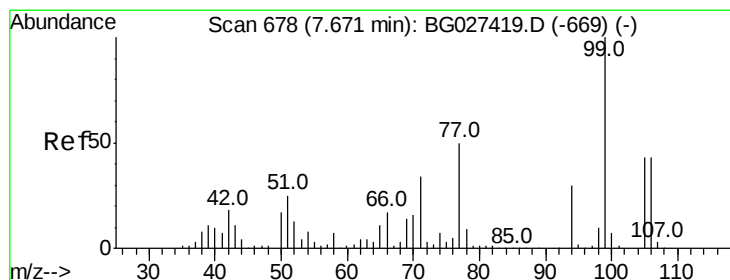
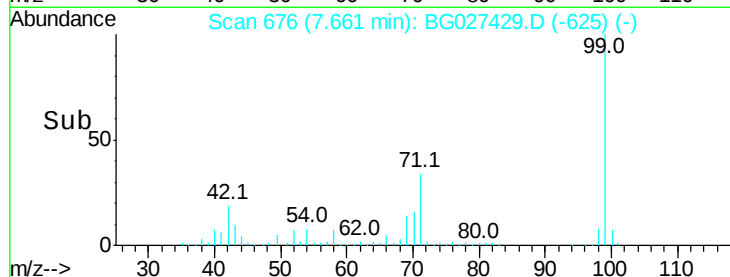
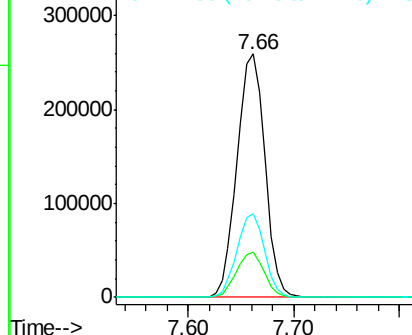
99 100

42 18.6 20.5 30.7#

71 34.5 37.6 56.4#



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: 0.34 ng

RT: 7.66 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

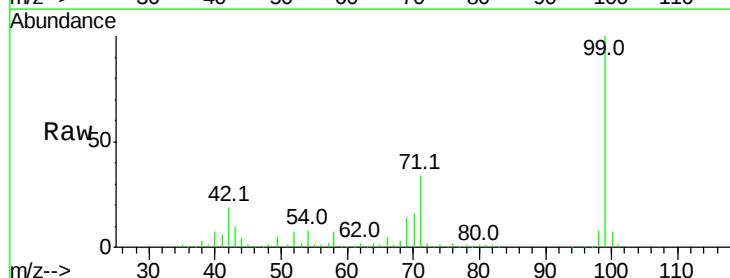
Tgt Ion: 77 Resp: 943

Ion Ratio Lower Upper

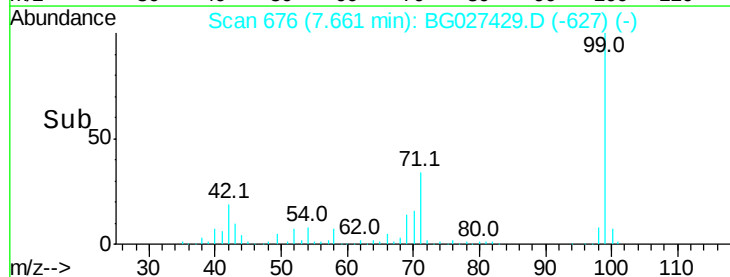
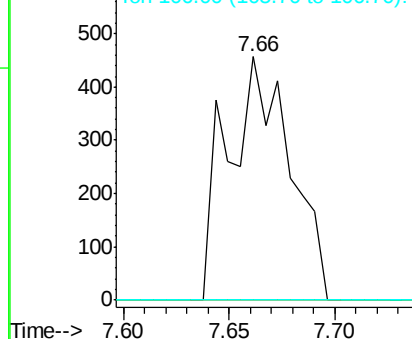
77 100

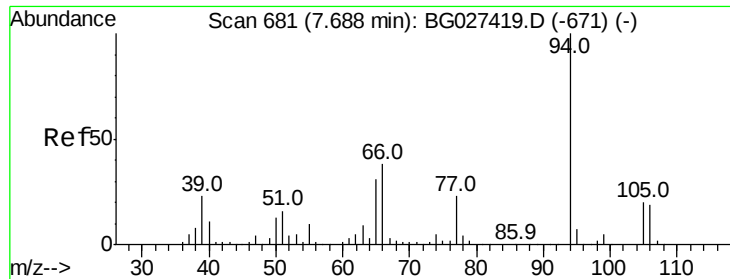
105 0.0 60.9 100.9#

106 0.0 55.1 95.1#



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





#10

Phenol

Concen: 3.83 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

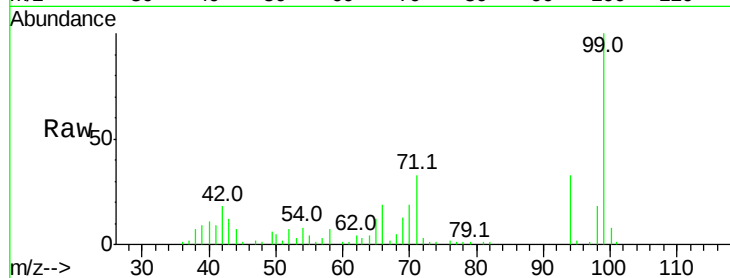
Tot Ion: 94 Resp: 16090

Ion Ratio Lower Upper

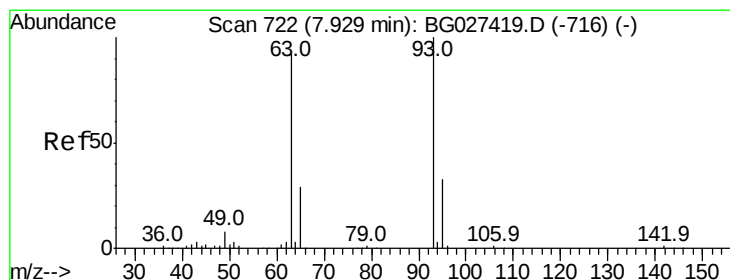
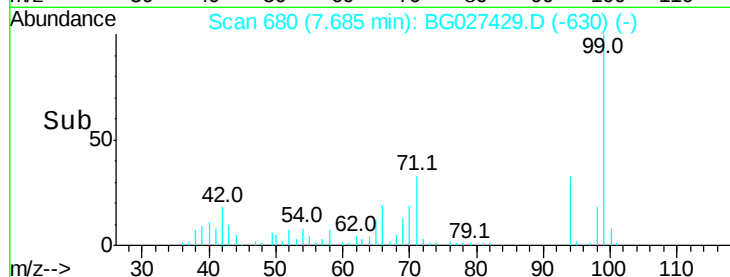
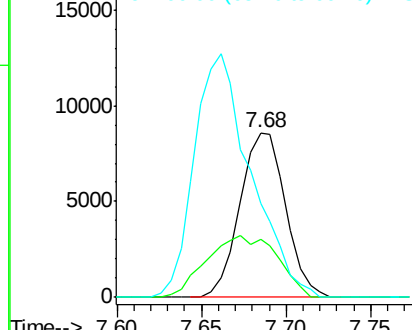
94 100

65 35.1 20.6 60.6

66 56.9 35.5 75.5



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: 0.15 ng

RT: 7.86 min Scan# 710

Delta R.T. -0.07 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

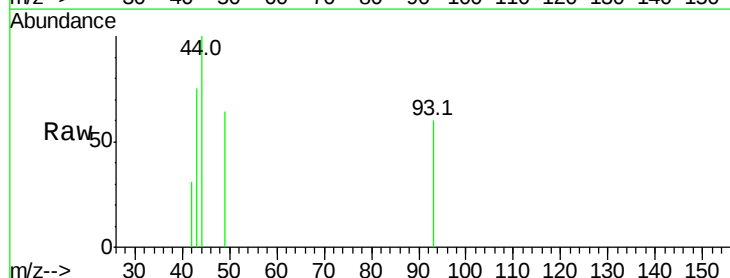
Tgt Ion: 93 Resp: 486

Ion Ratio Lower Upper

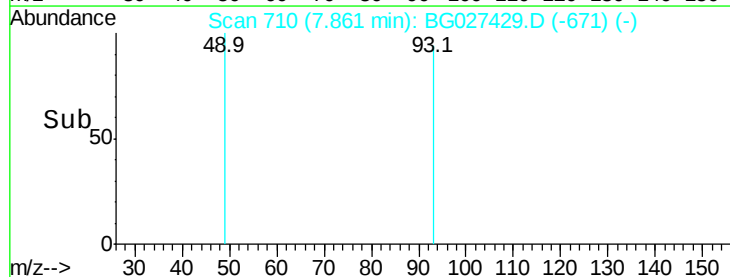
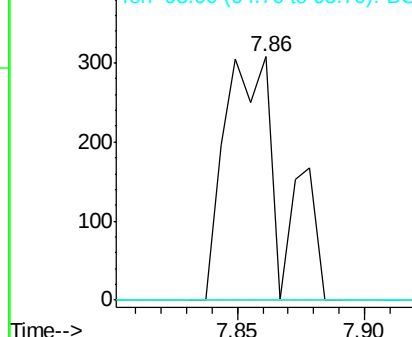
93 100

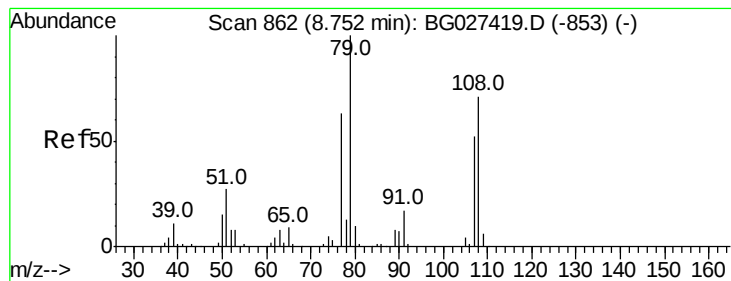
63 0.0 78.5 118.5#

95 0.0 9.8 49.8#



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





#15

Benzyl Alcohol

Concen: 1.49 ng

RT: 8.85 min Scan# 879

Delta R.T. 0.10 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

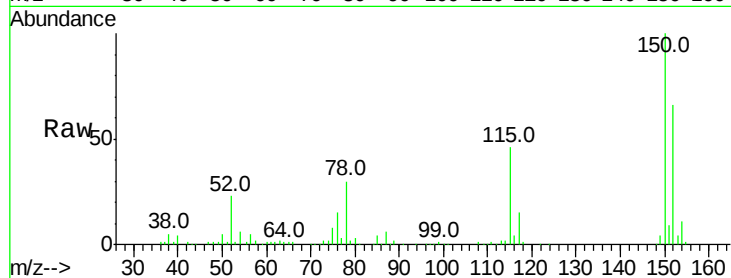
Tot Ion: 79 Resp: 4401

Ion Ratio Lower Upper

79 100

108 25.8 45.5 68.3#

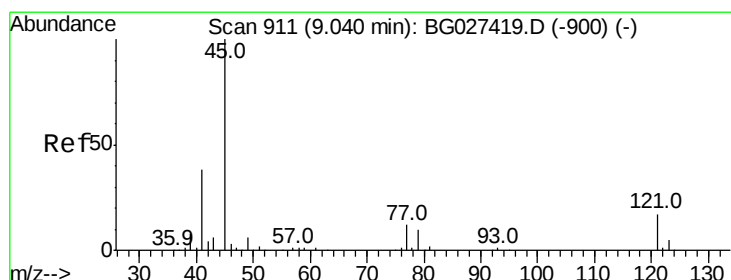
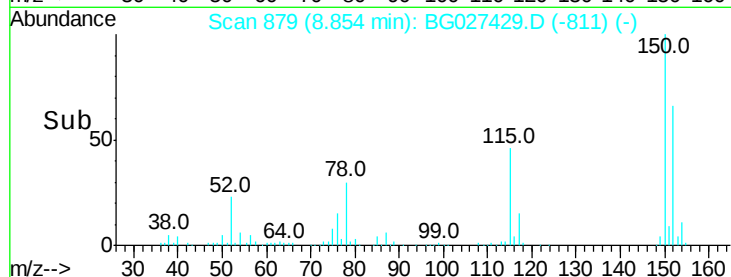
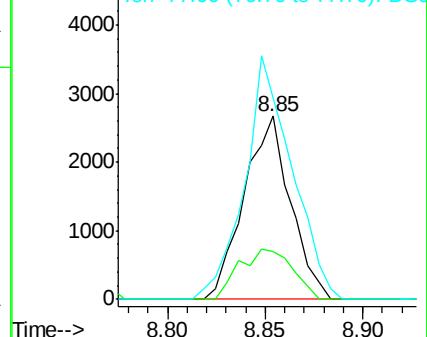
77 110.0 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.04 ng

RT: 9.03 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

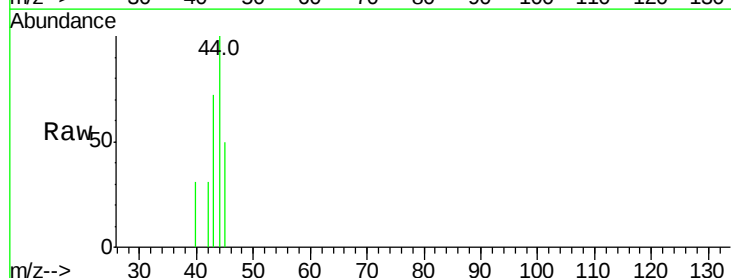
Tgt Ion: 45 Resp: 209

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.6

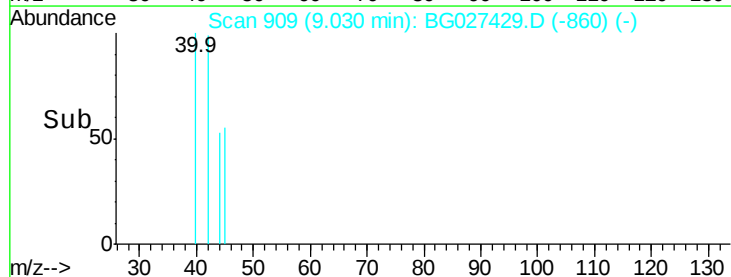
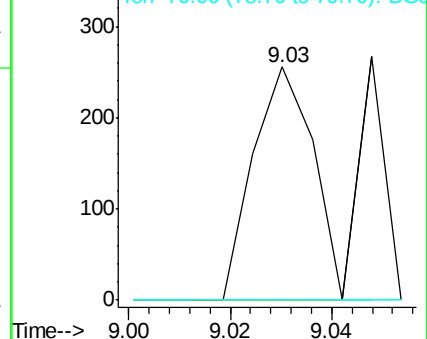
79 0.0 0.0 28.5

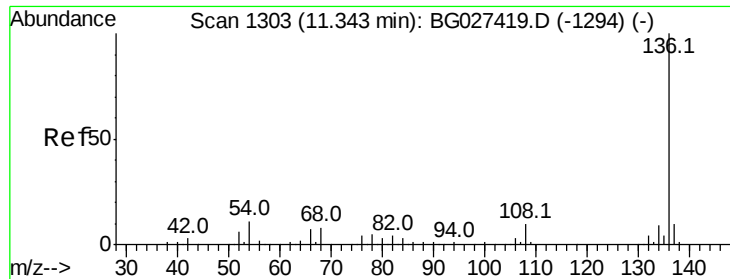


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

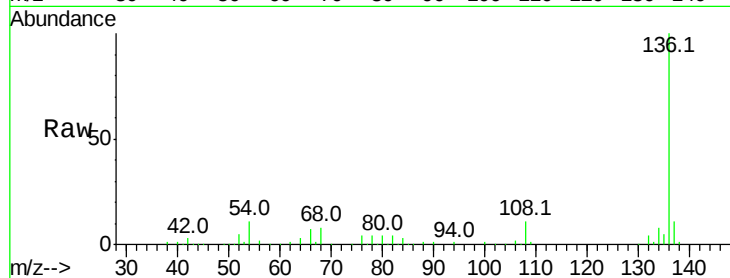




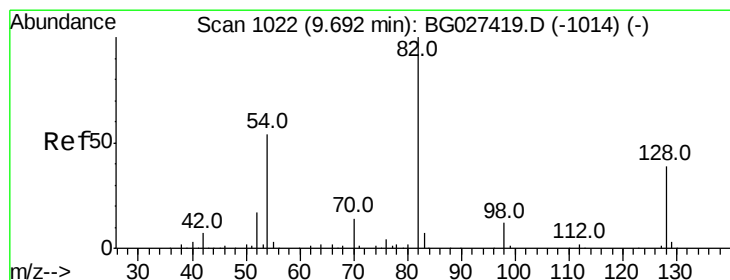
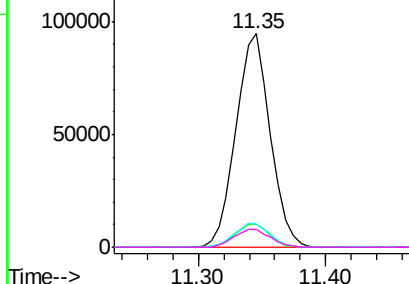
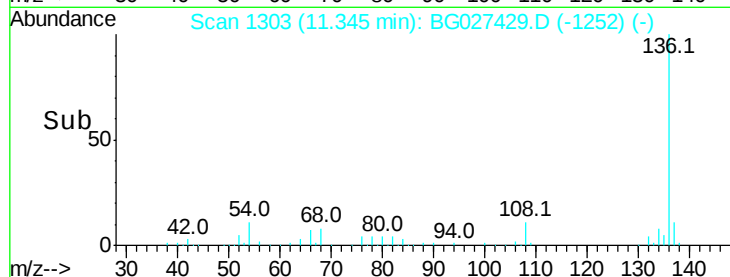
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.35 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG027429.D
Acq: 14 Jun 2017 22:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	176638
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.7	9.3	13.9
68	8.4	5.1	7.7#

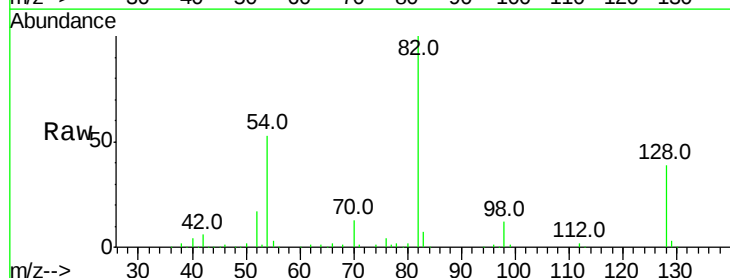


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

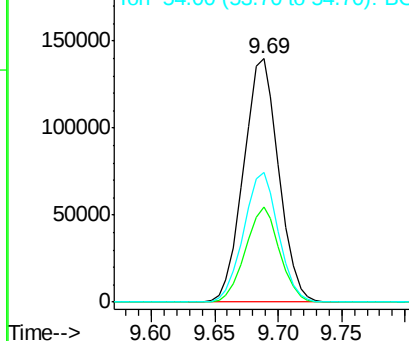
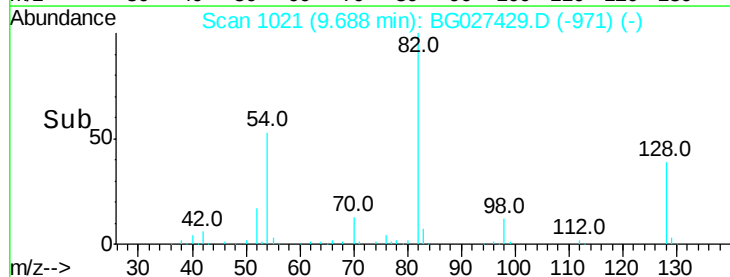


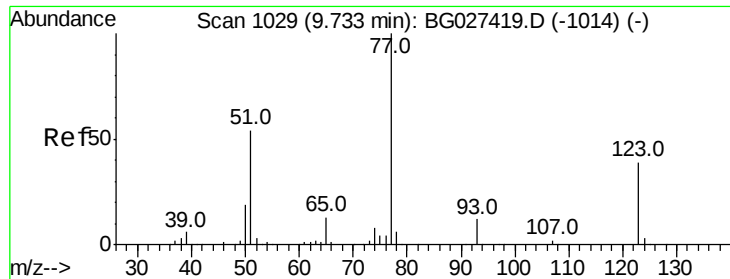
#23
Nitrobenzene-d5
Concen: 77.67 ng
RT: 9.69 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG027429.D
Acq: 14 Jun 2017 22:45

Tgt Ion:	82	Resp:	269104
Ion	Ratio	Lower	Upper
82	100		
128	39.0	26.4	39.6
54	53.4	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

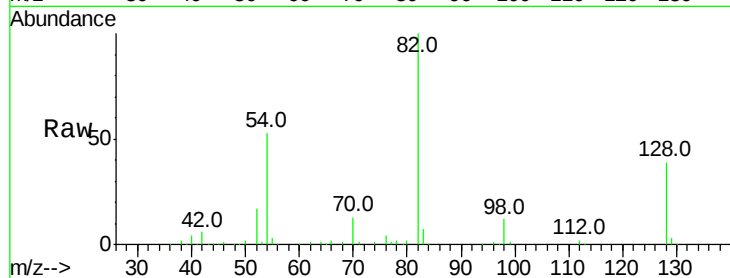




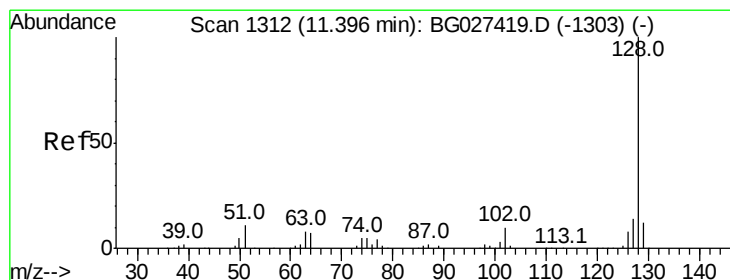
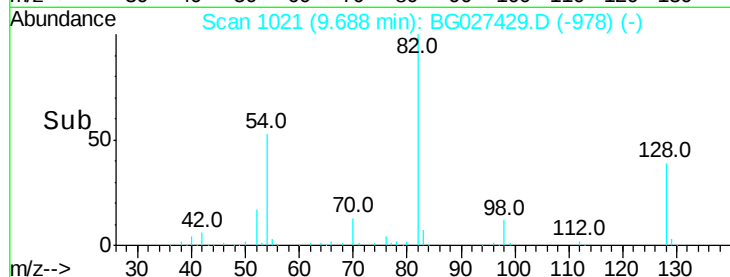
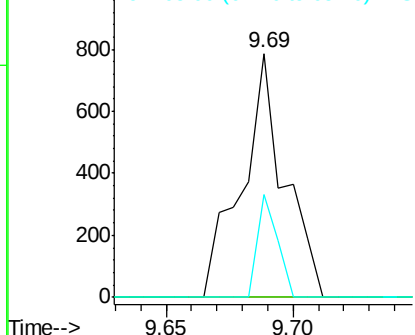
#24
Nitrobenzene
Concen: 0.24 ng
RT: 9.69 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG027429.D
Acq: 14 Jun 2017 22:45

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 927
Ion Ratio Lower Upper
77 100
123 0.0 26.1 39.1#
65 42.0 12.4 18.6#

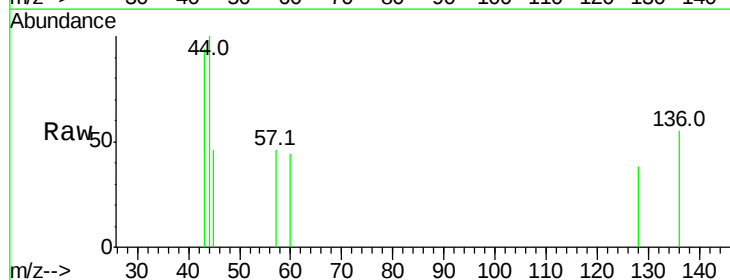


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

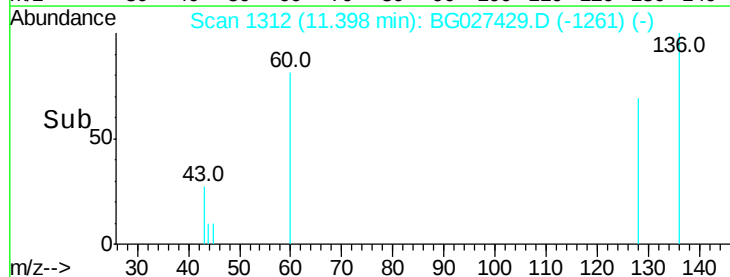
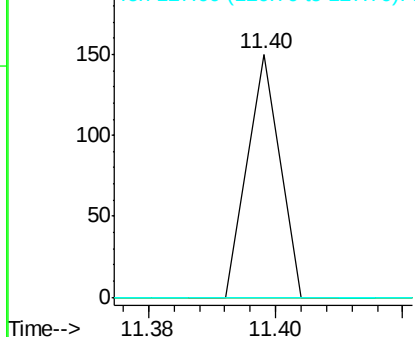


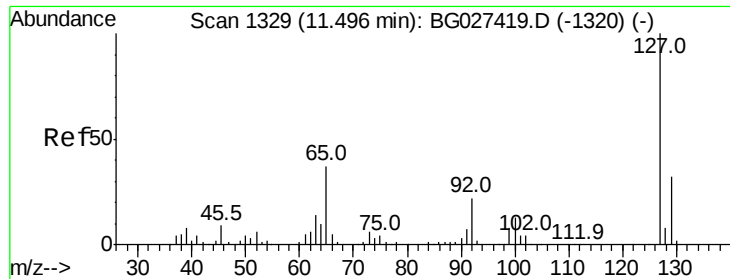
#31
Naphthalene
Concen: 0.01 ng
RT: 11.40 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG027429.D
Acq: 14 Jun 2017 22:45

Tgt Ion: 128 Resp: 53
Ion Ratio Lower Upper
128 100
129 0.0 9.3 13.9#
127 0.0 11.4 17.0#



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

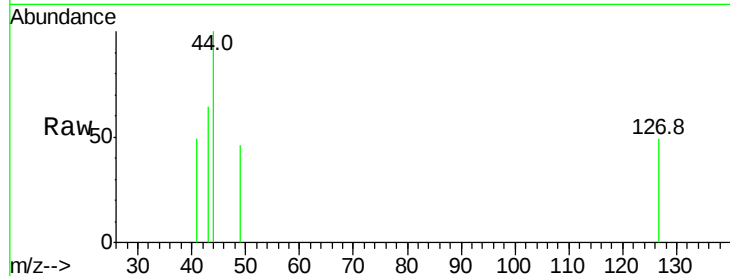




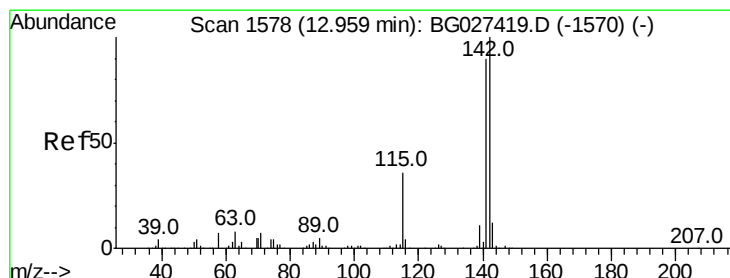
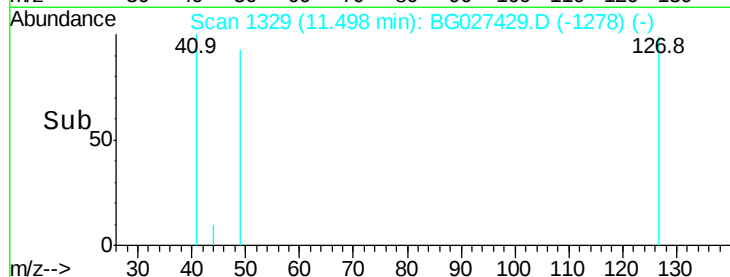
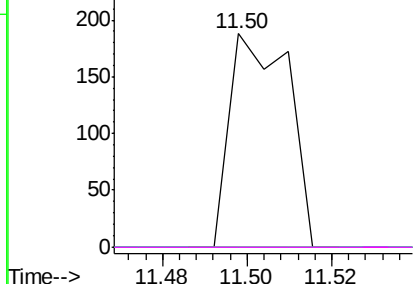
#33
4-Chloroaniline
Concen: 0.04 ng
RT: 11.50 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG027429.D
Acq: 14 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 182
Ion Ratio Lower Upper
127 100
129 0.0 23.6 35.4#
65 0.0 37.7 56.5#
92 0.0 17.6 26.4#

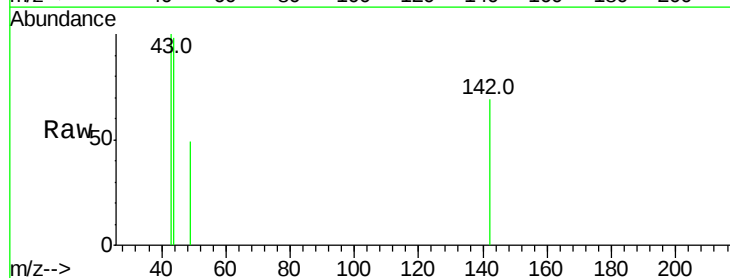


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

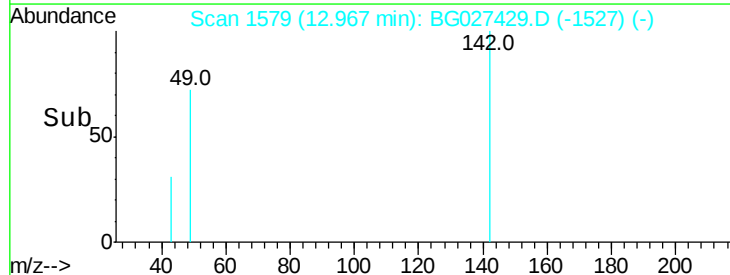
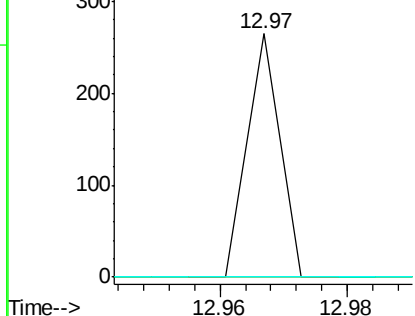


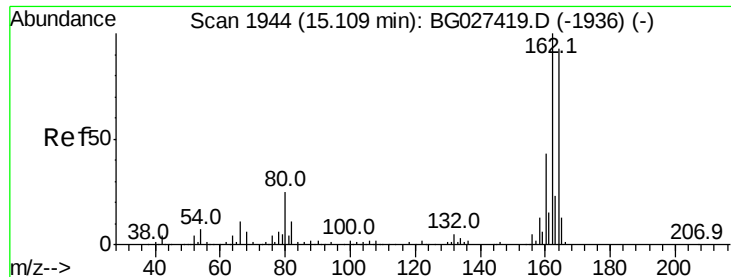
#37
2-Methylnaphthalene
Concen: 0.01 ng
RT: 12.97 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BG027429.D
Acq: 14 Jun 2017 22:45

Tgt Ion:142 Resp: 93
Ion Ratio Lower Upper
142 100
141 0.0 70.4 105.6#
115 0.0 35.5 53.3#



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

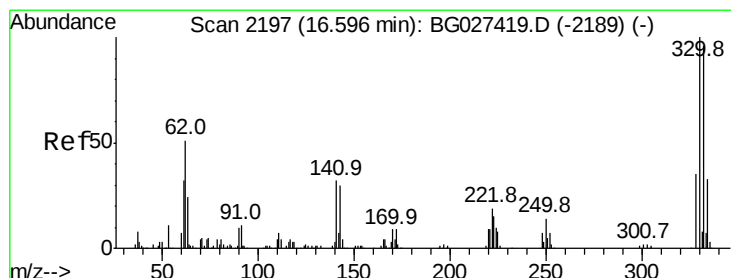
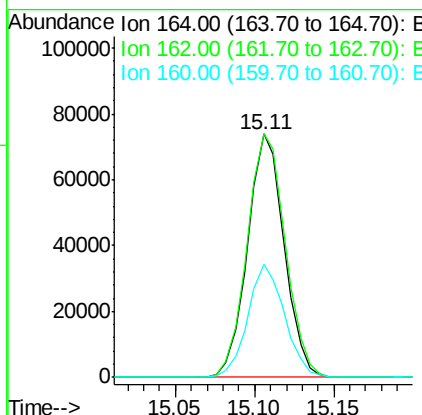
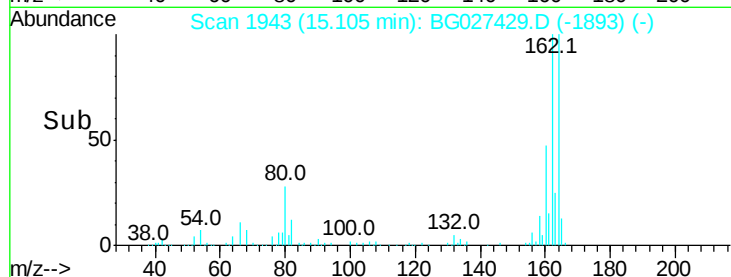
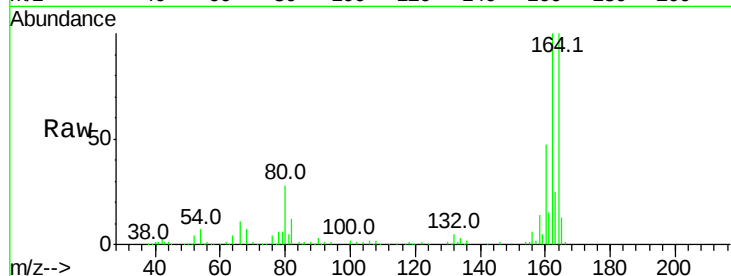




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: BG027429.D
 Acq: 14 Jun 2017 22:45

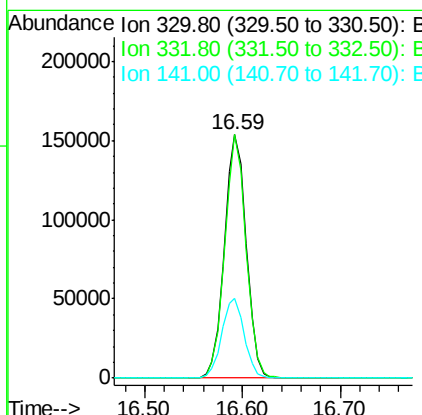
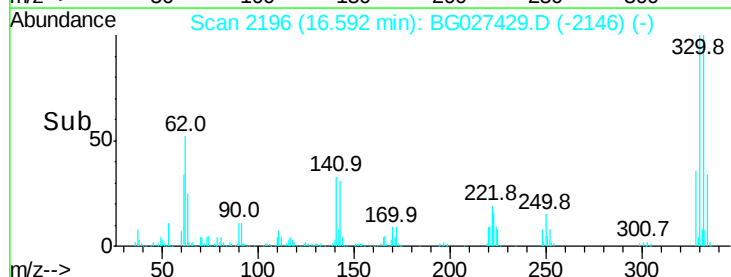
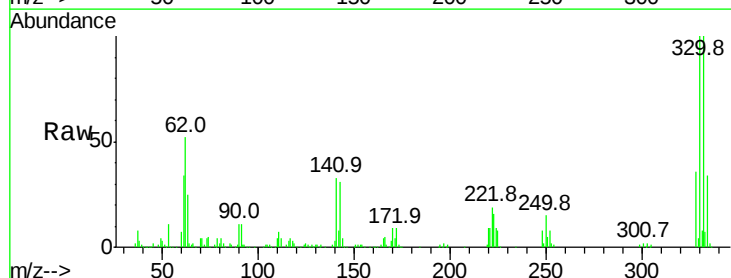
Instrument :
 BNA_G
 ClientSampleId :

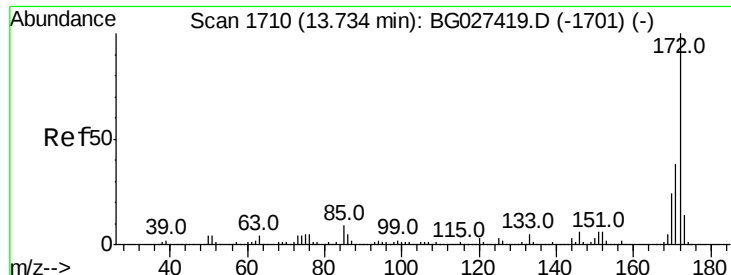
Tot Ion:164 Resp: 118099
 Ion Ratio Lower Upper
 164 100
 162 100.0 85.1 127.7
 160 46.5 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 134.54 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BG027429.D
 Acq: 14 Jun 2017 22:45

Tgt Ion:330 Resp: 238463
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 33.5 32.1 48.1

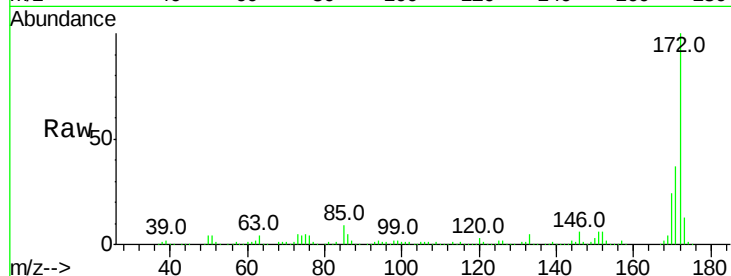




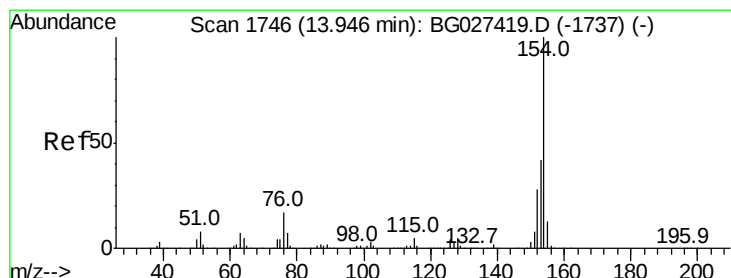
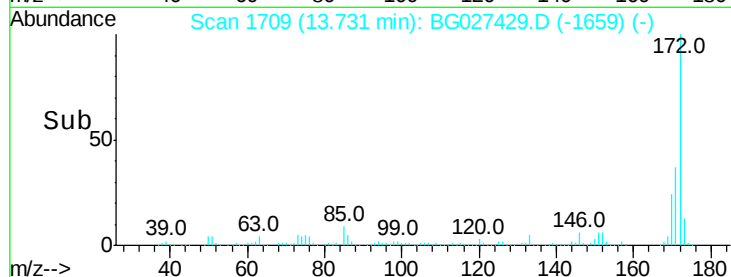
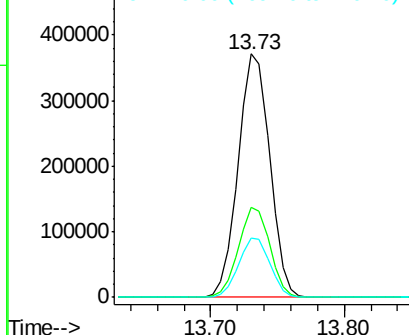
#44
2-Fluorobiphenyl
Concen: 74.38 ng
RT: 13.73 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG027429.D
Acq: 14 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 608034
Ion Ratio Lower Upper
172 100
171 37.1 32.2 48.2
170 24.4 21.8 32.6

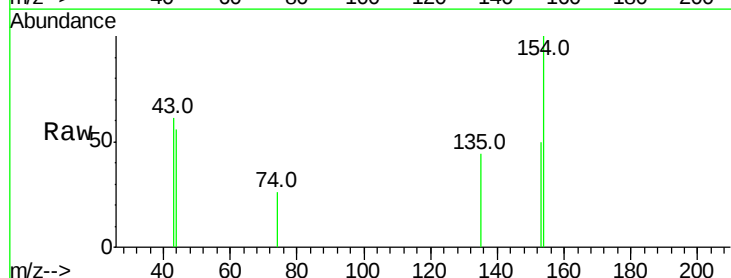


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

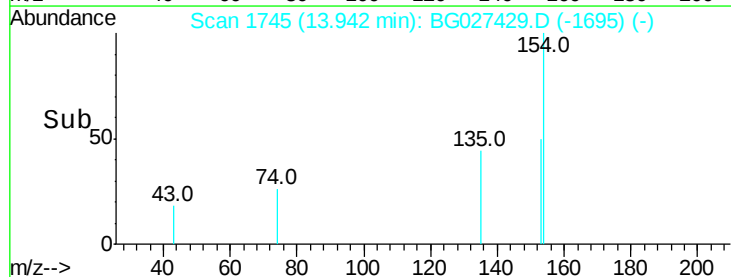
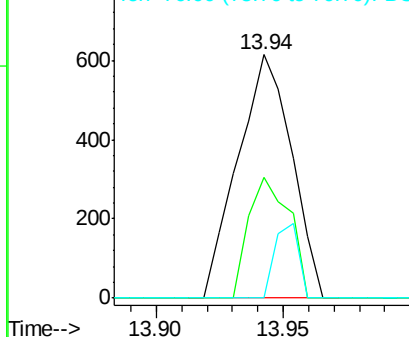


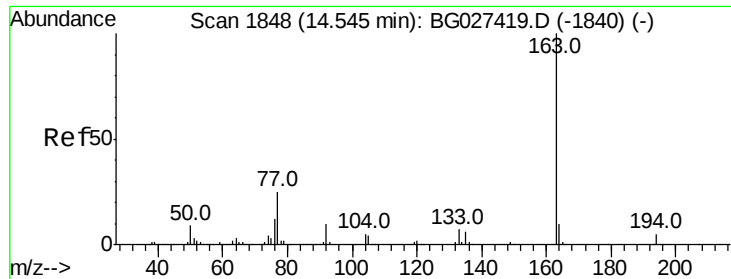
#45
1,1'-Biphenyl
Concen: 0.10 ng
RT: 13.94 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG027429.D
Acq: 14 Jun 2017 22:45

Tgt Ion:154 Resp: 909
Ion Ratio Lower Upper
154 100
153 49.5 23.0 63.0
76 0.0 0.0 33.5



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





#49

Dimethylphthalate

Concen: 7.95 ng

RT: 14.54 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

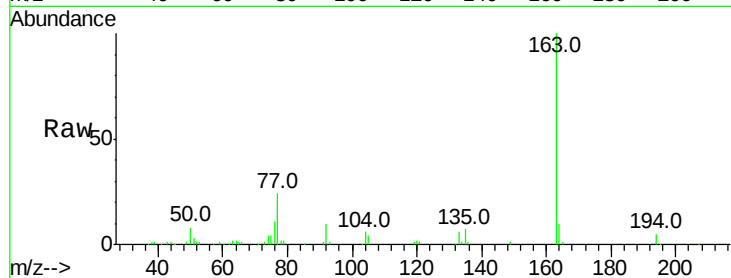
Tot Ion:163 Resp: 77995

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

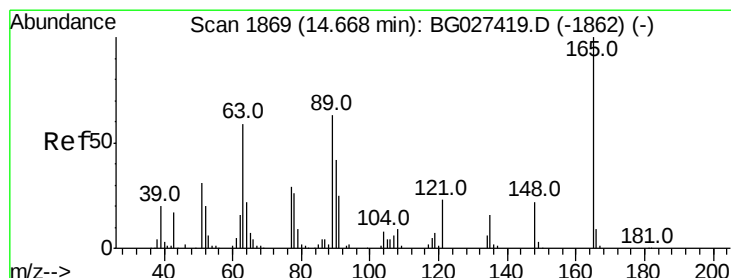
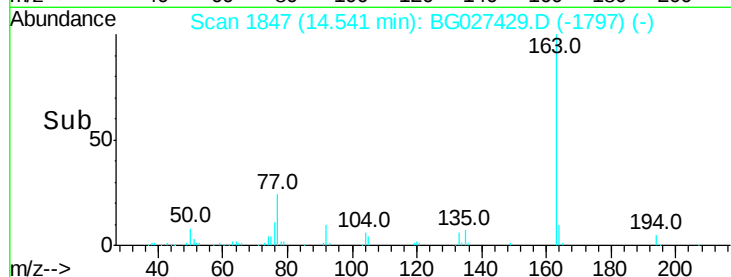
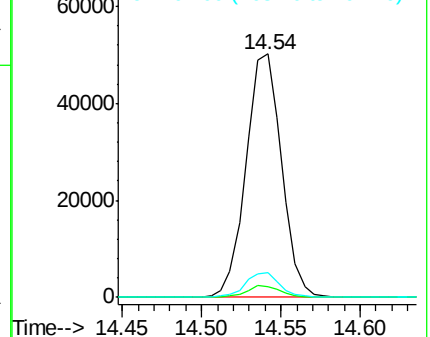
164 10.4 9.3 13.9



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



#50

2,6-Dinitrotoluene

Concen: 0.37 ng

RT: 14.54 min Scan# 1846

Delta R.T. -0.13 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

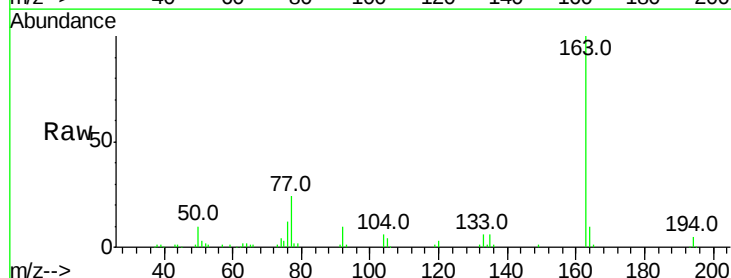
Tgt Ion:165 Resp: 755

Ion Ratio Lower Upper

165 100

63 163.7 63.9 95.9#

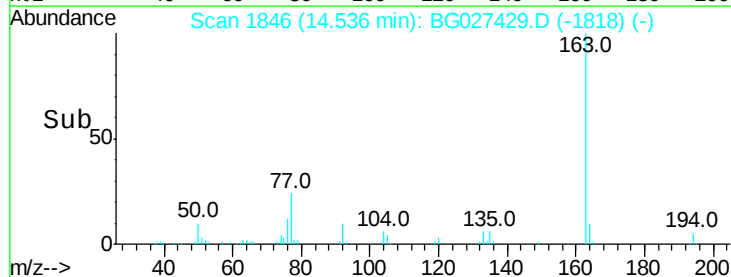
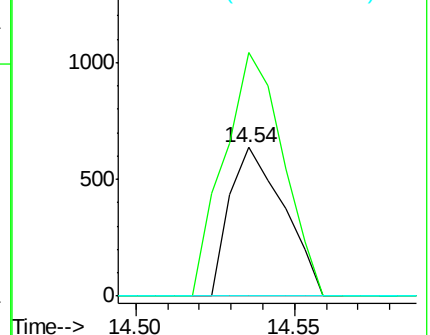
89 0.0 58.6 88.0#

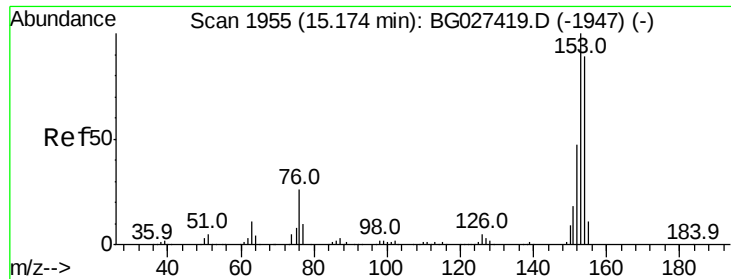


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.01 ng

RT: 15.16 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

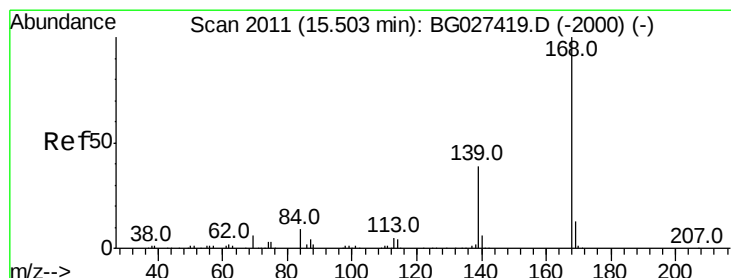
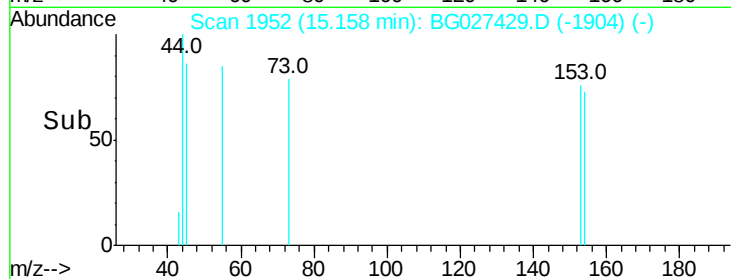
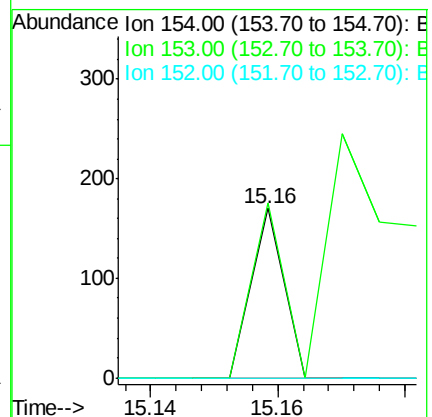
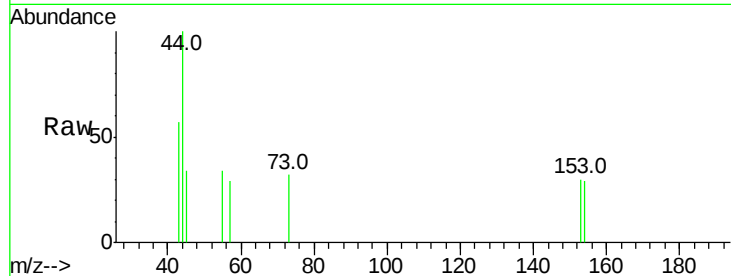
Tot Ion:154 Resp: 60

Ion Ratio Lower Upper

154 100

153 103.5 87.8 131.6

152 0.0 42.2 63.4#



#54

Dibenzofuran

Concen: 0.01 ng

RT: 15.51 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

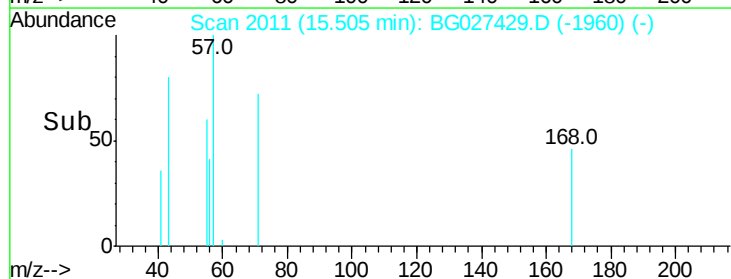
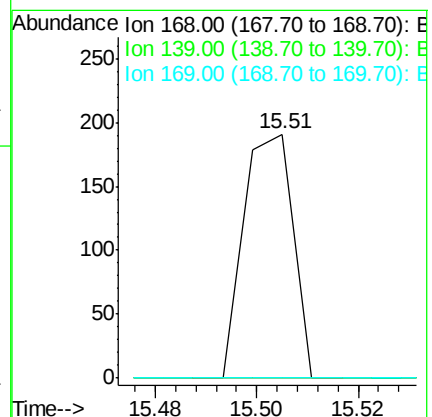
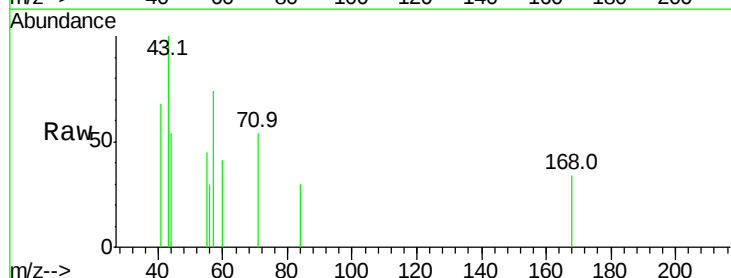
Tgt Ion:168 Resp: 130

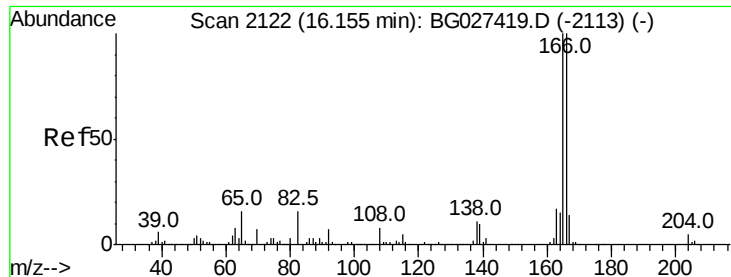
Ion Ratio Lower Upper

168 100

139 0.0 35.3 52.9#

169 0.0 11.5 17.3#

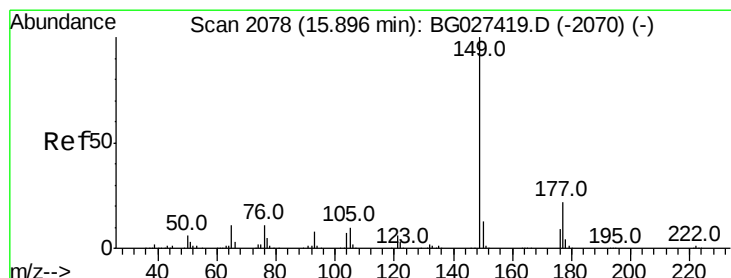
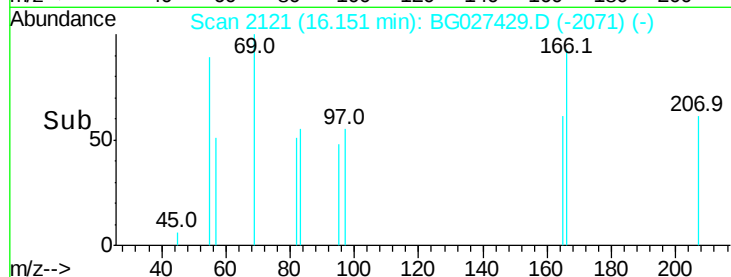
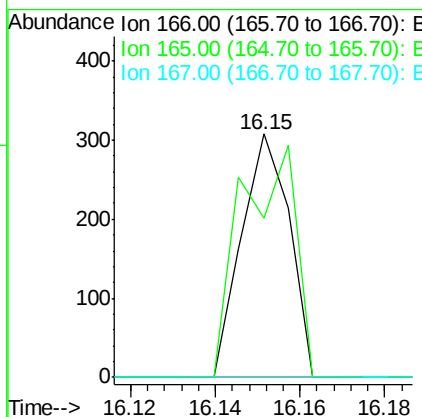
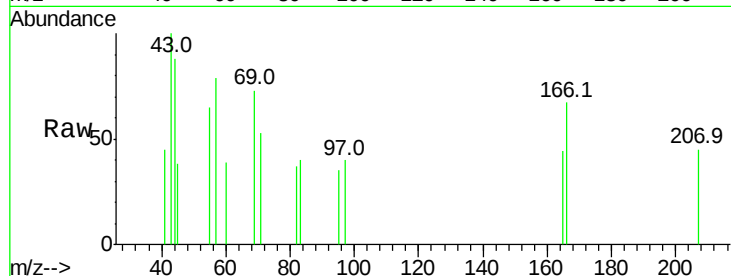




#57
 Fluorene
 Concen: 0.02 ng
 RT: 16.15 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BG027429.D
 Acq: 14 Jun 2017 22:45

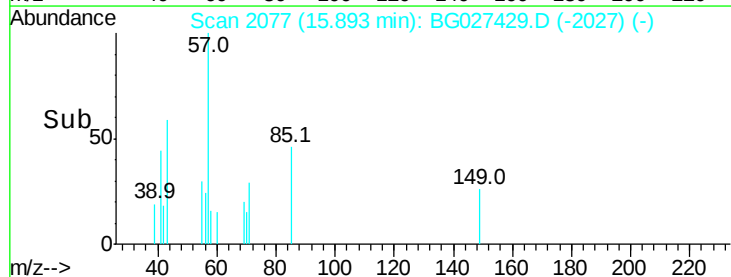
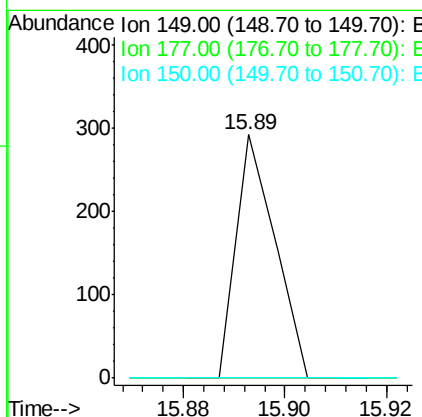
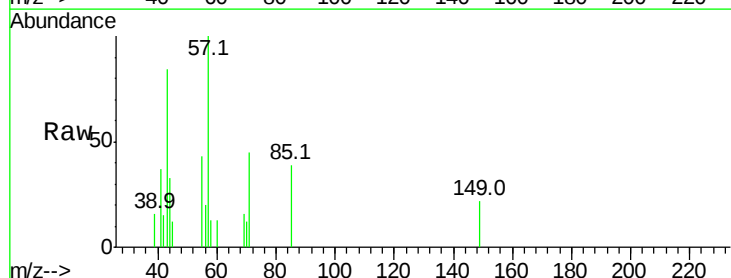
Instrument :
 BNA_G
 ClientSampleId :

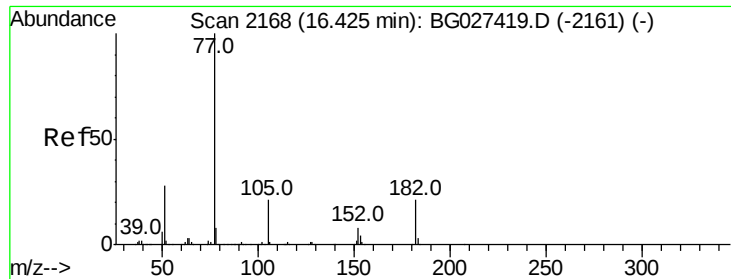
Tot Ion:166 Resp: 241
 Ion Ratio Lower Upper
 166 100
 165 65.6 78.6 117.8#
 167 0.0 11.6 17.4#



#59
 Diethylphthalate
 Concen: 0.02 ng
 RT: 15.89 min Scan# 2077
 Delta R.T. -0.00 min
 Lab File: BG027429.D
 Acq: 14 Jun 2017 22:45

Tgt Ion:149 Resp: 157
 Ion Ratio Lower Upper
 149 100
 177 0.0 20.1 30.1#
 150 0.0 10.2 15.2#





#62

Azobenzene

Concen: 0.14 ng

RT: 16.59 min Scan# 2196

Delta R.T. 0.17 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 1472

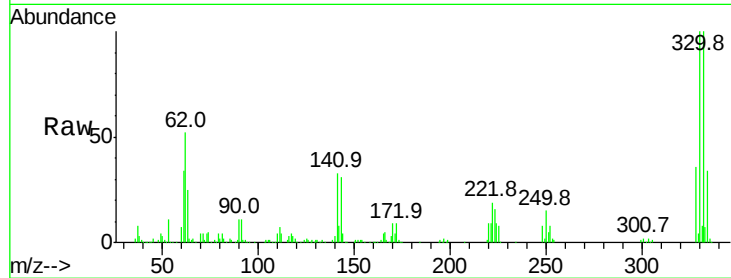
Ion Ratio Lower Upper

77 100

182 0.0 4.7 44.7#

105 86.8 0.0 36.3#

51 83.3 16.4 56.4#

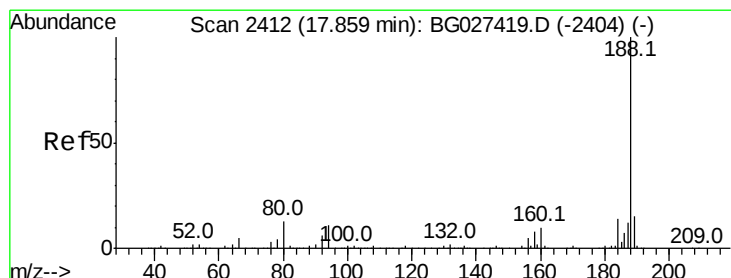
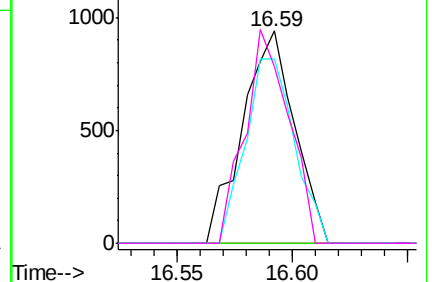
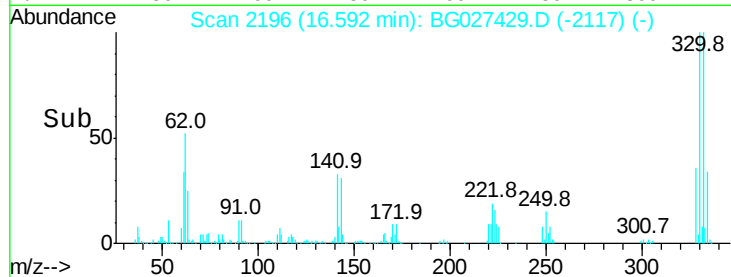


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.86 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

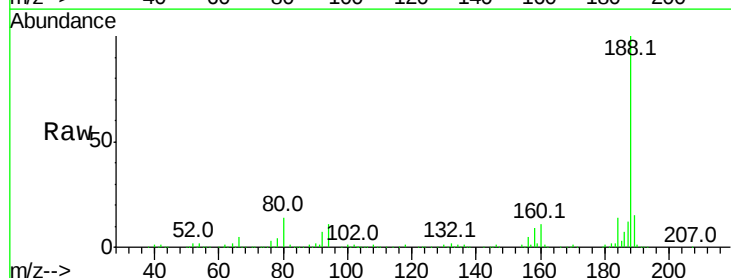
Tgt Ion: 188 Resp: 331921

Ion Ratio Lower Upper

188 100

94 11.5 5.8 8.8#

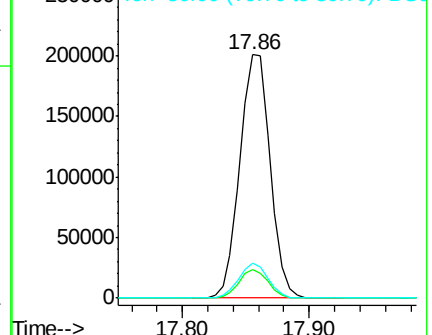
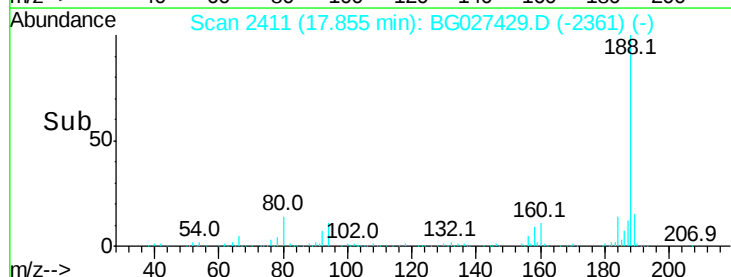
80 14.3 7.5 11.3#

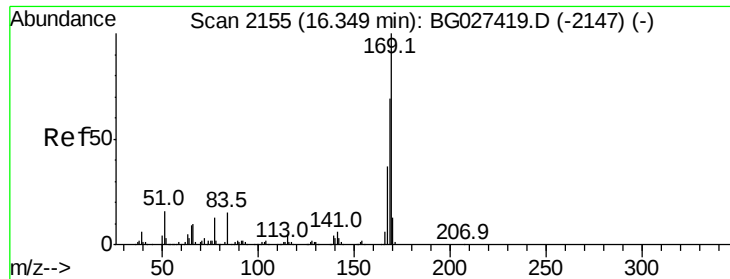


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

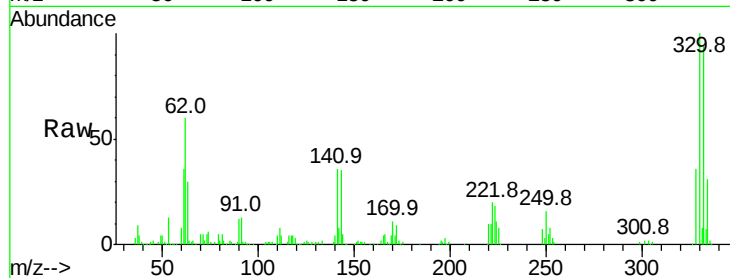




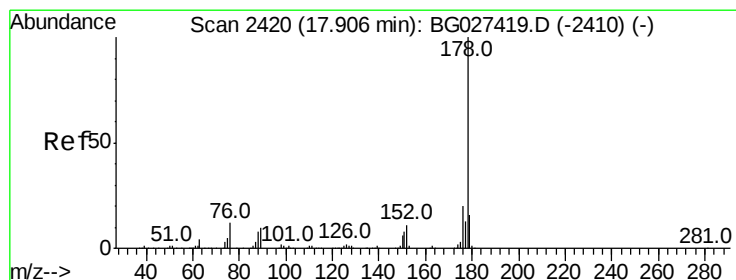
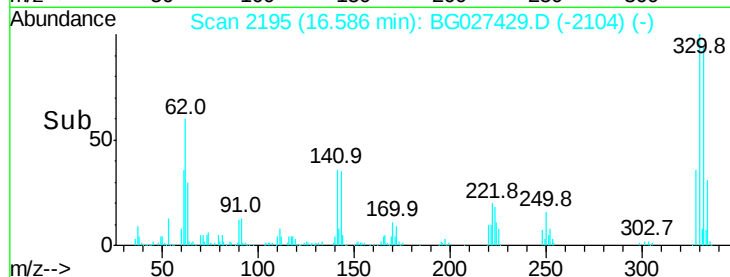
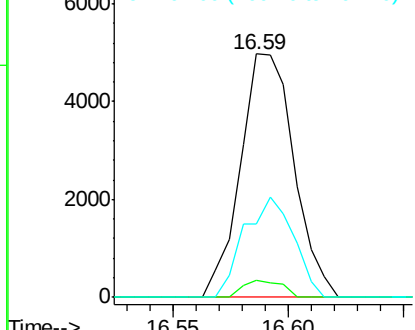
#65
n-Nitrosodiphenylamine
Concen: 0.78 ng
RT: 16.59 min Scan# 2195
Delta R.T. 0.24 min
Lab File: BG027429.D
Acq: 14 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:169 Resp: 8042
Ion Ratio Lower Upper
169 100
168 6.9 55.7 83.5#
167 30.1 29.8 44.6

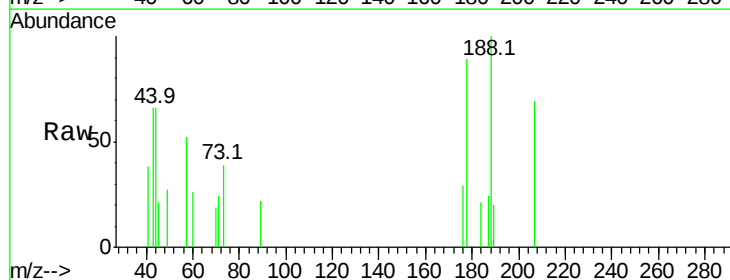


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

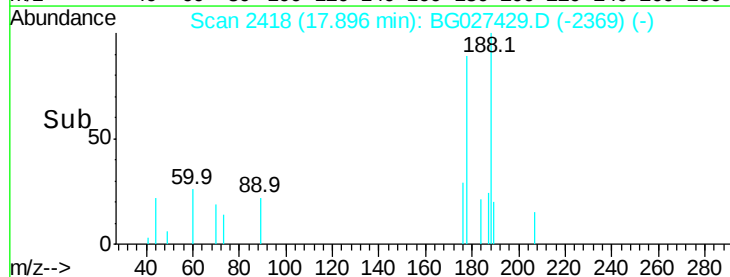
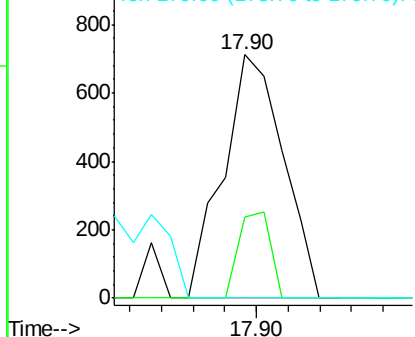


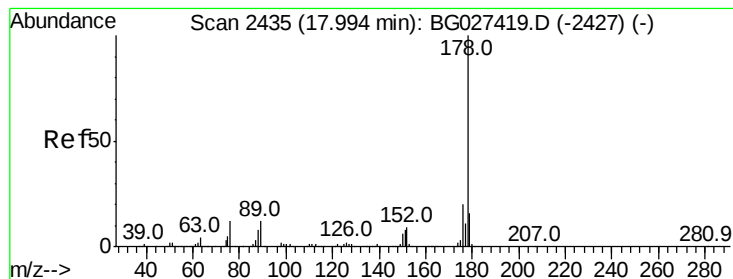
#70
Phenanthrene
Concen: 0.05 ng
RT: 17.90 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG027429.D
Acq: 14 Jun 2017 22:45

Tgt Ion:178 Resp: 936
Ion Ratio Lower Upper
178 100
176 33.1 17.7 26.5#
179 0.0 15.0 22.6#



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





#71

Anthracene

Concen: 0.05 ng

RT: 17.90 min Scan# 2418

Delta R.T. -0.10 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

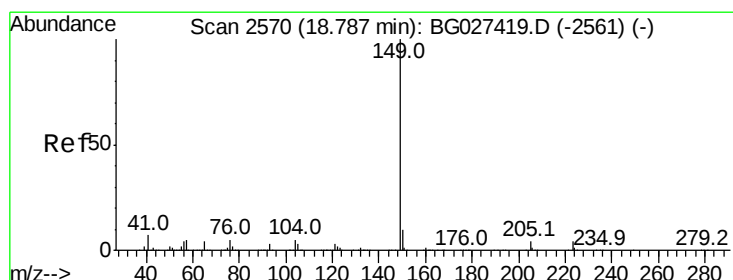
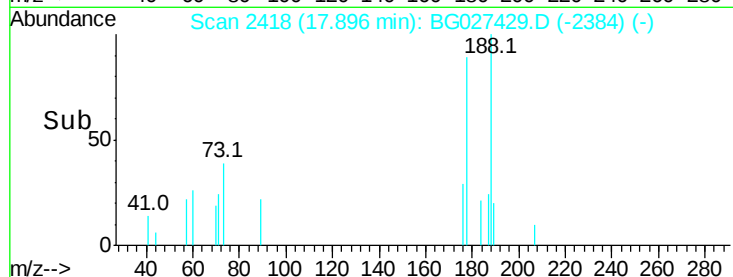
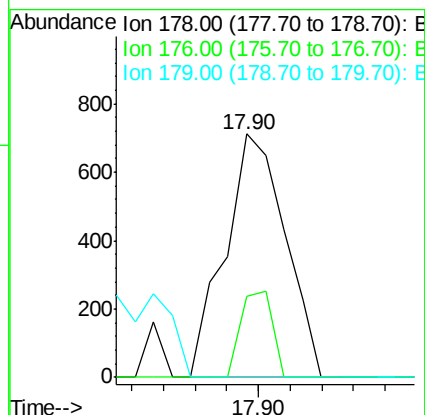
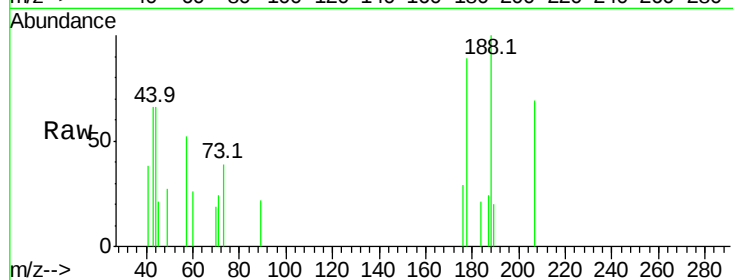
Tot Ion:178 Resp: 936

Ion Ratio Lower Upper

178 100

176 33.1 16.4 24.6#

179 0.0 13.8 20.8#



#73

Di-n-butylphthalate

Concen: 0.16 ng

RT: 18.78 min Scan# 2569

Delta R.T. -0.00 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

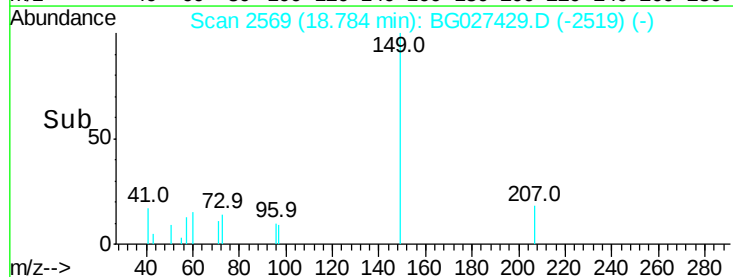
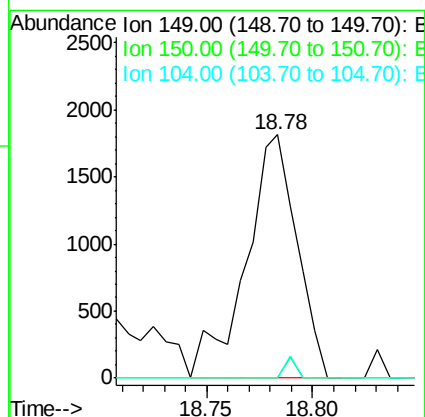
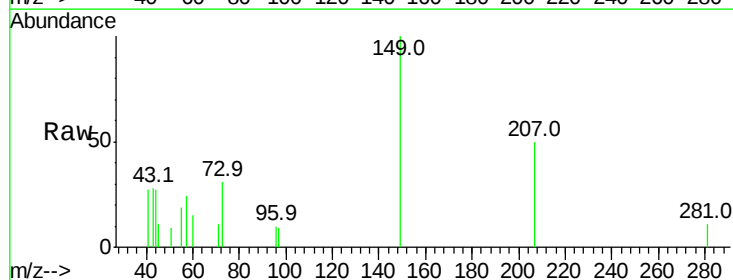
Tgt Ion:149 Resp: 3034

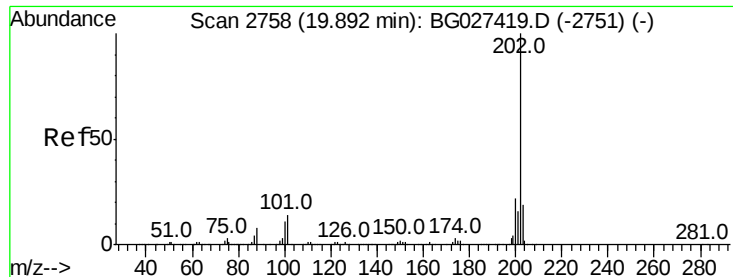
Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

104 0.0 6.7 10.1#





#74

Fluoranthene

Concen: 0.02 ng

RT: 19.89 min Scan# 2757

Delta R.T. -0.00 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

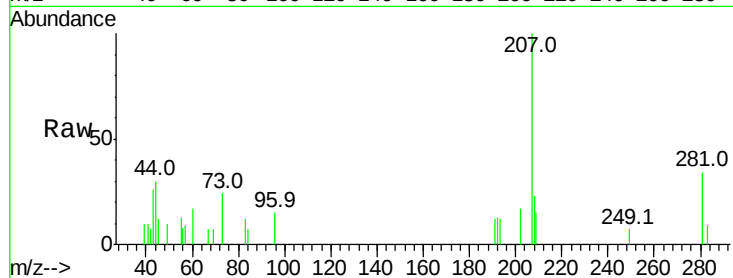
Tot Ion:202 Resp: 469

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.1

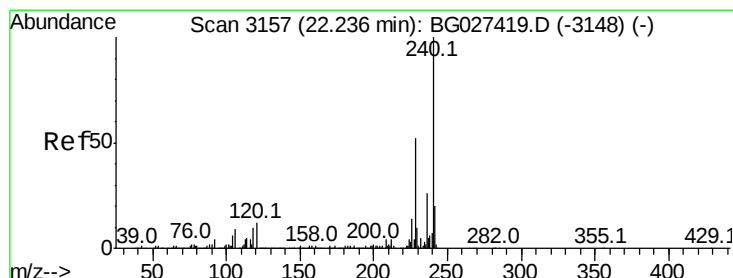
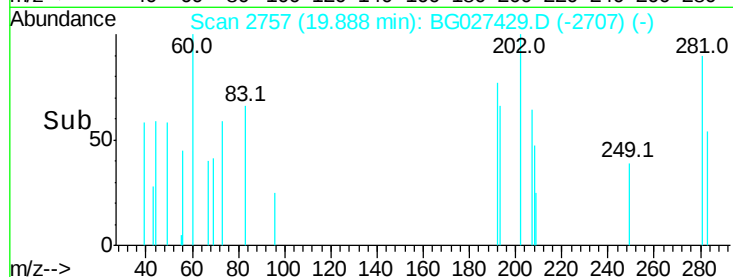
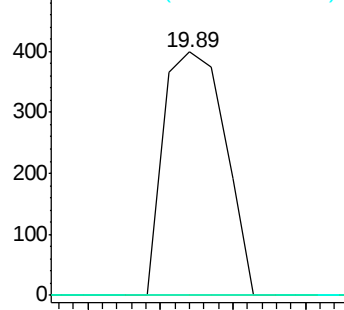
203 0.0 1.3 41.3#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

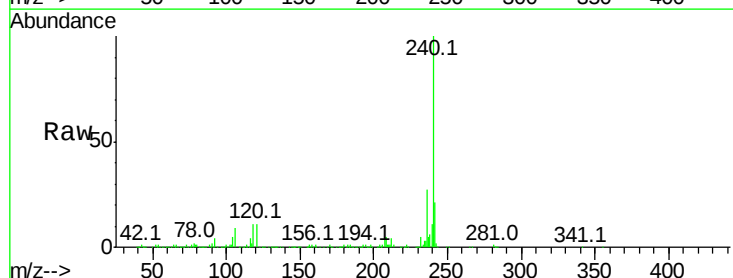
Tgt Ion:240 Resp: 393342

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

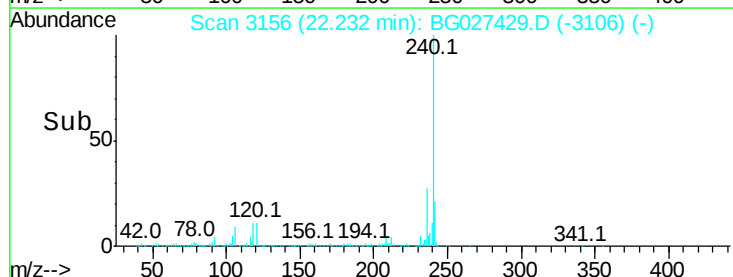
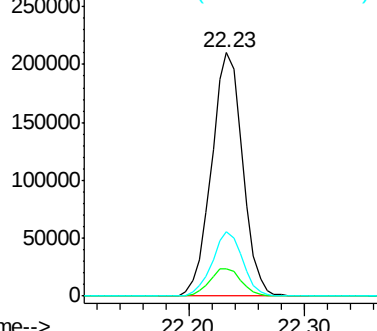
236 26.6 22.2 33.4

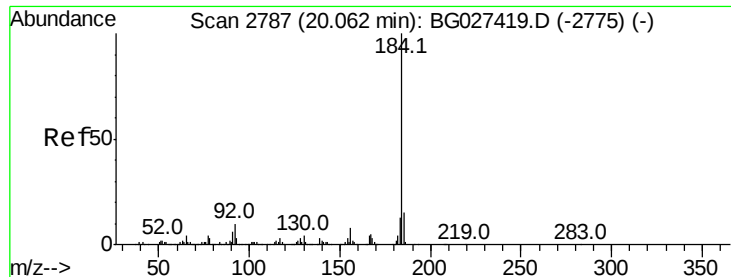


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.01 ng

RT: 20.04 min Scan# 2782

Delta R.T. -0.03 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampled :

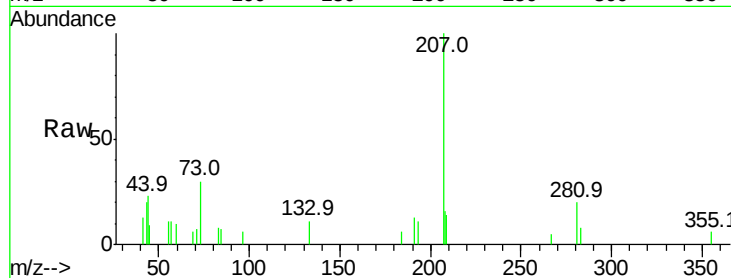
Tot Ion:184 Resp: 58

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

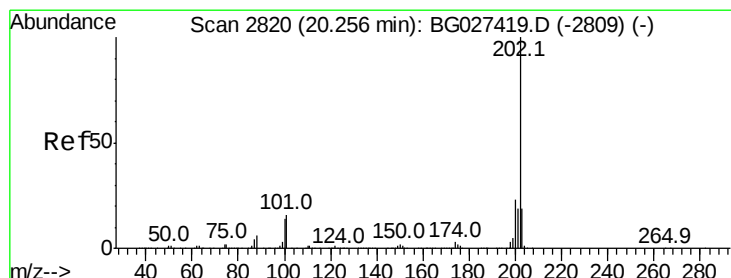
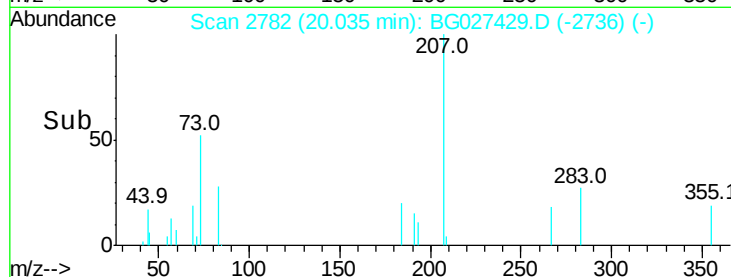
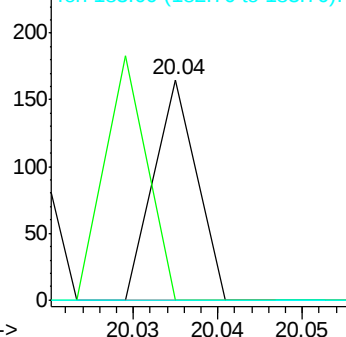
183 0.0 11.0 16.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.02 ng

RT: 20.25 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

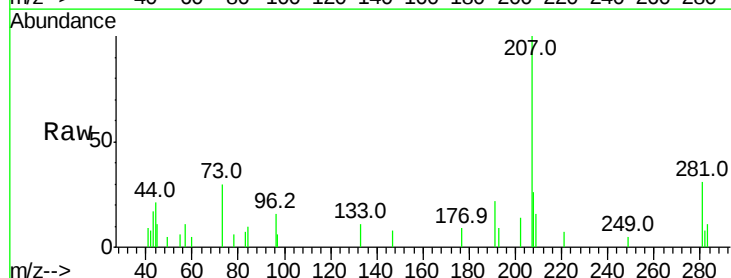
Tgt Ion:202 Resp: 415

Ion Ratio Lower Upper

202 100

200 0.0 19.6 29.4#

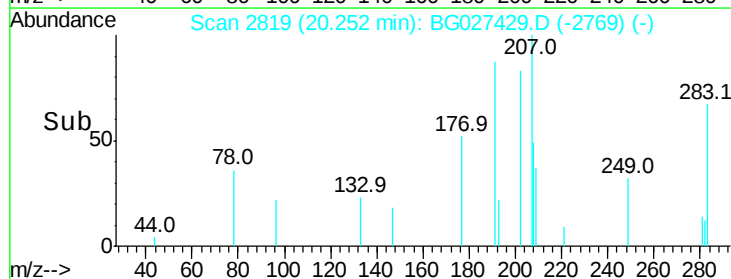
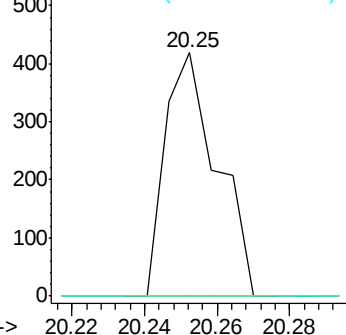
203 0.0 15.8 23.8#

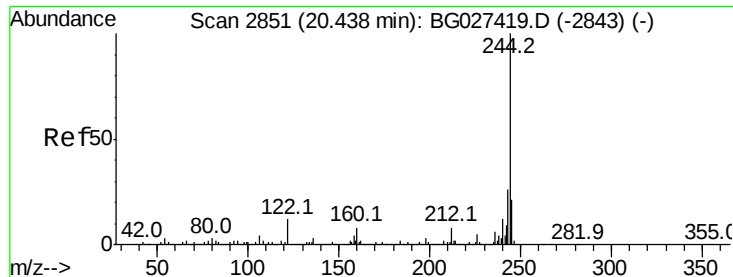


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.04 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

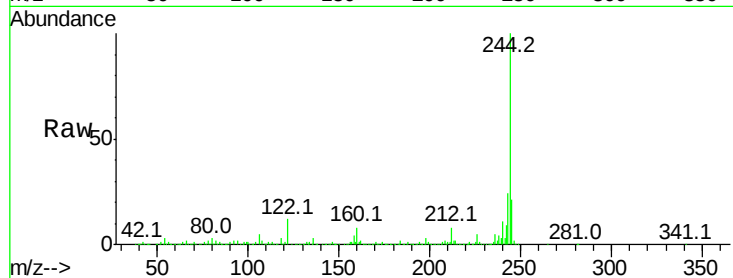
Tot Ion:244 Resp: 1228356

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

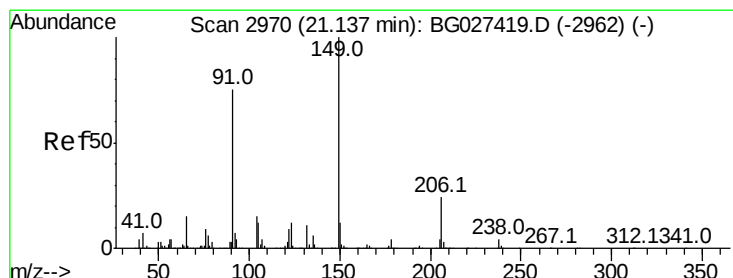
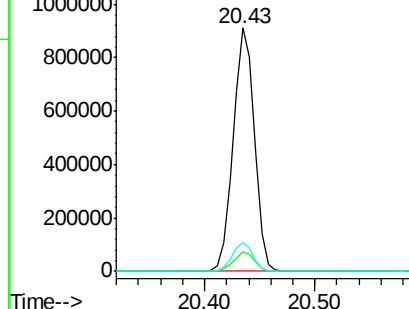
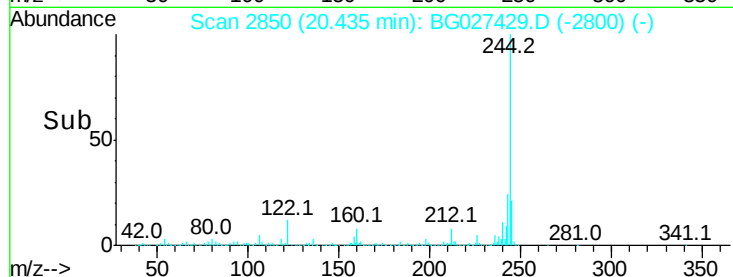
122 11.9 8.6 12.8



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



#79

Butylbenzylphthalate

Concen: 0.02 ng

RT: 21.14 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

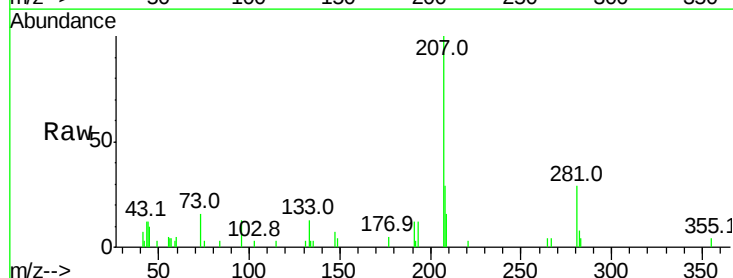
Tgt Ion:149 Resp: 196

Ion Ratio Lower Upper

149 100

91 0.0 63.5 95.3#

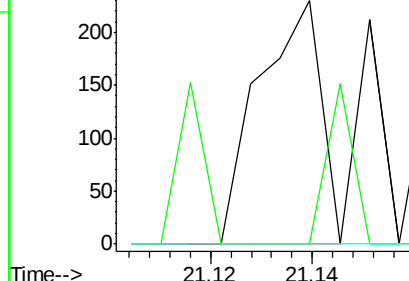
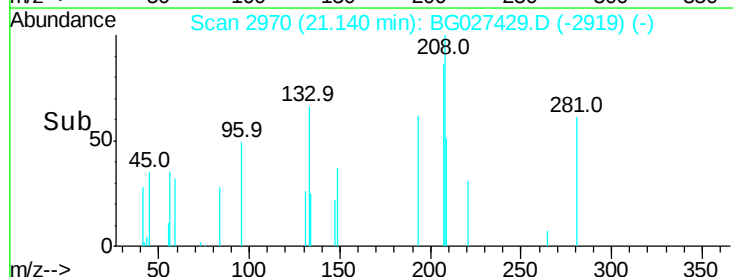
206 0.0 21.0 31.6#

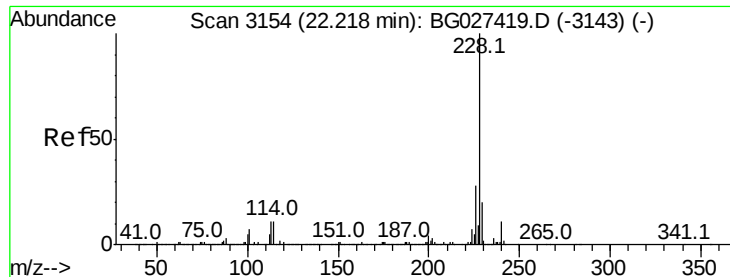


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.06 ng

RT: 22.23 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

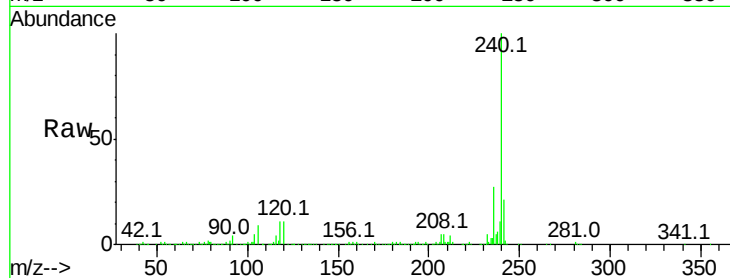
Tot Ion:228 Resp: 1297

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

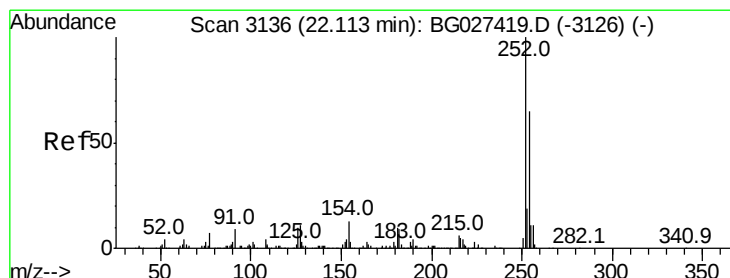
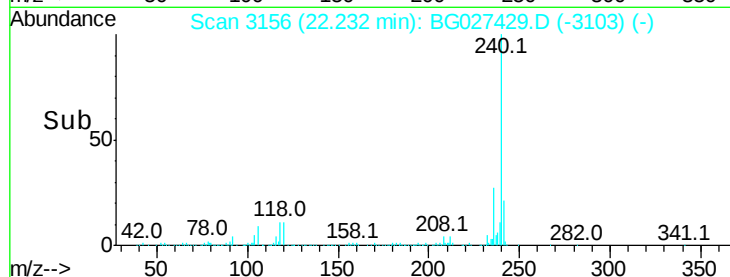
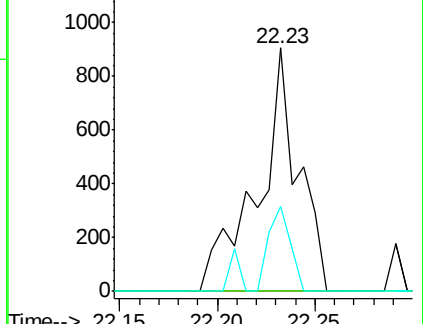
229 35.1 18.2 27.2#



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



#81

3,3'-Dichlorobenzidine

Concen: 0.03 ng

RT: 22.11 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

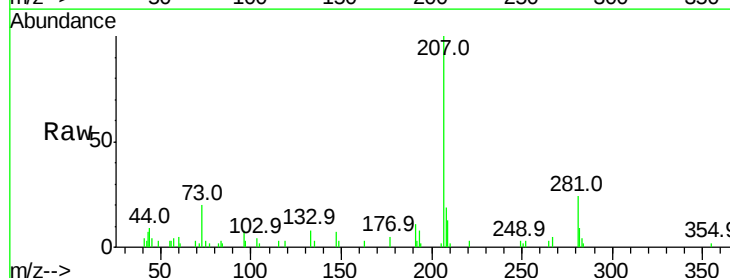
Tgt Ion:252 Resp: 294

Ion Ratio Lower Upper

252 100

254 0.0 53.1 79.7#

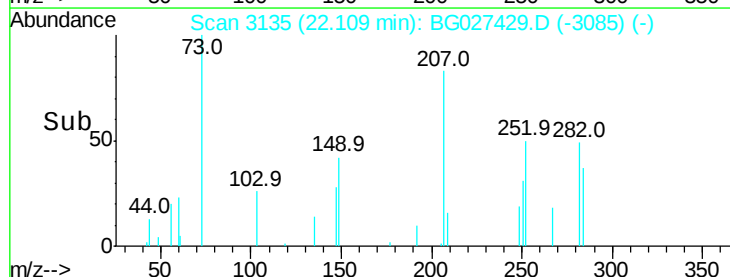
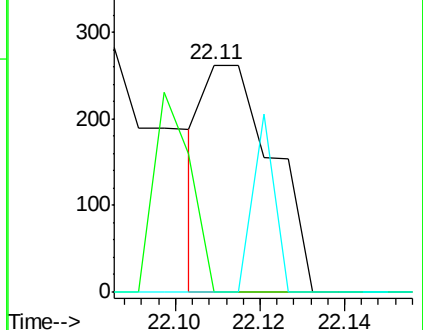
126 0.0 7.0 10.4#

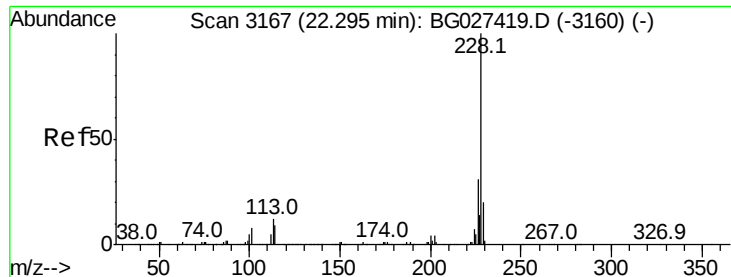


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.00 ng

RT: 22.29 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

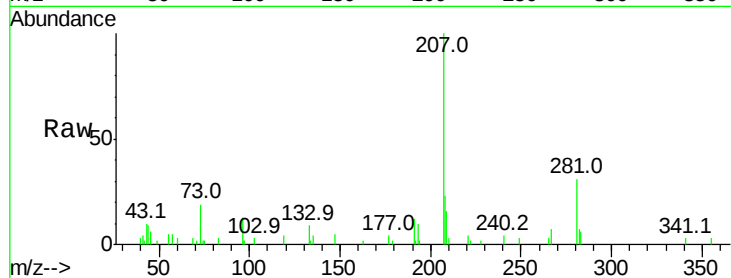
Tot Ion:228 Resp: 62

Ion Ratio Lower Upper

228 100

226 0.0 27.0 40.4#

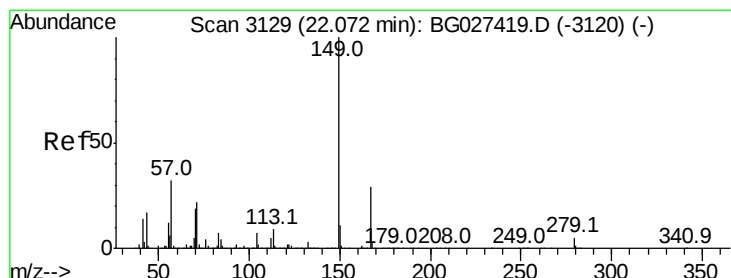
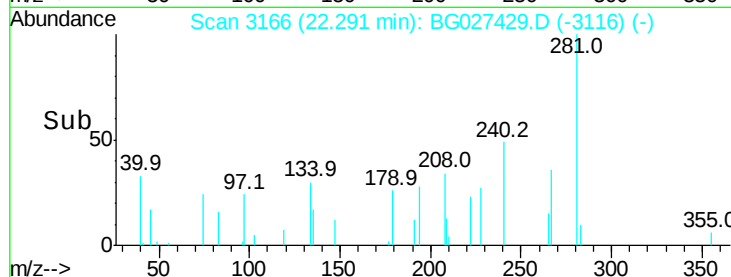
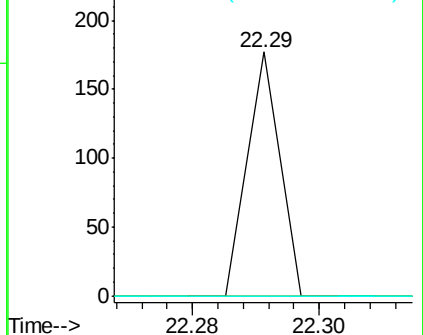
229 0.0 17.8 26.6#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.10 ng

RT: 22.06 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

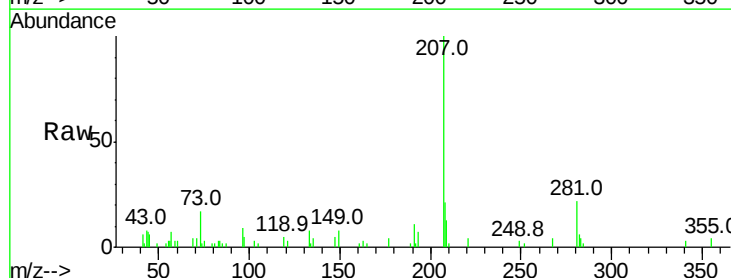
Tgt Ion:149 Resp: 1252

Ion Ratio Lower Upper

149 100

167 0.0 23.7 35.5#

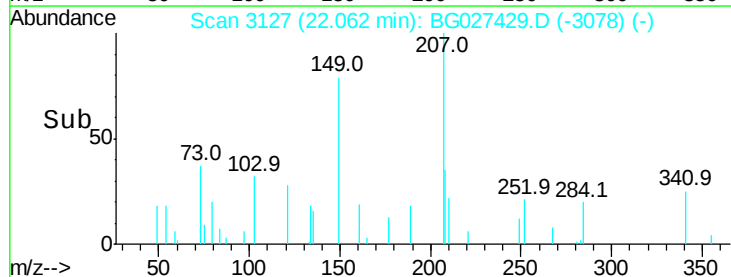
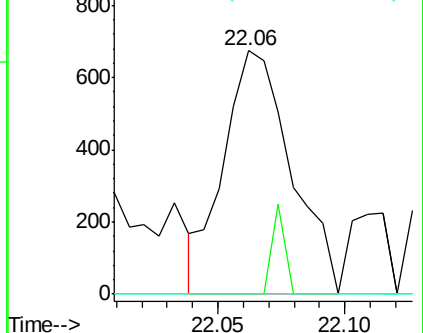
279 0.0 4.6 6.8#

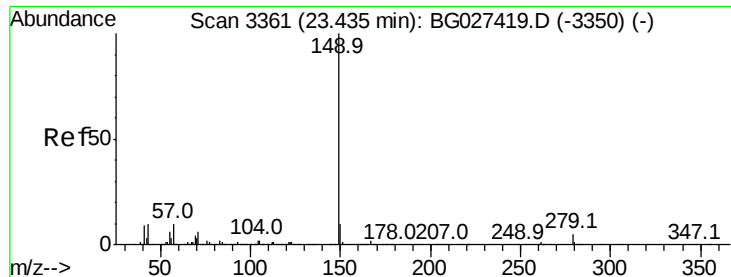


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

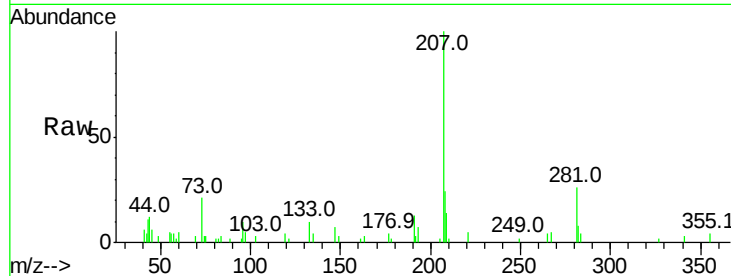




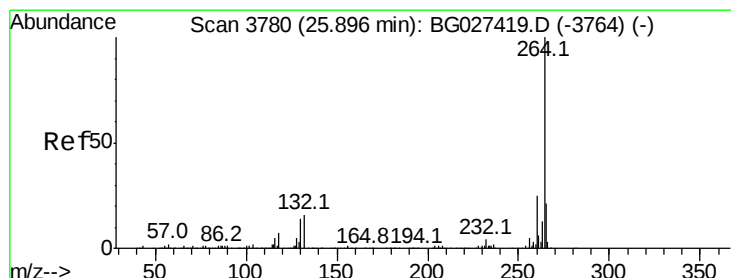
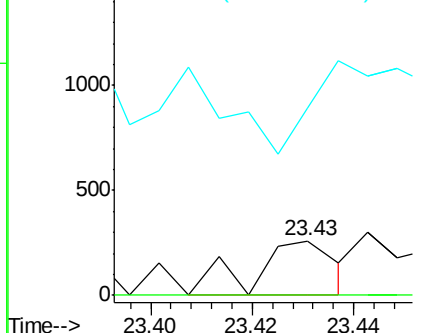
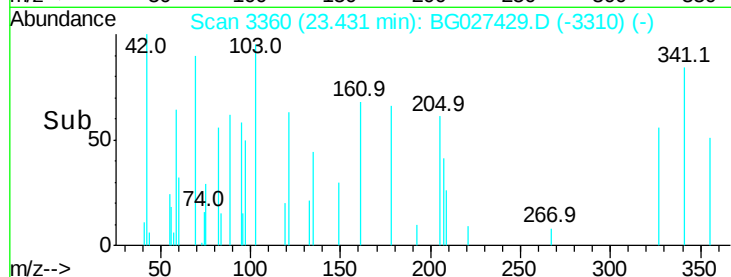
#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 23.43 min Scan# 3360
Delta R.T. -0.00 min
Lab File: BG027429.D
Acq: 14 Jun 2017 22:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 292
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.2#
43 290.1 11.8 17.6#

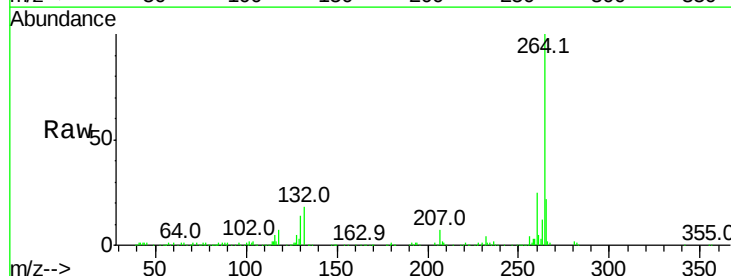


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

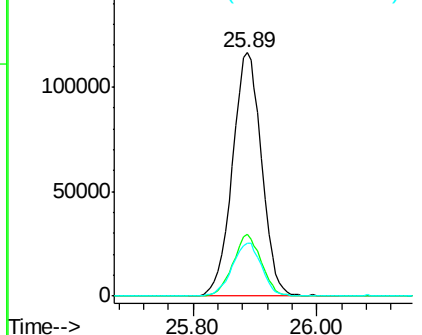
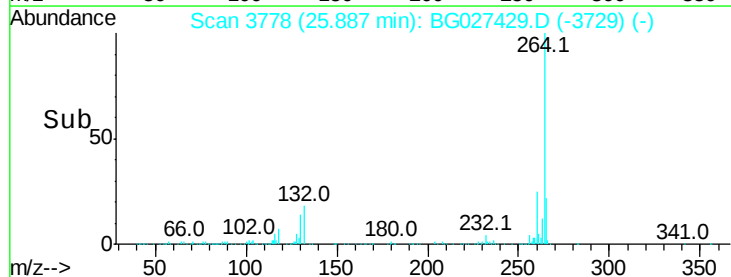


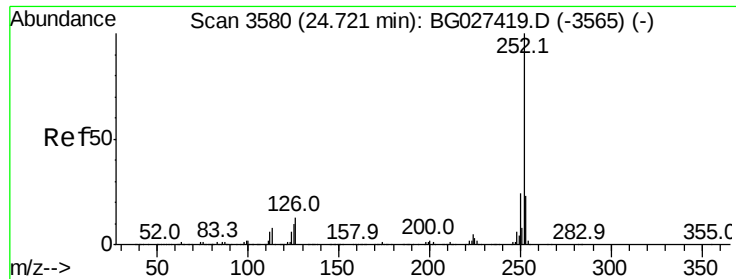
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.89 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BG027429.D
Acq: 14 Jun 2017 22:45

Tgt Ion:264 Resp: 382444
Ion Ratio Lower Upper
264 100
260 25.3 21.8 32.8
265 21.9 18.2 27.4



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





#87

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 24.71 min Scan# 3577

Delta R.T. -0.02 min

Lab File: BG027429.D

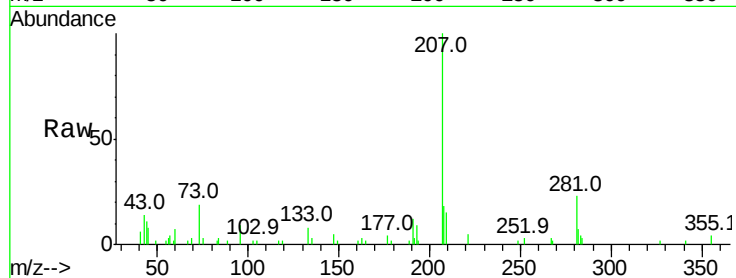
Acq: 14 Jun 2017 22:45

Instrument :

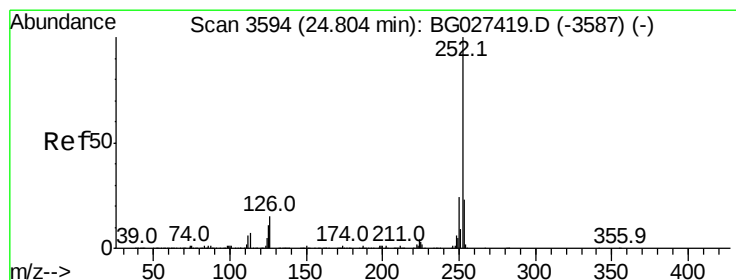
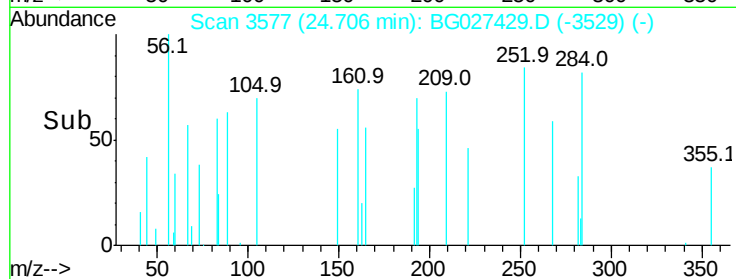
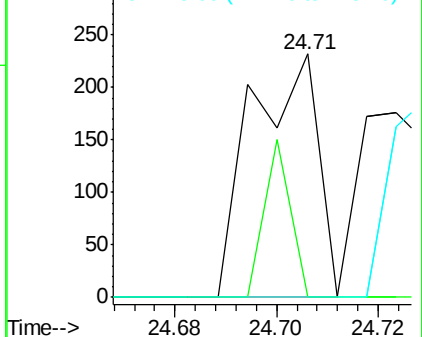
BNA_G

ClientSampled :

Tot Ion:	252	Resp:	210
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.7	28.1#
125	0.0	5.3	7.9#



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



#88

Benzo(k)fluoranthene

Concen: 0.01 ng

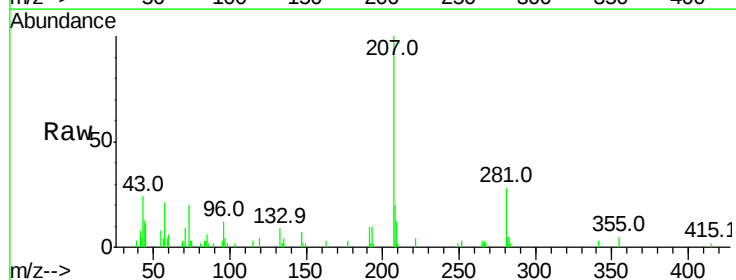
RT: 24.79 min Scan# 3591

Delta R.T. -0.02 min

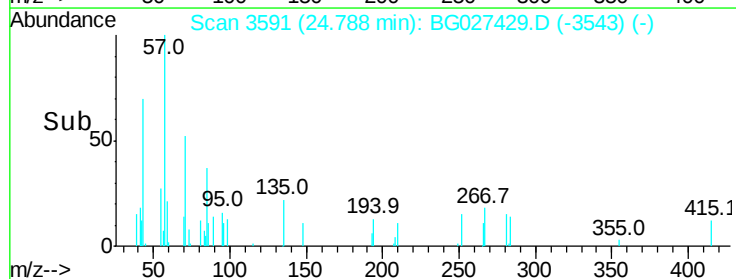
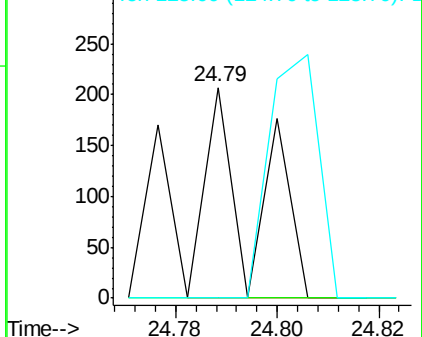
Lab File: BG027429.D

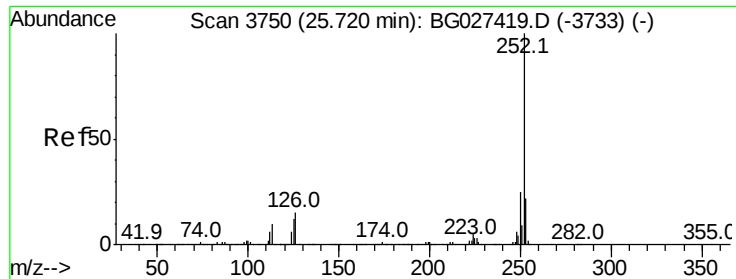
Acq: 14 Jun 2017 22:45

Tgt Ion:	252	Resp:	135
Ion	Ratio	Lower	Upper
252	100		
253	0.0	20.2	30.2#
125	0.0	5.1	7.7#



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





#89

Benzo(a)pyrene

Concen: 0.00 ng

RT: 25.70 min Scan# 3747

Delta R.T. -0.02 min

Lab File: BG027429.D

Acq: 14 Jun 2017 22:45

Instrument :

BNA_G

ClientSampleId :

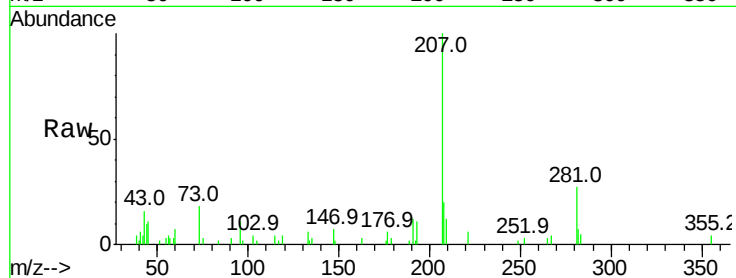
Tot Ion: 252 Resp: 80

Ion Ratio Lower Upper

252 100

253 0.0 19.2 28.8#

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

