

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027446.D
 Acq On : 15 Jun 2017 10:58
 Operator : SJ/MA
 Sample : I3660-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 11:54:25 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

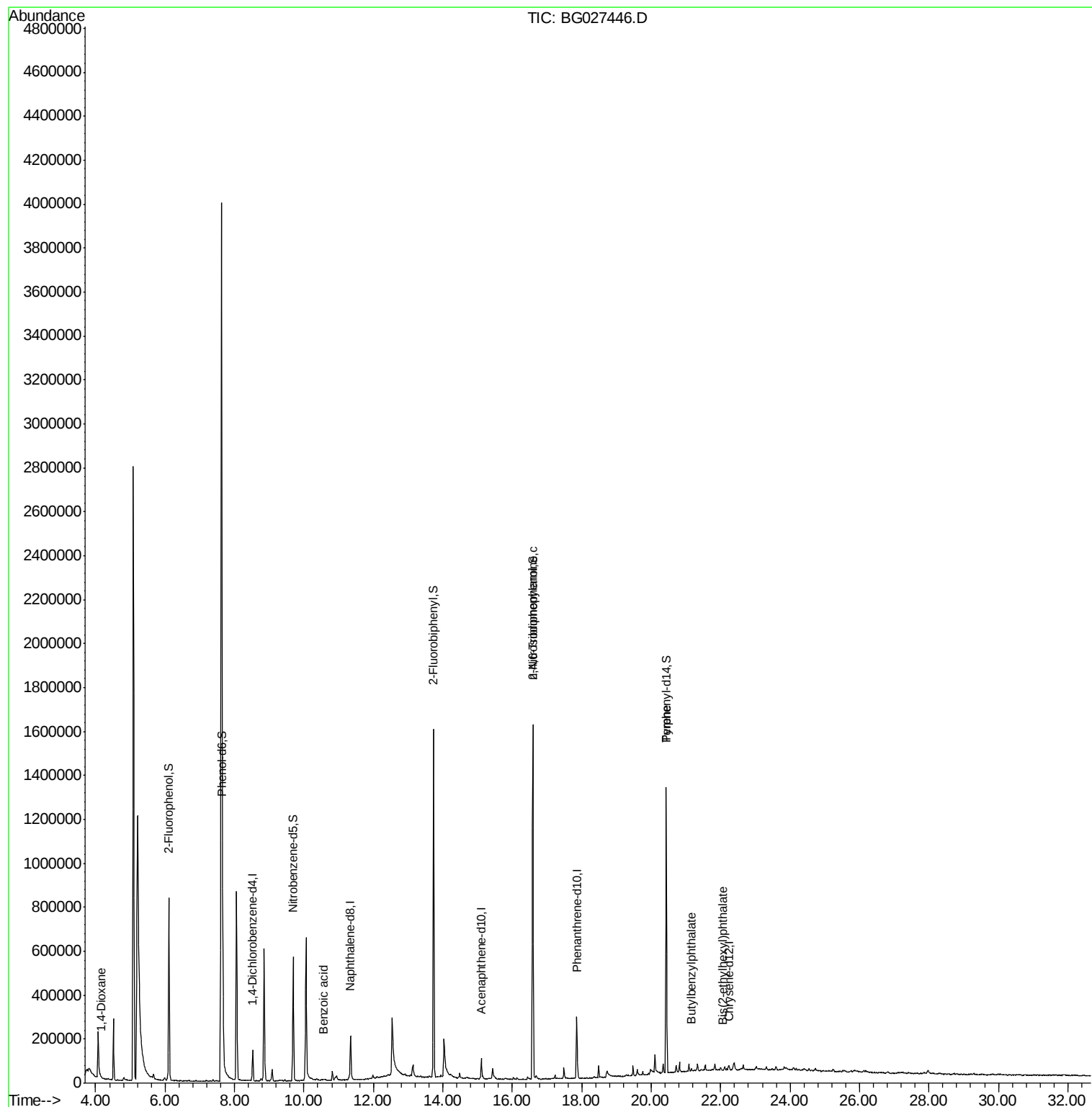
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	37954	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	164201	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	22872	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	113976	20.00	ng	0.00
75) Chrysene-d12	22.23	240	7123	20.00	ng	0.00
86) Perylene-d12	0.00	264	0	0.00	ng	-25.90
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	366702	136.54	ng	0.00
7) Phenol-d6	7.66	99	150205	36.39	ng	0.00
23) Nitrobenzene-d5	9.69	82	377636	117.25	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	324188	944.40	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	810637	512.01	ng	0.00
78) Terphenyl-d14	20.43	244	331796	1193.88	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	4.16	88	6143	5.52	ng	# 73
32) Benzoic acid	10.56	122	245	8.77	ng	# 88
65) n-Nitrosodiphenylamine	16.59	169	11064	3.11	ng	# 50
77) Pyrene	20.43	202	1319	3.36	ng	# 67
79) Butylbenzylphthalate	21.16	149	380	2.32	ng	# 82
83) Bis(2-ethylhexyl)phthalate	22.06	149	577	2.44	ng	# 51

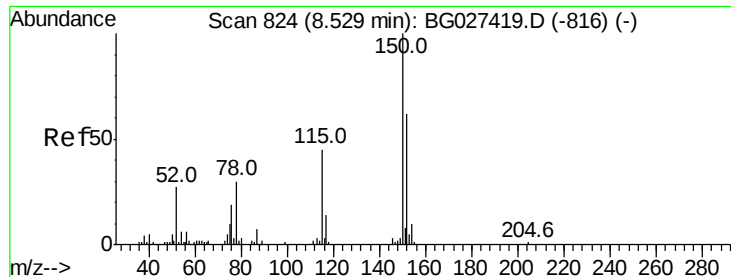
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.53 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG027446.D

Acq: 15 Jun 2017 10:58

Instrument :

BNA_G

ClientSampleId :

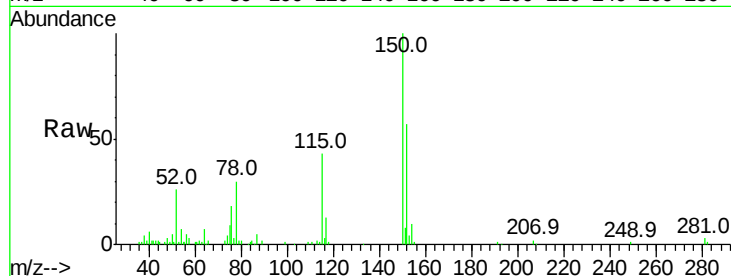
Tot Ion:152 Resp: 37954

Ion Ratio Lower Upper

152 100

150 175.8 114.0 171.0#

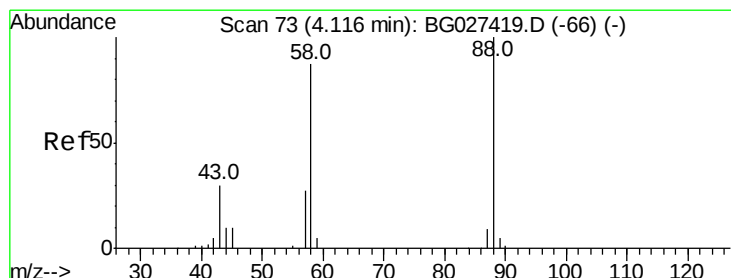
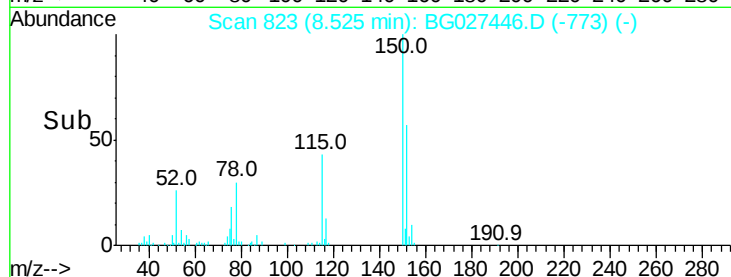
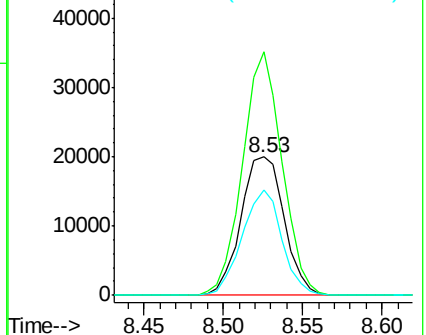
115 76.3 48.1 72.1#



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: 5.52 ng

RT: 4.16 min Scan# 80

Delta R.T. 0.04 min

Lab File: BG027446.D

Acq: 15 Jun 2017 10:58

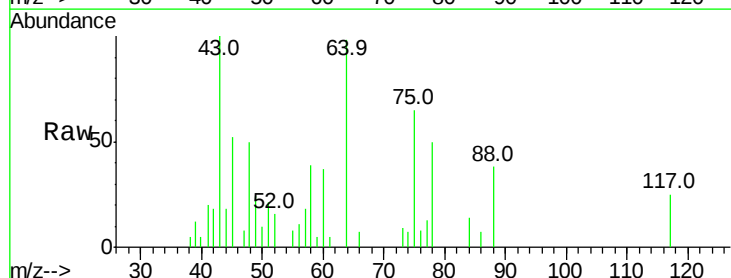
Tgt Ion: 88 Resp: 6143

Ion Ratio Lower Upper

88 100

58 76.4 79.4 119.2#

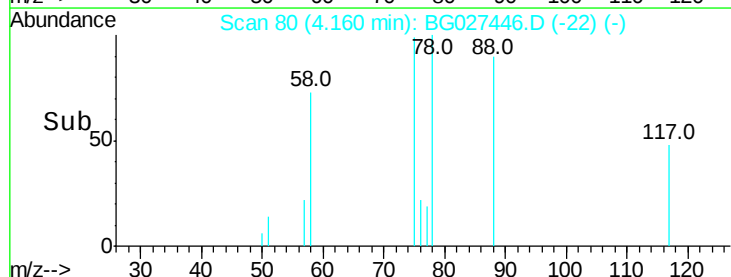
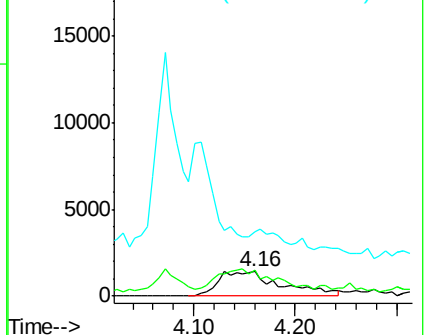
43 20.1 33.8 50.6#

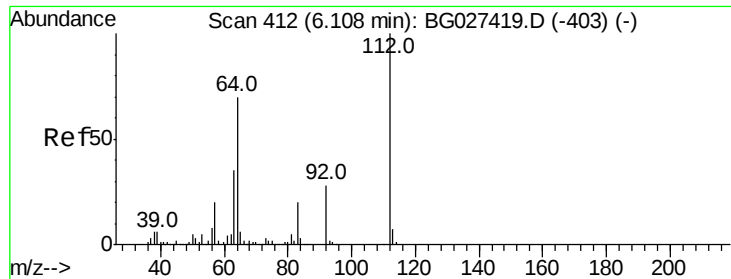


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 136.54 ng

RT: 6.11 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG027446.D

Acq: 15 Jun 2017 10:58

Instrument :

BNA_G

ClientSampled :

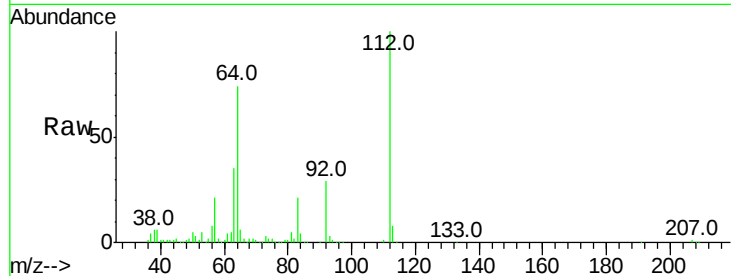
Tot Ion:112 Resp: 366702

Ion Ratio Lower Upper

112 100

64 73.8 61.8 92.6

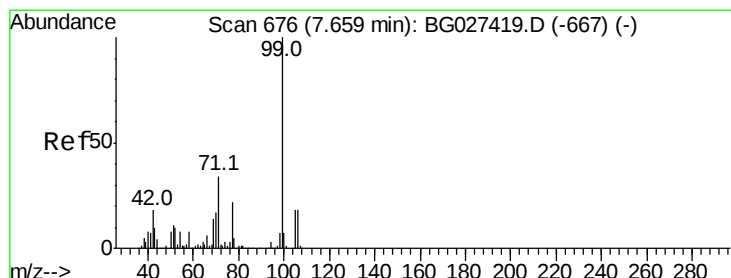
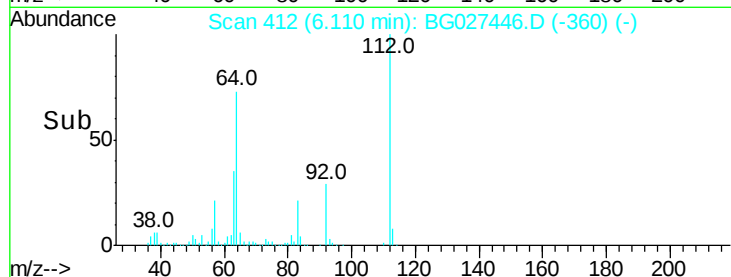
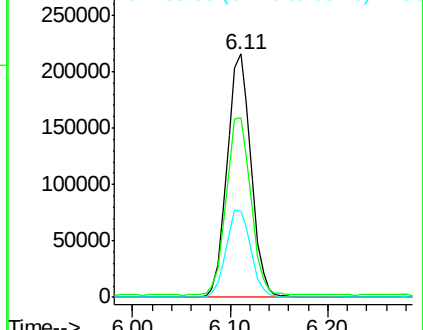
63 35.3 37.2 55.8#



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



#7

Phenol-d6

Concen: 36.39 ng

RT: 7.66 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG027446.D

Acq: 15 Jun 2017 10:58

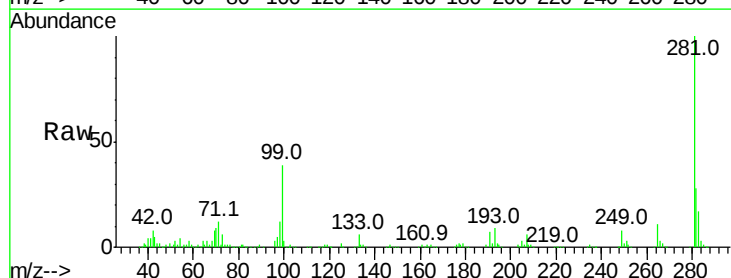
Tgt Ion: 99 Resp: 150205

Ion Ratio Lower Upper

99 100

42 21.8 20.5 30.7

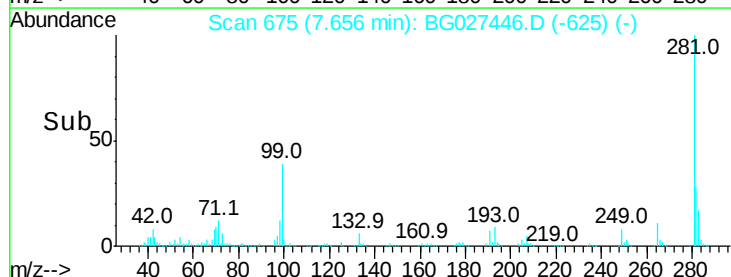
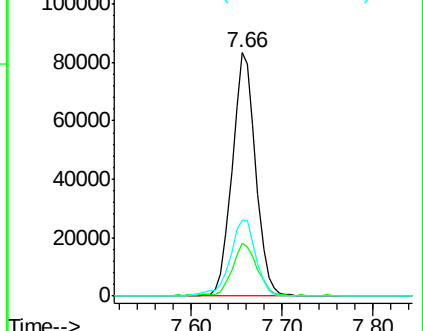
71 31.0 37.6 56.4#

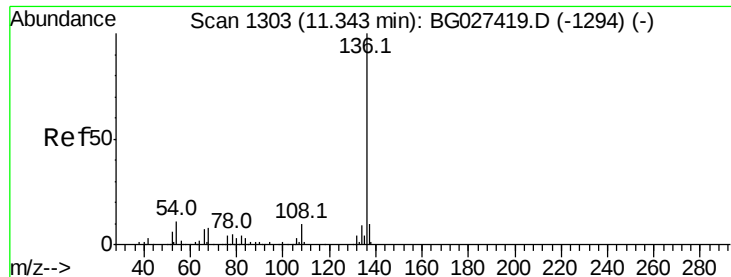


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

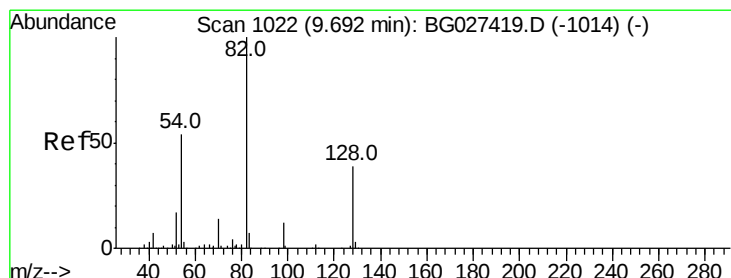
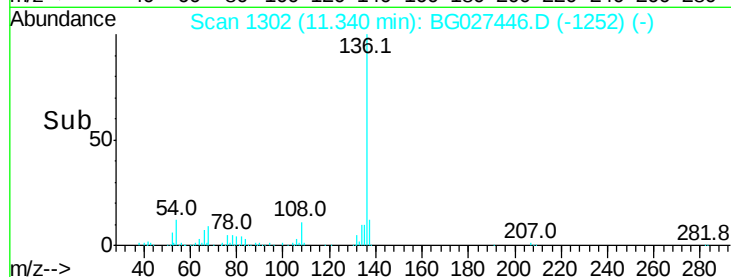
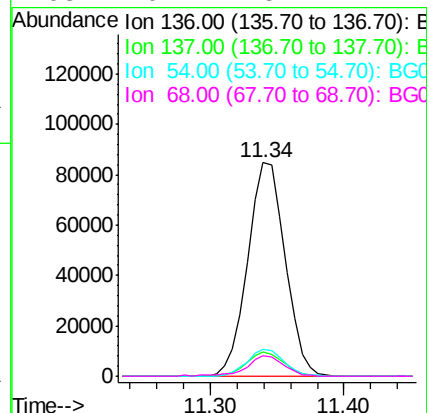
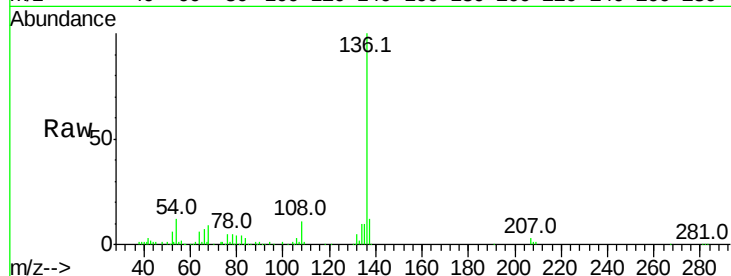




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.34 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG027446.D
Acq: 15 Jun 2017 10:58

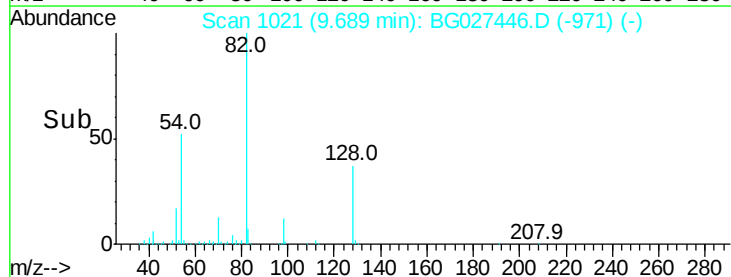
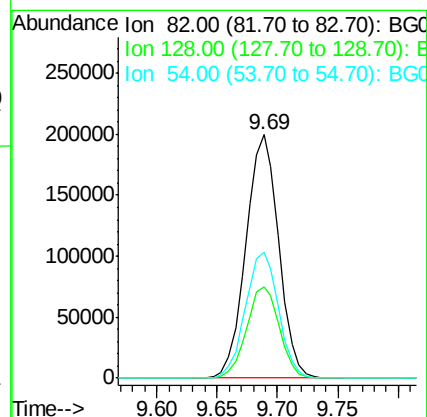
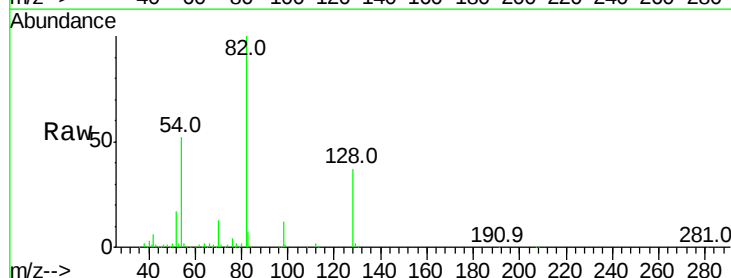
Instrument :
BNA_G
ClientSampleId :

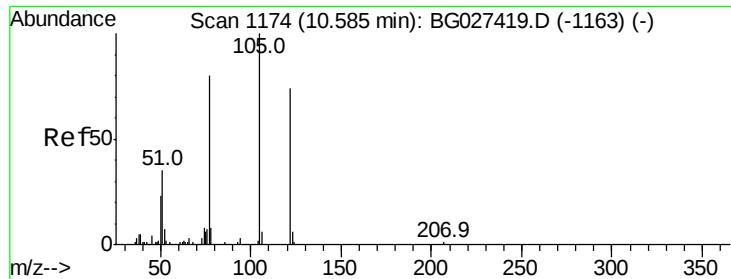
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	12.3	9.3	13.9
68	9.4	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 117.25 ng
RT: 9.69 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG027446.D
Acq: 15 Jun 2017 10:58

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	26.4	39.6
54	51.9	49.4	74.2

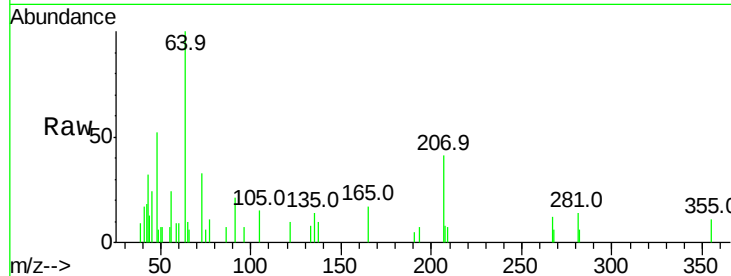




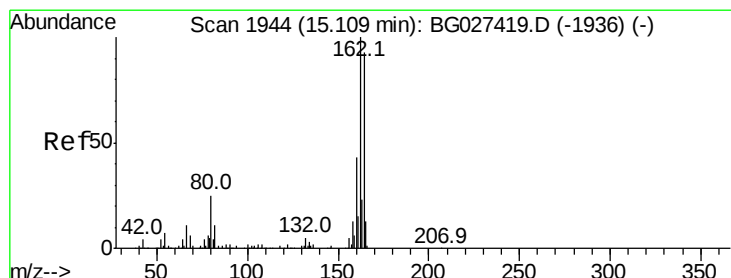
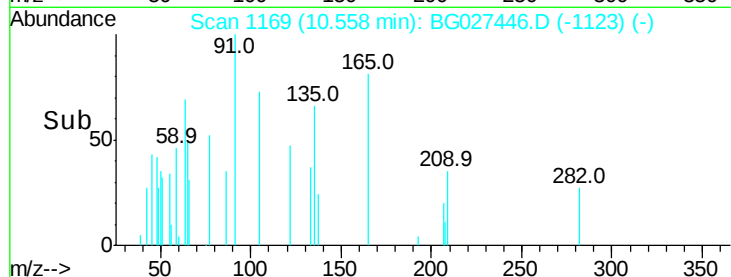
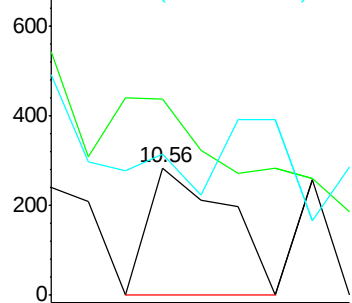
#32
Benzoic acid
Concen: 8.77 ng
RT: 10.56 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BG027446.D
Acq: 15 Jun 2017 10:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 245
Ion Ratio Lower Upper
122 100
105 154.0 120.1 160.1
77 110.5 104.6 144.6

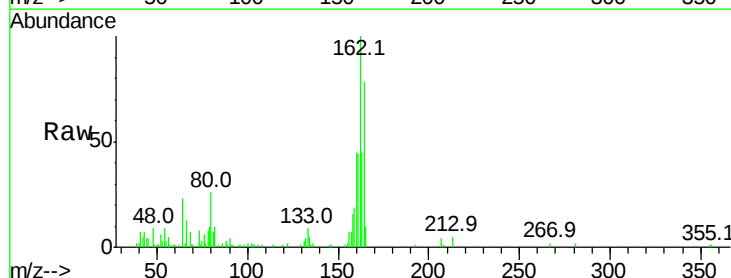


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

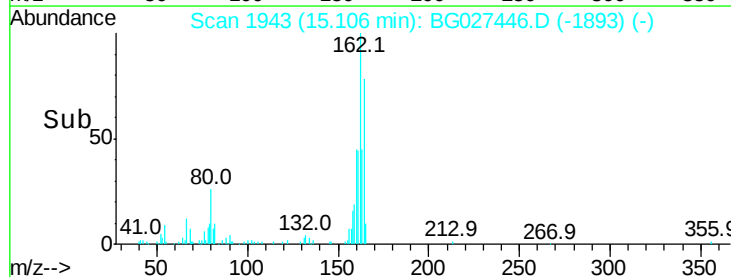
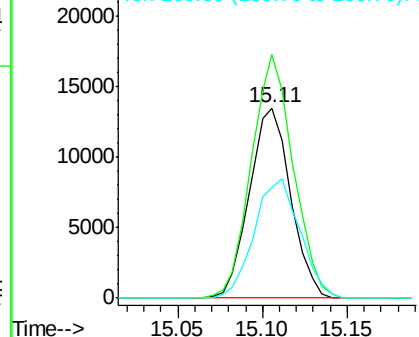


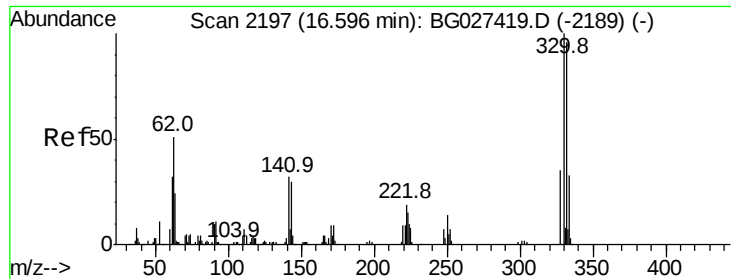
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.11 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG027446.D
Acq: 15 Jun 2017 10:58

Tgt Ion:164 Resp: 22872
Ion Ratio Lower Upper
164 100
162 128.1 85.1 127.7#
160 58.0 34.7 52.1#



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

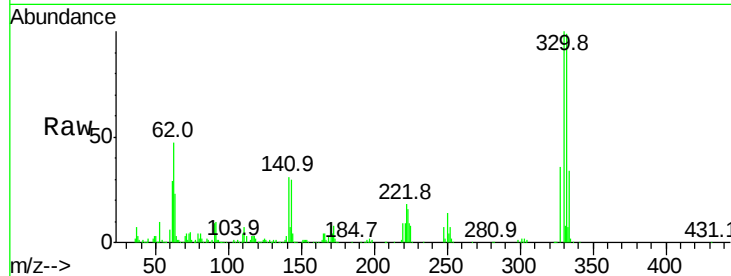




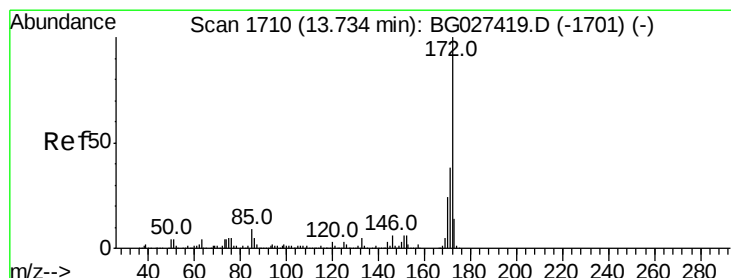
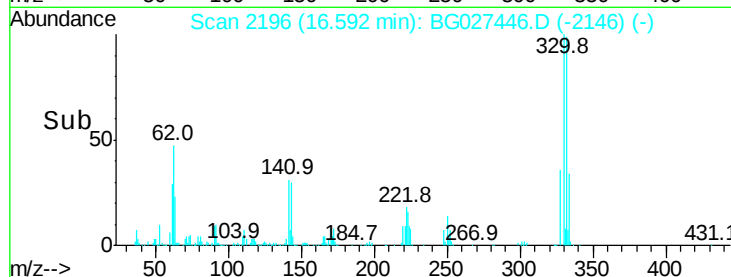
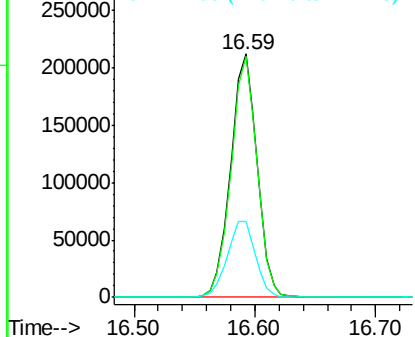
#41
 2,4,6-Tribromophenol
 Concen: 944.40 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BG027446.D
 Acq: 15 Jun 2017 10:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	33.7	32.1	48.1

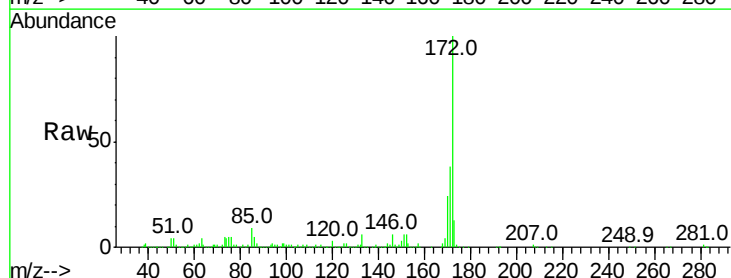


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

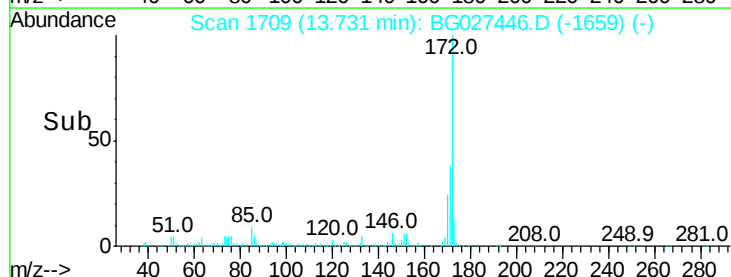
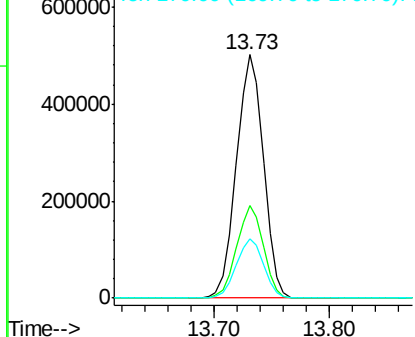


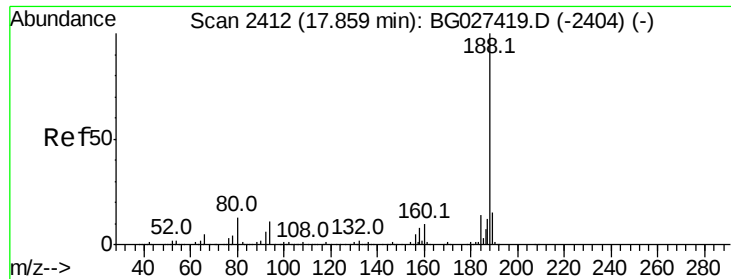
#44
 2-Fluorobiphenyl
 Concen: 512.01 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG027446.D
 Acq: 15 Jun 2017 10:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	24.5	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

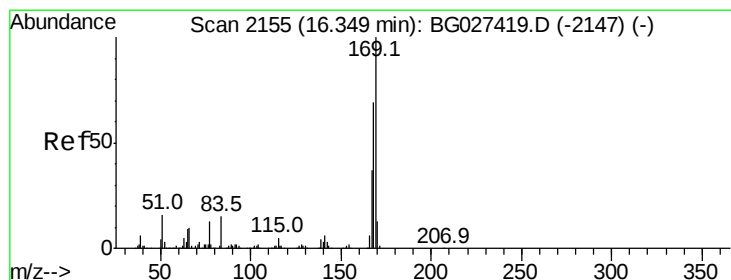
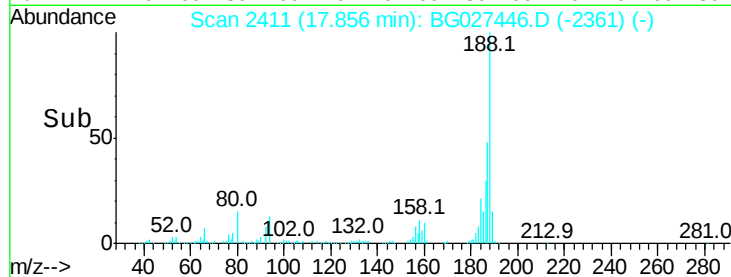
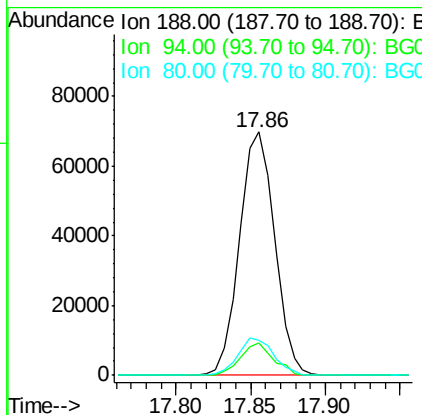
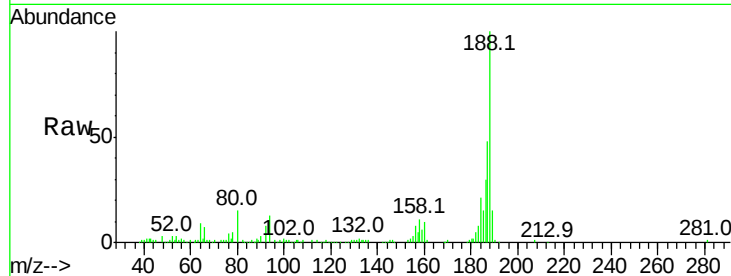




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.86 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG027446.D
Acq: 15 Jun 2017 10:58

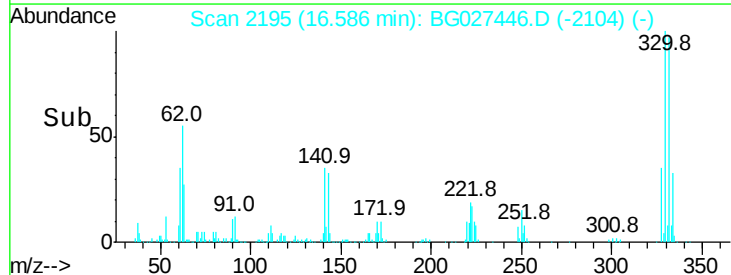
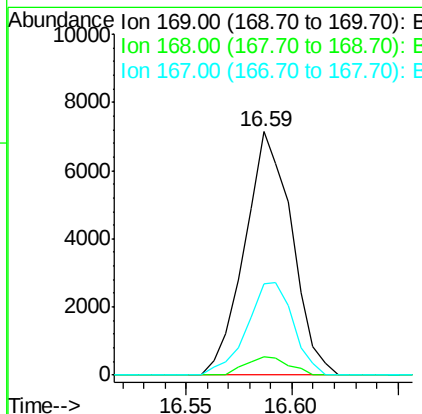
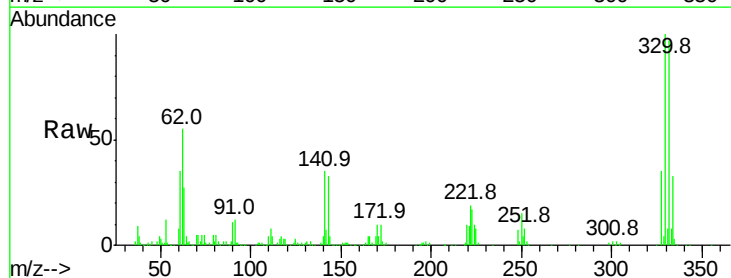
Instrument :
BNA_G
ClientSampleId :

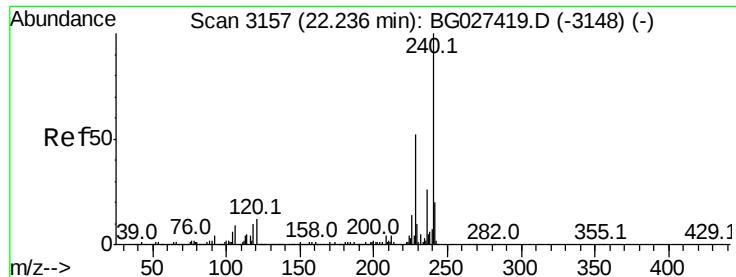
Tot Ion:188 Resp: 113976
Ion Ratio Lower Upper
188 100
94 13.4 5.8 8.8#
80 14.5 7.5 11.3#



#65
n-Nitrosodiphenylamine
Concen: 3.11 ng
RT: 16.59 min Scan# 2195
Delta R.T. 0.24 min
Lab File: BG027446.D
Acq: 15 Jun 2017 10:58

Tgt Ion:169 Resp: 11064
Ion Ratio Lower Upper
169 100
168 7.5 55.7 83.5#
167 37.6 29.8 44.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.23 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG027446.D

Acq: 15 Jun 2017 10:58

Instrument :

BNA_G

ClientSampled :

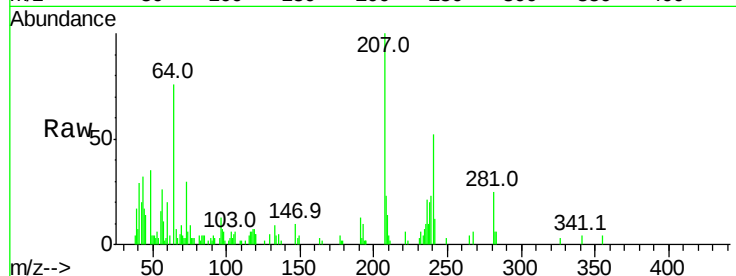
Tot Ion:240 Resp: 7123

Ion Ratio Lower Upper

240 100

120 9.9 5.7 8.5#

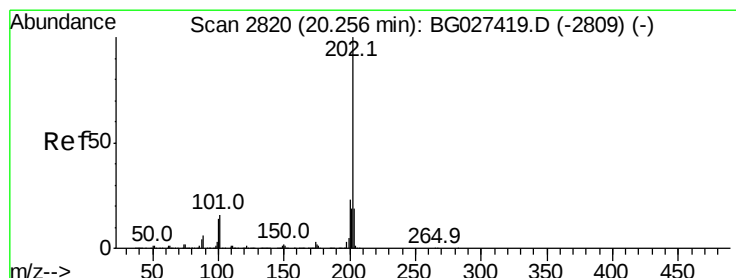
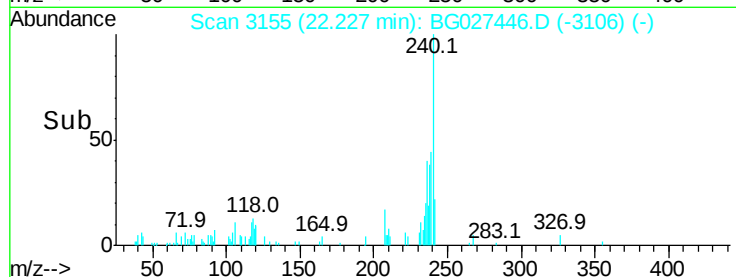
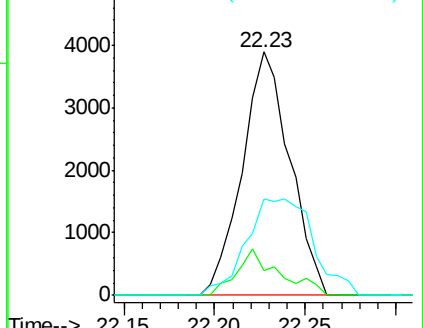
236 39.6 22.2 33.4#



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



#77

Pyrene

Concen: 3.36 ng

RT: 20.43 min Scan# 2849

Delta R.T. 0.17 min

Lab File: BG027446.D

Acq: 15 Jun 2017 10:58

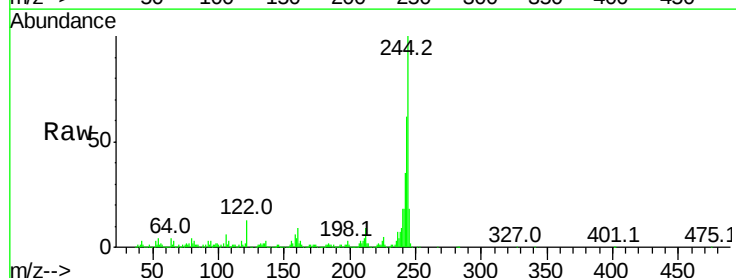
Tgt Ion:202 Resp: 1319

Ion Ratio Lower Upper

202 100

200 53.0 19.6 29.4#

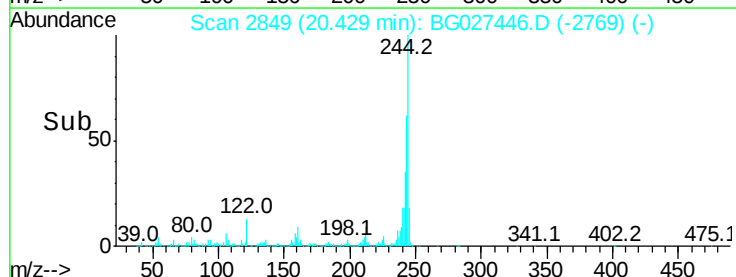
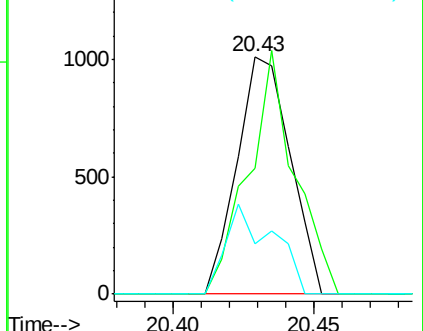
203 21.4 15.8 23.8

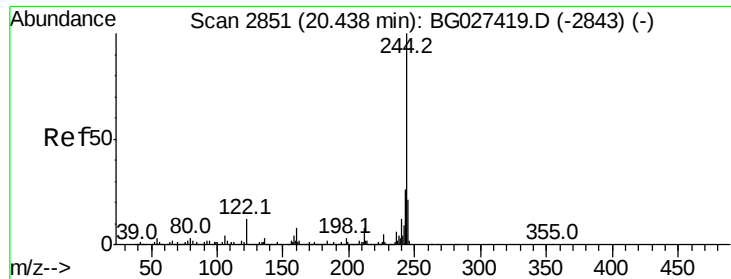


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 1193.88 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG027446.D

Acq: 15 Jun 2017 10:58

Instrument :

BNA_G

ClientSampleId :

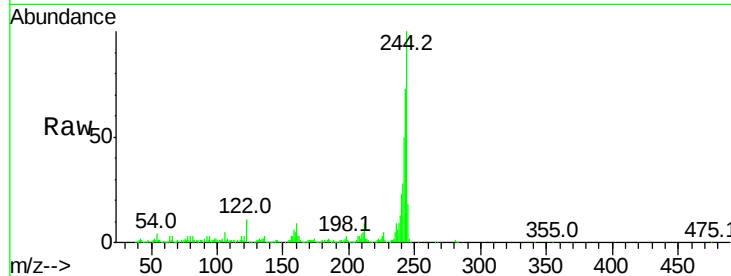
Tot Ion:244 Resp: 331796

Ion Ratio Lower Upper

244 100

212 8.8 10.0 15.0#

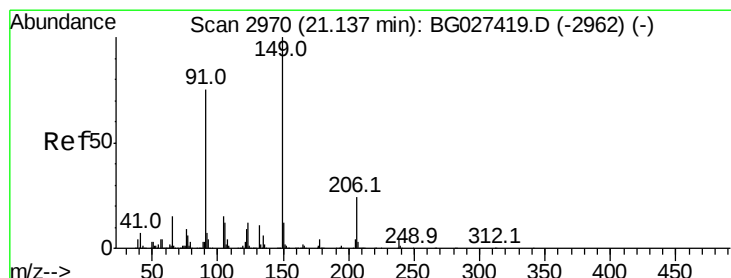
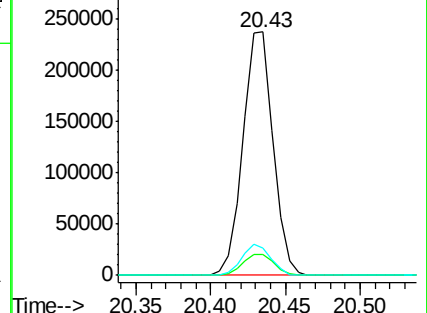
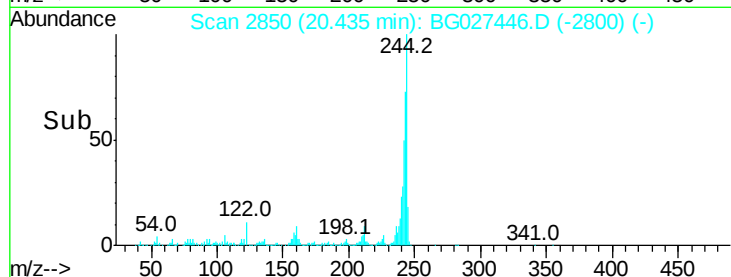
122 11.1 8.6 12.8



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: 2.32 ng

RT: 21.16 min Scan# 2974

Delta R.T. 0.03 min

Lab File: BG027446.D

Acq: 15 Jun 2017 10:58

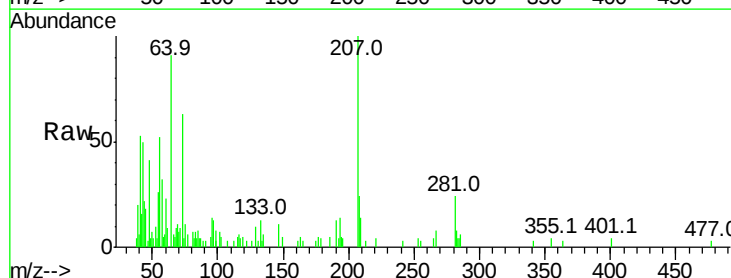
Tgt Ion:149 Resp: 380

Ion Ratio Lower Upper

149 100

91 73.2 63.5 95.3

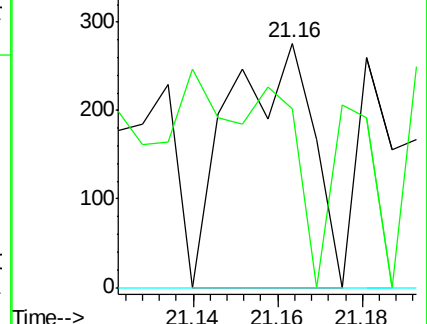
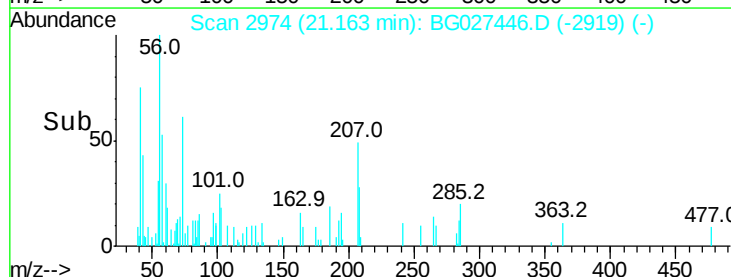
206 0.0 21.0 31.6#

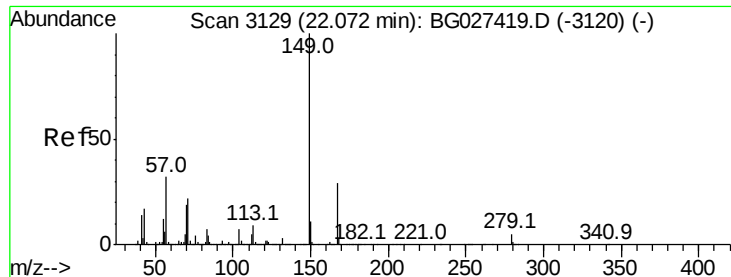


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.44 ng

RT: 22.06 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BG027446.D

Acq: 15 Jun 2017 10:58

Instrument :

BNA_G

ClientSampleId :

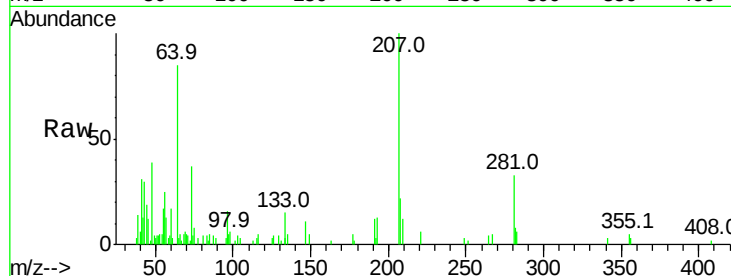
Tot Ion:149 Resp: 577

Ion Ratio Lower Upper

149 100

167 0.0 23.7 35.5#

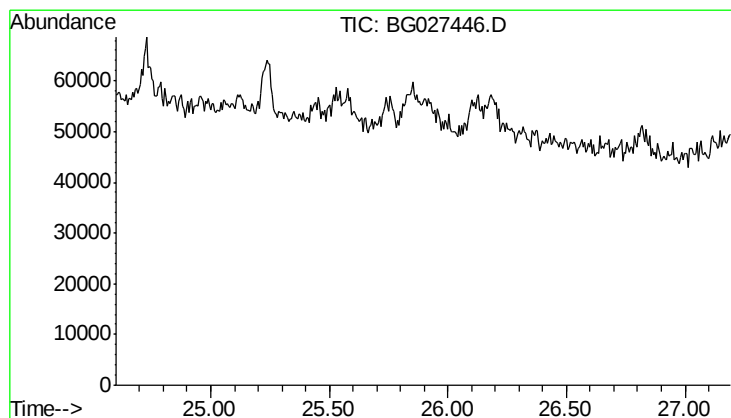
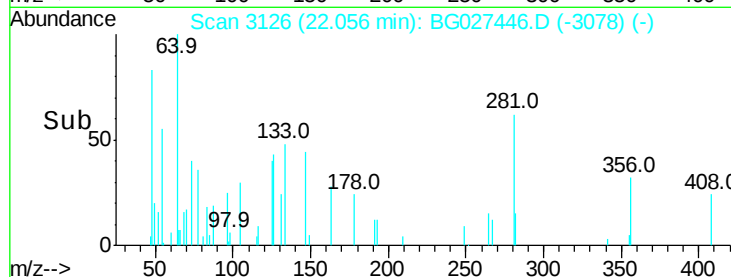
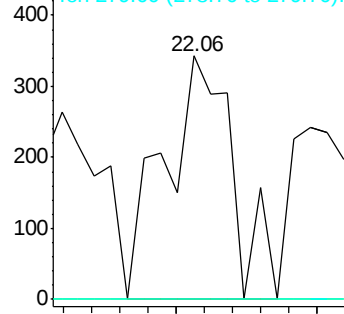
279 0.0 4.6 6.8#



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



#86

Perylene-d12

Concen: 0.00 ng

Expected RT: 25.90 min

Lab File: BG027446.D

Acq: 15 Jun 2017 10:58

Tgt Ion: 264

Sig Exp Ratio

264 100

260 27.3

265 22.8

