

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027680.D
 Acq On : 26 Jun 2017 18:31
 Operator : SJ/JU
 Sample : I3876-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:28:00 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

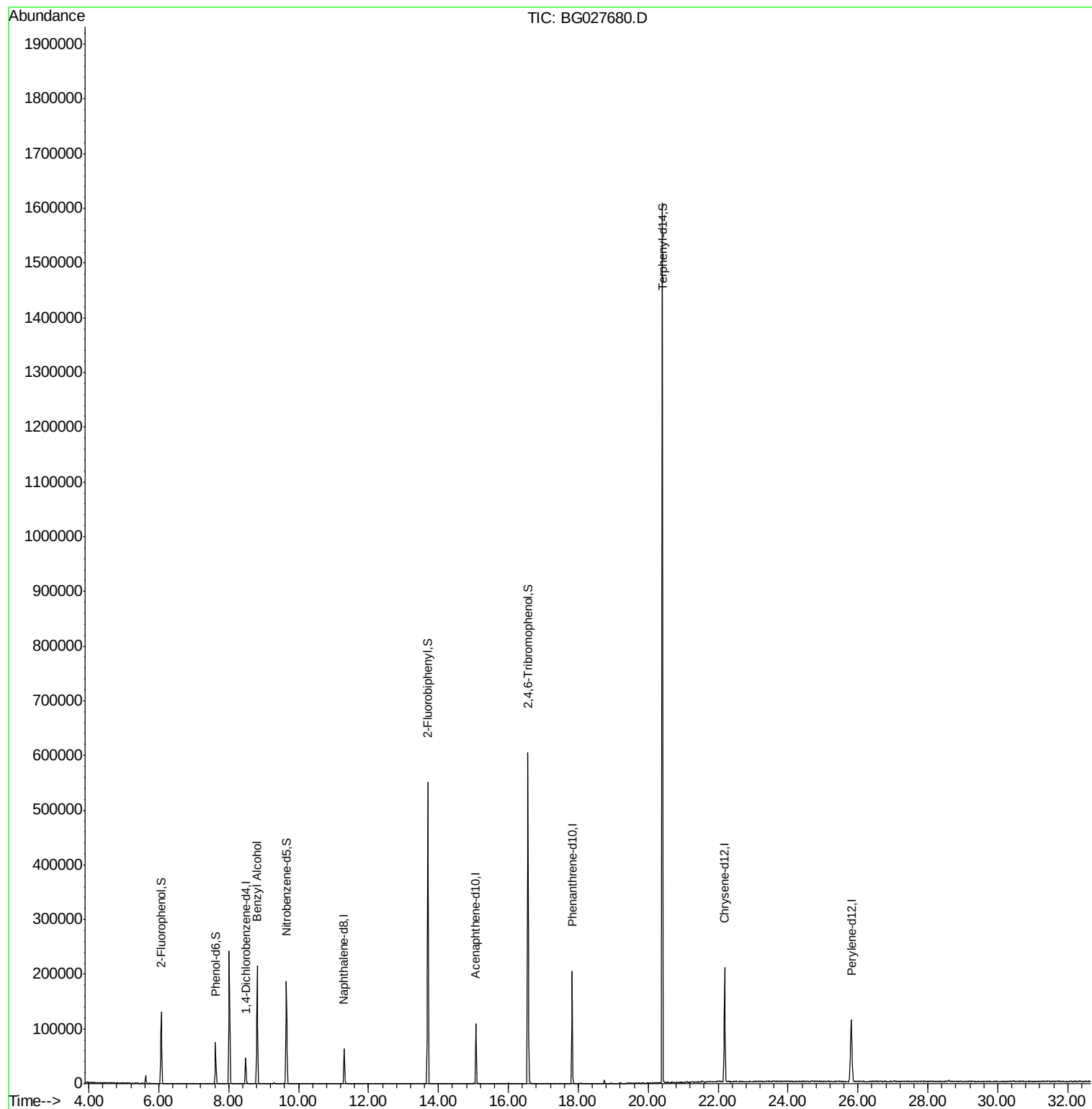
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	12862	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	55265	20.00	ng	-0.03
38) Acenaphthene-d10	15.07	164	37046	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	124361	20.00	ng	-0.02
75) Chrysene-d12	22.19	240	145898	20.00	ng	-0.03
86) Perylene-d12	25.80	264	139027	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	52918	58.56	ng	-0.01
7) Phenol-d6	7.62	99	41473	31.00	ng	-0.02
23) Nitrobenzene-d5	9.65	82	114380	97.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	115195	208.57	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	274841	101.34	ng	-0.02
78) Terphenyl-d14	20.40	244	704096	113.70	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.82	79	2313	2.17	ng	Qvalue # 52

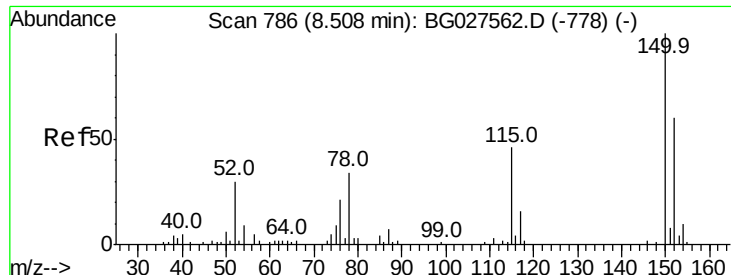
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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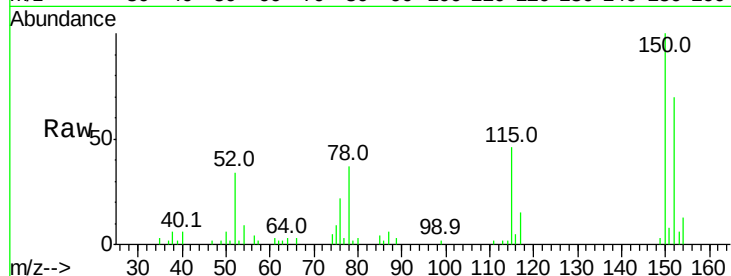


#1

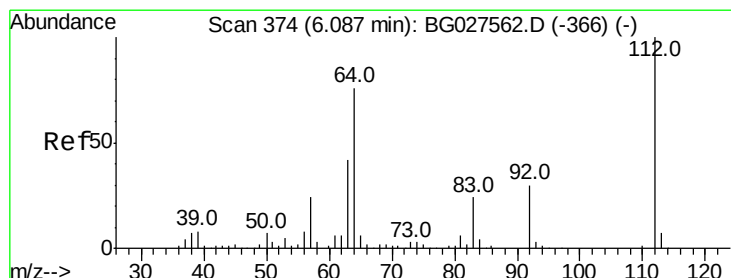
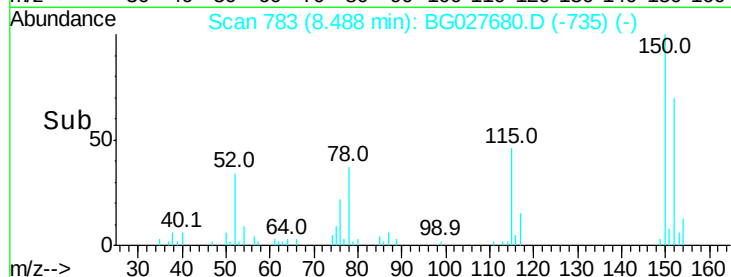
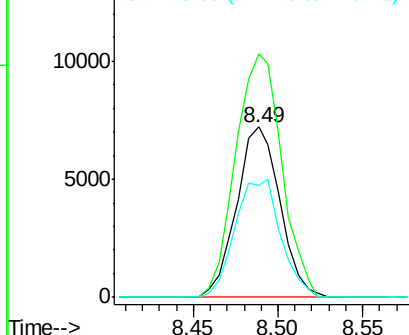
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BG027680.D
Acq: 26 Jun 2017 18:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 12862
Ion Ratio Lower Upper
152 100
150 142.9 114.0 171.0
115 65.4 48.1 72.1



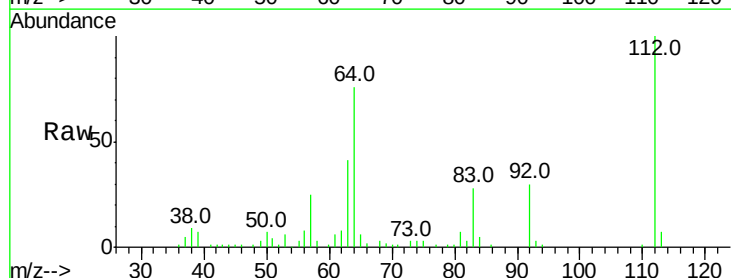
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



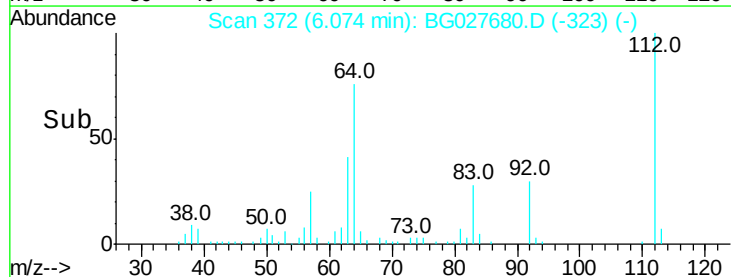
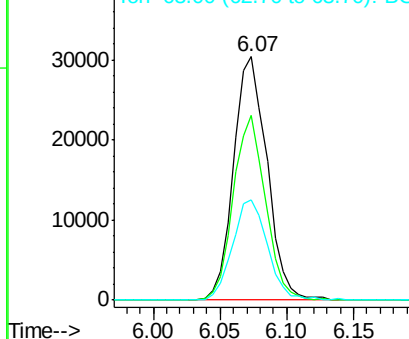
#5

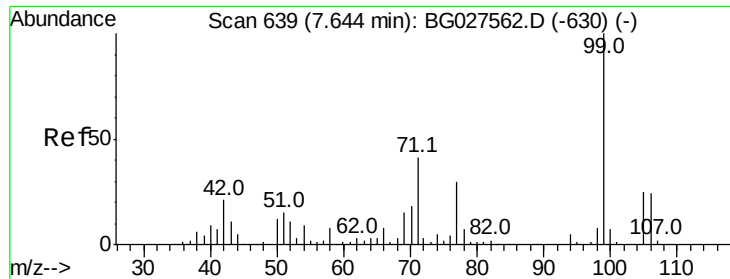
2-Fluorophenol
Concen: 58.56 ng
RT: 6.07 min Scan# 372
Delta R.T. -0.01 min
Lab File: BG027680.D
Acq: 26 Jun 2017 18:31

Tgt Ion:112 Resp: 52918
Ion Ratio Lower Upper
112 100
64 76.0 61.8 92.6
63 41.3 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: 31.00 ng

RT: 7.62 min Scan# 636

Delta R.T. -0.02 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

Instrument :

BNA_G

ClientSampleId :

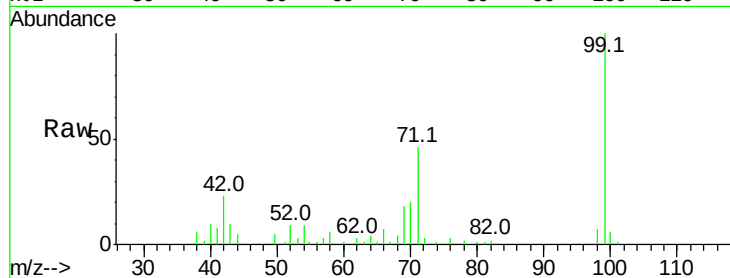
Tot Ion: 99 Resp: 41473

Ion Ratio Lower Upper

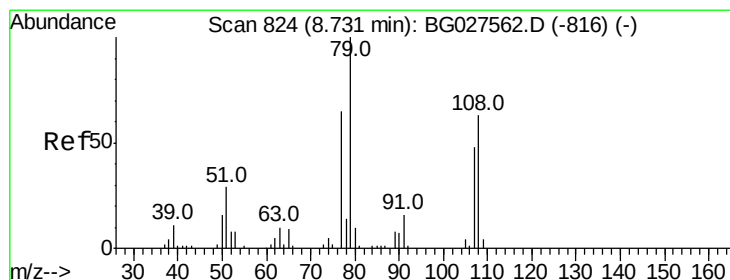
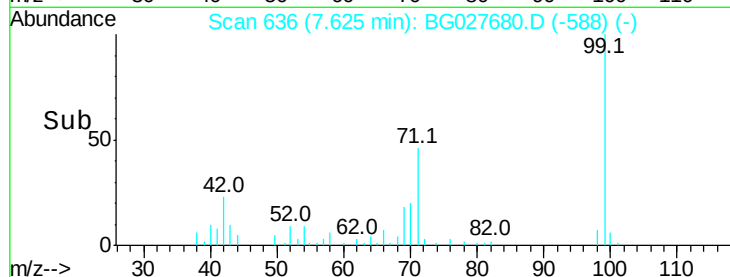
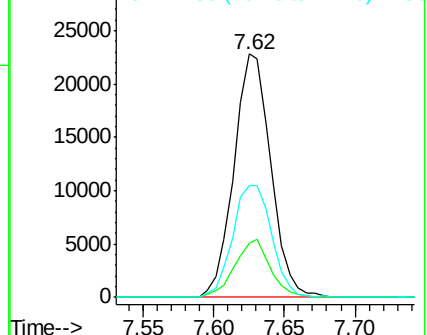
99 100

42 22.5 20.5 30.7

71 46.0 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



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 8.82 min Scan# 840

Delta R.T. 0.09 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

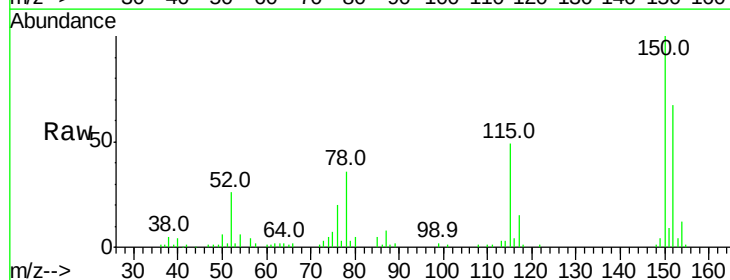
Tgt Ion: 79 Resp: 2313

Ion Ratio Lower Upper

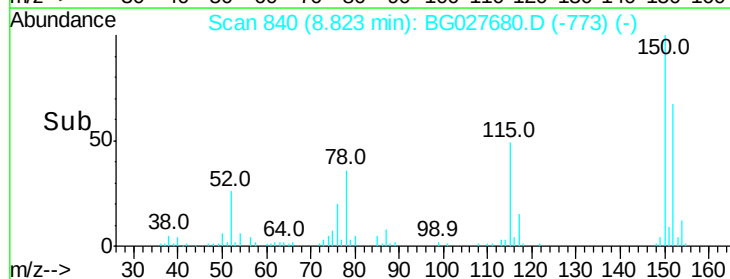
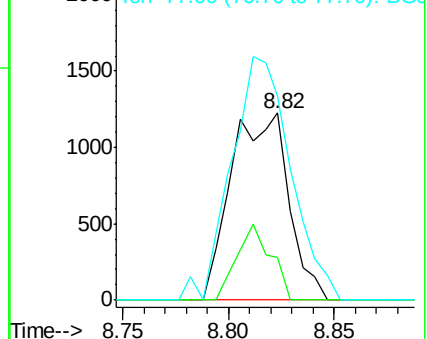
79 100

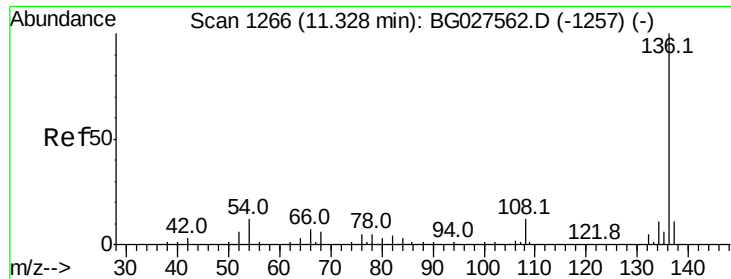
108 23.1 45.5 68.3#

77 108.6 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

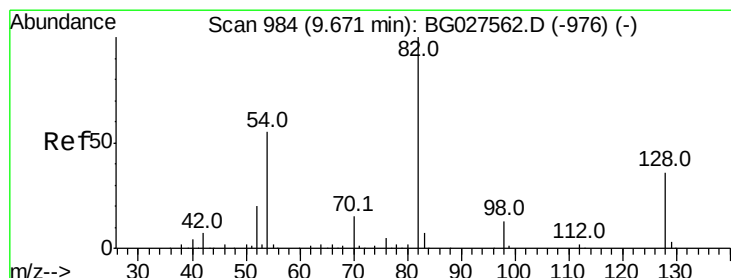
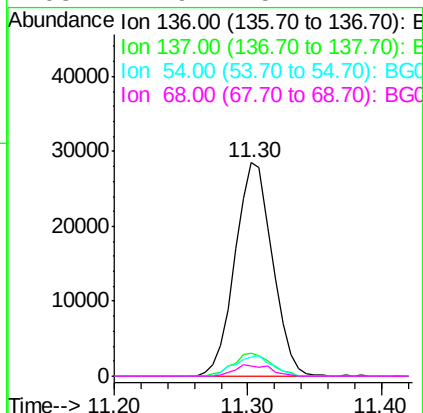
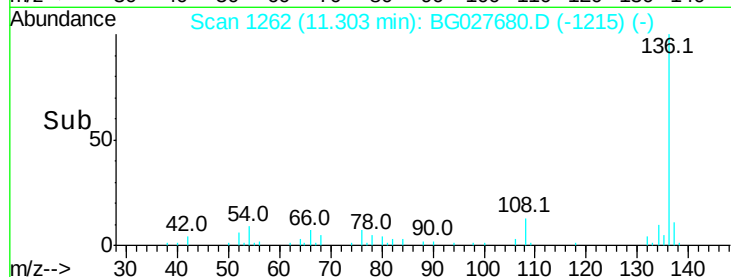
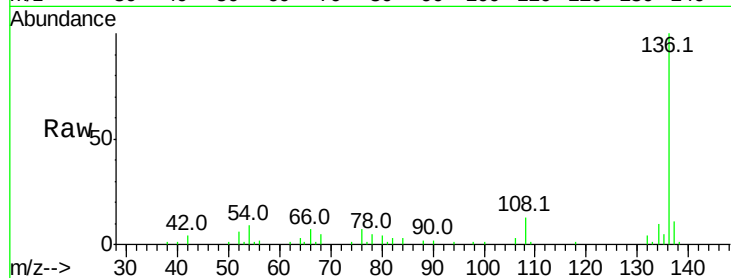




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BG027680.D
Acq: 26 Jun 2017 18:31

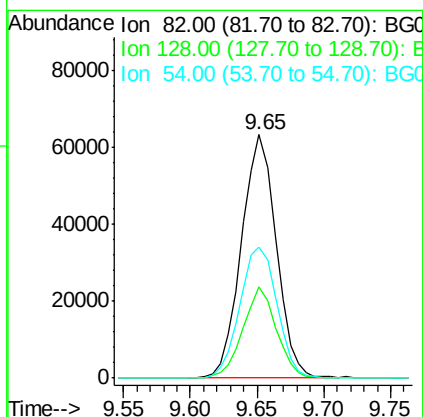
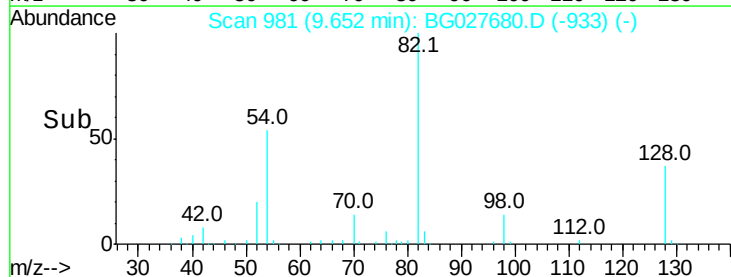
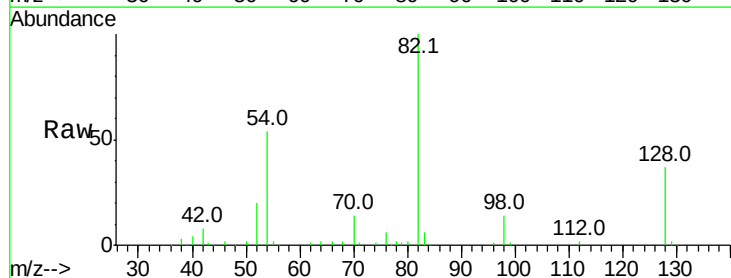
Instrument :
BNA_G
ClientSampleId :

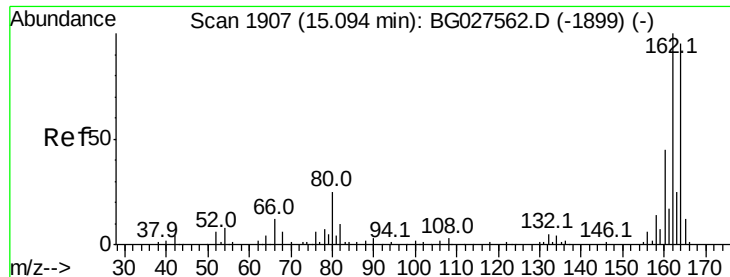
Tot Ion:	136	Resp:	55265
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	9.3	13.9#
68	4.9	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 97.93 ng
RT: 9.65 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG027680.D
Acq: 26 Jun 2017 18:31

Tgt Ion:	82	Resp:	114380
Ion	Ratio	Lower	Upper
82	100		
128	37.4	26.4	39.6
54	53.7	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

Instrument :

BNA_G

ClientSampleId :

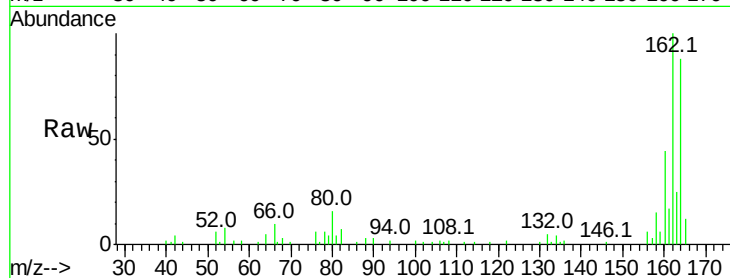
Tot Ion:164 Resp: 37046

Ion Ratio Lower Upper

164 100

162 113.3 85.1 127.7

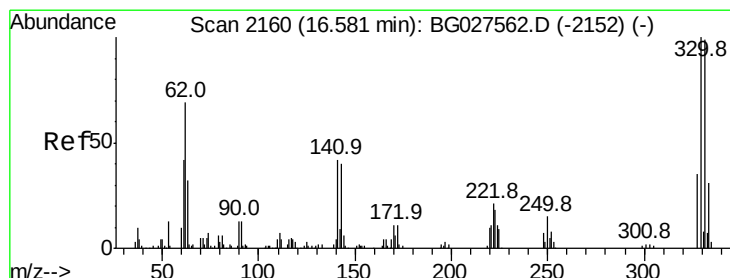
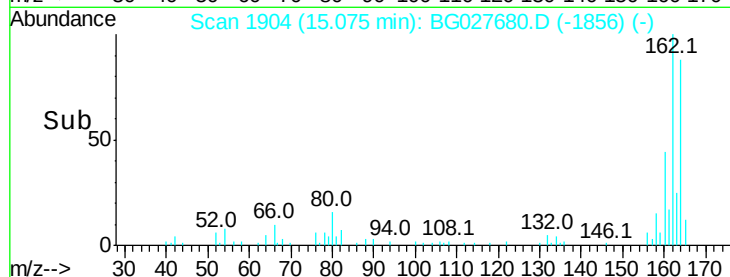
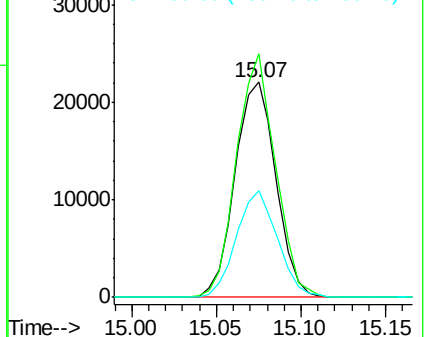
160 49.4 34.7 52.1



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: 208.57 ng

RT: 16.56 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

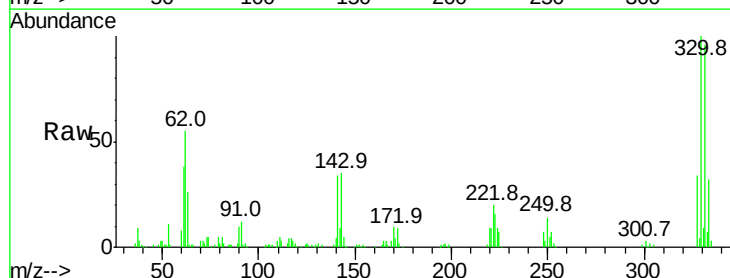
Tgt Ion:330 Resp: 115195

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

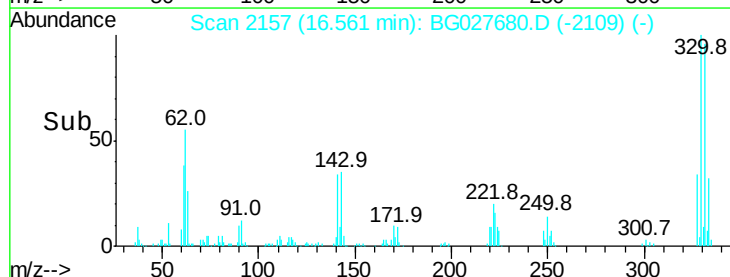
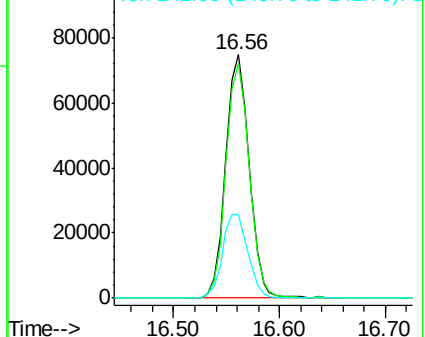
141 37.0 32.1 48.1

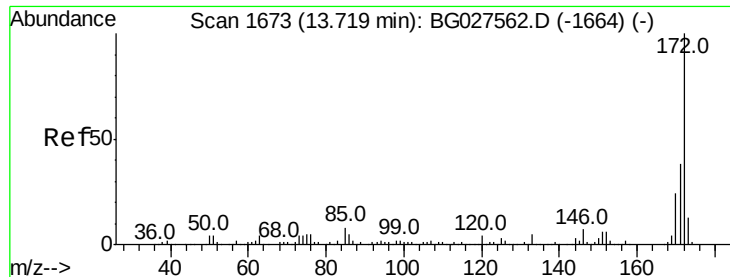


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 101.34 ng

RT: 13.70 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

Instrument :

BNA_G

ClientSampleId :

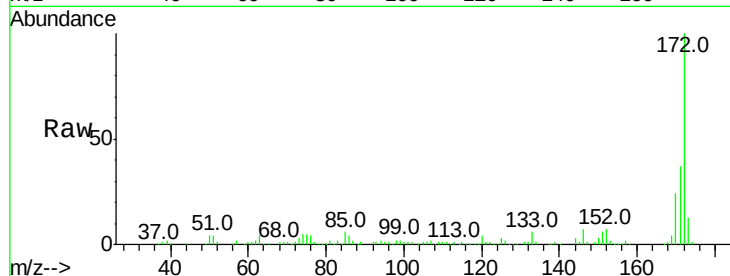
Tot Ion:172 Resp: 274841

Ion Ratio Lower Upper

172 100

171 37.2 32.2 48.2

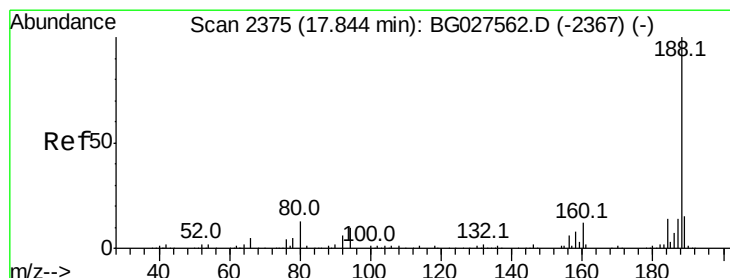
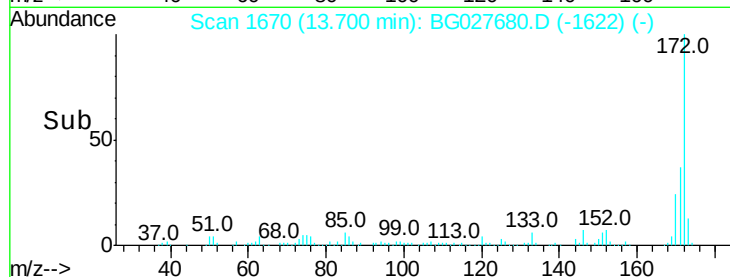
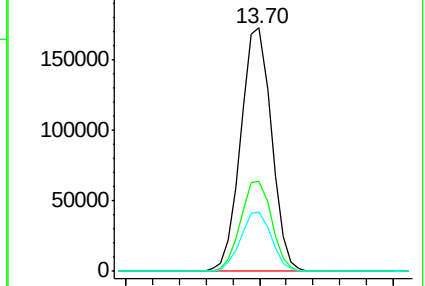
170 24.4 21.8 32.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.82 min Scan# 2372

Delta R.T. -0.02 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

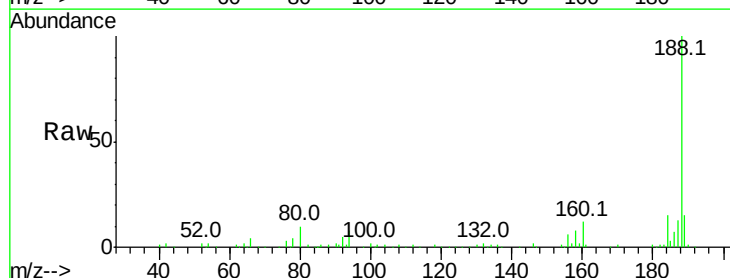
Tgt Ion:188 Resp: 124361

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.8

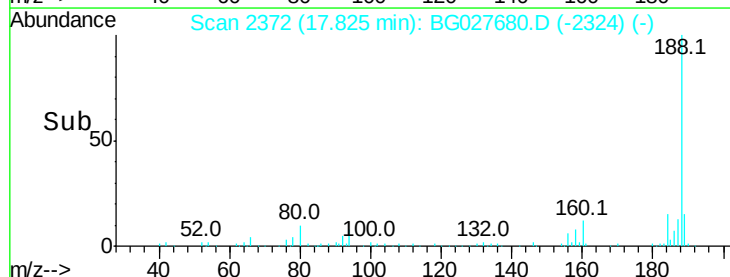
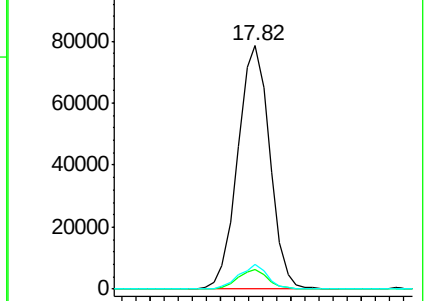
80 10.1 7.5 11.3

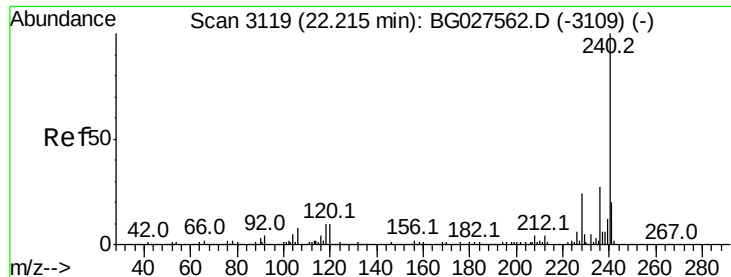


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.19 min Scan# 3115

Delta R.T. -0.03 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

Instrument :

BNA_G

ClientSampleId :

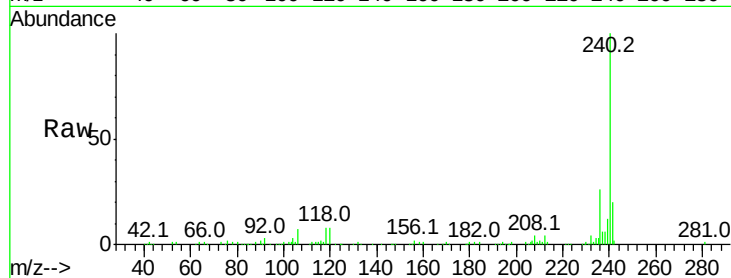
Tot Ion:240 Resp: 145898

Ion Ratio Lower Upper

240 100

120 7.7 5.7 8.5

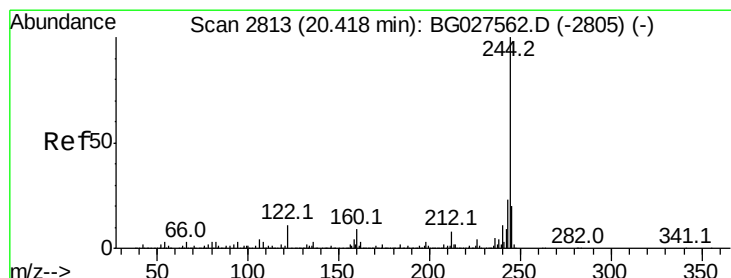
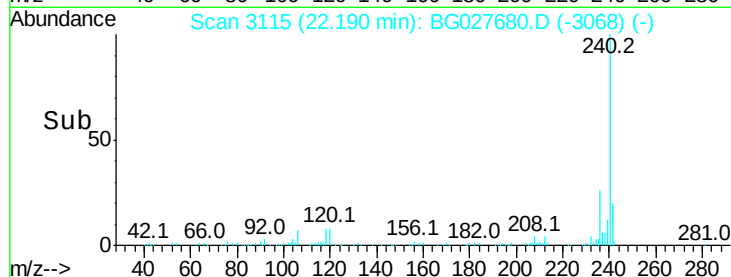
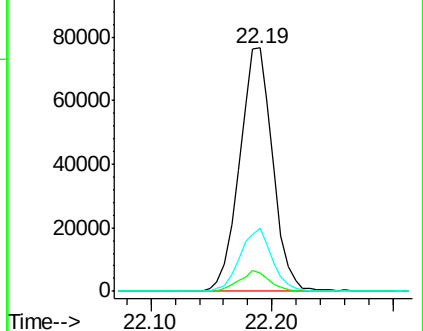
236 25.9 22.2 33.4



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: 113.70 ng

RT: 20.40 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

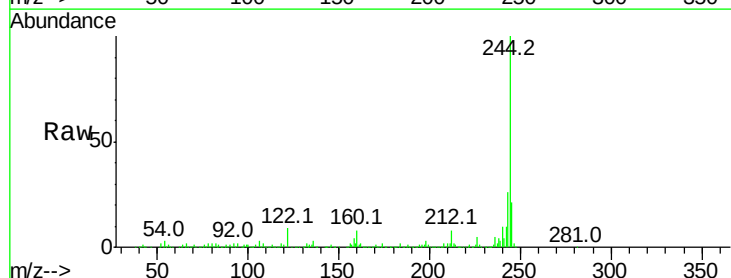
Tgt Ion:244 Resp: 704096

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

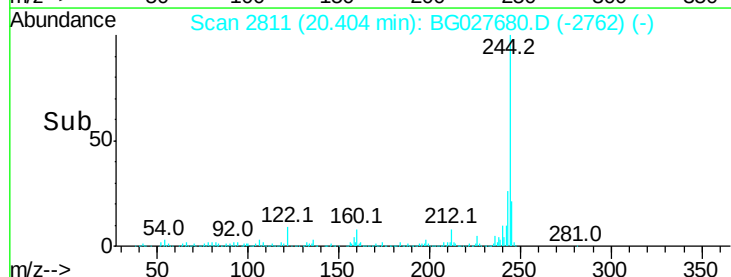
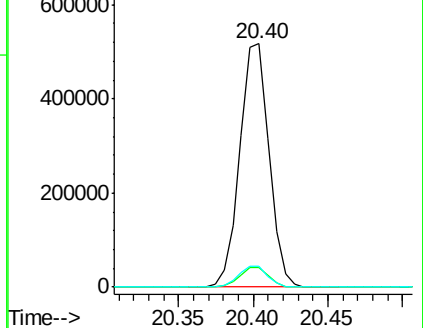
122 8.6 8.6 12.8

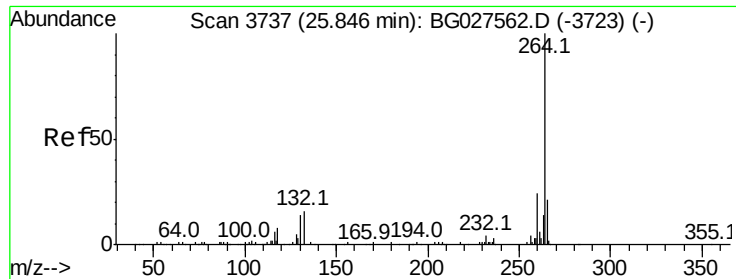


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlone-d12
Concen: 20.00 ng
RT: 25.80 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG027680.D
Acq: 26 Jun 2017 18:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.8	32.8
265	21.3	18.2	27.4

