

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
 Data File : BG027763.D
 Acq On : 30 Jun 2017 21:07
 Operator : SJ/JU
 Sample : PB100282BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 01 00:54:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	30031	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	144136	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	91541	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	251244	20.00	ng	0.00
75) Chrysene-d12	22.18	240	258161	20.00	ng	0.00
86) Perylene-d12	25.80	264	250992	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	240630	123.39	ng	0.00
7) Phenol-d6	7.62	99	332968	111.76	ng	0.00
23) Nitrobenzene-d5	9.64	82	194209	75.11	ng	0.00
41) 2,4,6-Tribromophenol	16.56	330	165736	132.00	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	509791	79.53	ng	0.00
78) Terphenyl-d14	20.40	244	968114	87.91	ng	0.01

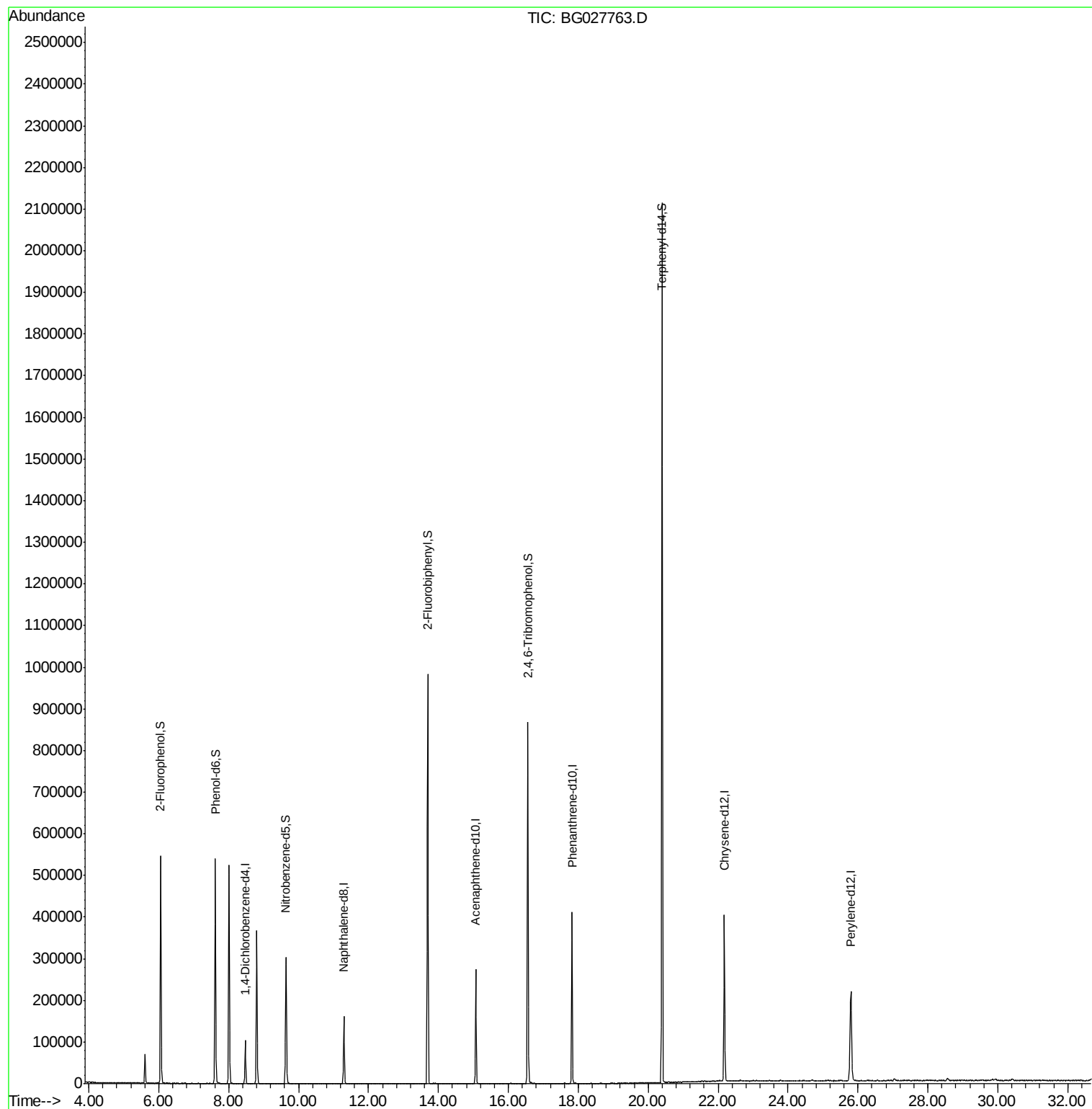
Target Compounds Qvalue

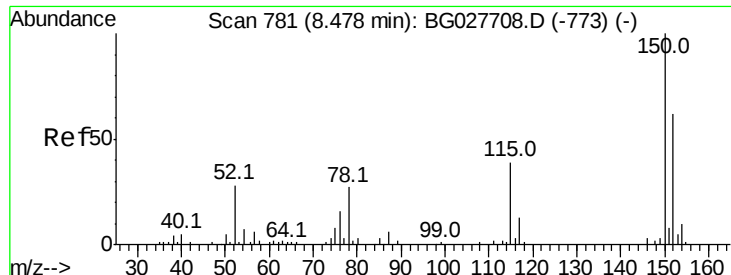
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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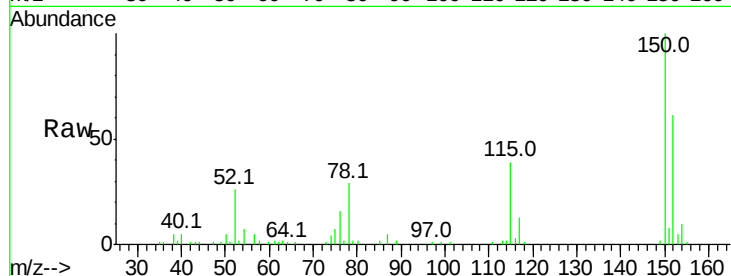


#1

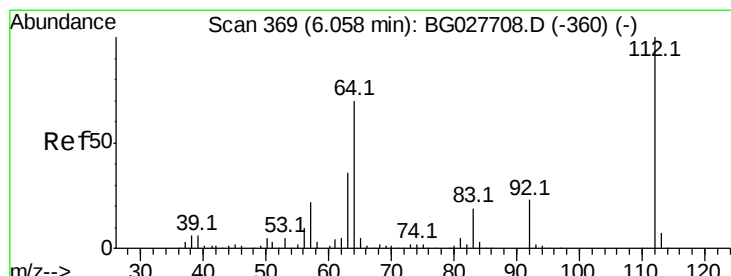
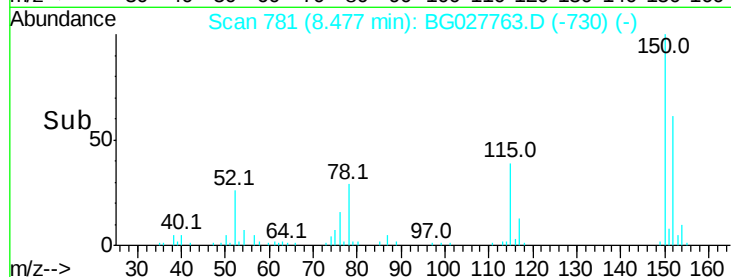
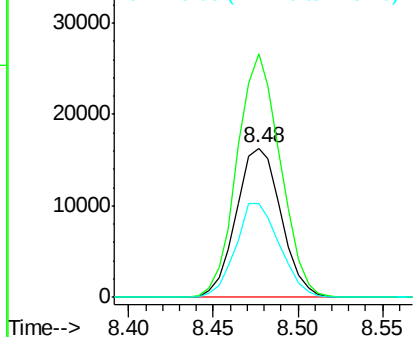
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027763.D
Acq: 30 Jun 2017 21:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30031
Ion Ratio Lower Upper
152 100
150 163.0 114.0 171.0
115 62.9 48.1 72.1



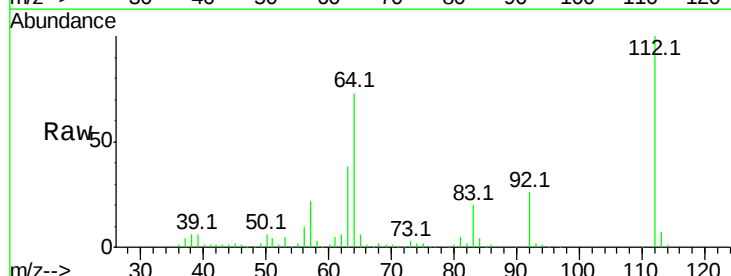
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



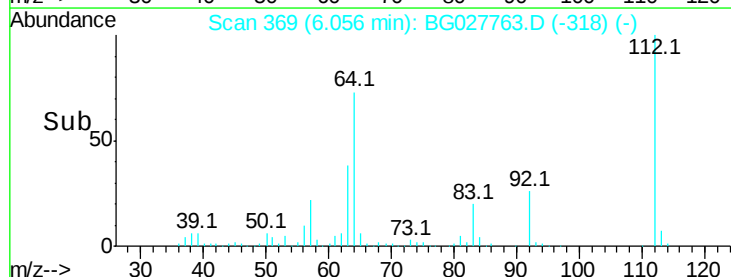
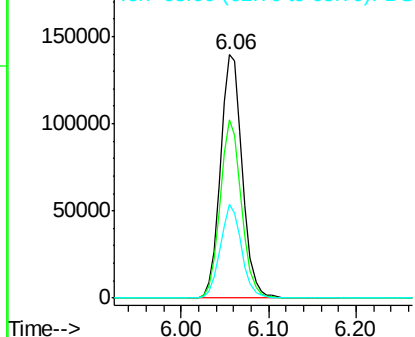
#5

2-Fluorophenol
Concen: 123.39 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027763.D
Acq: 30 Jun 2017 21:07

Tgt Ion:112 Resp: 240630
Ion Ratio Lower Upper
112 100
64 73.5 61.8 92.6
63 38.4 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: 111.76 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027763.D

Acq: 30 Jun 2017 21:07

Instrument :

BNA_G

ClientSampleId :

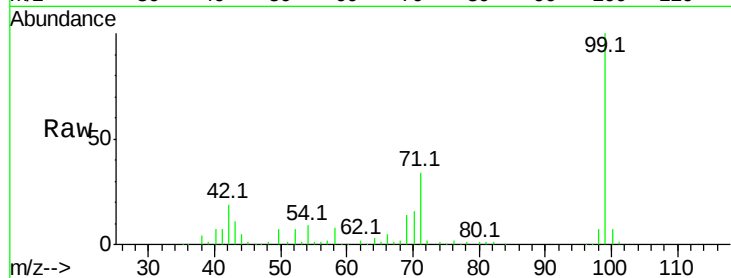
Tot Ion: 99 Resp: 332968

Ion Ratio Lower Upper

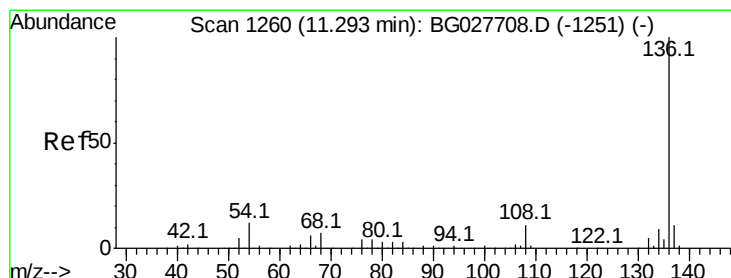
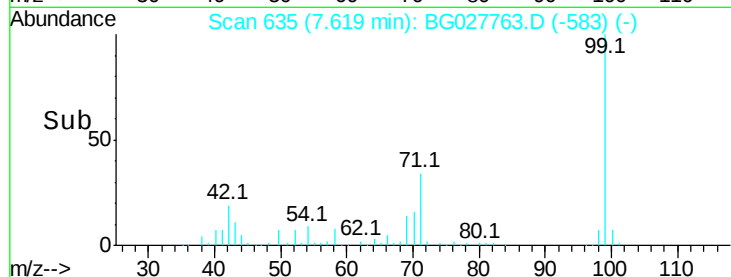
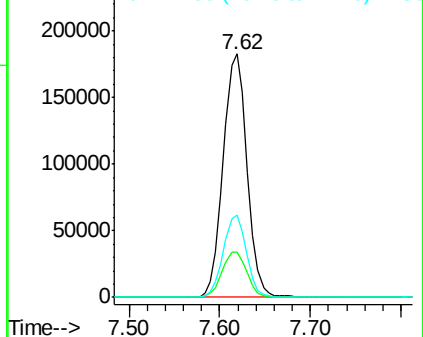
99 100

42 18.6 20.5 30.7#

71 33.9 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: 11.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG027763.D

Acq: 30 Jun 2017 21:07

Tgt Ion: 136 Resp: 144136

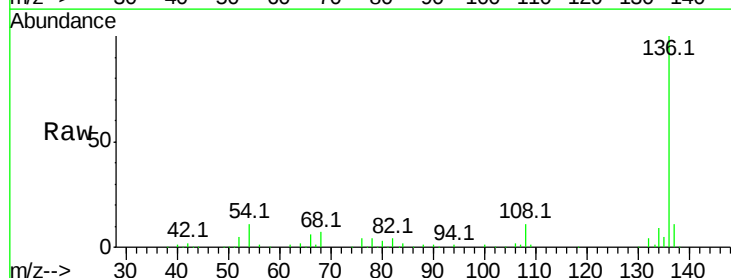
Ion Ratio Lower Upper

136 100

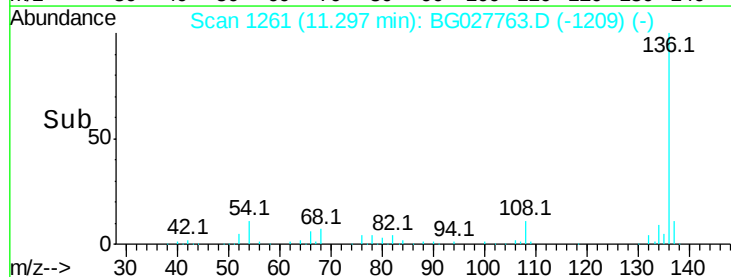
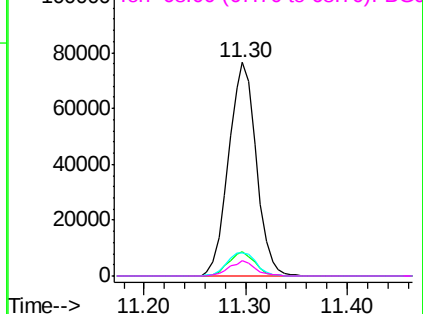
137 11.4 8.9 13.3

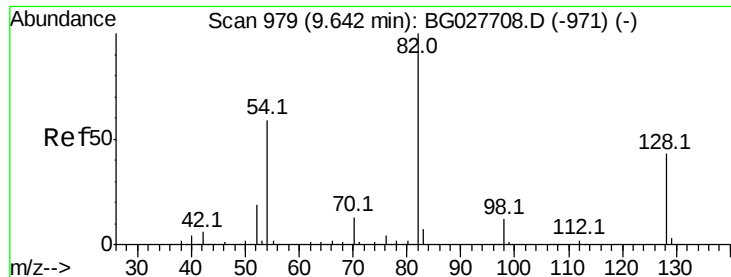
54 10.8 9.3 13.9

68 7.0 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: 75.11 ng

RT: 9.64 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG027763.D

Acq: 30 Jun 2017 21:07

Instrument :

BNA_G

ClientSampleId :

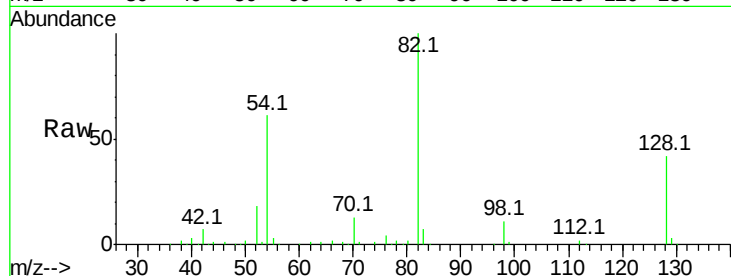
Tot Ion: 82 Resp: 194209

Ion Ratio Lower Upper

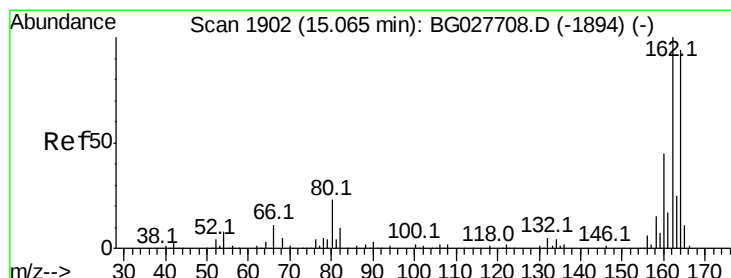
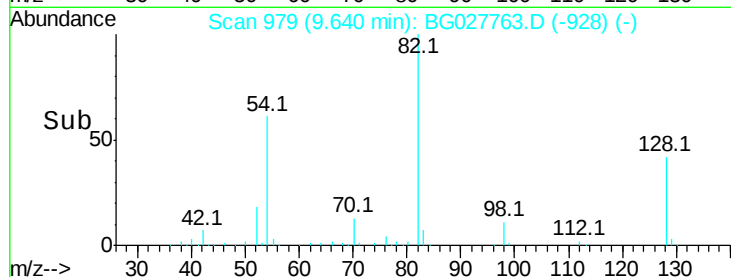
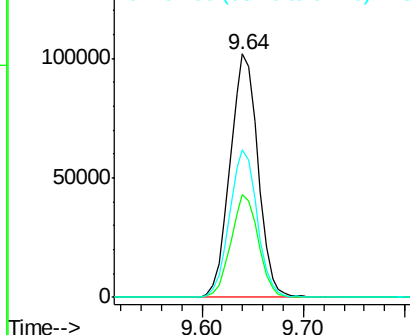
82 100

128 42.1 26.4 39.6#

54 60.7 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. 0.00 min

Lab File: BG027763.D

Acq: 30 Jun 2017 21:07

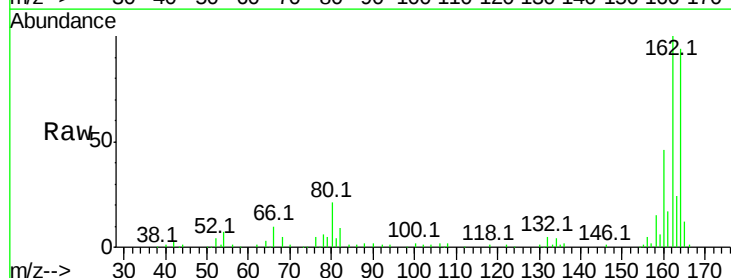
Tgt Ion:164 Resp: 91541

Ion Ratio Lower Upper

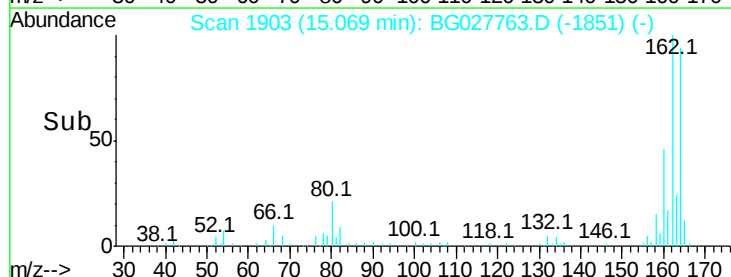
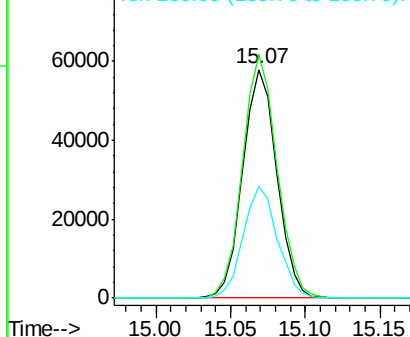
164 100

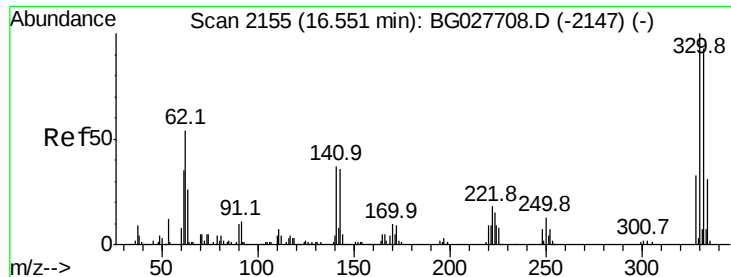
162 106.6 85.1 127.7

160 48.9 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: 132.00 ng

RT: 16.56 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BG027763.D

Acq: 30 Jun 2017 21:07

Instrument :

BNA_G

ClientSampled :

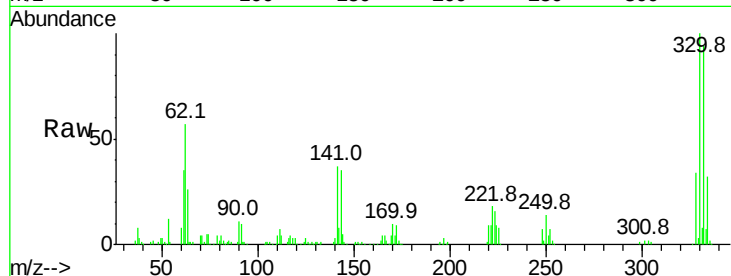
Tot Ion:330 Resp: 165736

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

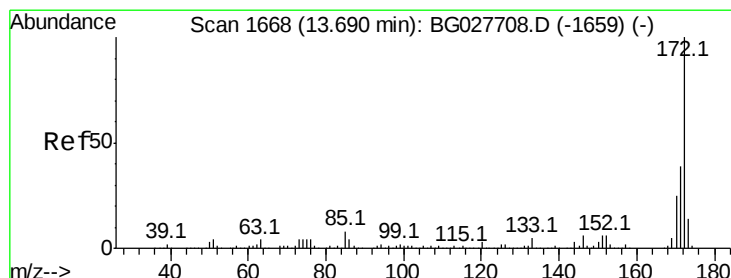
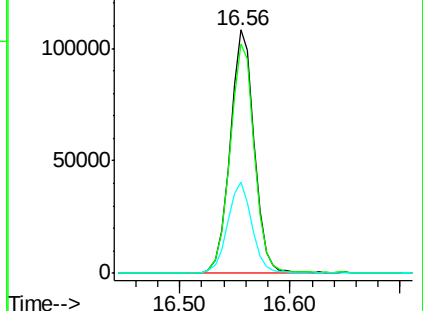
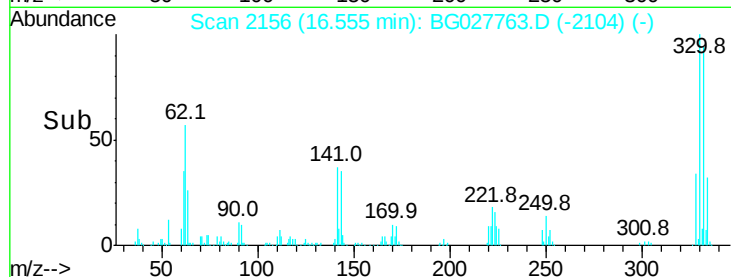
141 38.0 32.1 48.1



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: 79.53 ng

RT: 13.69 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG027763.D

Acq: 30 Jun 2017 21:07

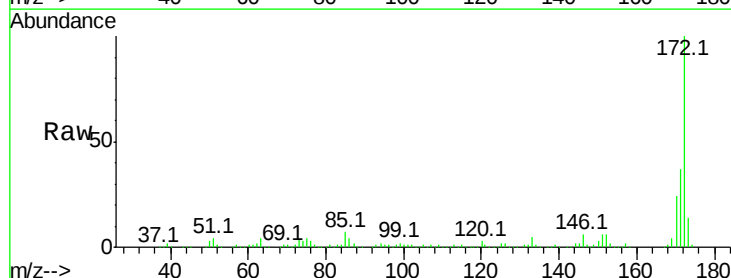
Tgt Ion:172 Resp: 509791

Ion Ratio Lower Upper

172 100

171 36.8 32.2 48.2

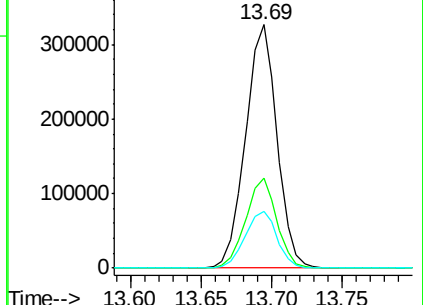
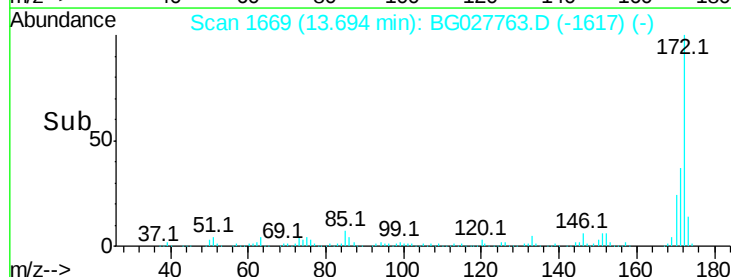
170 23.5 21.8 32.6

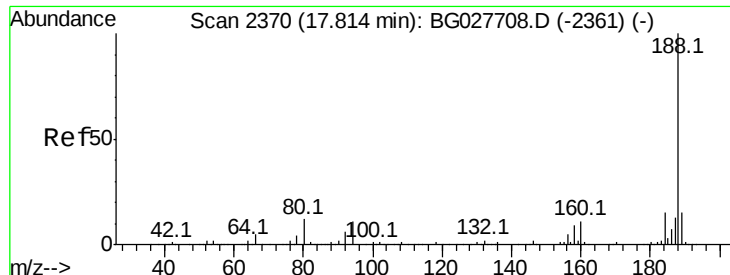


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

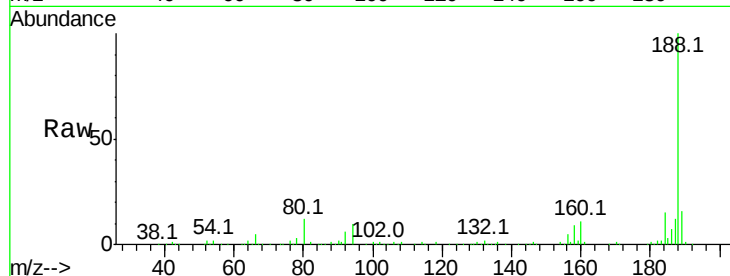




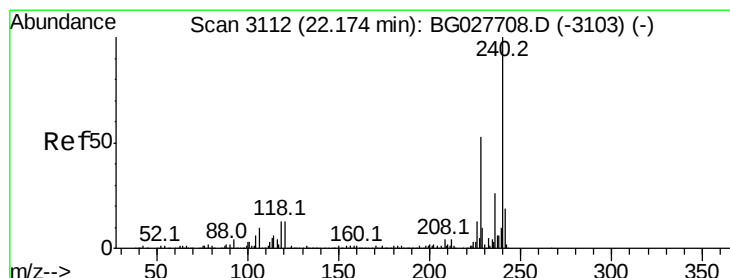
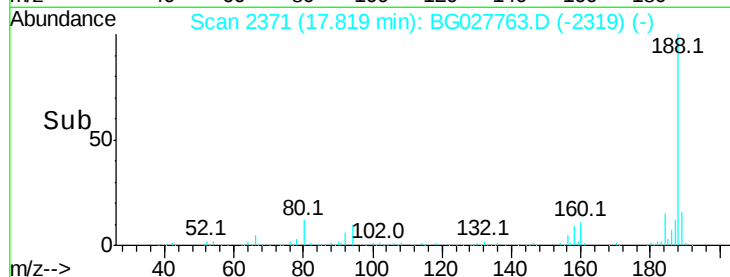
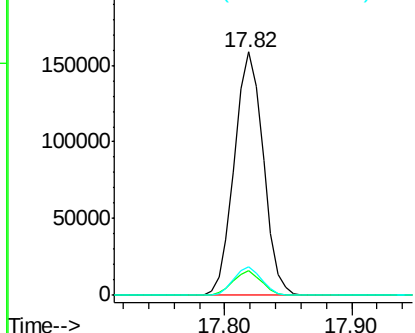
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 2371
 Delta R.T. 0.00 min
 Lab File: BG027763.D
 Acq: 30 Jun 2017 21:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 251244
 Ion Ratio Lower Upper
 188 100
 94 10.3 5.8 8.8#
 80 11.8 7.5 11.3#

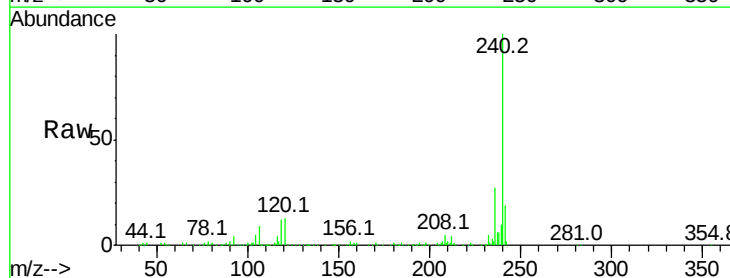


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

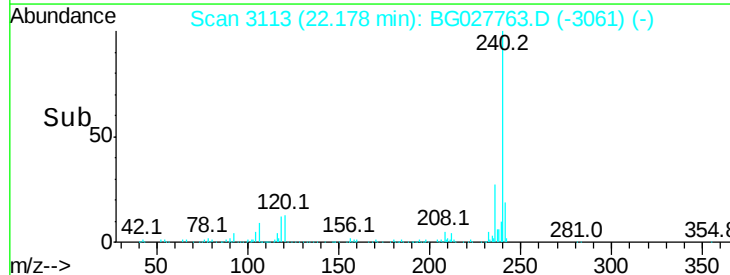
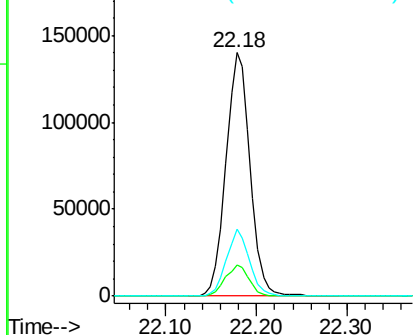


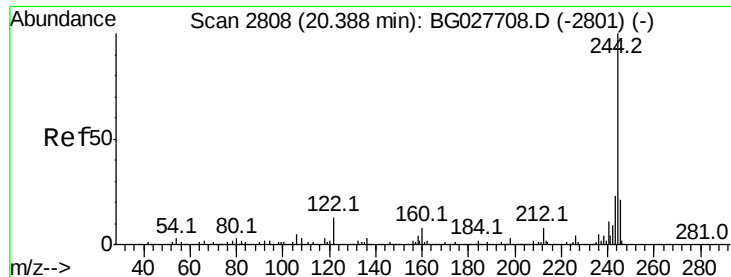
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.18 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: BG027763.D
 Acq: 30 Jun 2017 21:07

Tgt Ion:240 Resp: 258161
 Ion Ratio Lower Upper
 240 100
 120 12.7 5.7 8.5#
 236 27.4 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: 87.91 ng

RT: 20.40 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BG027763.D

Acq: 30 Jun 2017 21:07

Instrument :

BNA_G

ClientSampleId :

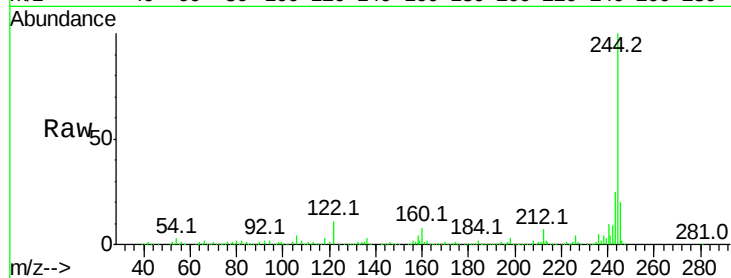
Tot Ion:244 Resp: 968114

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

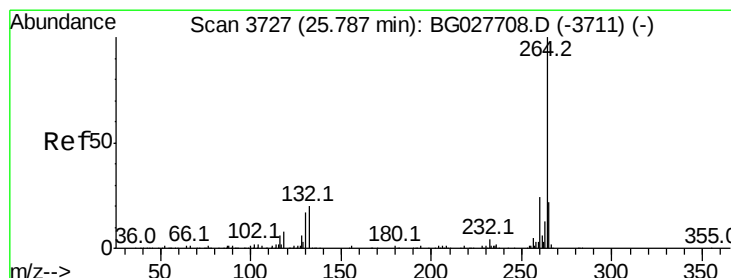
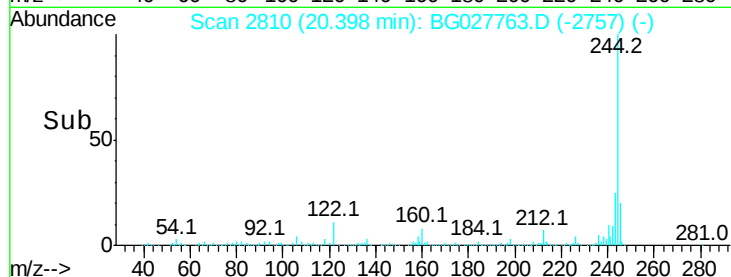
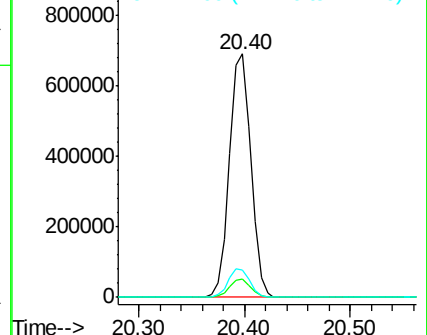
122 11.4 8.6 12.8



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: 20.00 ng

RT: 25.80 min Scan# 3729

Delta R.T. 0.01 min

Lab File: BG027763.D

Acq: 30 Jun 2017 21:07

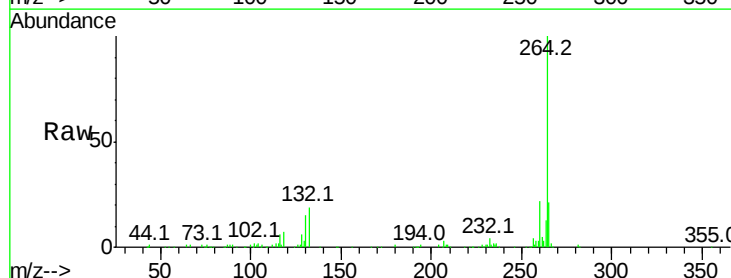
Tgt Ion:264 Resp: 250992

Ion Ratio Lower Upper

264 100

260 22.0 21.8 32.8

265 20.5 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

