

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062317\
 Data File : BG027649.D
 Acq On : 24 Jun 2017 3:09
 Operator : SJ/JU
 Sample : I3781-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-14.5-15.0

Quant Time: Jun 24 04:49:21 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

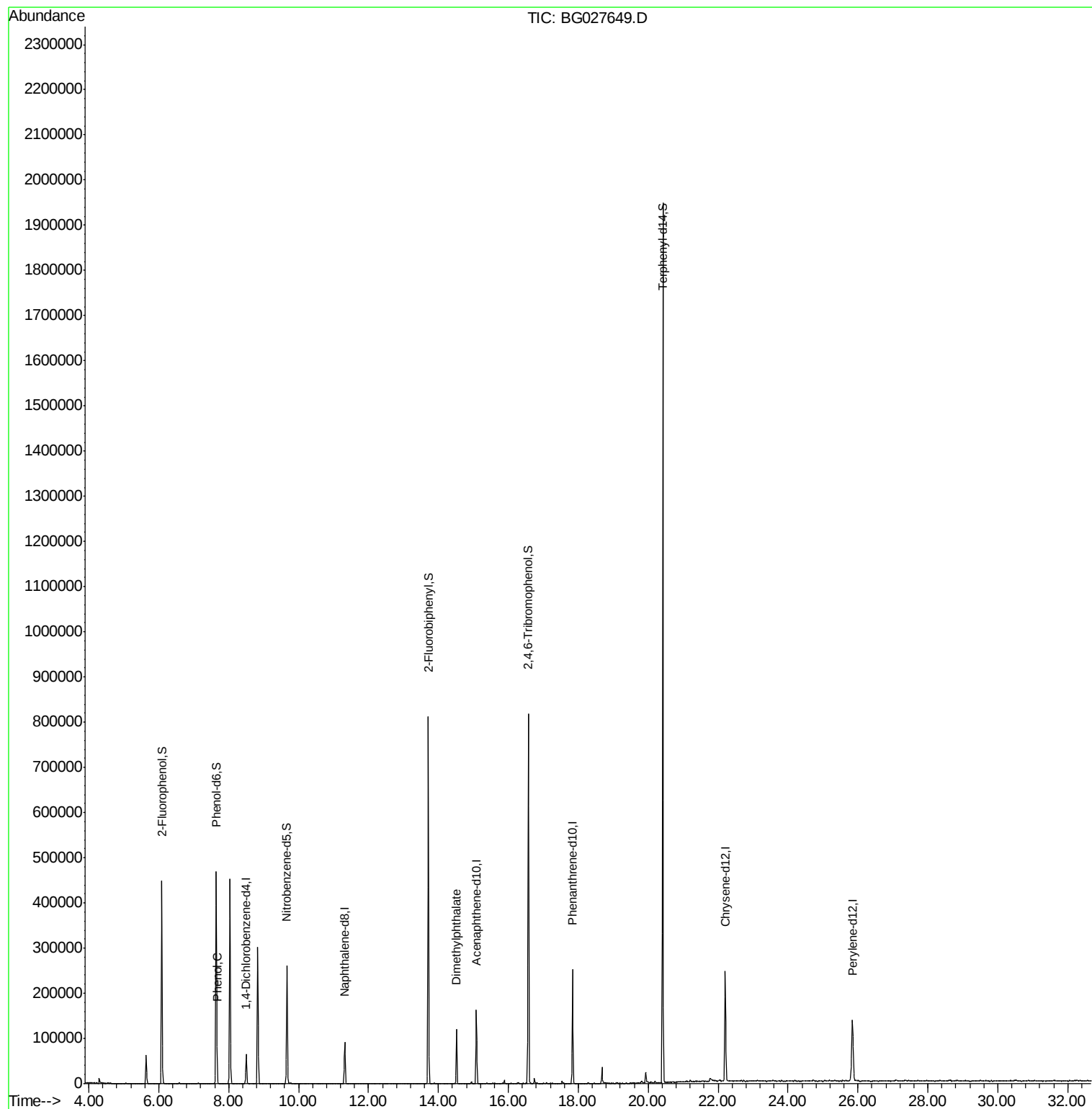
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	16262	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	79027	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	52632	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	154123	20.00	ng	0.00
75) Chrysene-d12	22.21	240	170434	20.00	ng	0.00
86) Perylene-d12	25.84	264	164846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	185058	161.96	ng	0.00
7) Phenol-d6	7.64	99	258124	152.60	ng	0.00
23) Nitrobenzene-d5	9.67	82	164227	98.33	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	153217	195.27	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	397596	103.19	ng	0.00
78) Terphenyl-d14	20.42	244	806096	111.43	ng	0.00
Target Compounds						
10) Phenol	7.67	94	4820	2.80	ng	85
49) Dimethylphthalate	14.52	163	72560	15.75	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.51 min Scan# 786

Delta R.T. -0.00 min

Lab File: BG027649.D

Acq: 24 Jun 2017 3:09

Instrument :

BNA_G

ClientSampleId :

SB-01-14.5-15.0

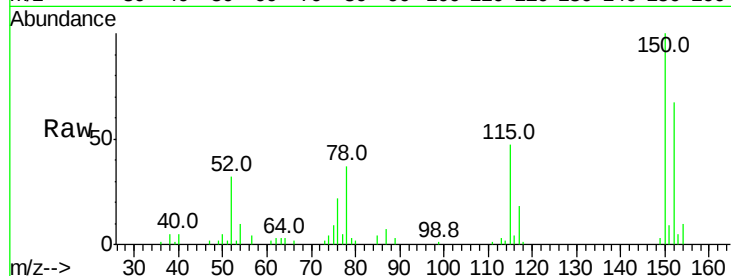
Tot Ion:152 Resp: 16262

Ion Ratio Lower Upper

152 100

150 150.0 114.0 171.0

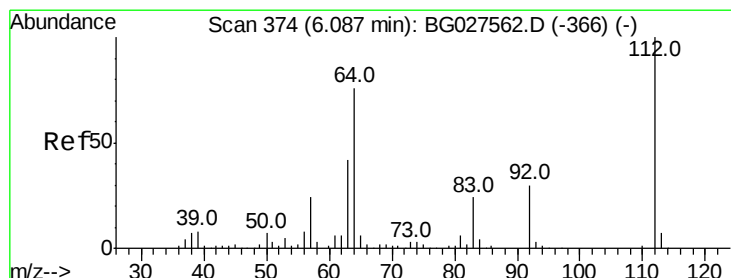
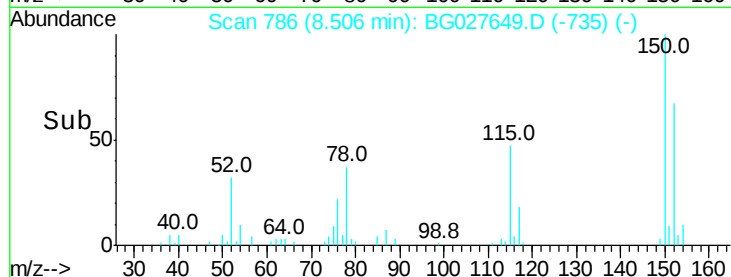
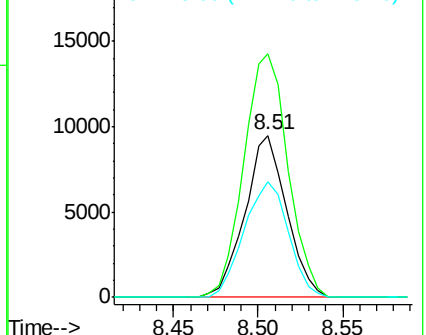
115 71.2 48.1 72.1



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: 161.96 ng

RT: 6.09 min Scan# 375

Delta R.T. 0.00 min

Lab File: BG027649.D

Acq: 24 Jun 2017 3:09

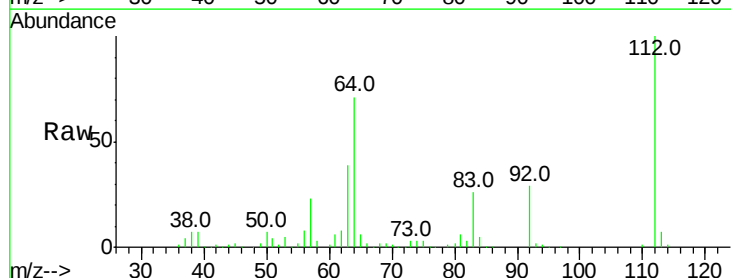
Tgt Ion:112 Resp: 185058

Ion Ratio Lower Upper

112 100

64 71.0 61.8 92.6

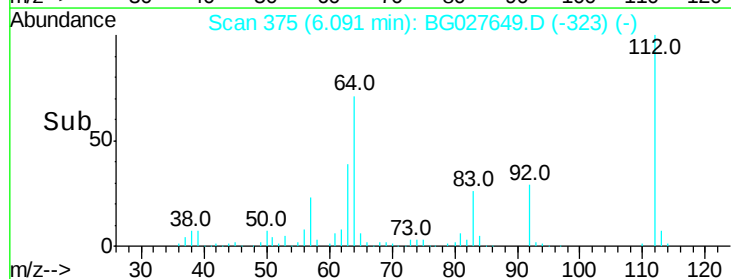
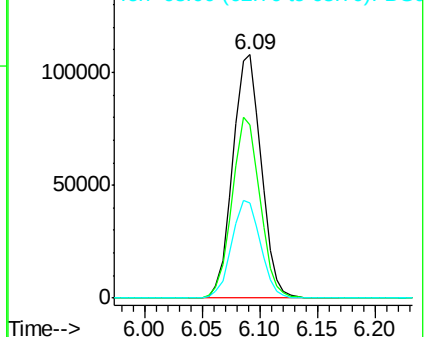
63 38.9 37.2 55.8

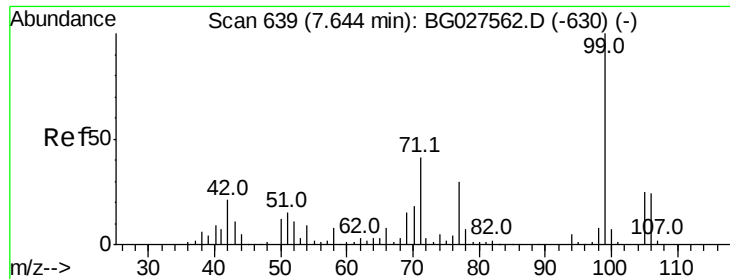


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 152.60 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027649.D

Acq: 24 Jun 2017 3:09

Instrument :

BNA_G

ClientSampleId :

SB-01-14.5-15.0

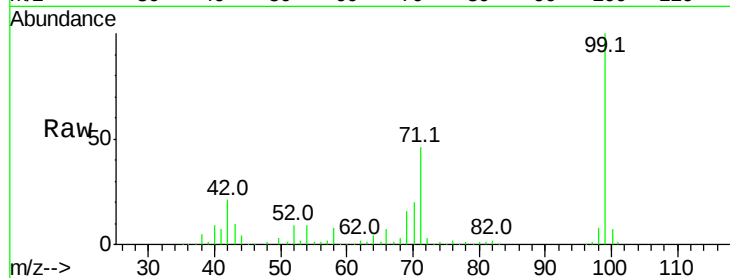
Tot Ion: 99 Resp: 258124

Ion Ratio Lower Upper

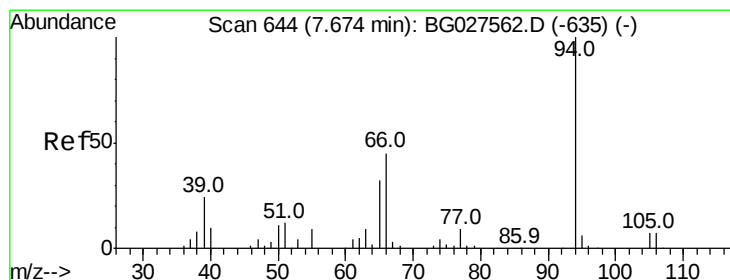
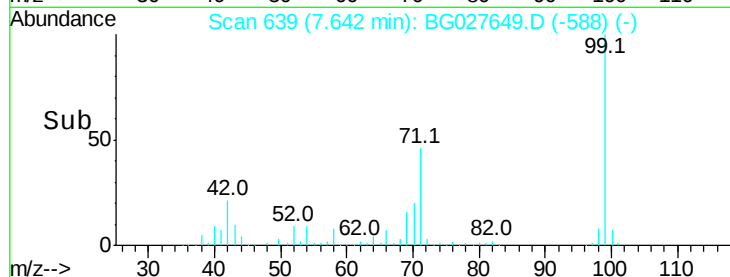
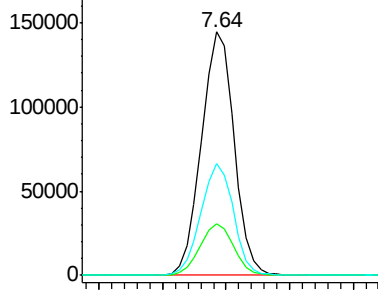
99 100

42 21.4 20.5 30.7

71 45.7 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



#10

Phenol

Concen: 2.80 ng

RT: 7.67 min Scan# 644

Delta R.T. -0.00 min

Lab File: BG027649.D

Acq: 24 Jun 2017 3:09

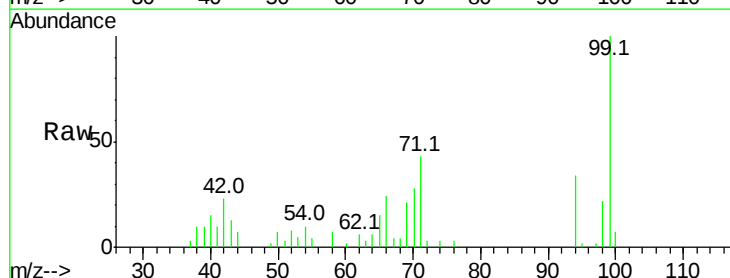
Tgt Ion: 94 Resp: 4820

Ion Ratio Lower Upper

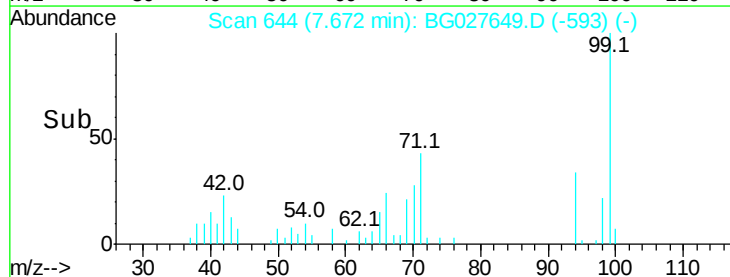
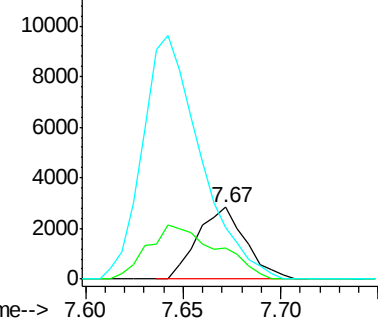
94 100

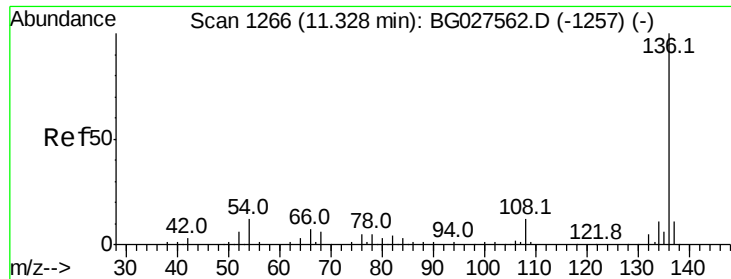
65 43.6 20.6 60.6

66 71.4 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

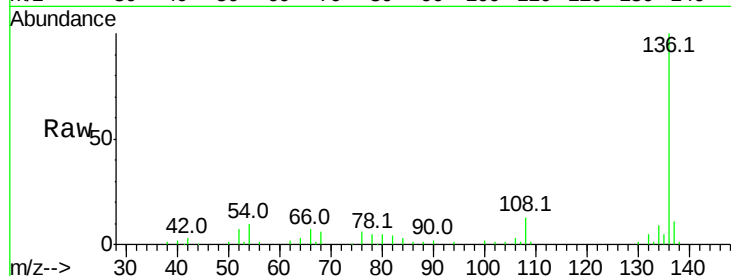




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027649.D
Acq: 24 Jun 2017 3:09

Instrument :
BNA_G
ClientSampleId :
SB-01-14.5-15.0

Tot Ion:	136	Resp:	79027
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.8	9.3	13.9
68	6.5	5.1	7.7



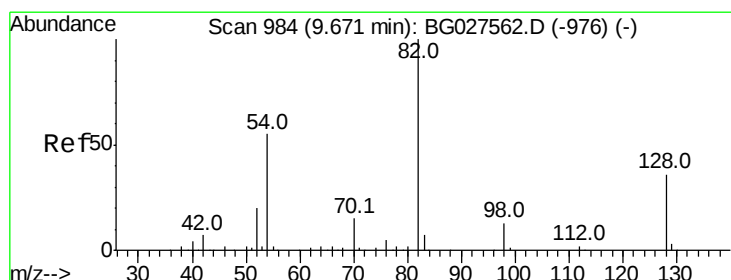
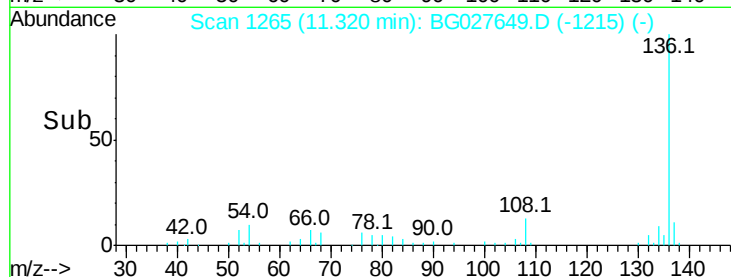
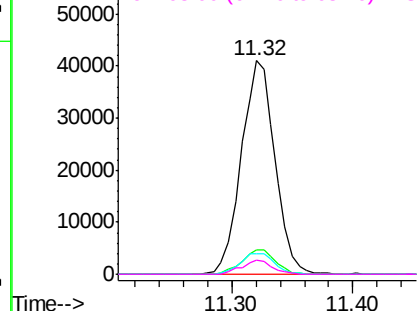
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

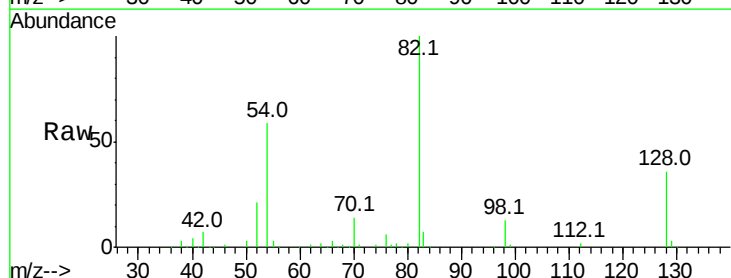
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 98.33 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027649.D
Acq: 24 Jun 2017 3:09

Tgt Ion:	82	Resp:	164227
Ion	Ratio	Lower	Upper
82	100		
128	36.0	26.4	39.6
54	58.9	49.4	74.2

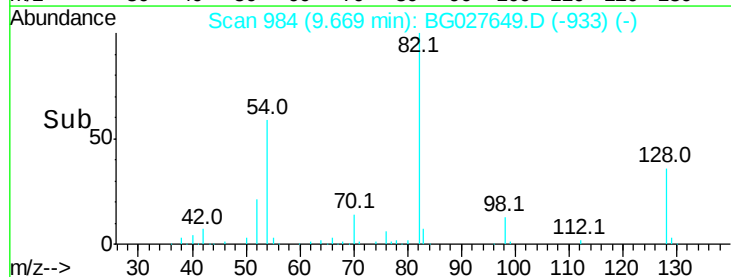
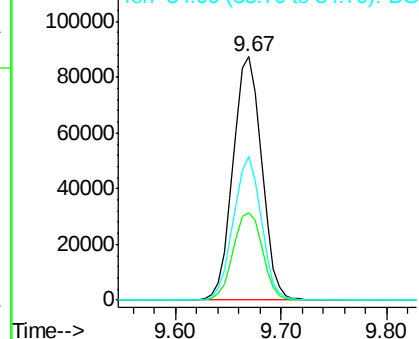


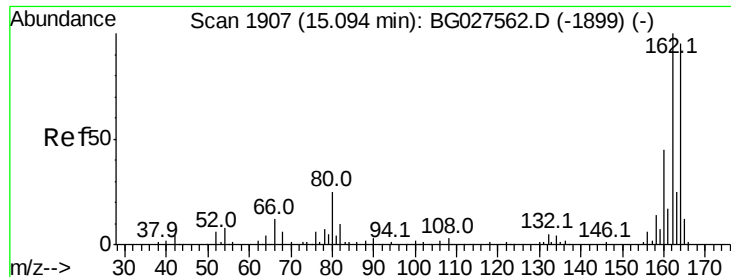
Abundance

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: 15.09 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG027649.D

Acq: 24 Jun 2017 3:09

Instrument :

BNA_G

ClientSampleId :

SB-01-14.5-15.0

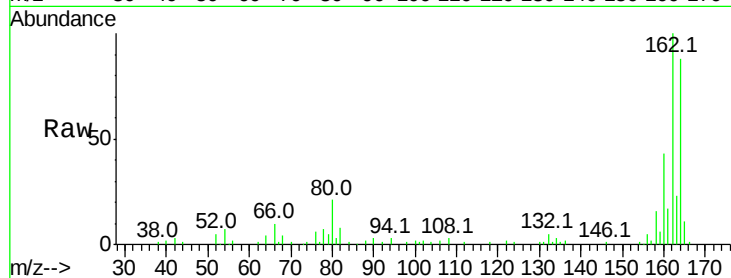
Tot Ion:164 Resp: 52632

Ion Ratio Lower Upper

164 100

162 113.8 85.1 127.7

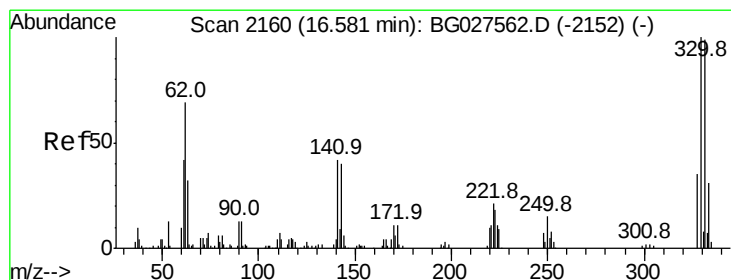
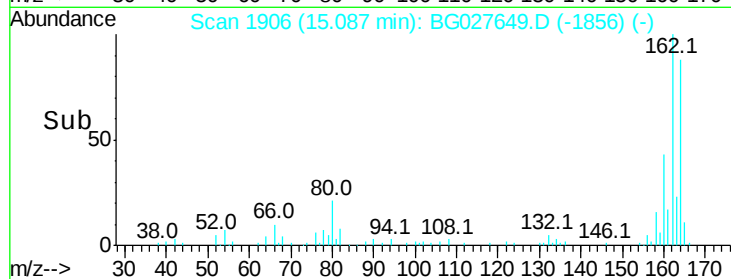
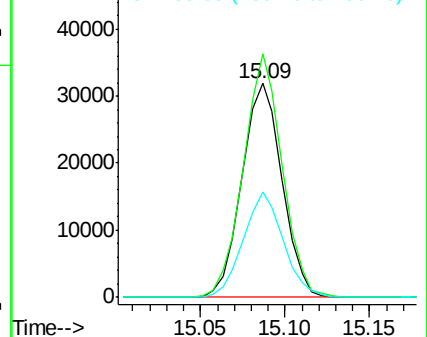
160 49.4 34.7 52.1



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: 195.27 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027649.D

Acq: 24 Jun 2017 3:09

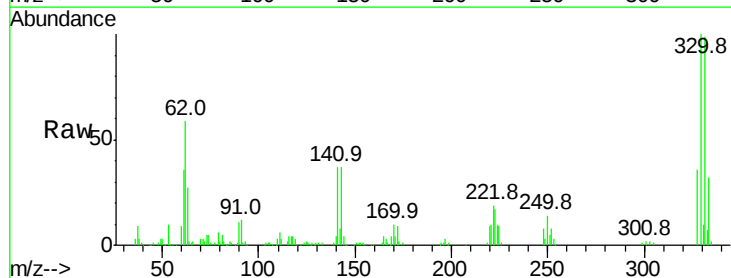
Tgt Ion:330 Resp: 153217

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

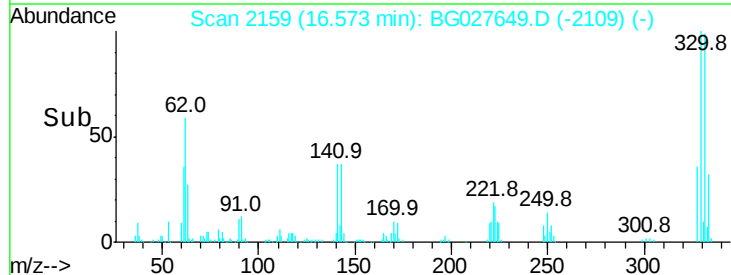
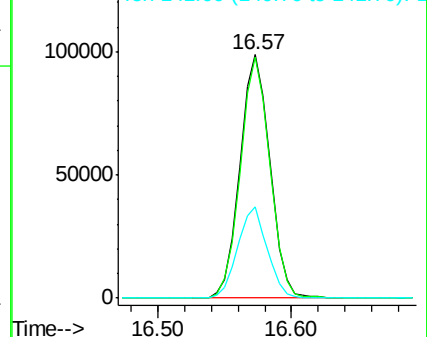
141 37.3 32.1 48.1

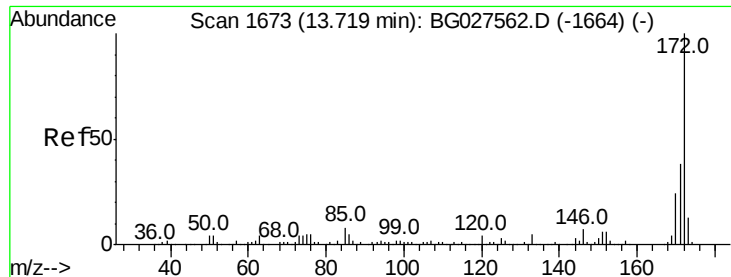


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

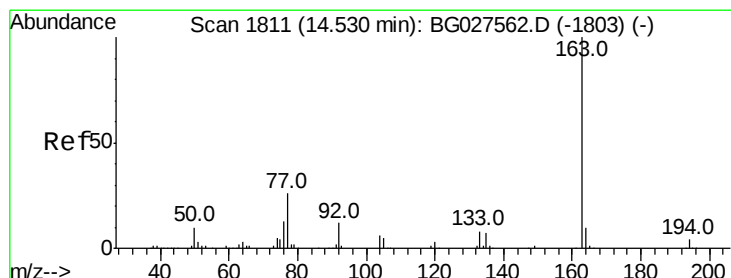
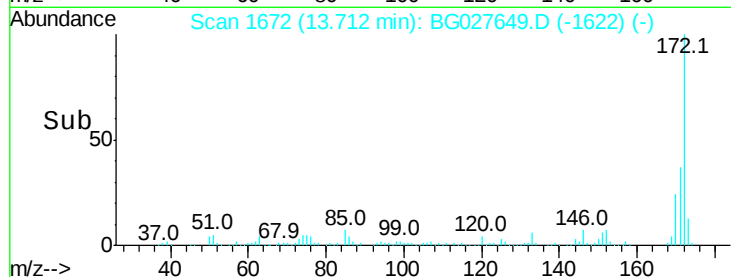
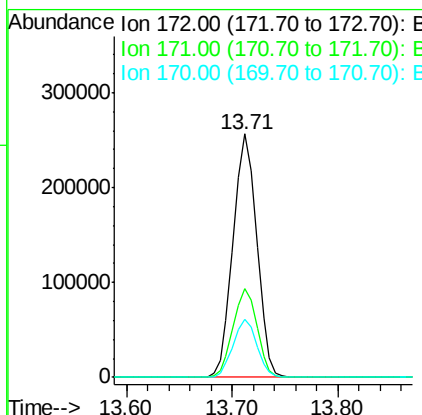
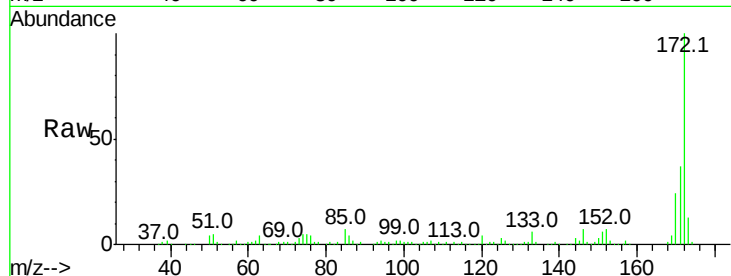




#44
2-Fluorobiphenyl
Concen: 103.19 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG027649.D
Acq: 24 Jun 2017 3:09

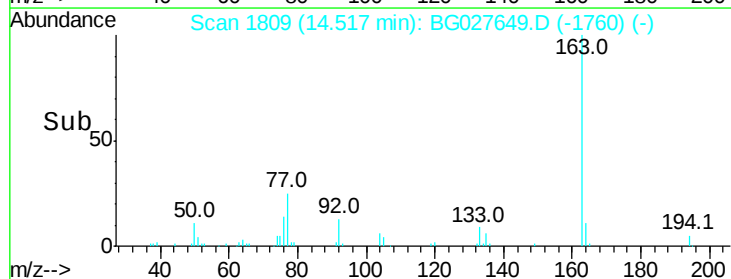
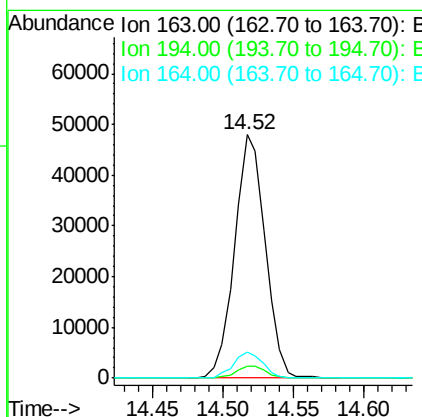
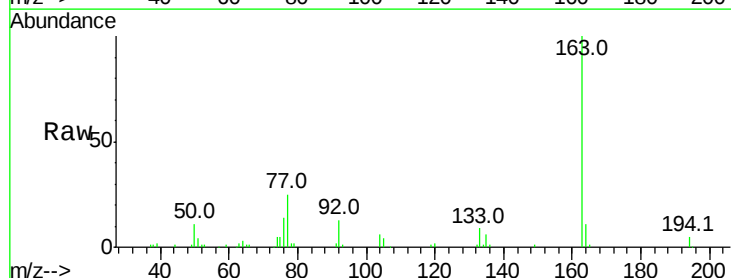
Instrument :
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ClientSampleId :
SB-01-14.5-15.0

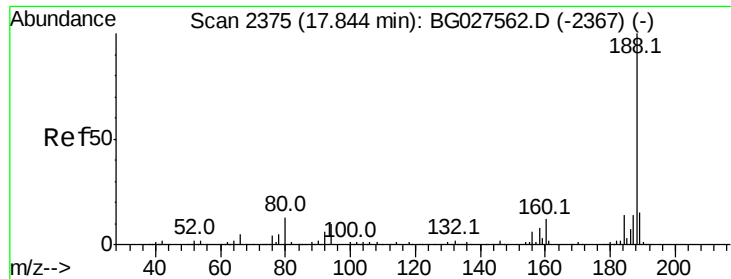
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	32.2	48.2
170	23.7	21.8	32.6



#49
Dimethylphthalate
Concen: 15.75 ng
RT: 14.52 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG027649.D
Acq: 24 Jun 2017 3:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.6
164	10.6	9.3	13.9

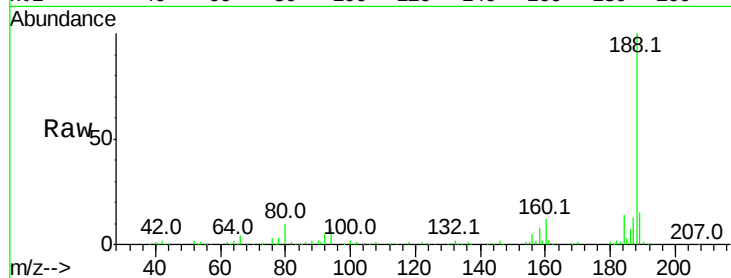




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027649.D
Acq: 24 Jun 2017 3:09

Instrument :
BNA_G
ClientSampleId :
SB-01-14.5-15.0

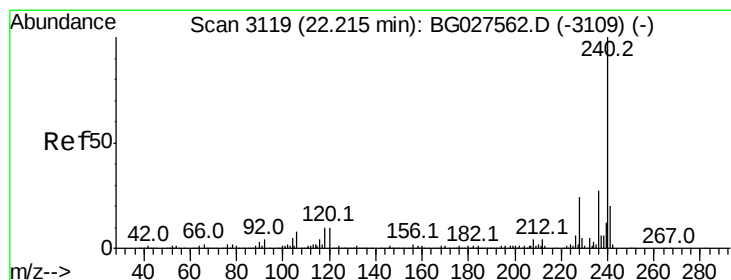
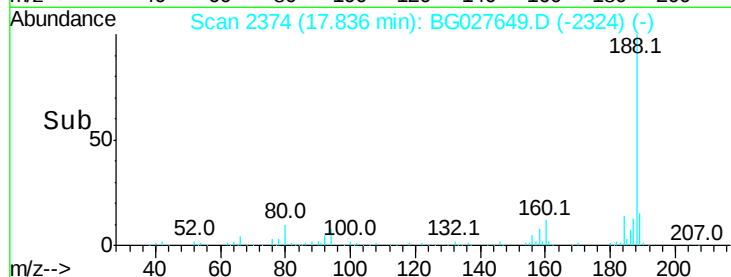
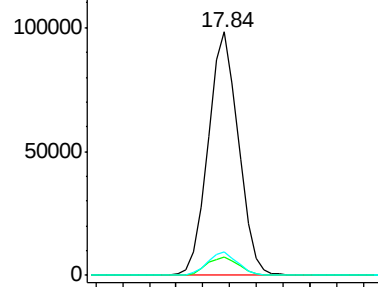
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.8	8.8
80	9.9	7.5	11.3



Abundance Ion 188.00 (187.70 to 188.70): E

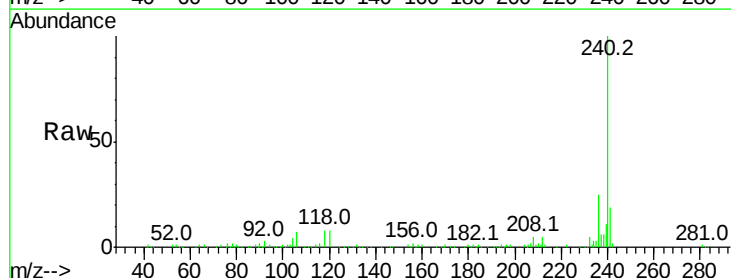
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.21 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG027649.D
Acq: 24 Jun 2017 3:09

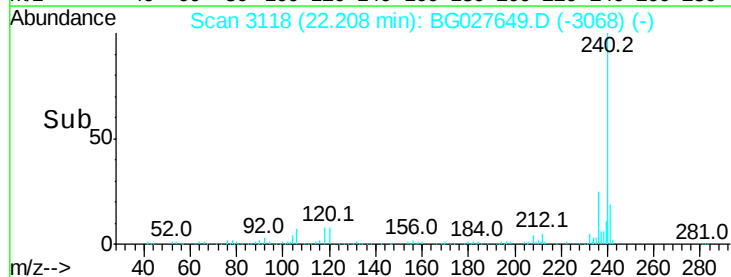
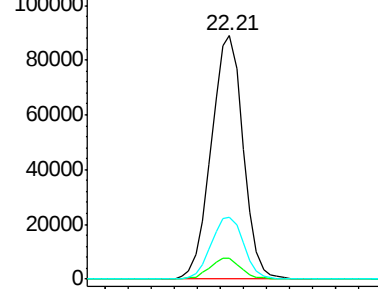
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	5.7	8.5
236	25.2	22.2	33.4

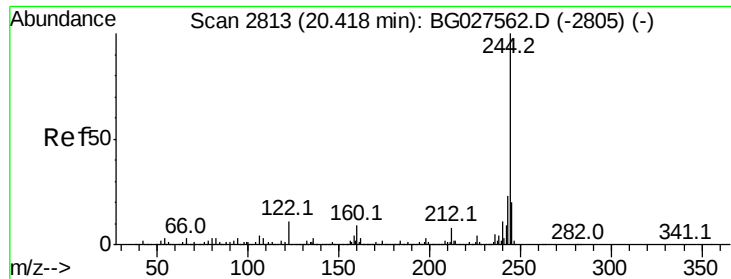


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

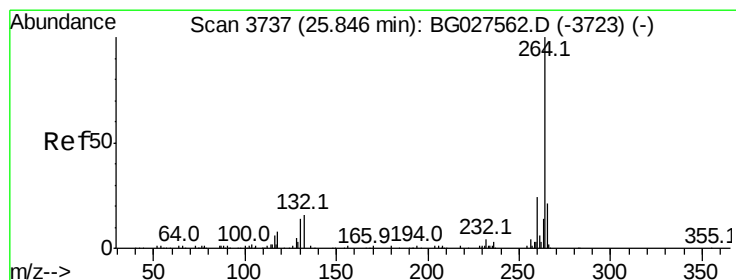
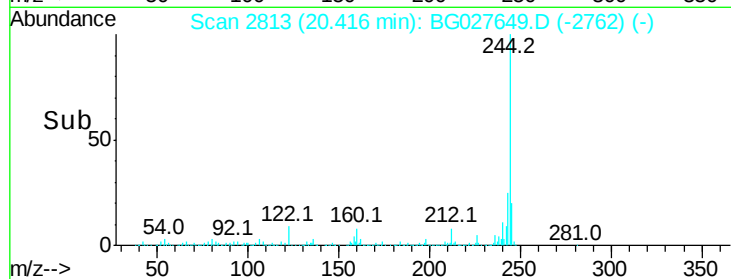
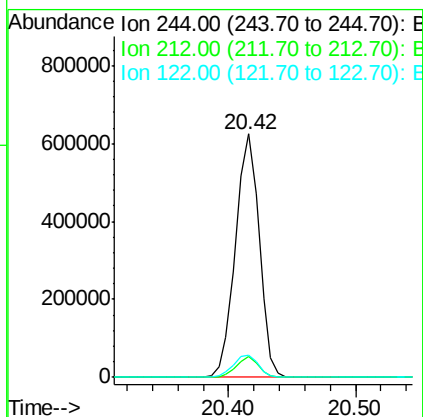
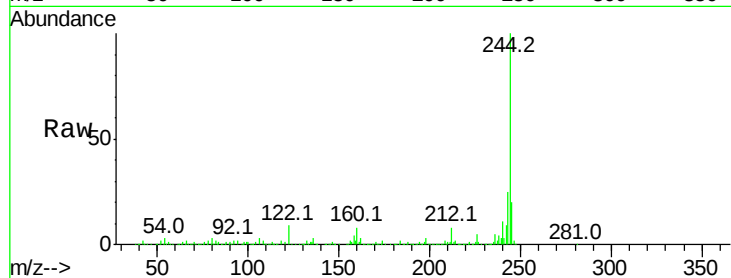




#78
 Terphenyl-d14
 Concen: 111.43 ng
 RT: 20.42 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BG027649.D
 Acq: 24 Jun 2017 3:09

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-14.5-15.0

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	10.0	15.0#
122	9.0	8.6	12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3736
 Delta R.T. -0.01 min
 Lab File: BG027649.D
 Acq: 24 Jun 2017 3:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	20.6	18.2	27.4

