

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027603.D
 Acq On : 22 Jun 2017 19:34
 Operator : SJ/JU
 Sample : I3799-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 02:10:09 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

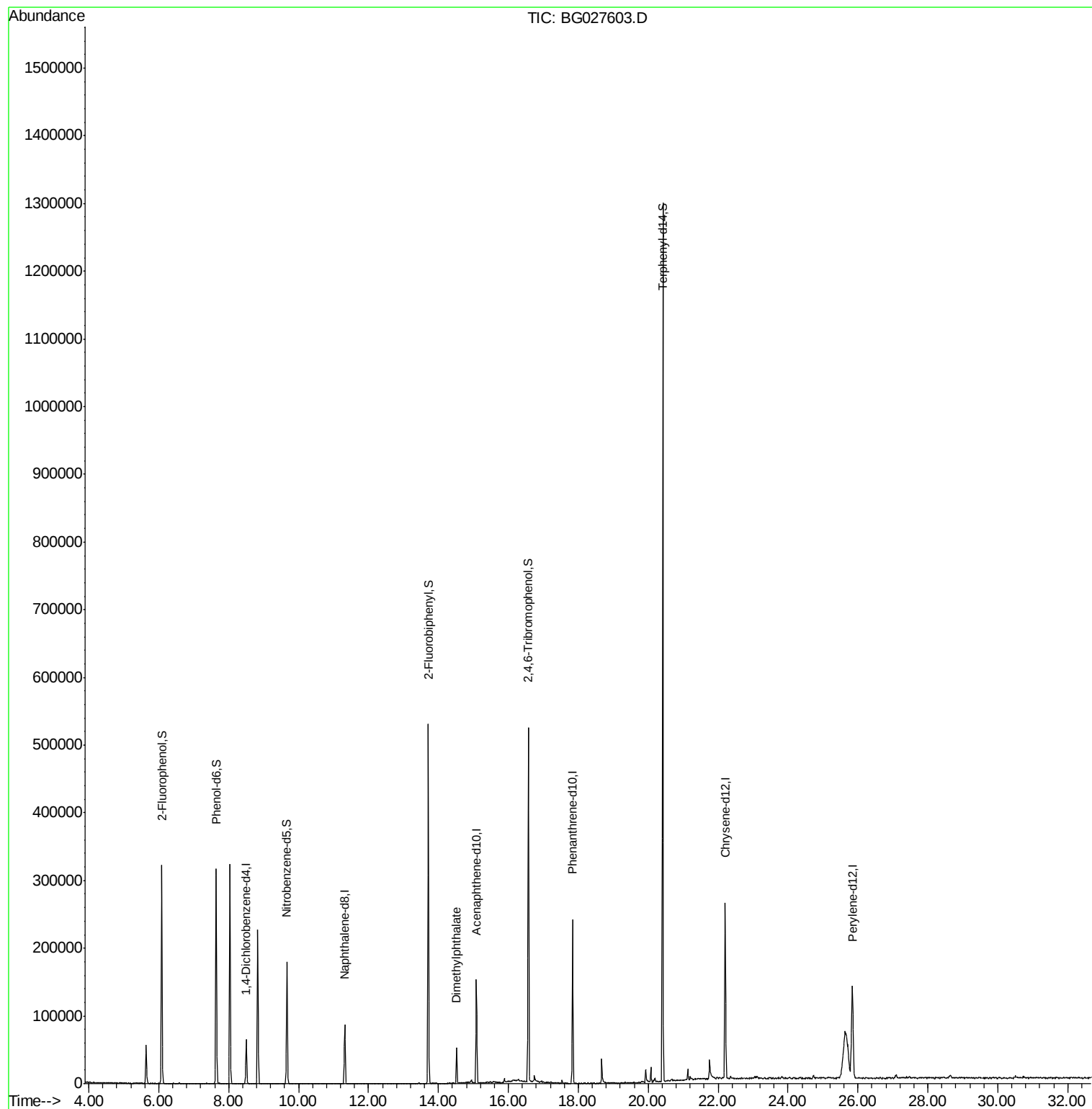
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	17192	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	76946	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	50408	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	151077	20.00	ng	0.00
75) Chrysene-d12	22.20	240	171396	20.00	ng	-0.01
86) Perylene-d12	25.84	264	166163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	135201	111.92	ng	0.00
7) Phenol-d6	7.64	99	183555	102.64	ng	0.00
23) Nitrobenzene-d5	9.67	82	117067	71.99	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	96539	128.46	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	265468	71.94	ng	0.00
78) Terphenyl-d14	20.42	244	584585	80.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.52	163	33944	7.69	ng	Qvalue # 94

(#) = 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: BG027603.D

Acq: 22 Jun 2017 19:34

Instrument :

BNA_G

ClientSampleId :

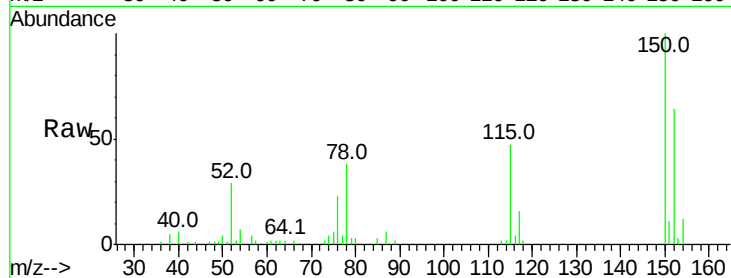
Tot Ion:152 Resp: 17192

Ion Ratio Lower Upper

152 100

150 156.3 114.0 171.0

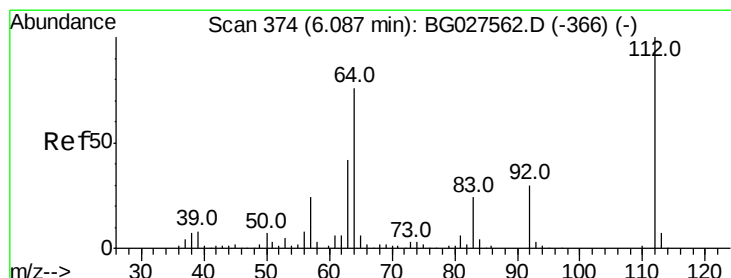
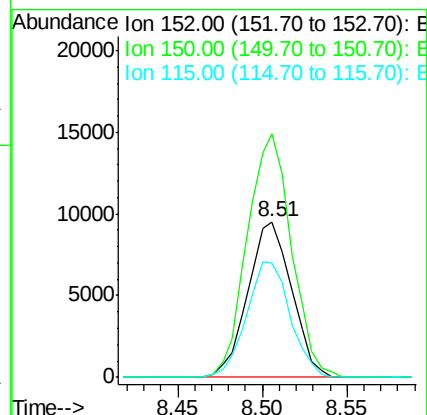
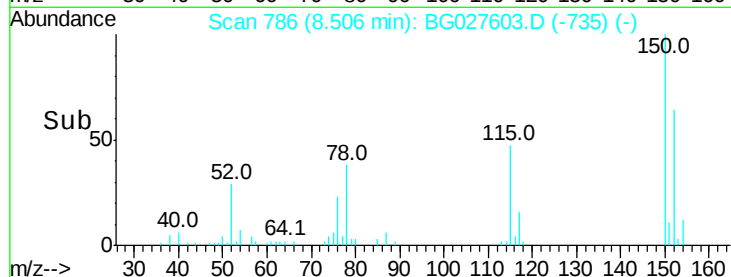
115 73.6 48.1 72.1#



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: 111.92 ng

RT: 6.09 min Scan# 374

Delta R.T. -0.00 min

Lab File: BG027603.D

Acq: 22 Jun 2017 19:34

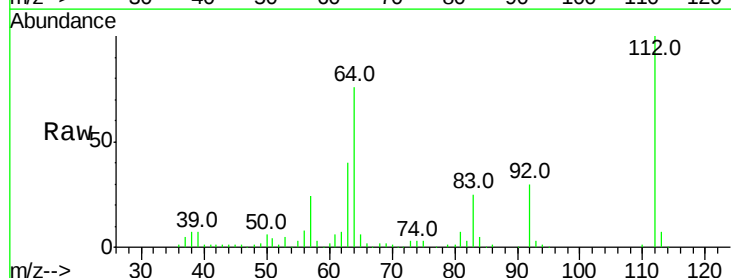
Tgt Ion:112 Resp: 135201

Ion Ratio Lower Upper

112 100

64 76.1 61.8 92.6

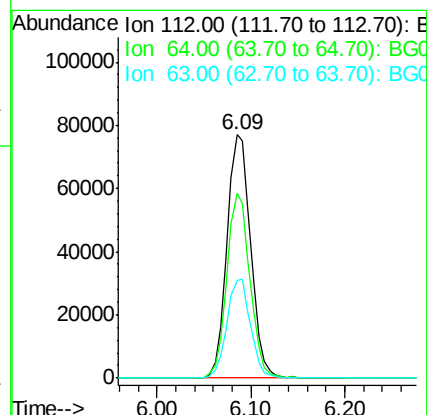
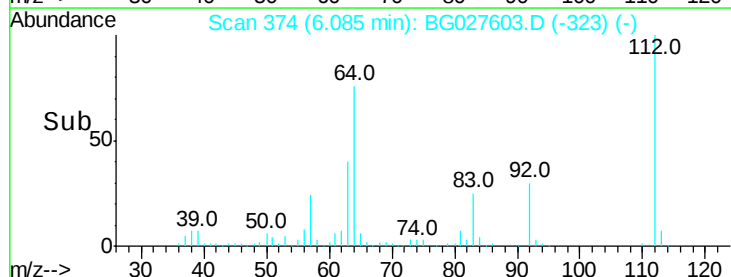
63 40.1 37.2 55.8

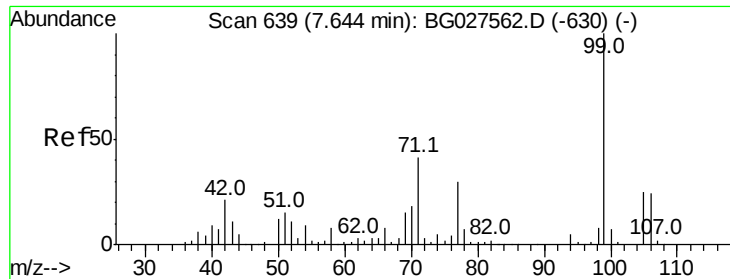


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 102.64 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027603.D

Acq: 22 Jun 2017 19:34

Instrument :

BNA_G

ClientSampleId :

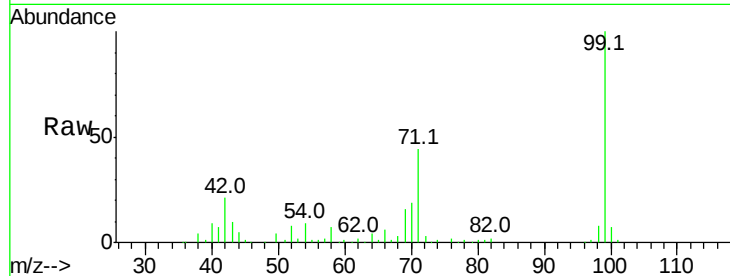
Tot Ion: 99 Resp: 183555

Ion Ratio Lower Upper

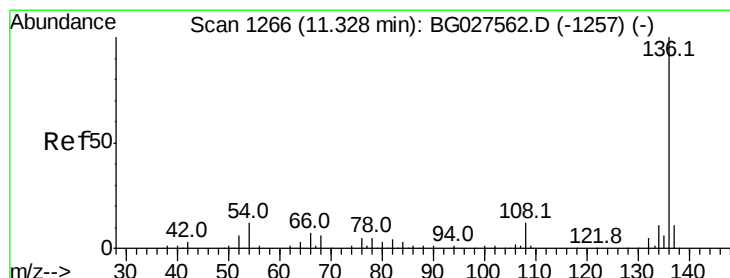
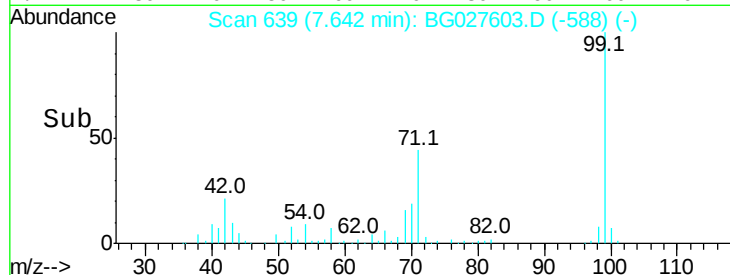
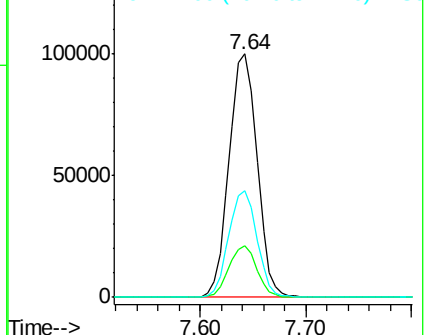
99 100

42 21.1 20.5 30.7

71 43.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027603.D

Acq: 22 Jun 2017 19:34

Tgt Ion: 136 Resp: 76946

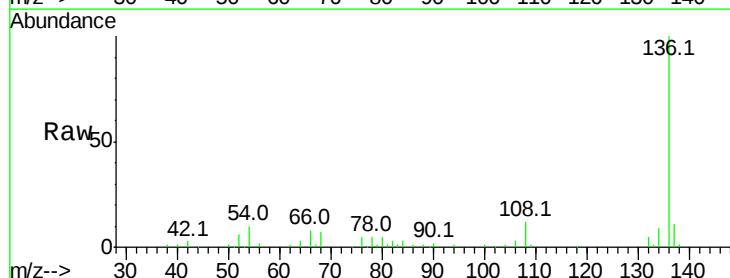
Ion Ratio Lower Upper

136 100

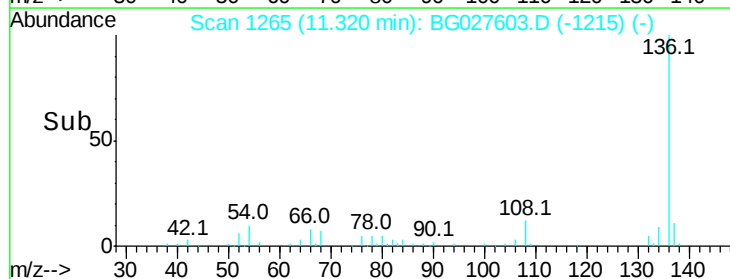
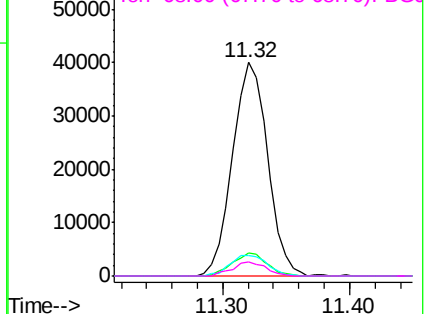
137 10.6 8.9 13.3

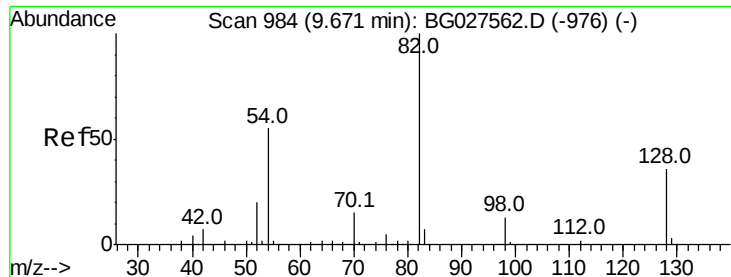
54 9.7 9.3 13.9

68 6.9 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

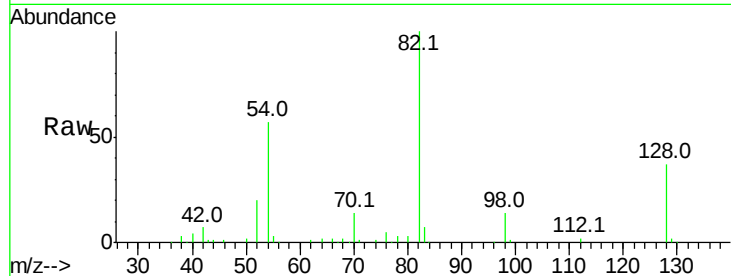




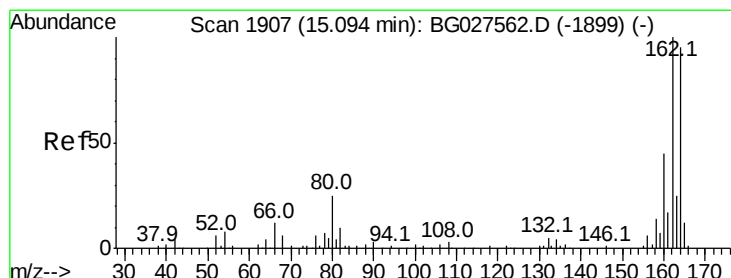
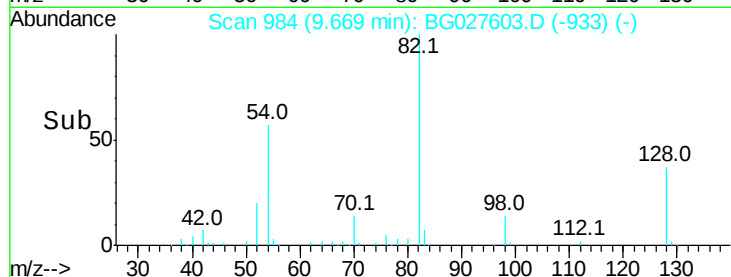
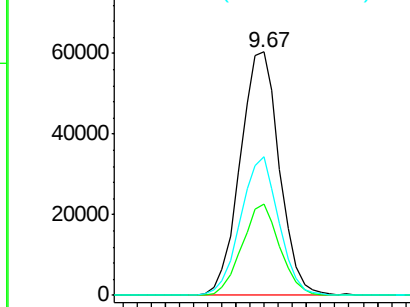
#23
Nitrobenzene-d5
Concen: 71.99 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027603.D
Acq: 22 Jun 2017 19:34

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 117067
Ion Ratio Lower Upper
82 100
128 37.3 26.4 39.6
54 56.9 49.4 74.2

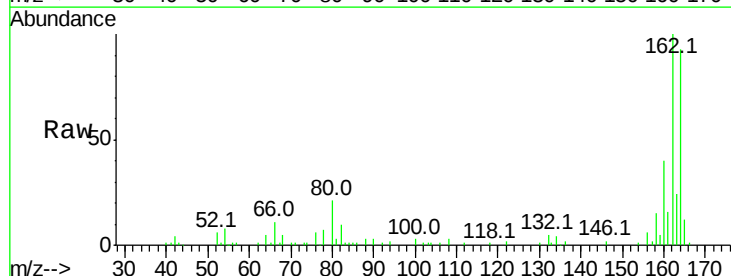


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

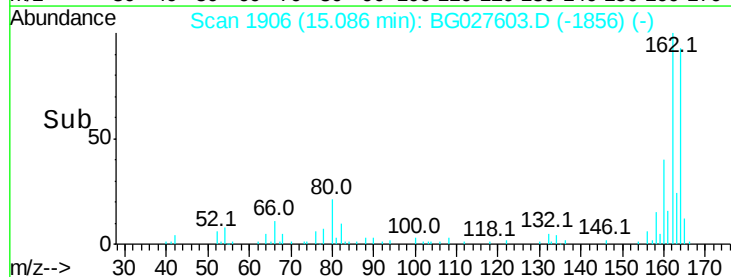
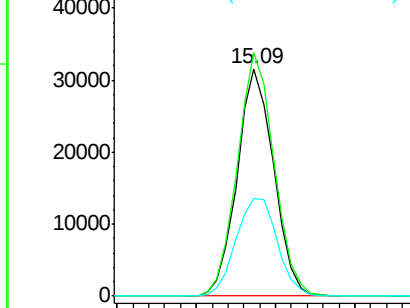


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027603.D
Acq: 22 Jun 2017 19:34

Tgt Ion:164 Resp: 50408
Ion Ratio Lower Upper
164 100
162 107.0 85.1 127.7
160 42.9 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

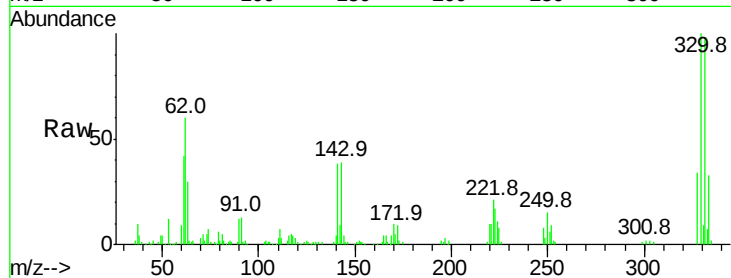




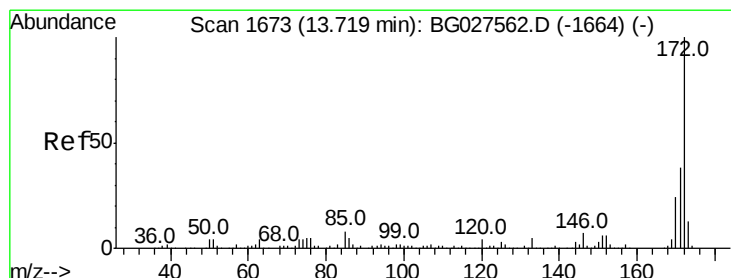
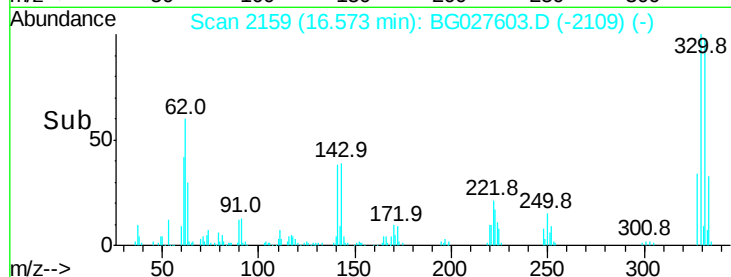
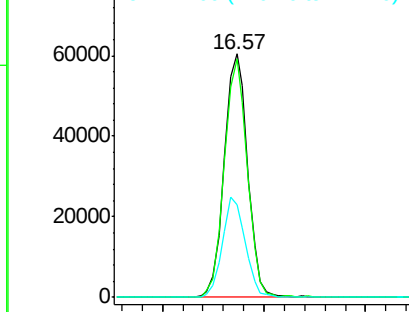
#41
 2,4,6-Tribromophenol
 Concen: 128.46 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027603.D
 Acq: 22 Jun 2017 19:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	40.3	32.1	48.1

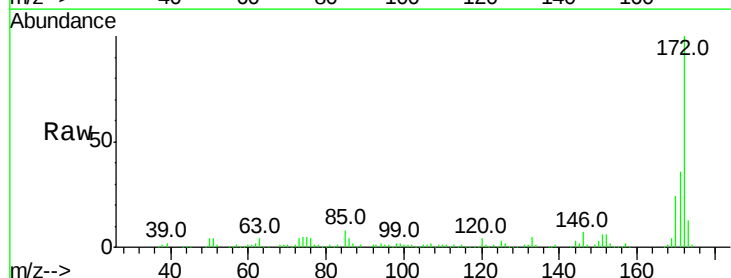


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

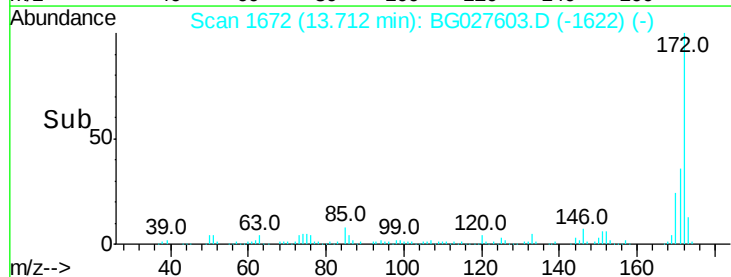
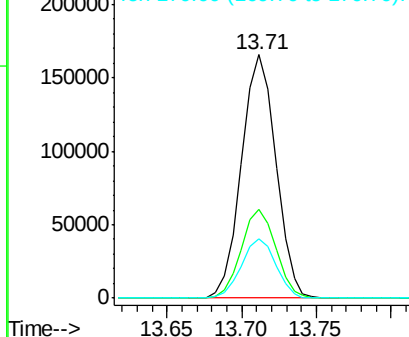


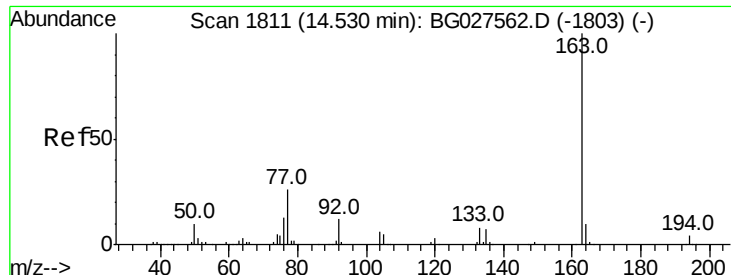
#44
 2-Fluorobiphenyl
 Concen: 71.94 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027603.D
 Acq: 22 Jun 2017 19:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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





#49

Dimethylphthalate

Concen: 7.69 ng

RT: 14.52 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BG027603.D

Acq: 22 Jun 2017 19:34

Instrument :

BNA_G

ClientSampled :

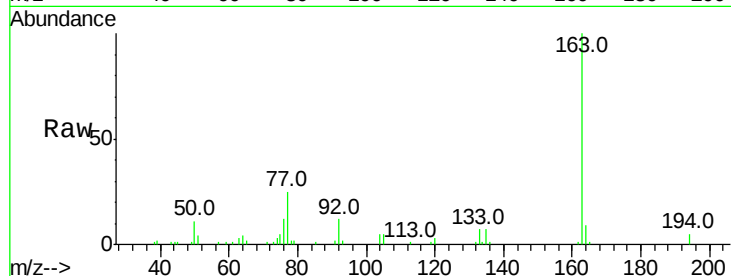
Tot Ion:163 Resp: 33944

Ion Ratio Lower Upper

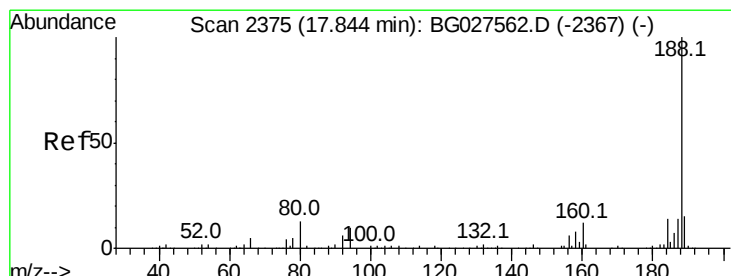
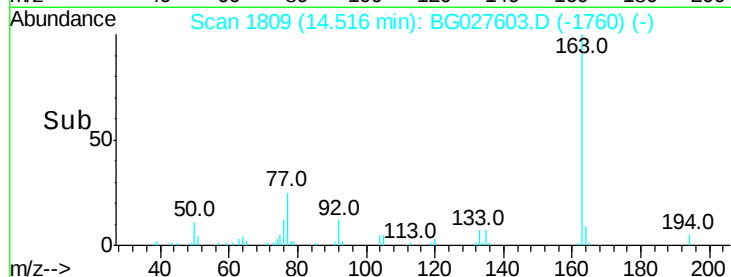
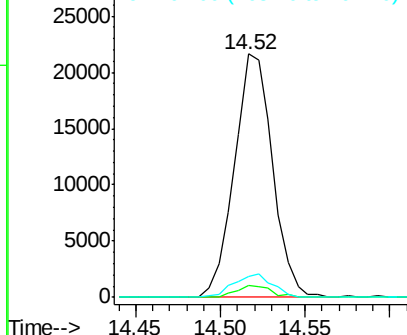
163 100

194 5.1 3.8 5.6

164 8.6 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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.84 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG027603.D

Acq: 22 Jun 2017 19:34

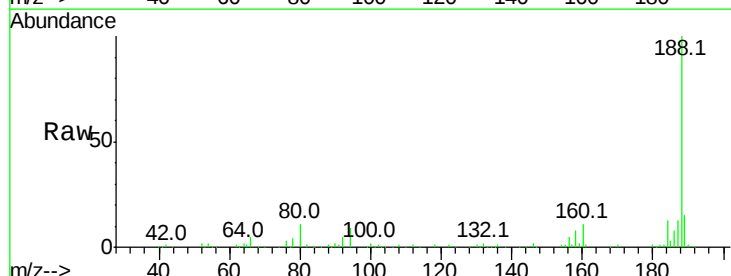
Tgt Ion:188 Resp: 151077

Ion Ratio Lower Upper

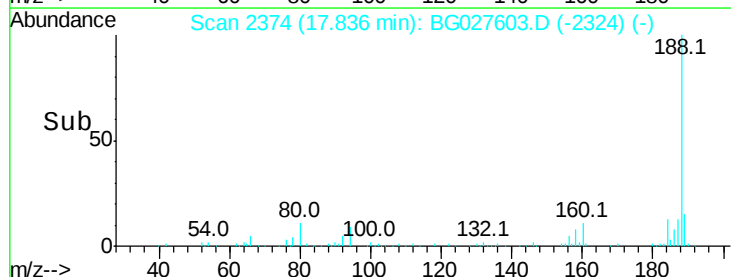
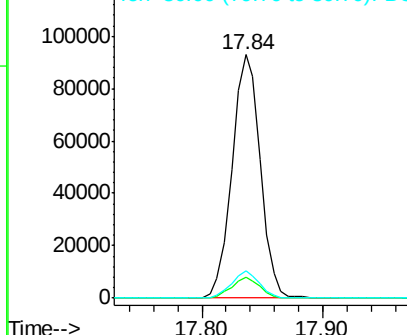
188 100

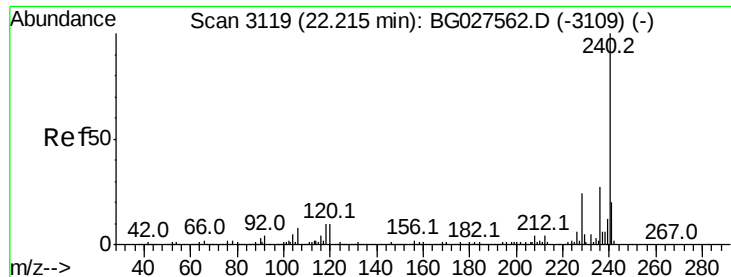
94 8.8 5.8 8.8#

80 11.1 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: 22.20 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG027603.D

Acq: 22 Jun 2017 19:34

Instrument :

BNA_G

ClientSampleId :

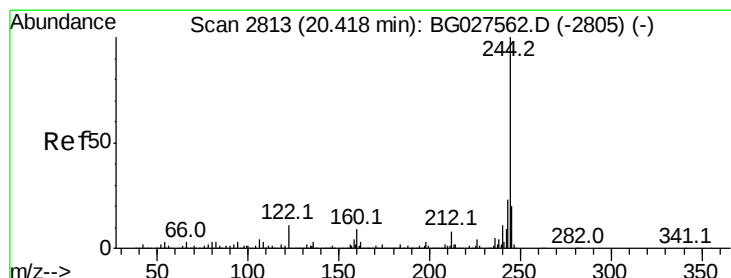
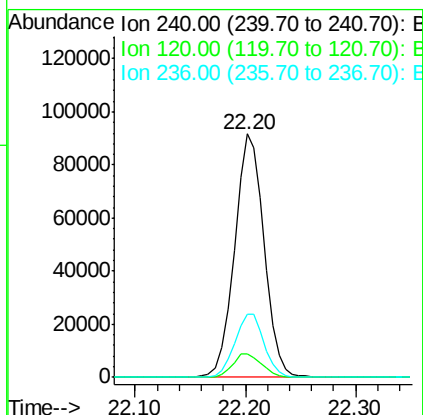
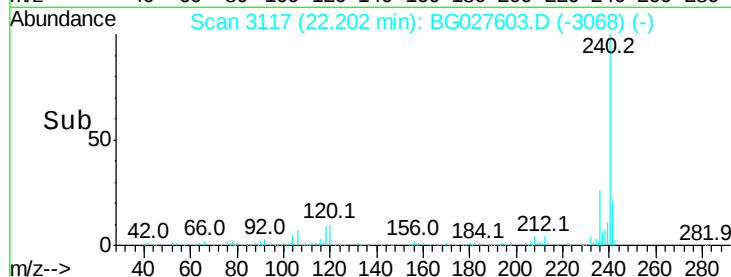
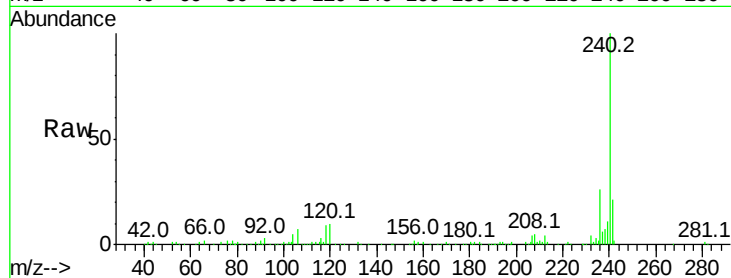
Tot Ion:240 Resp: 171396

Ion Ratio Lower Upper

240 100

120 9.6 5.7 8.5#

236 26.0 22.2 33.4



#78

Terphenyl-d14

Concen: 80.36 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027603.D

Acq: 22 Jun 2017 19:34

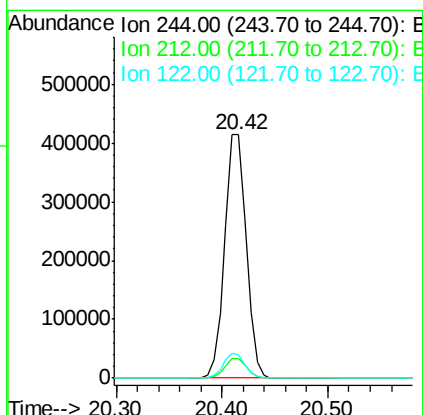
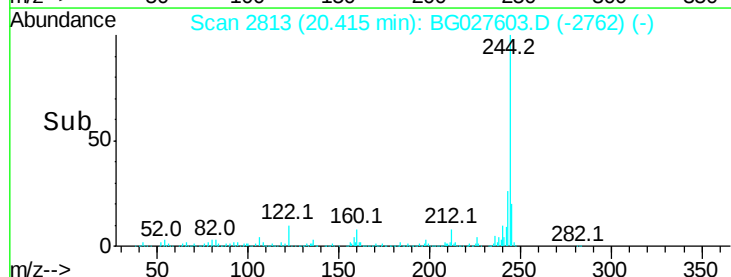
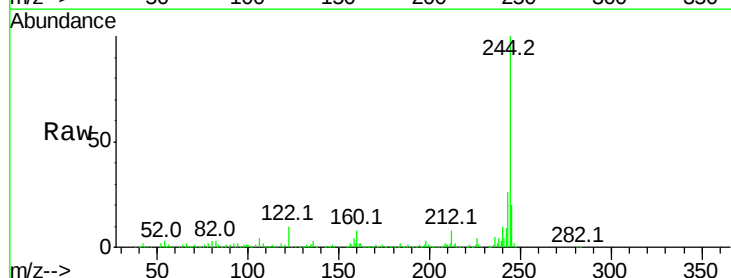
Tgt Ion:244 Resp: 584585

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

122 9.8 8.6 12.8

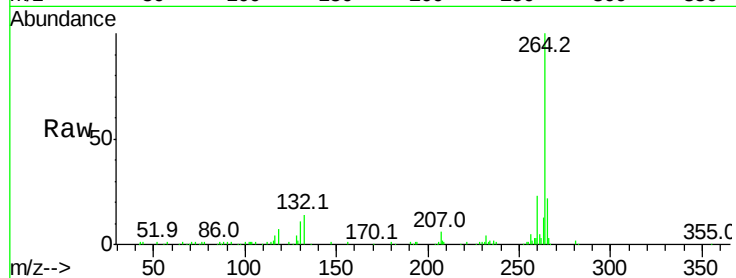




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3736
 Delta R.T. -0.01 min
 Lab File: BG027603.D
 Acq: 22 Jun 2017 19:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	21.6	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

