

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027691.D
 Acq On : 27 Jun 2017 1:43
 Operator : SJ/JU
 Sample : I3904-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 02:20:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

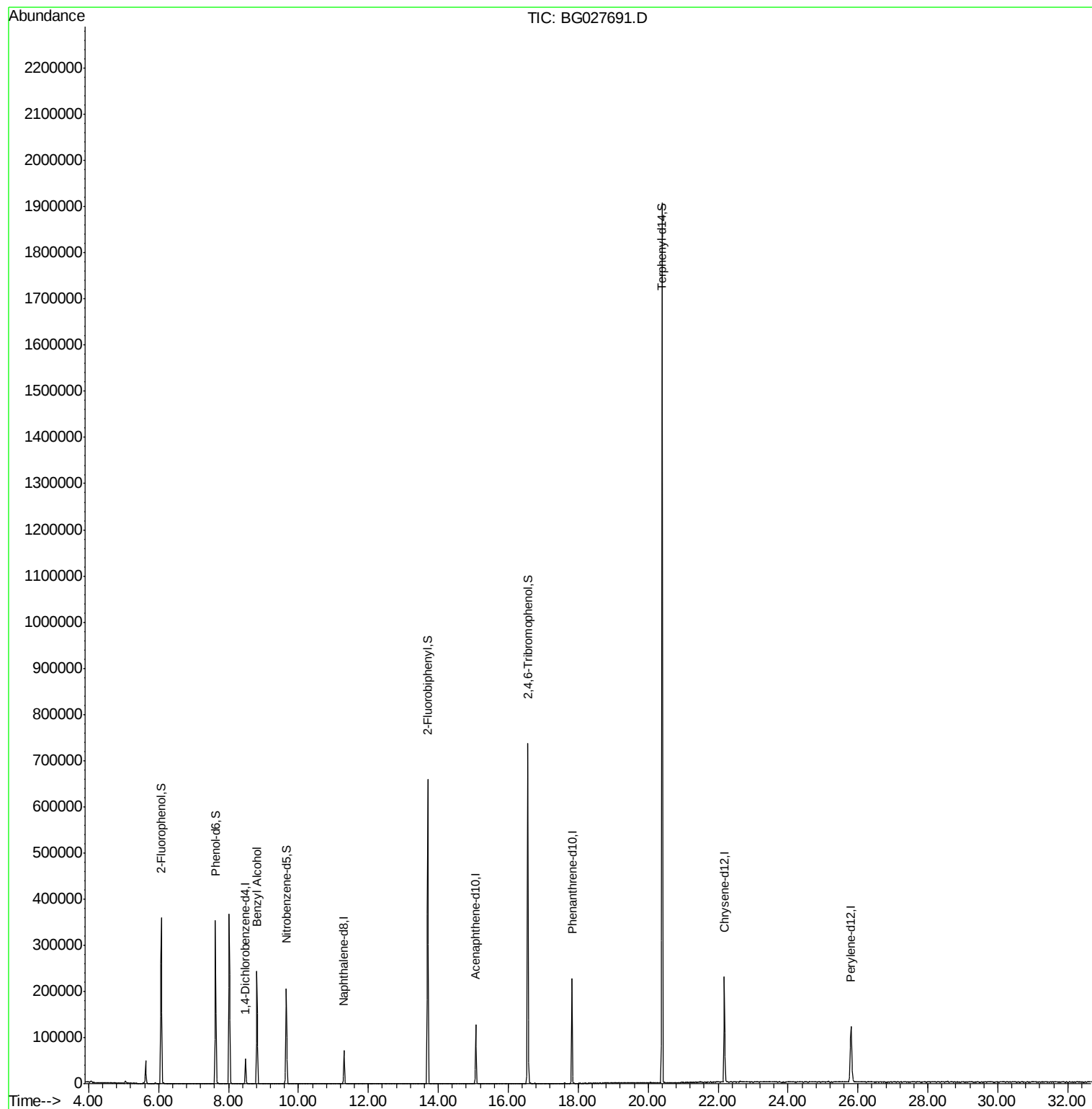
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	13943	20.00	ng	-0.02
21) Naphthalene-d8	11.31	136	60495	20.00	ng	-0.02
38) Acenaphthene-d10	15.07	164	42643	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	138647	20.00	ng	-0.02
75) Chrysene-d12	22.18	240	159694	20.00	ng	-0.03
86) Perylene-d12	25.80	264	154422	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	144208	147.20	ng	-0.01
7) Phenol-d6	7.63	99	191308	131.91	ng	-0.02
23) Nitrobenzene-d5	9.65	82	129188	101.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	140099	220.37	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	317180	101.60	ng	-0.02
78) Terphenyl-d14	20.40	244	797684	117.69	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.81	79	2523	2.18	ng	Qvalue # 57

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.49 min Scan# 783

Delta R.T. -0.02 min

Lab File: BG027691.D

Acq: 27 Jun 2017 1:43

Instrument :

BNA_G

ClientSampled :

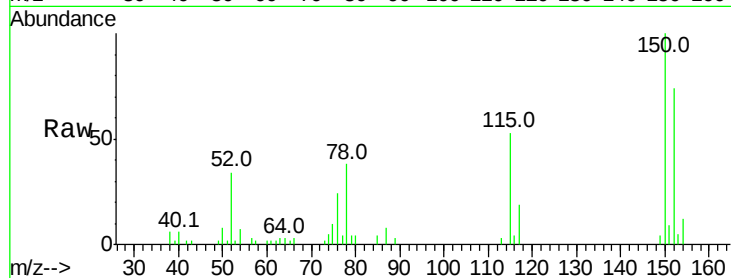
Tot Ion:152 Resp: 13943

Ion Ratio Lower Upper

152 100

150 134.2 114.0 171.0

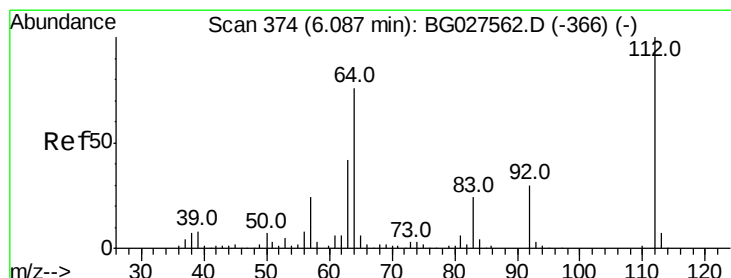
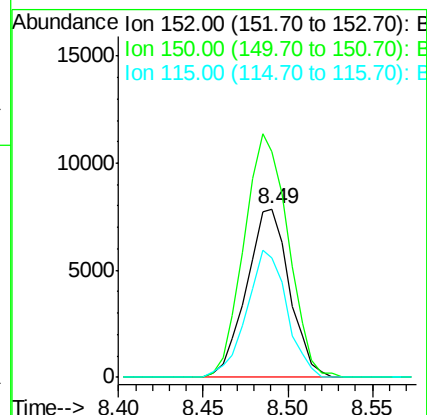
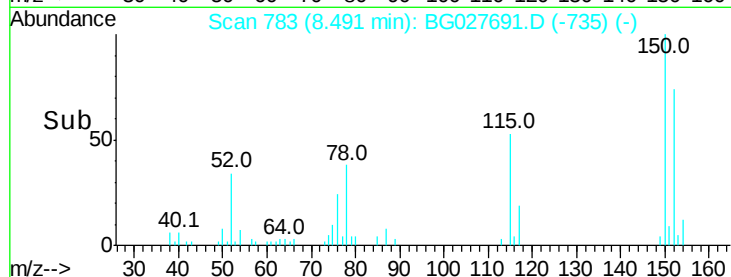
115 71.2 48.1 72.1



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



#5

2-Fluorophenol

Concen: 147.20 ng

RT: 6.08 min Scan# 372

Delta R.T. -0.01 min

Lab File: BG027691.D

Acq: 27 Jun 2017 1:43

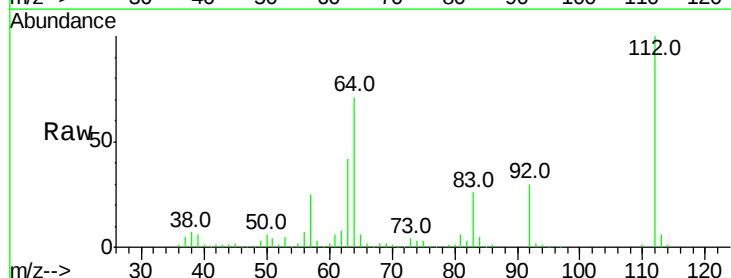
Tgt Ion:112 Resp: 144208

Ion Ratio Lower Upper

112 100

64 71.1 61.8 92.6

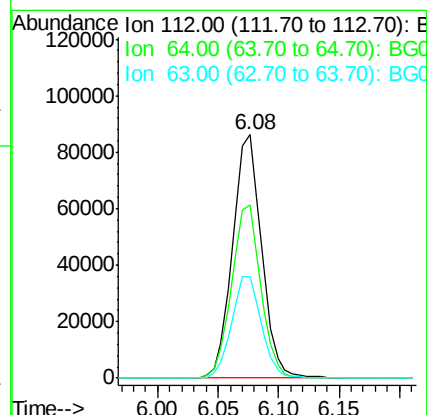
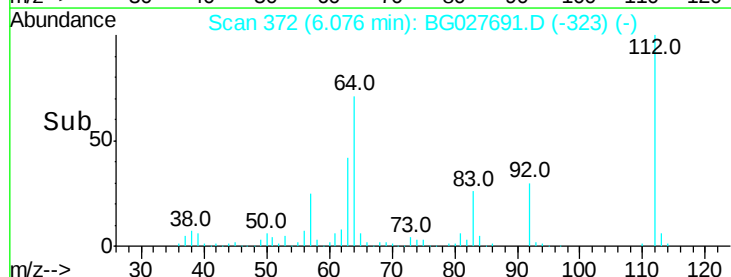
63 41.5 37.2 55.8

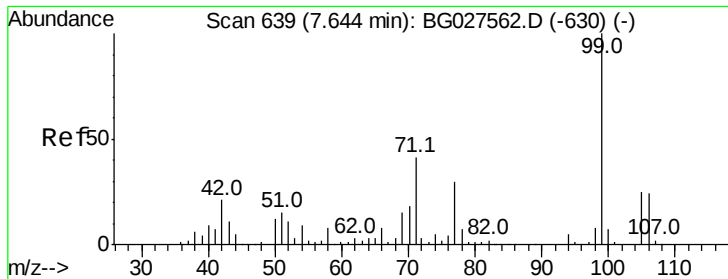


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.91 ng

RT: 7.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BG027691.D

Acq: 27 Jun 2017 1:43

Instrument :

BNA_G

ClientSampled :

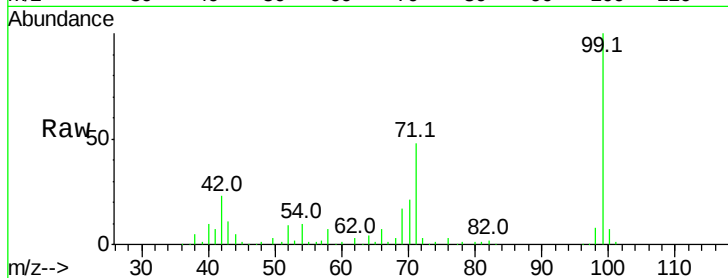
Tot Ion: 99 Resp: 191308

Ion Ratio Lower Upper

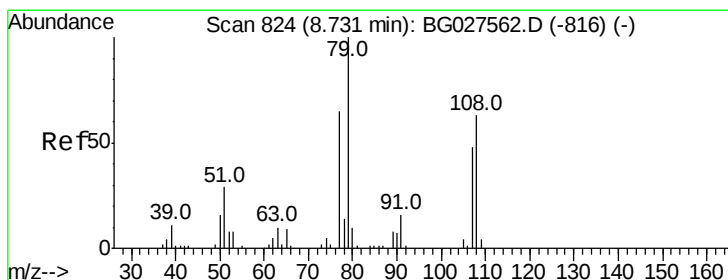
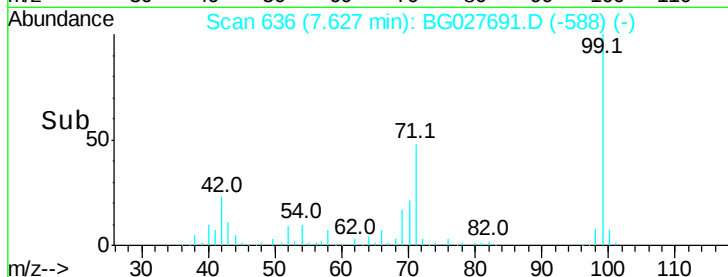
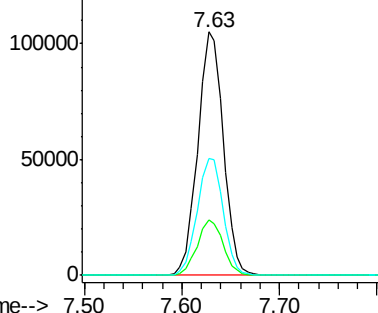
99 100

42 23.0 20.5 30.7

71 48.1 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



#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 8.81 min Scan# 838

Delta R.T. 0.08 min

Lab File: BG027691.D

Acq: 27 Jun 2017 1:43

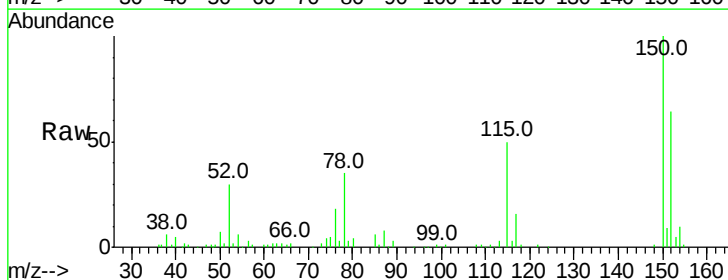
Tgt Ion: 79 Resp: 2523

Ion Ratio Lower Upper

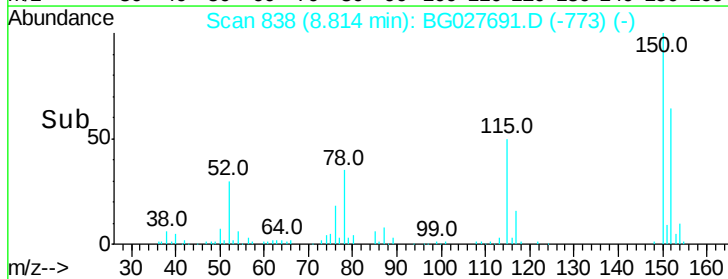
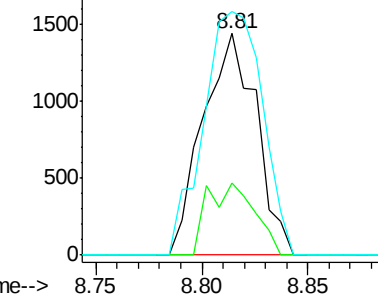
79 100

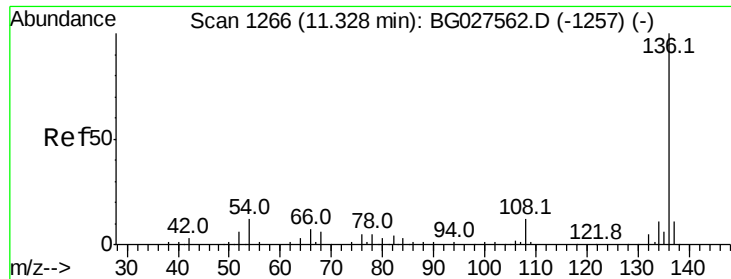
108 32.8 45.5 68.3#

77 109.9 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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.31 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BG027691.D

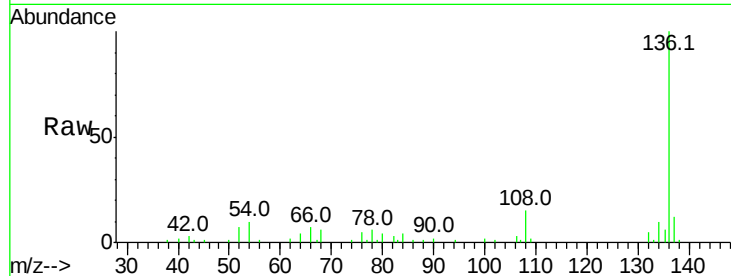
Acq: 27 Jun 2017 1:43

Instrument :

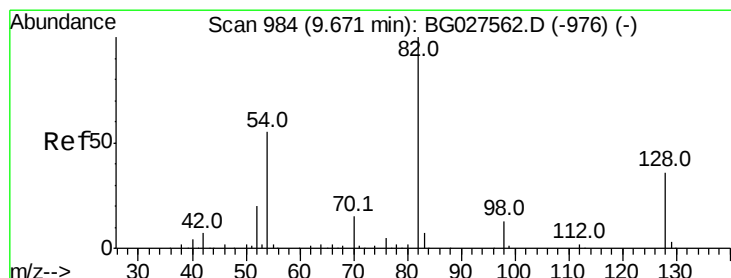
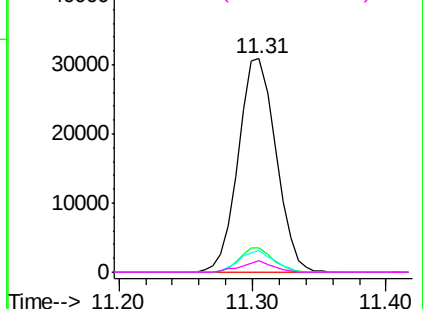
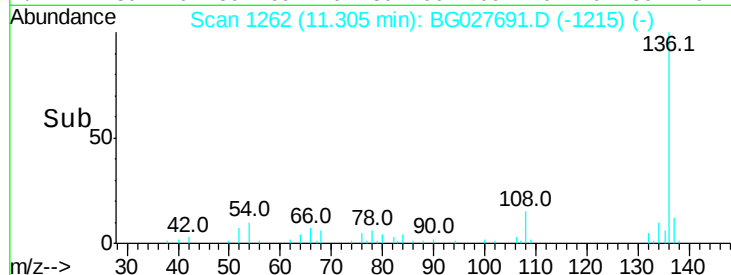
BNA_G

ClientSampleId :

Tot Ion:	136	Resp:	60495
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.2	9.3	13.9
68	5.6	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: 101.05 ng

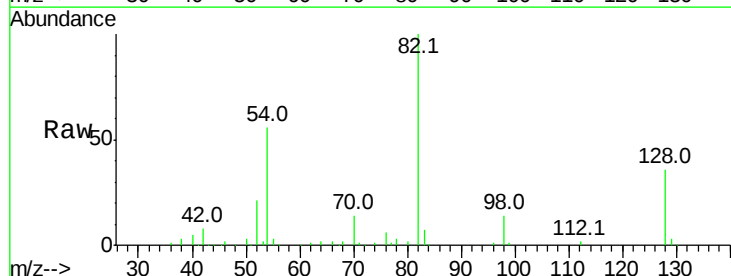
RT: 9.65 min Scan# 980

Delta R.T. -0.02 min

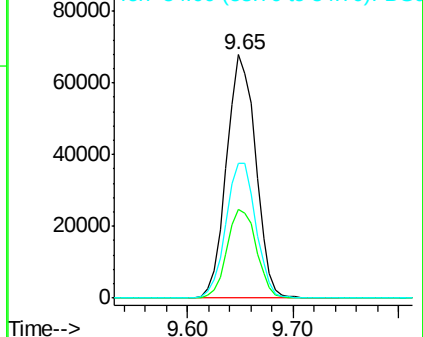
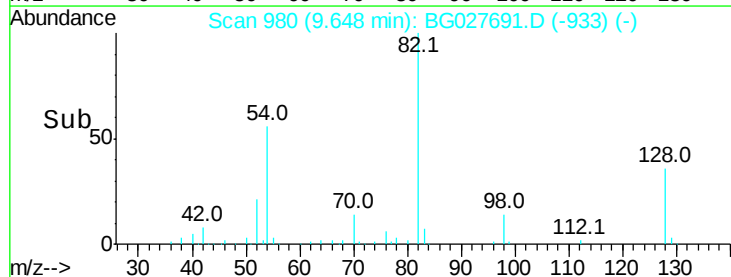
Lab File: BG027691.D

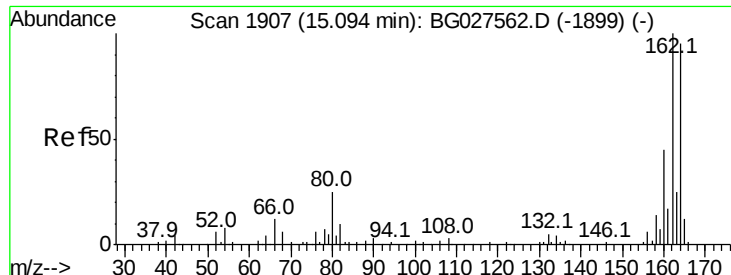
Acq: 27 Jun 2017 1:43

Tgt Ion:	82	Resp:	129188
Ion	Ratio	Lower	Upper
82	100		
128	36.4	26.4	39.6
54	55.5	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: 15.07 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BG027691.D

Acq: 27 Jun 2017 1:43

Instrument :

BNA_G

ClientSampleId :

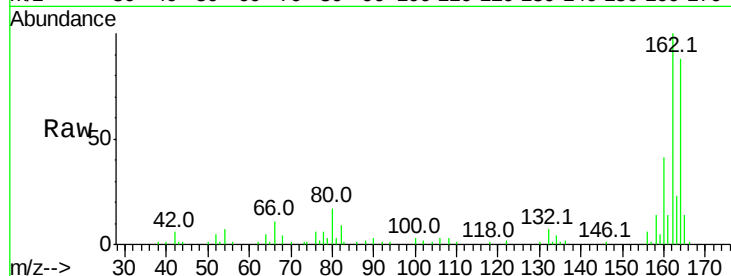
Tot Ion:164 Resp: 42643

Ion Ratio Lower Upper

164 100

162 113.1 85.1 127.7

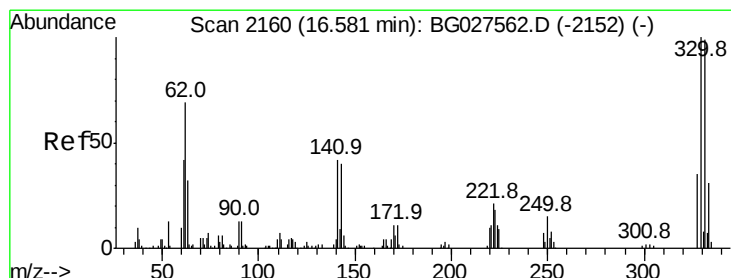
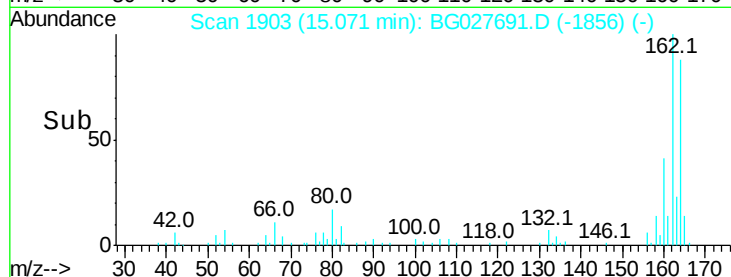
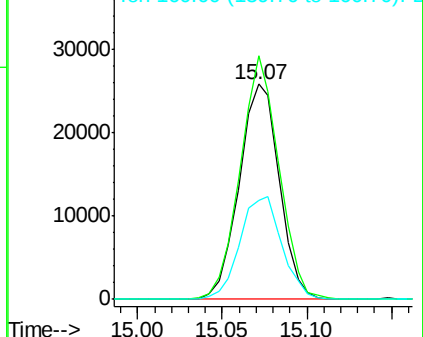
160 46.0 34.7 52.1



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: 220.37 ng

RT: 16.56 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BG027691.D

Acq: 27 Jun 2017 1:43

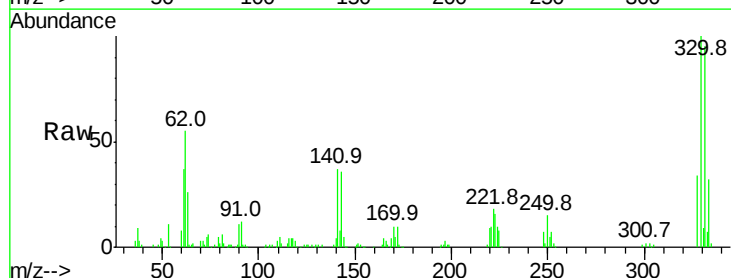
Tgt Ion:330 Resp: 140099

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

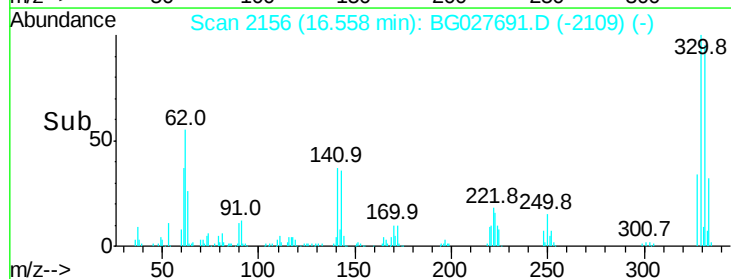
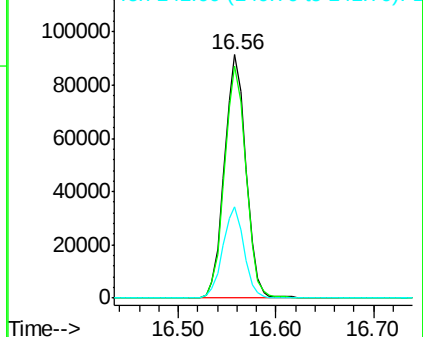
141 36.8 32.1 48.1

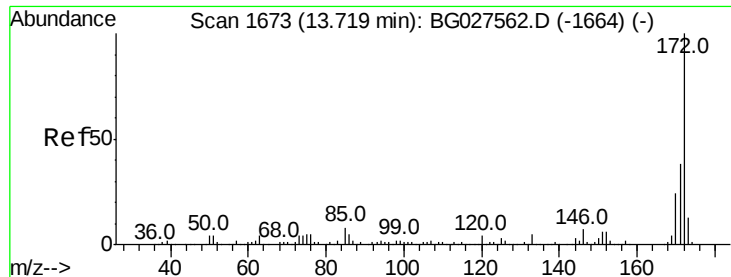


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

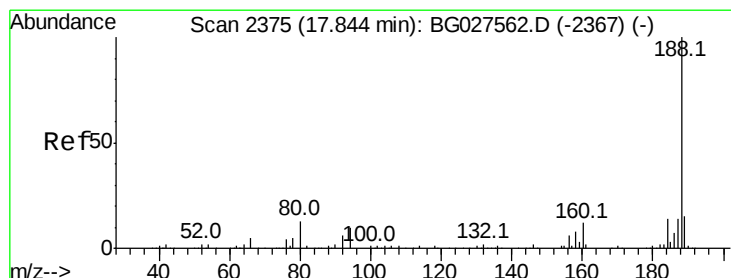
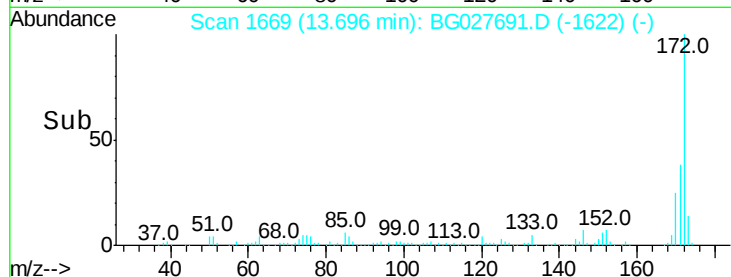
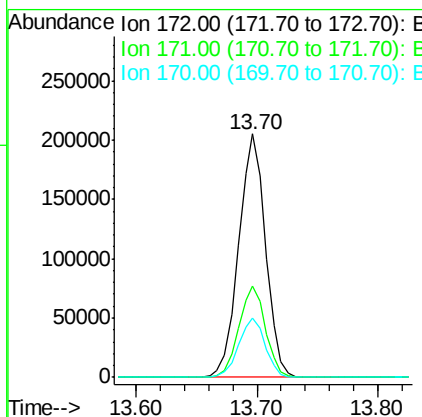
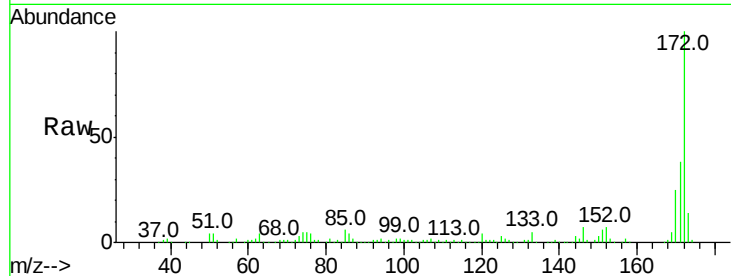




#44
 2-Fluorobiphenyl
 Concen: 101.60 ng
 RT: 13.70 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG027691.D
 Acq: 27 Jun 2017 1:43

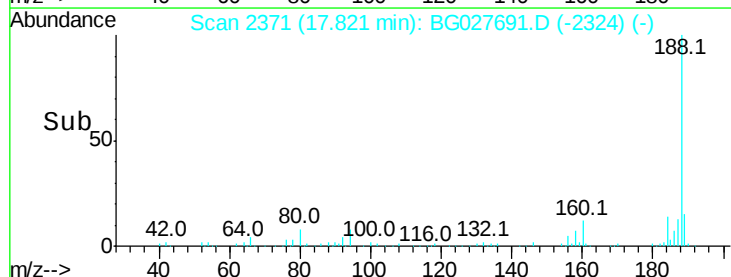
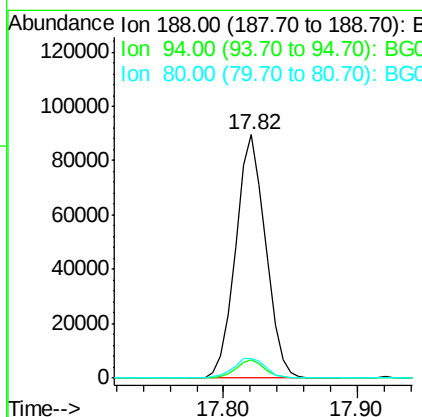
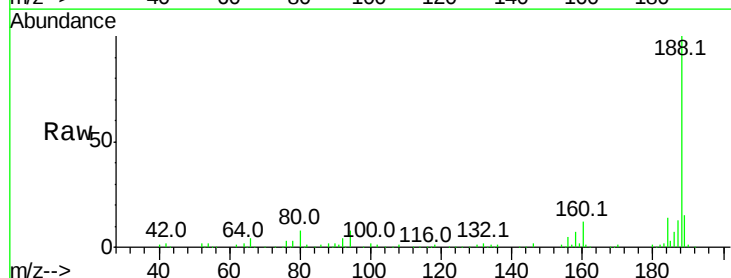
Instrument :
 BNA_G
 ClientSampleId :

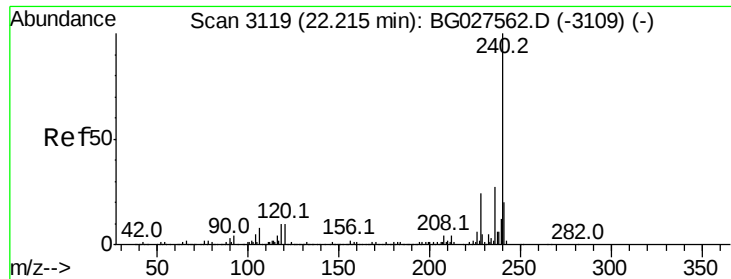
Tot Ion:172 Resp: 317180
 Ion Ratio Lower Upper
 172 100
 171 37.6 32.2 48.2
 170 24.6 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 2371
 Delta R.T. -0.02 min
 Lab File: BG027691.D
 Acq: 27 Jun 2017 1:43

Tgt Ion:188 Resp: 138647
 Ion Ratio Lower Upper
 188 100
 94 7.6 5.8 8.8
 80 7.9 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.18 min Scan# 3113

Delta R.T. -0.03 min

Lab File: BG027691.D

Acq: 27 Jun 2017 1:43

Instrument :

BNA_G

ClientSampleId :

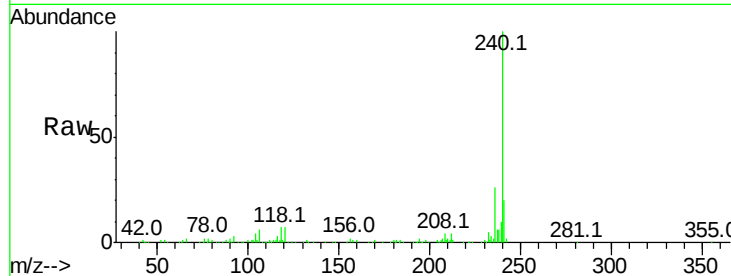
Tot Ion:240 Resp: 159694

Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

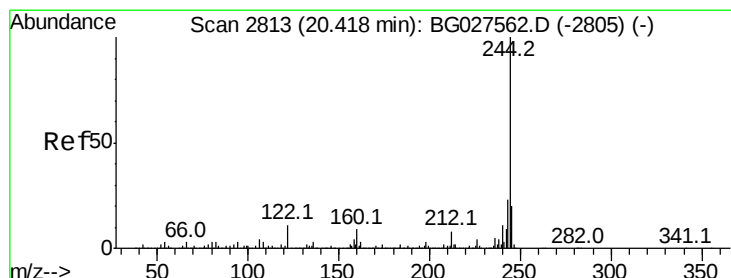
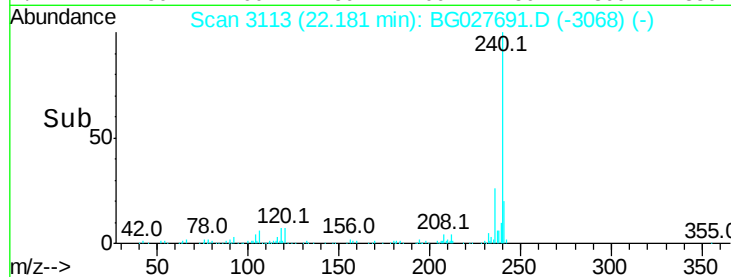
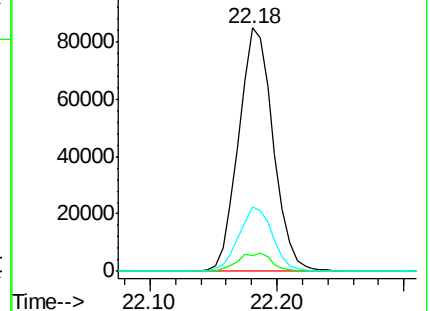
236 26.2 22.2 33.4



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



#78

Terphenyl-d14

Concen: 117.69 ng

RT: 20.40 min Scan# 2810

Delta R.T. -0.02 min

Lab File: BG027691.D

Acq: 27 Jun 2017 1:43

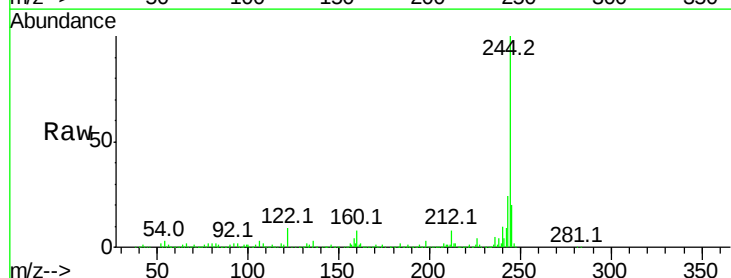
Tgt Ion:244 Resp: 797684

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

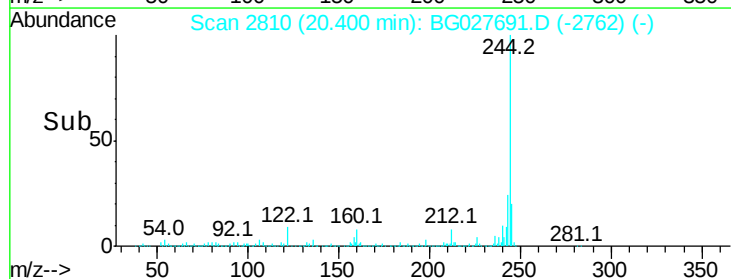
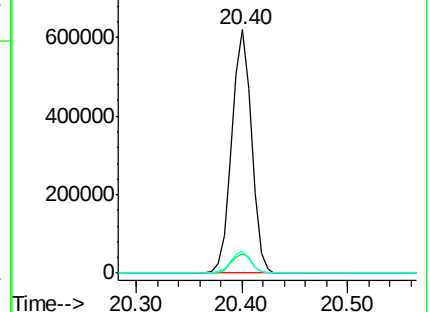
122 8.9 8.6 12.8



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





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.80 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG027691.D
Acq: 27 Jun 2017 1:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	21.7	18.2	27.4

