

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 :
 RO-72-11941

Quant Time: Jun 15 12:02:40 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

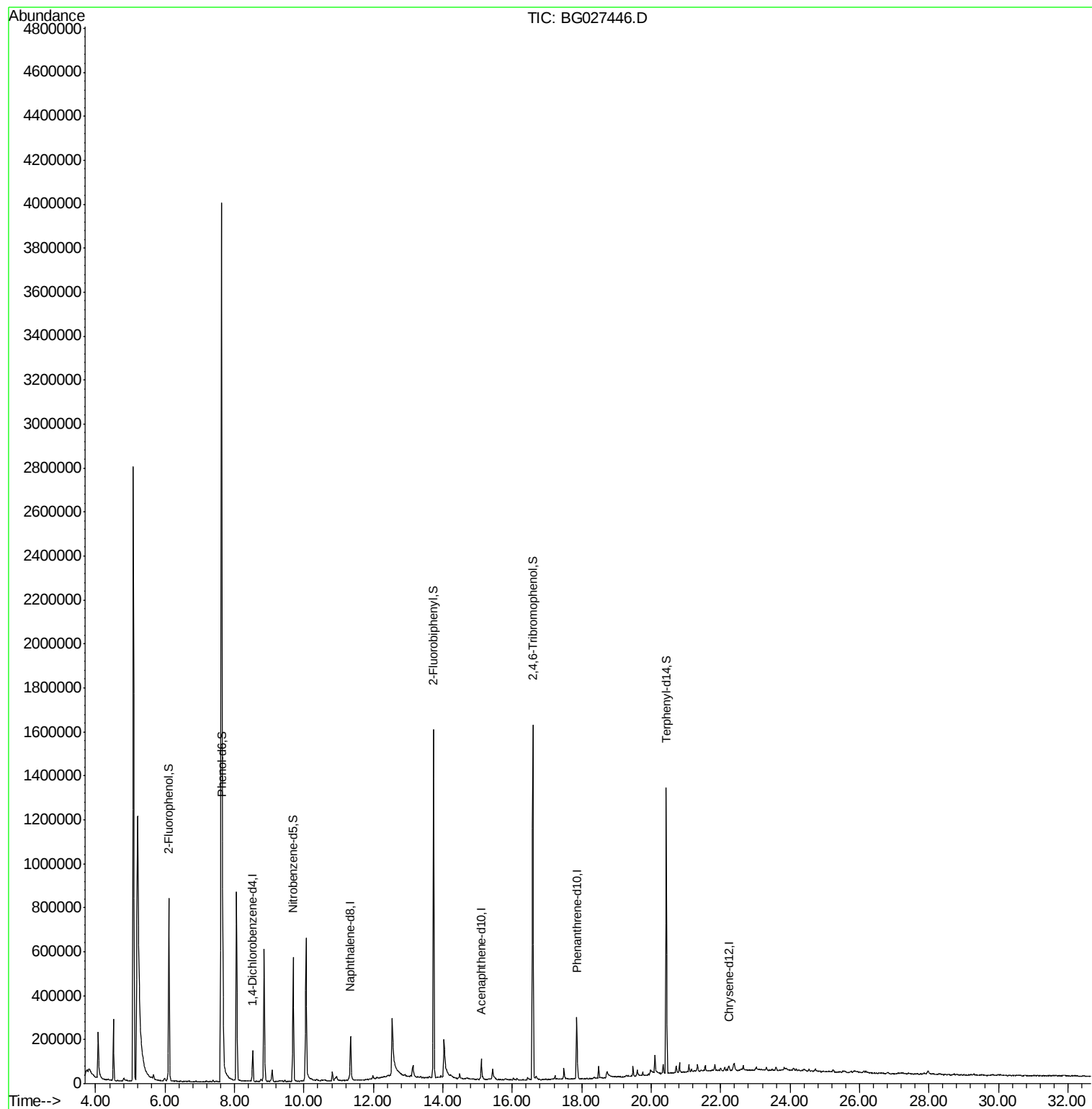
Target Compounds Qvalue

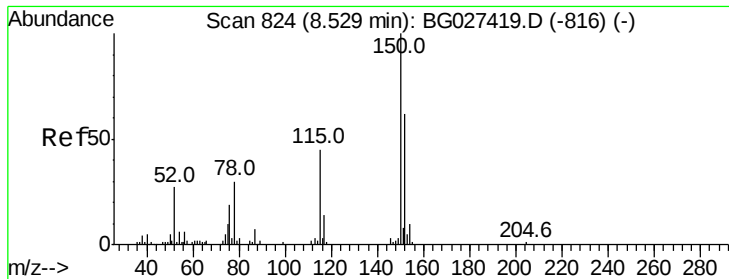
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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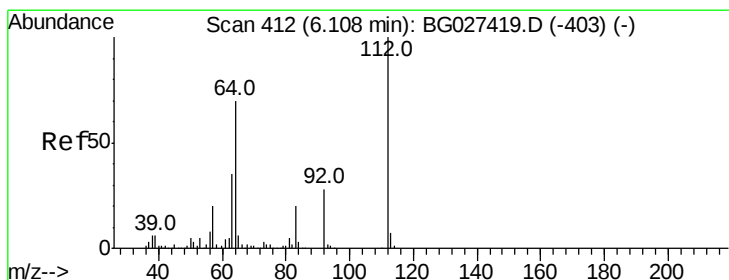
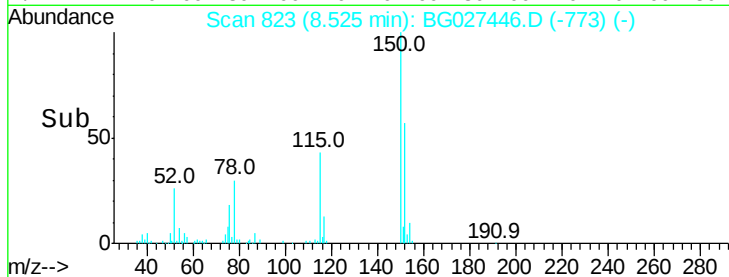
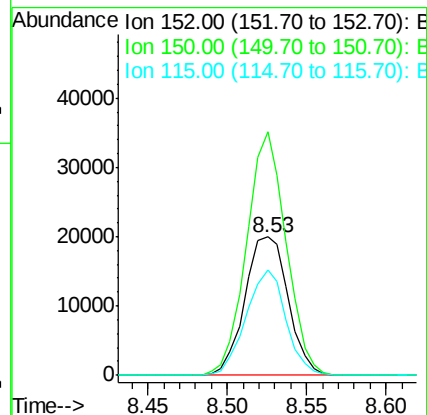
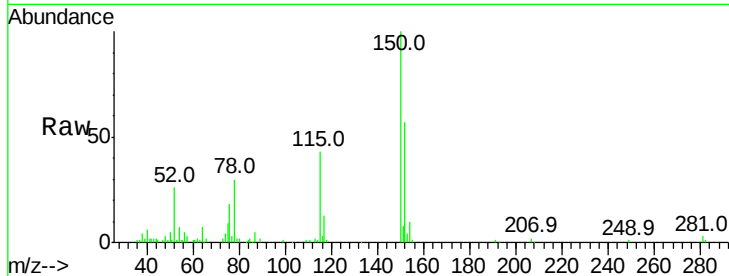


#1

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 :
RO-72-11941

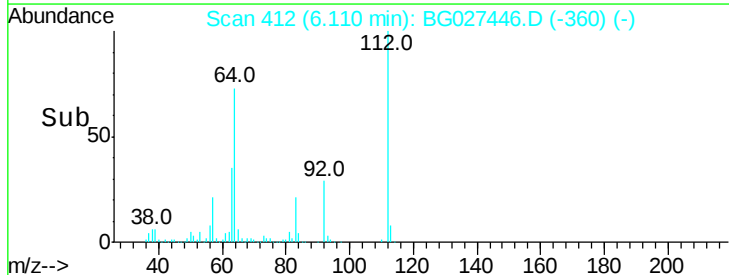
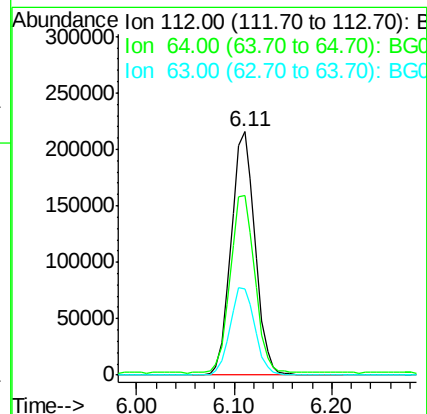
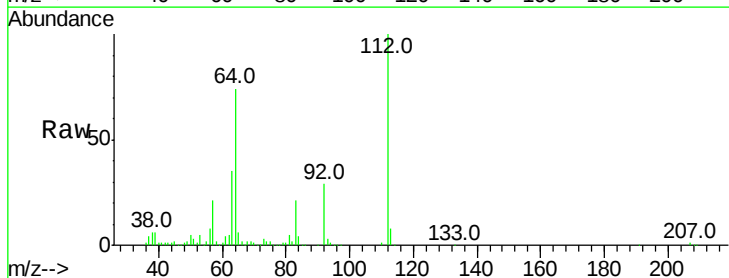
Tot Ion:152 Resp: 37954
Ion Ratio Lower Upper
152 100
150 175.8 114.0 171.0#
115 76.3 48.1 72.1#

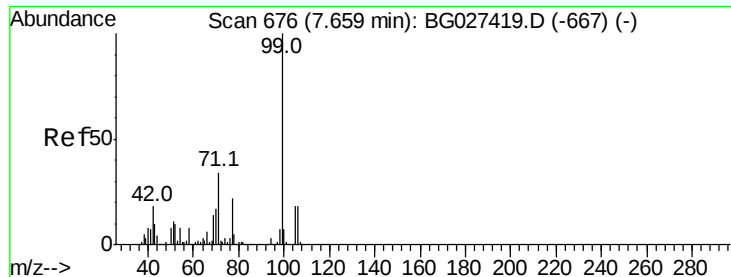


#5

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

Tgt Ion:112 Resp: 366702
Ion Ratio Lower Upper
112 100
64 73.8 61.8 92.6
63 35.3 37.2 55.8#





#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

Instrument :

BNA_G

ClientSampleId :

RO-72-11941

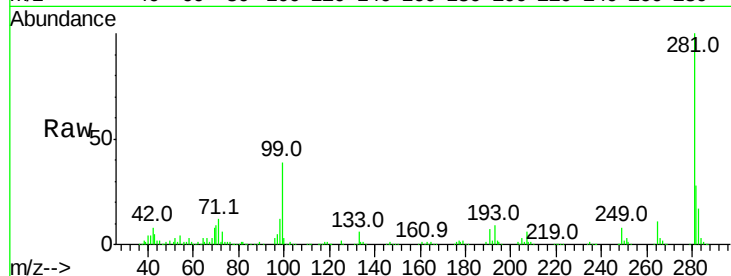
Tot Ion: 99 Resp: 150205

Ion Ratio Lower Upper

99 100

42 21.8 20.5 30.7

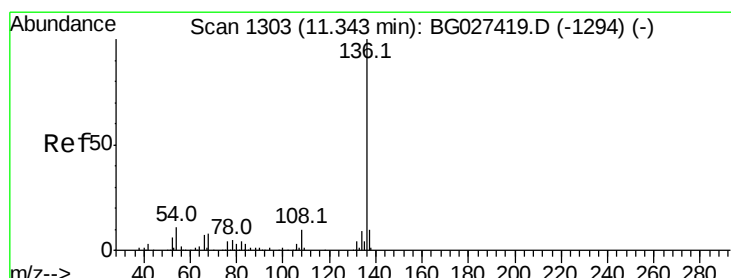
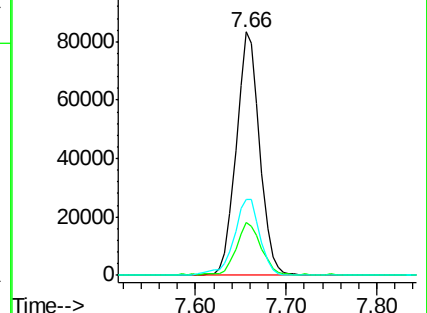
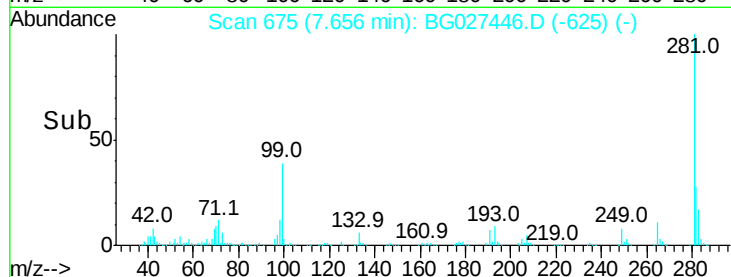
71 31.0 37.6 56.4#



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

Tgt Ion: 136 Resp: 164201

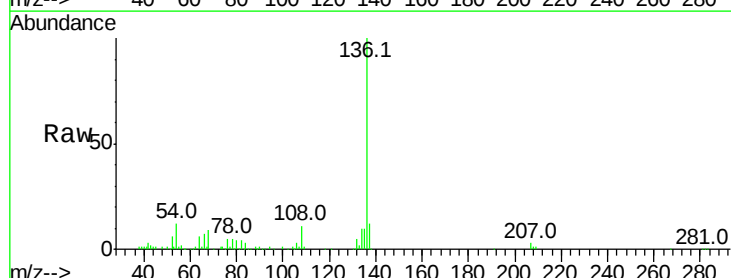
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 12.3 9.3 13.9

68 9.4 5.1 7.7#

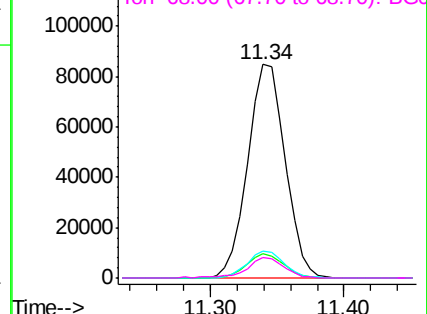
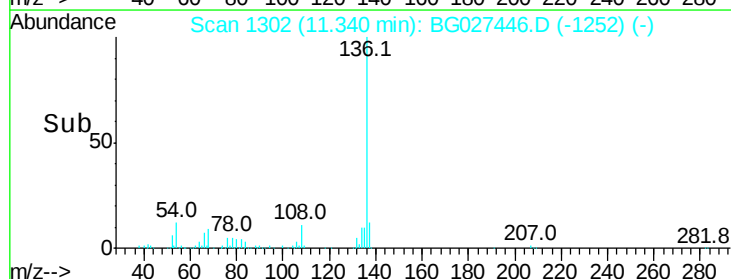


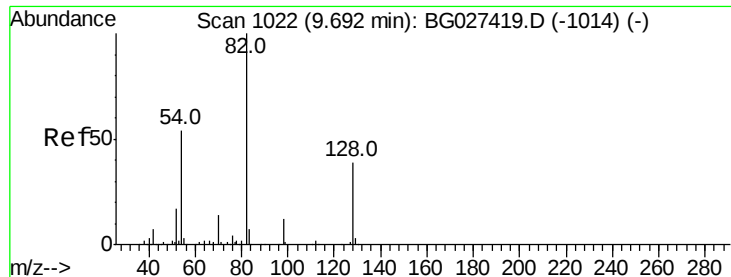
Abundance Ion 136.00 (135.70 to 136.70): BGC

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





#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

Instrument :

BNA_G

ClientSampleId :

RO-72-11941

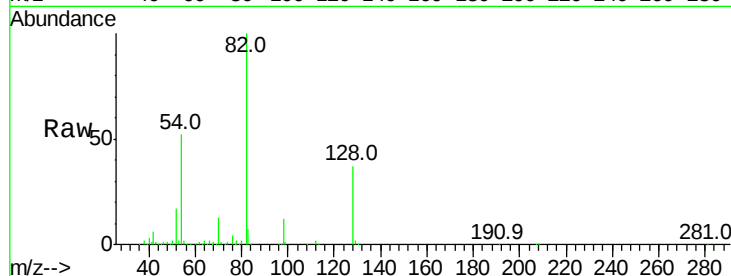
Tot Ion: 82 Resp: 377636

Ion Ratio Lower Upper

82 100

128 37.3 26.4 39.6

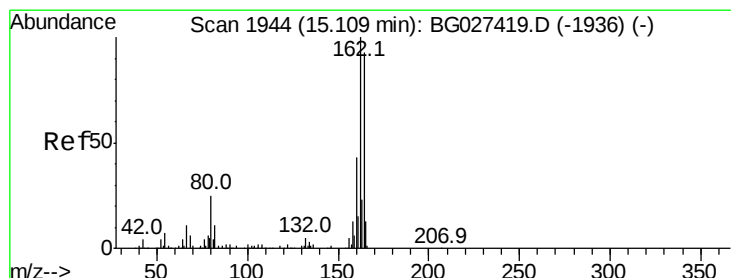
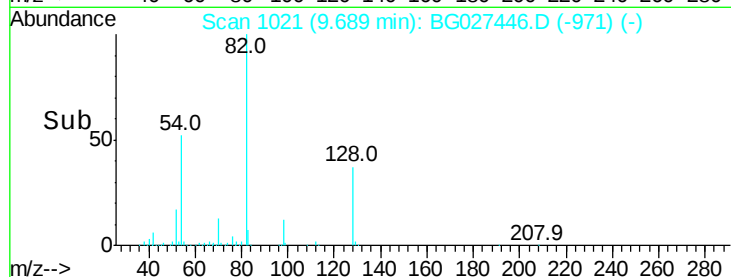
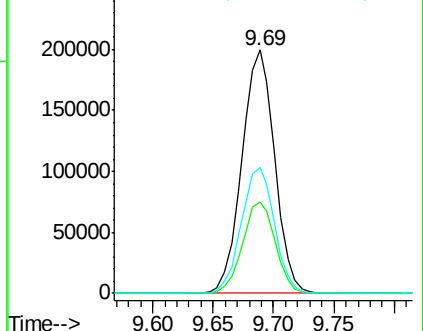
54 51.9 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#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

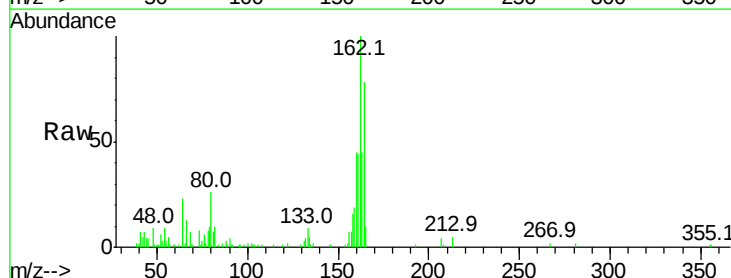
Tgt Ion:164 Resp: 22872

Ion Ratio Lower Upper

164 100

162 128.1 85.1 127.7#

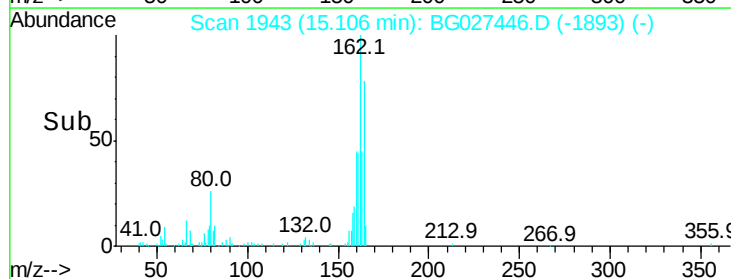
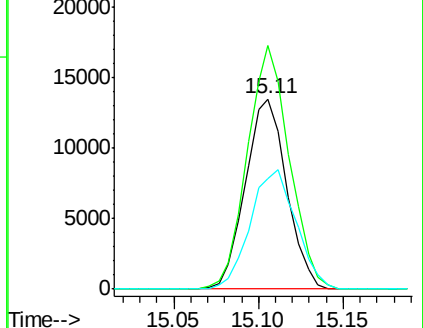
160 58.0 34.7 52.1#

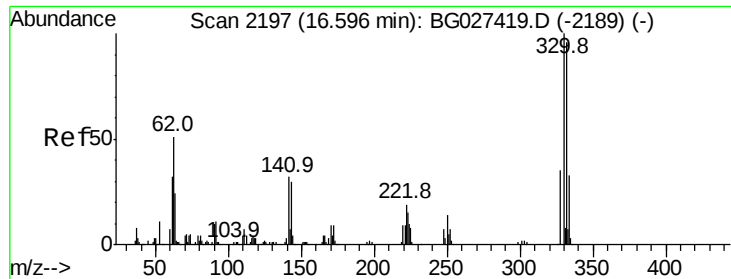


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

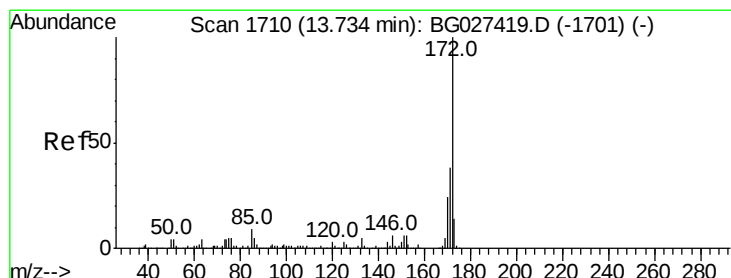
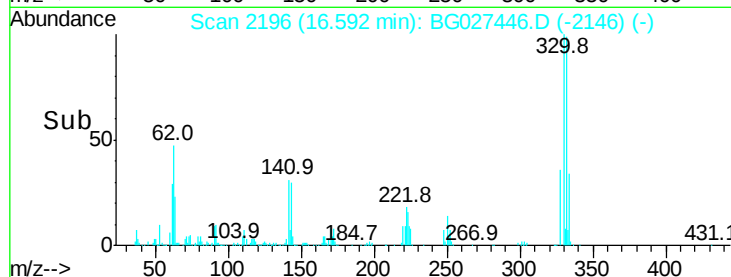
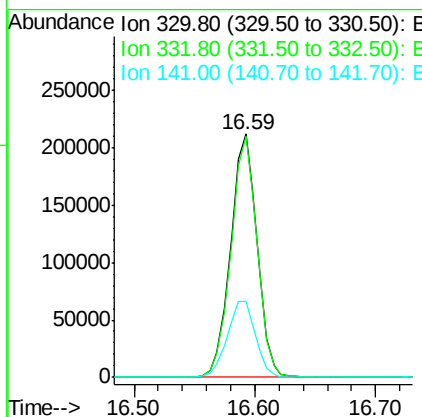
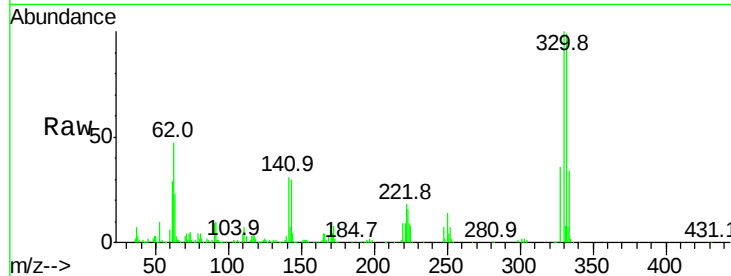




#41
 2,4,6-Tribromophenol
 Concen: 944.40 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BG027446.D
 Acq: 15 Jun 2017 10:58

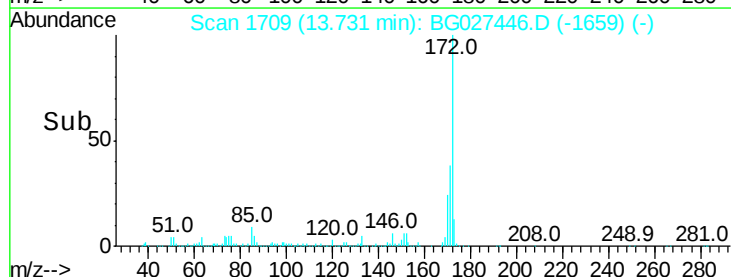
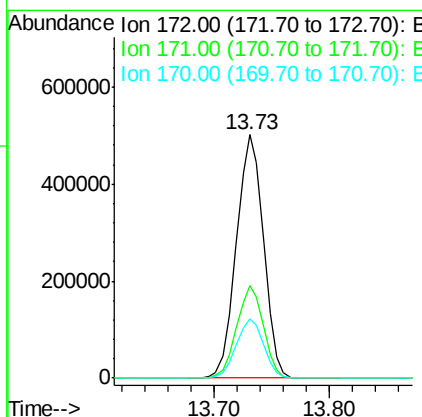
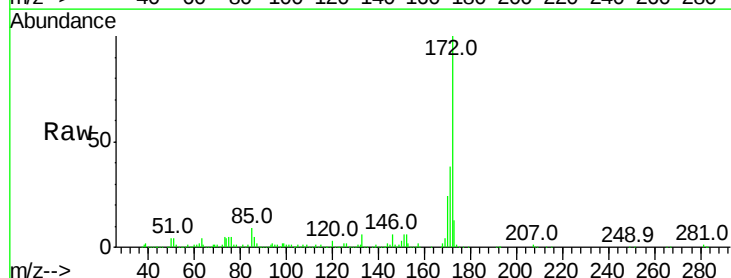
Instrument :
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 RO-72-11941

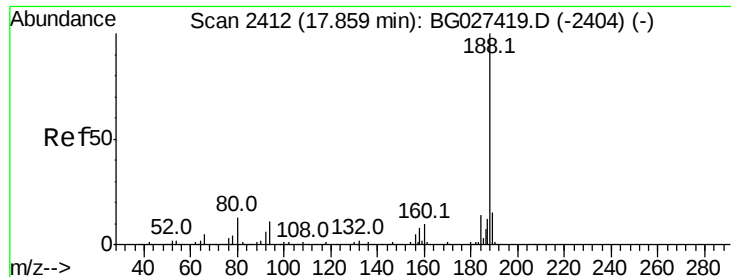
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	33.7	32.1	48.1



#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

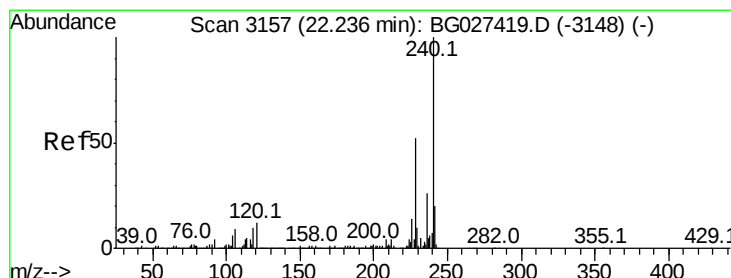
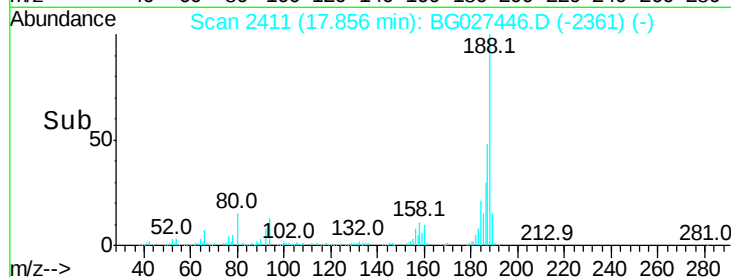
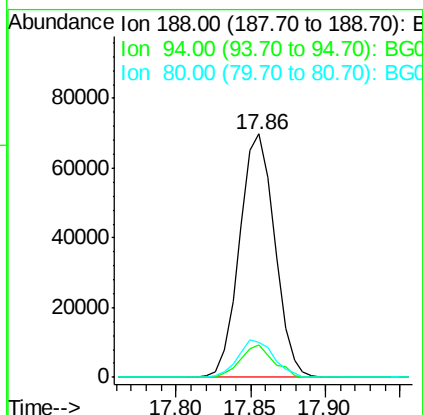
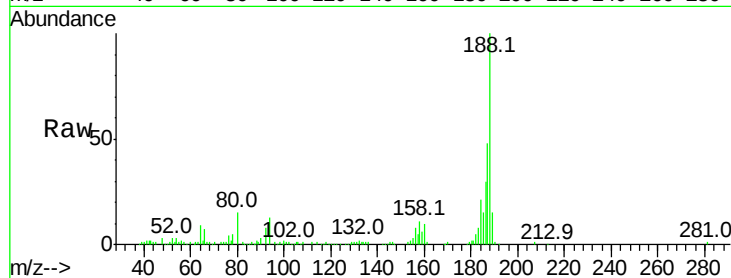




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.86 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG027446.D
Acq: 15 Jun 2017 10:58

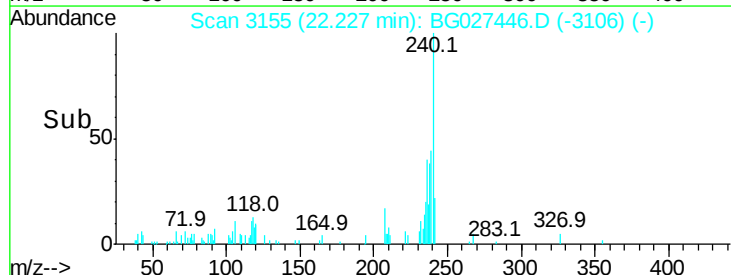
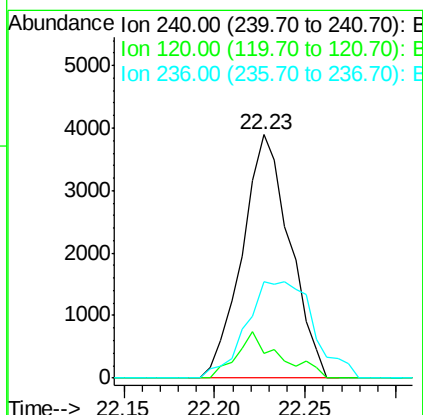
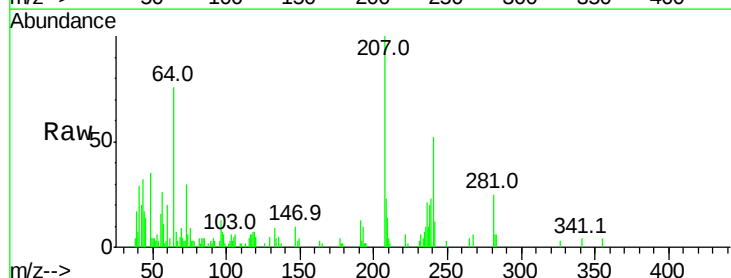
Instrument :
BNA_G
ClientSampleId :
RO-72-11941

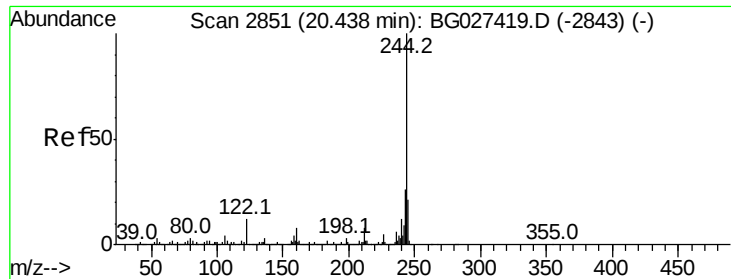
Tot Ion:188 Resp: 113976
Ion Ratio Lower Upper
188 100
94 13.4 5.8 8.8#
80 14.5 7.5 11.3#



#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

Tgt Ion:240 Resp: 7123
Ion Ratio Lower Upper
240 100
120 9.9 5.7 8.5#
236 39.6 22.2 33.4#





#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 :

RO-72-11941

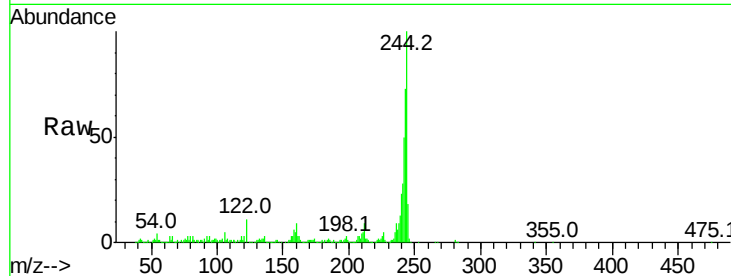
Tot Ion: 244 Resp: 331796

Ion Ratio Lower Upper

244 100

212 8.8 10.0 15.0#

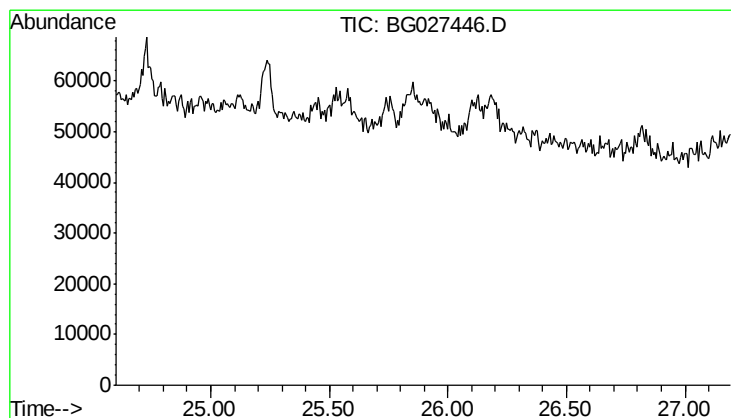
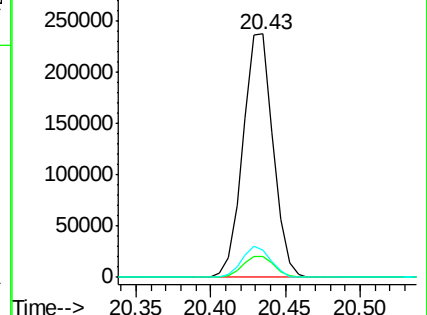
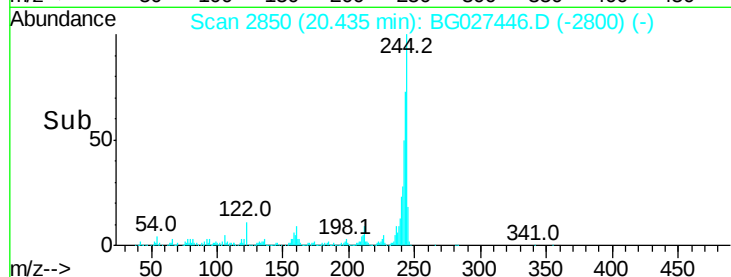
122 11.1 8.6 12.8



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



#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

