

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027687.D
 Acq On : 26 Jun 2017 23:06
 Operator : SJ/JU
 Sample : I3912-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:30:23 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

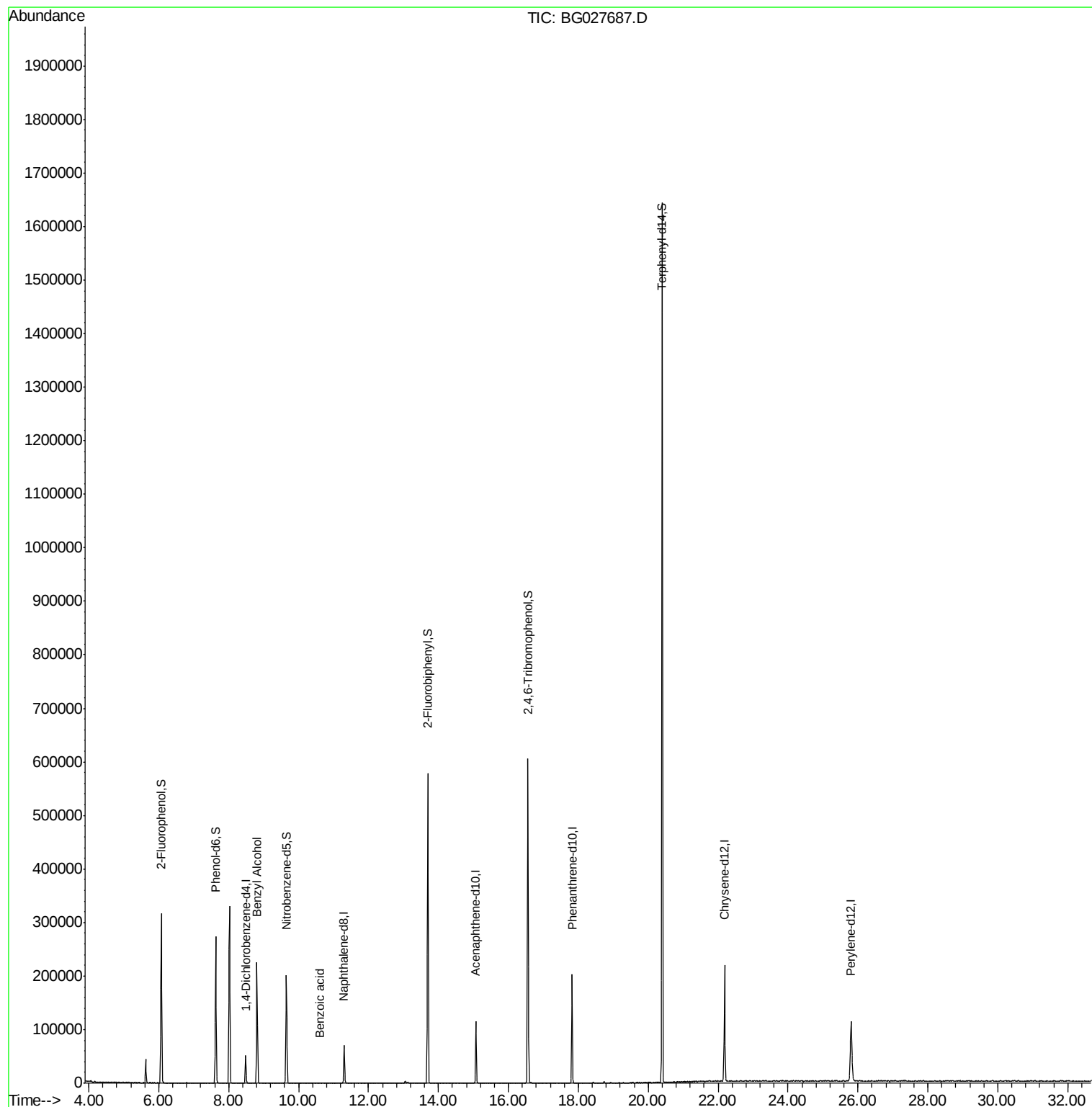
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	13426	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	59224	20.00	ng	-0.03
38) Acenaphthene-d10	15.07	164	39464	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	128630	20.00	ng	-0.02
75) Chrysene-d12	22.18	240	147020	20.00	ng	-0.03
86) Perylene-d12	25.80	264	140846	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	124558	132.04	ng	-0.01
7) Phenol-d6	7.63	99	146022	104.56	ng	-0.01
23) Nitrobenzene-d5	9.65	82	124577	99.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	121110	205.85	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	292563	101.27	ng	-0.02
78) Terphenyl-d14	20.40	244	716082	114.76	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.81	79	2685	2.41	ng	# 75
32) Benzoic acid	10.60	122	53	7.94	ng	# 34

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

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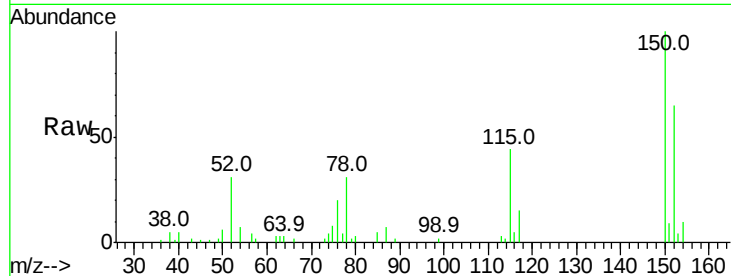


#1

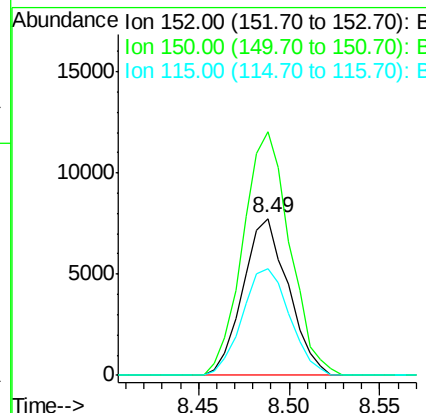
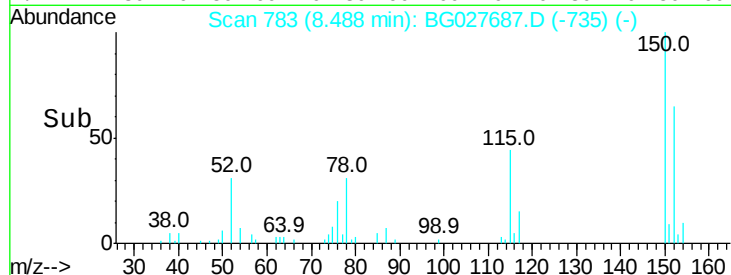
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BG027687.D
Acq: 26 Jun 2017 23:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 13426
Ion Ratio Lower Upper
152 100
150 154.9 114.0 171.0
115 67.6 48.1 72.1



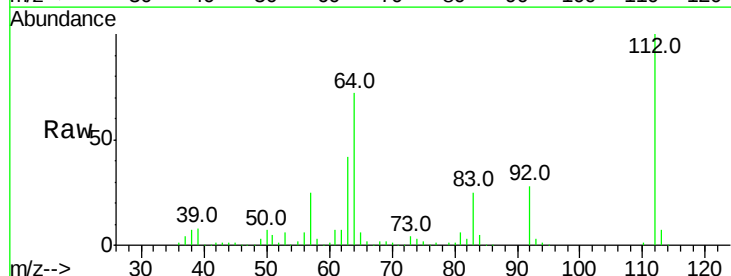
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



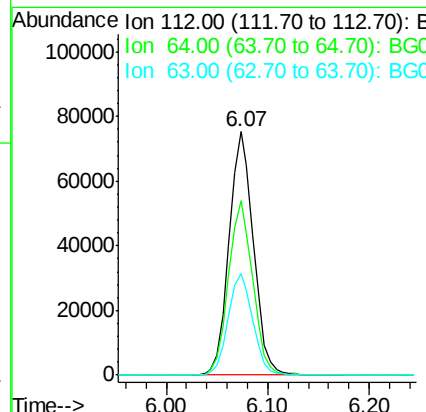
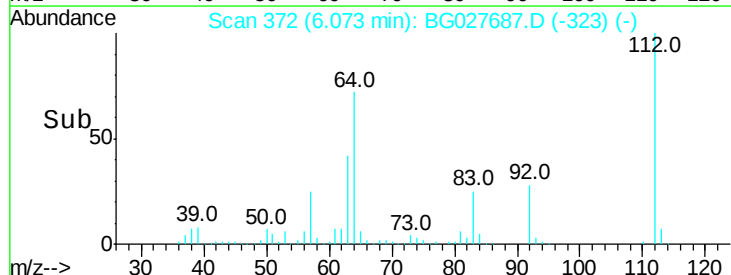
#5

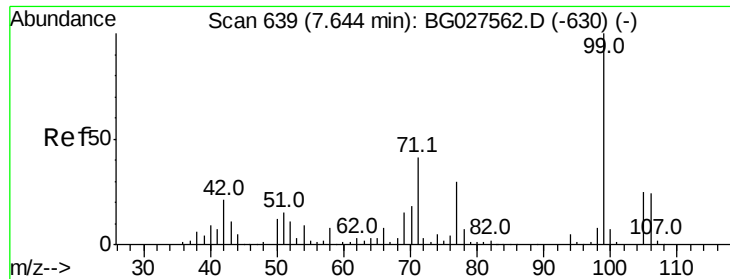
2-Fluorophenol
Concen: 132.04 ng
RT: 6.07 min Scan# 372
Delta R.T. -0.01 min
Lab File: BG027687.D
Acq: 26 Jun 2017 23:06

Tgt Ion:112 Resp: 124558
Ion Ratio Lower Upper
112 100
64 71.6 61.8 92.6
63 41.7 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: 104.56 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BG027687.D

Acq: 26 Jun 2017 23:06

Instrument :

BNA_G

ClientSampled :

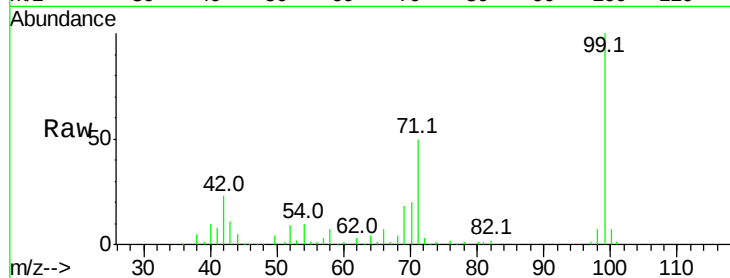
Tot Ion: 99 Resp: 146022

Ion Ratio Lower Upper

99 100

42 23.1 20.5 30.7

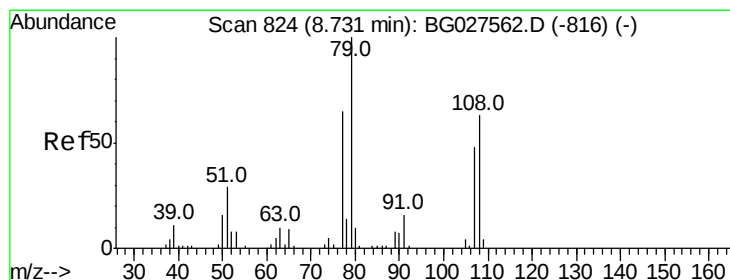
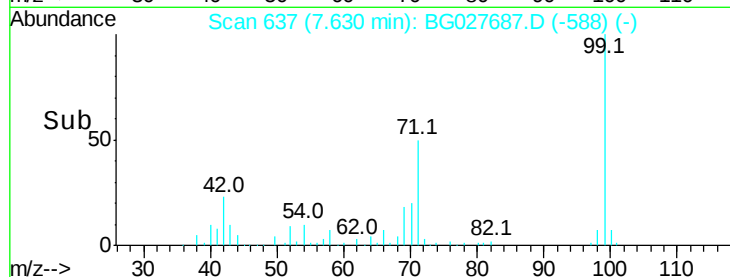
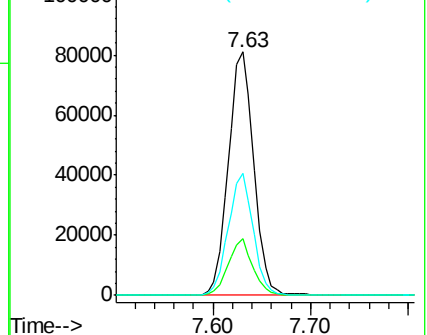
71 50.1 37.6 56.4



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: 2.41 ng

RT: 8.81 min Scan# 838

Delta R.T. 0.08 min

Lab File: BG027687.D

Acq: 26 Jun 2017 23:06

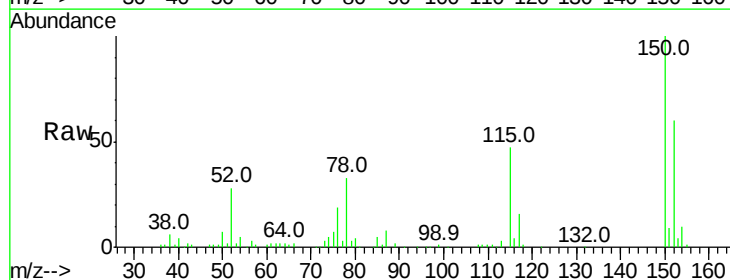
Tgt Ion: 79 Resp: 2685

Ion Ratio Lower Upper

79 100

108 43.7 45.5 68.3#

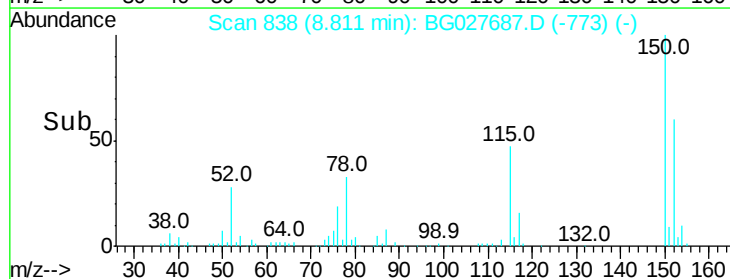
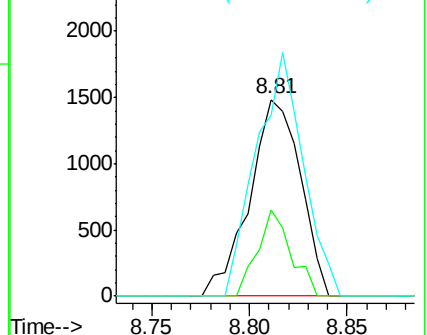
77 92.2 54.3 81.5#

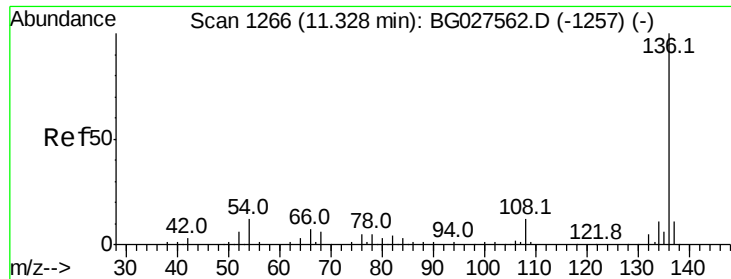


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

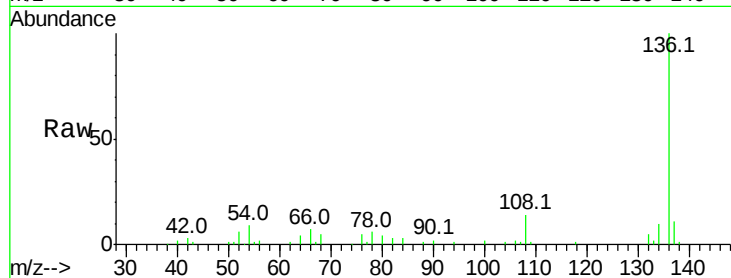




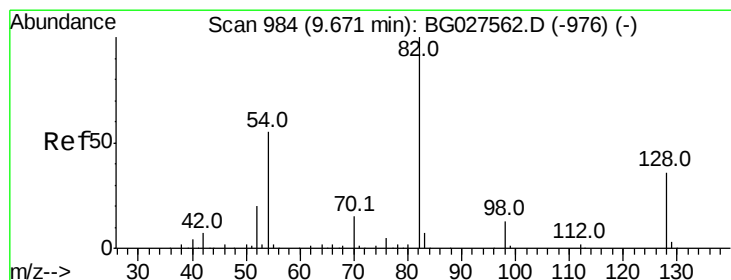
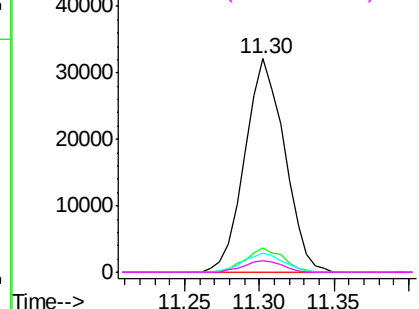
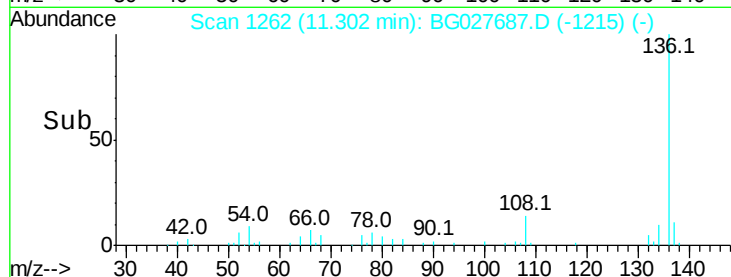
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BG027687.D
Acq: 26 Jun 2017 23:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	59224
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.8	9.3	13.9
68	5.3	5.1	7.7

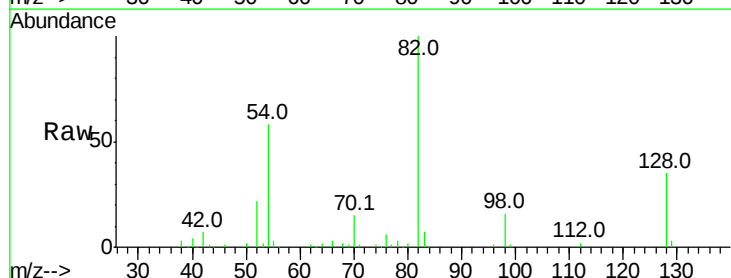


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

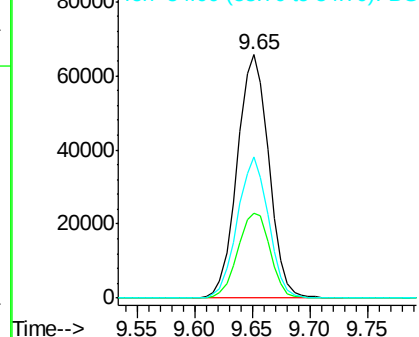
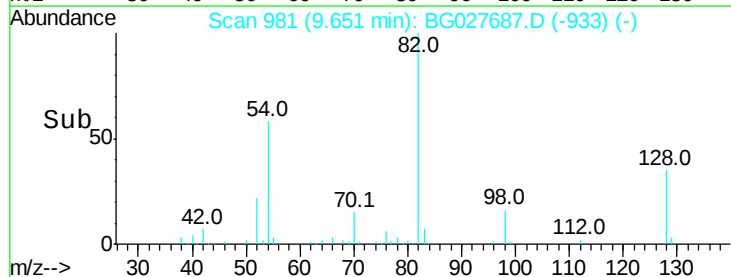


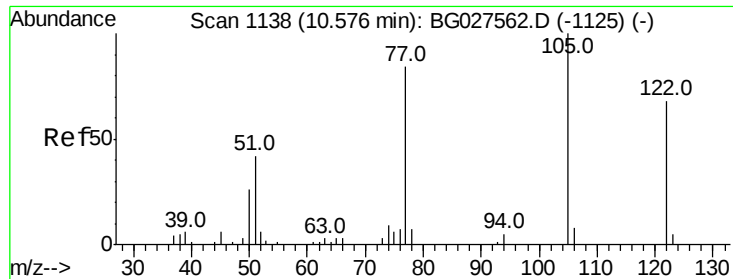
#23
Nitrobenzene-d5
Concen: 99.53 ng
RT: 9.65 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG027687.D
Acq: 26 Jun 2017 23:06

Tgt Ion:	82	Resp:	124577
Ion	Ratio	Lower	Upper
82	100		
128	35.1	26.4	39.6
54	58.2	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

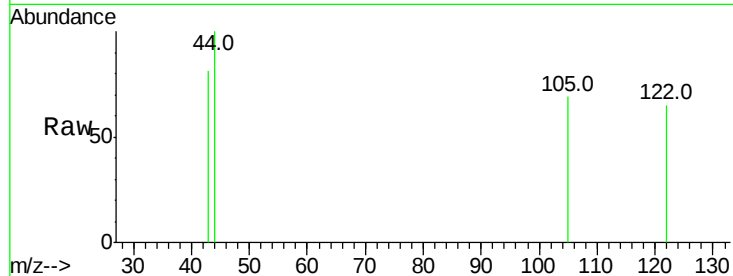




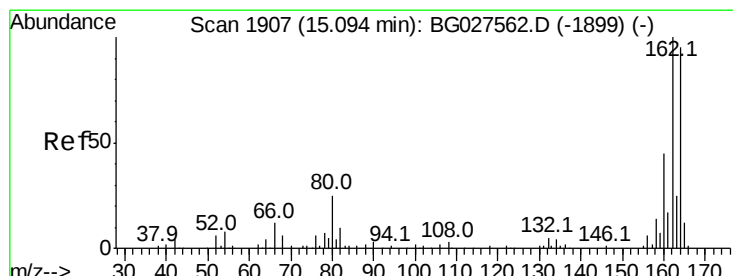
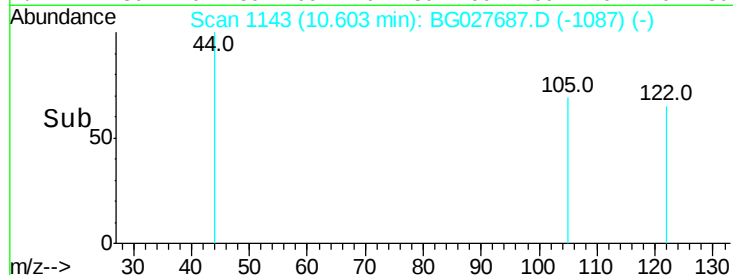
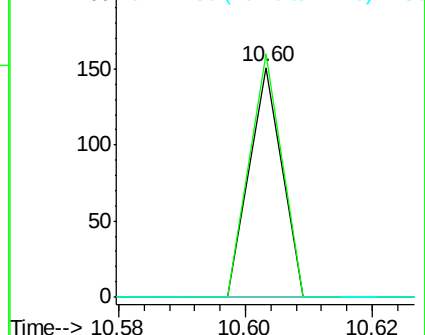
#32
Benzoic acid
Concen: 7.94 ng
RT: 10.60 min Scan# 1143
Delta R.T. 0.03 min
Lab File: BG027687.D
Acq: 26 Jun 2017 23:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 106.0 120.1 160.1#
77 0.0 104.6 144.6#

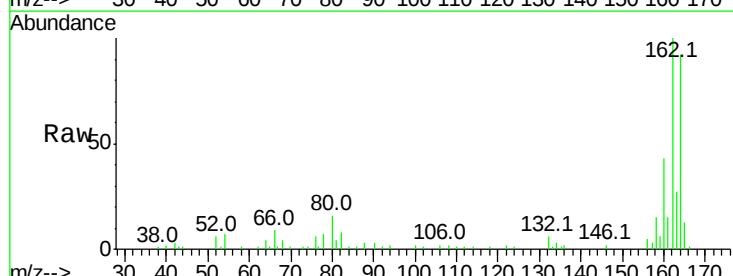


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

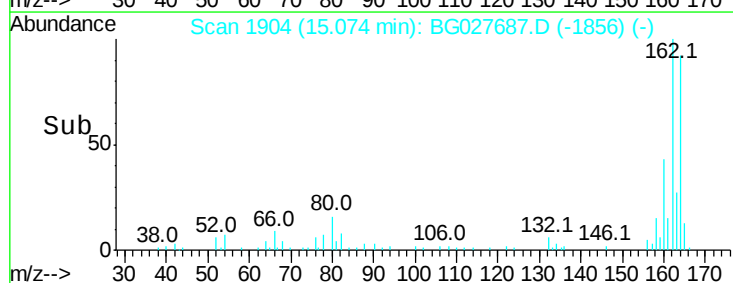
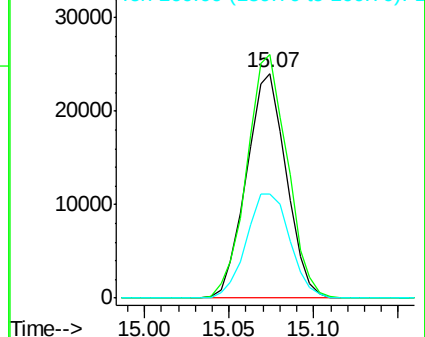


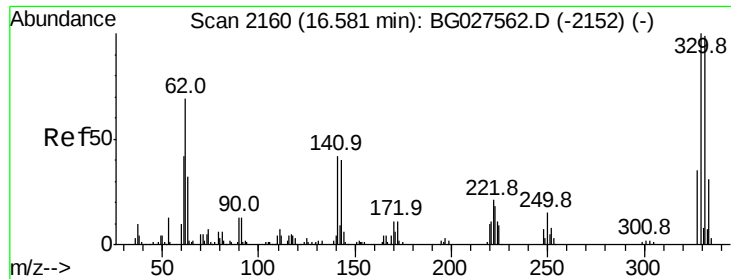
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG027687.D
Acq: 26 Jun 2017 23:06

Tgt Ion:164 Resp: 39464
Ion Ratio Lower Upper
164 100
162 108.5 85.1 127.7
160 46.6 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: 205.85 ng

RT: 16.56 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BG027687.D

Acq: 26 Jun 2017 23:06

Instrument :

BNA_G

ClientSampleId :

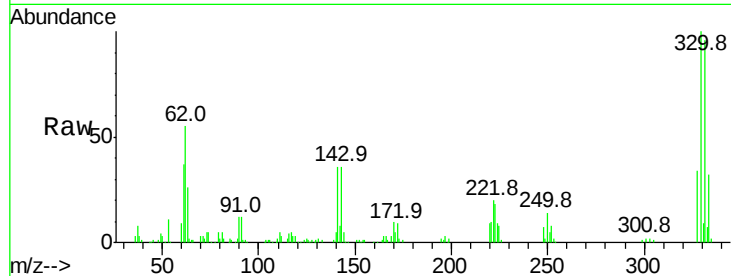
Tot Ion:330 Resp: 121110

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

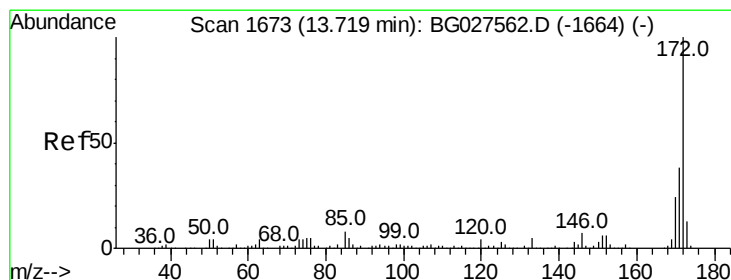
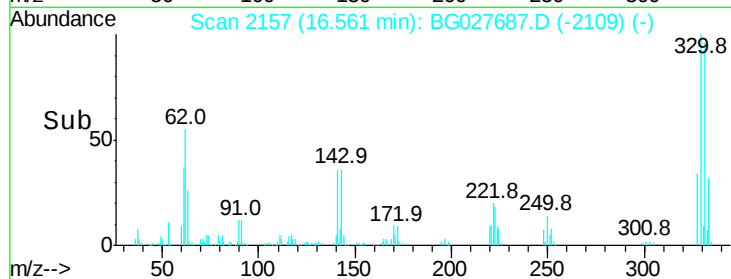
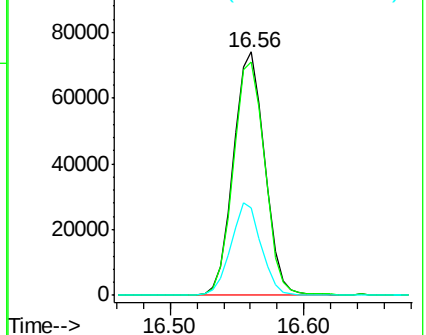
141 36.8 32.1 48.1



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: 101.27 ng

RT: 13.70 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BG027687.D

Acq: 26 Jun 2017 23:06

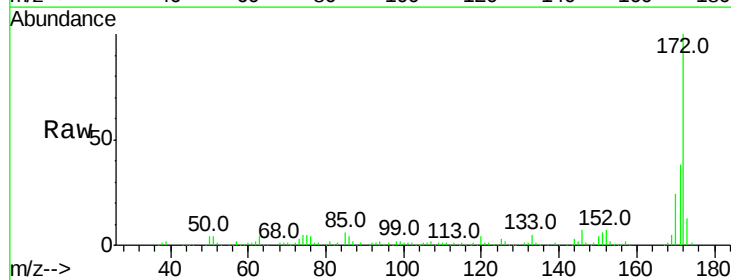
Tgt Ion:172 Resp: 292563

Ion Ratio Lower Upper

172 100

171 37.5 32.2 48.2

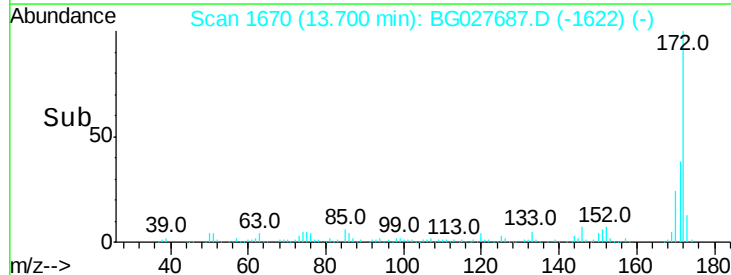
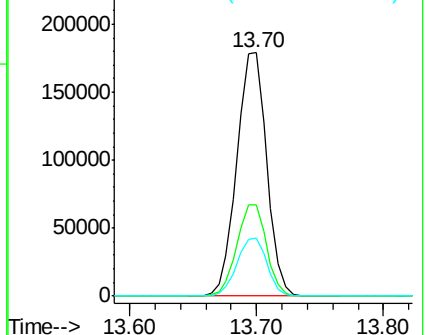
170 23.6 21.8 32.6

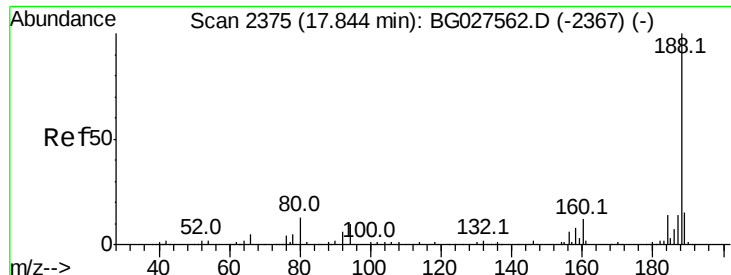


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG027687.D

Acq: 26 Jun 2017 23:06

Instrument :

BNA_G

ClientSampled :

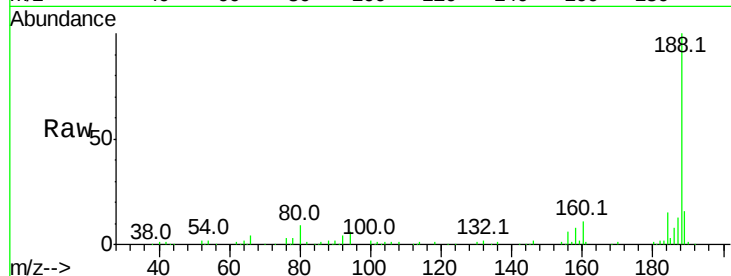
Tot Ion:188 Resp: 128630

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

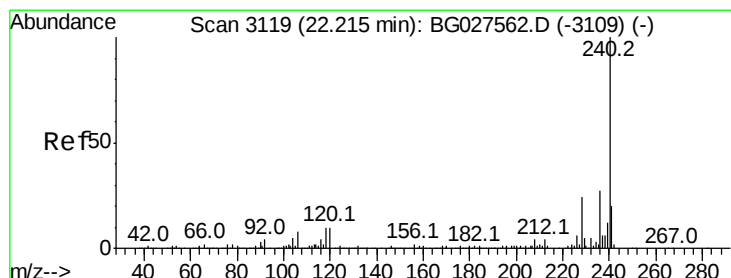
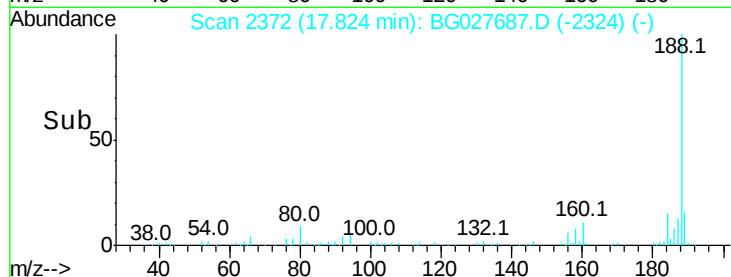
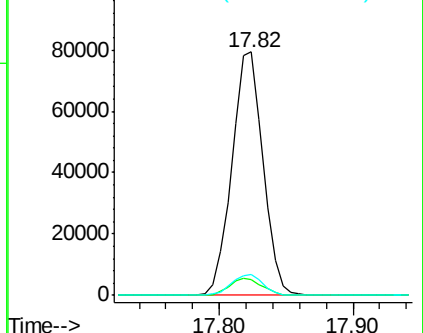
80 8.7 7.5 11.3



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: 22.18 min Scan# 3114

Delta R.T. -0.03 min

Lab File: BG027687.D

Acq: 26 Jun 2017 23:06

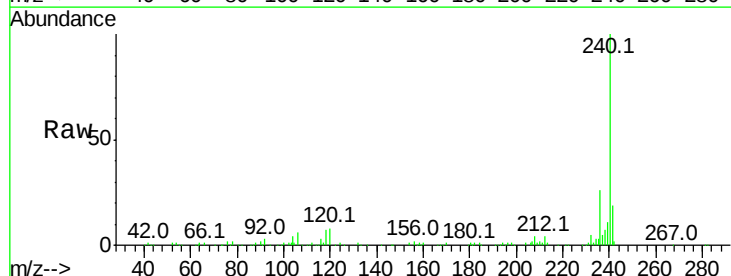
Tgt Ion:240 Resp: 147020

Ion Ratio Lower Upper

240 100

120 7.9 5.7 8.5

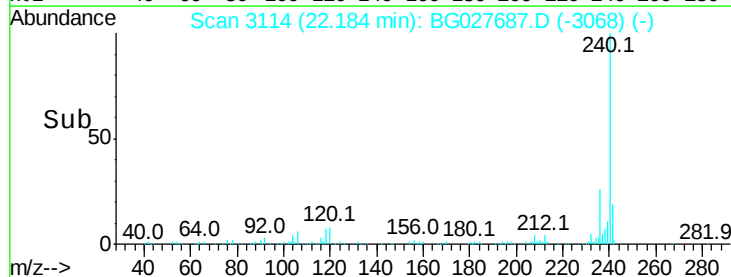
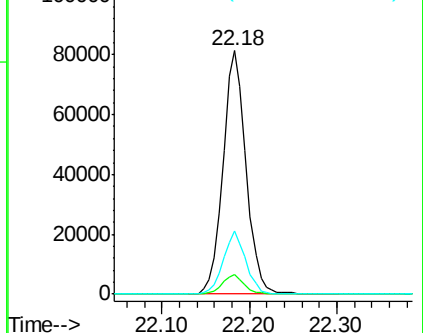
236 25.9 22.2 33.4

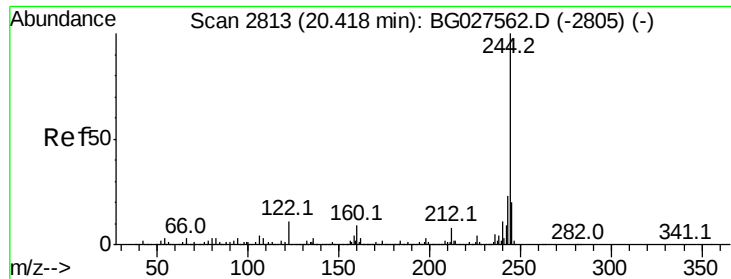


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

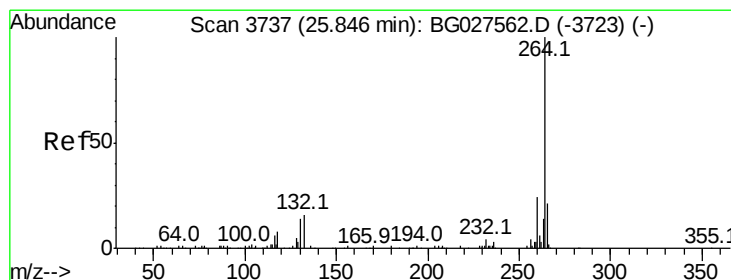
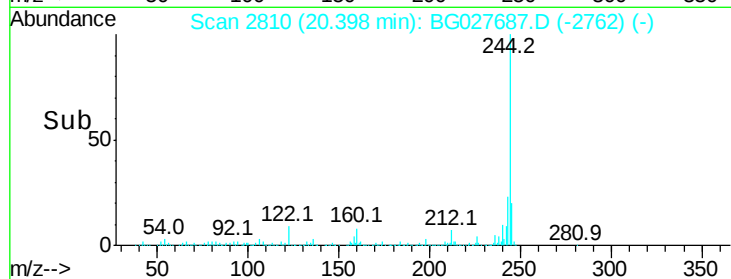
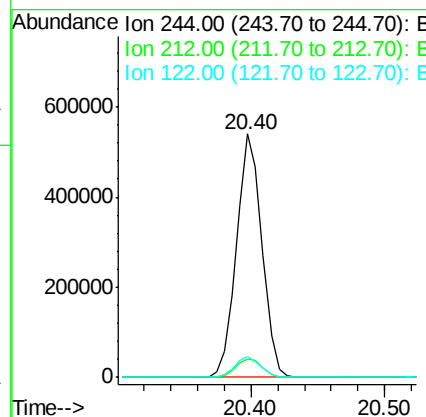
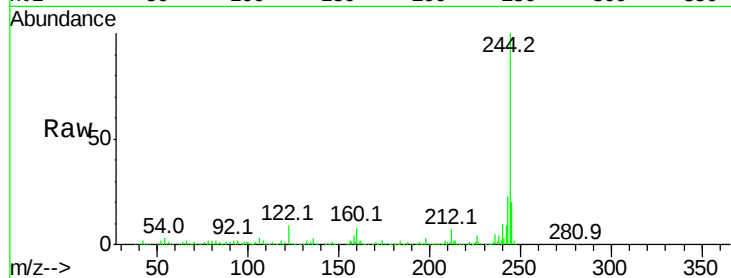




#78
 Terphenyl-d14
 Concen: 114.76 ng
 RT: 20.40 min Scan# 2810
 Delta R.T. -0.02 min
 Lab File: BG027687.D
 Acq: 26 Jun 2017 23:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	8.7	8.6	12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.80 min Scan# 3730
 Delta R.T. -0.04 min
 Lab File: BG027687.D
 Acq: 26 Jun 2017 23:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	23.5	18.2	27.4

