

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061517\
 Data File : BG027458.D
 Acq On : 16 Jun 2017 1:40
 Operator : SJ/MA
 Sample : I3681-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 16 02:17:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

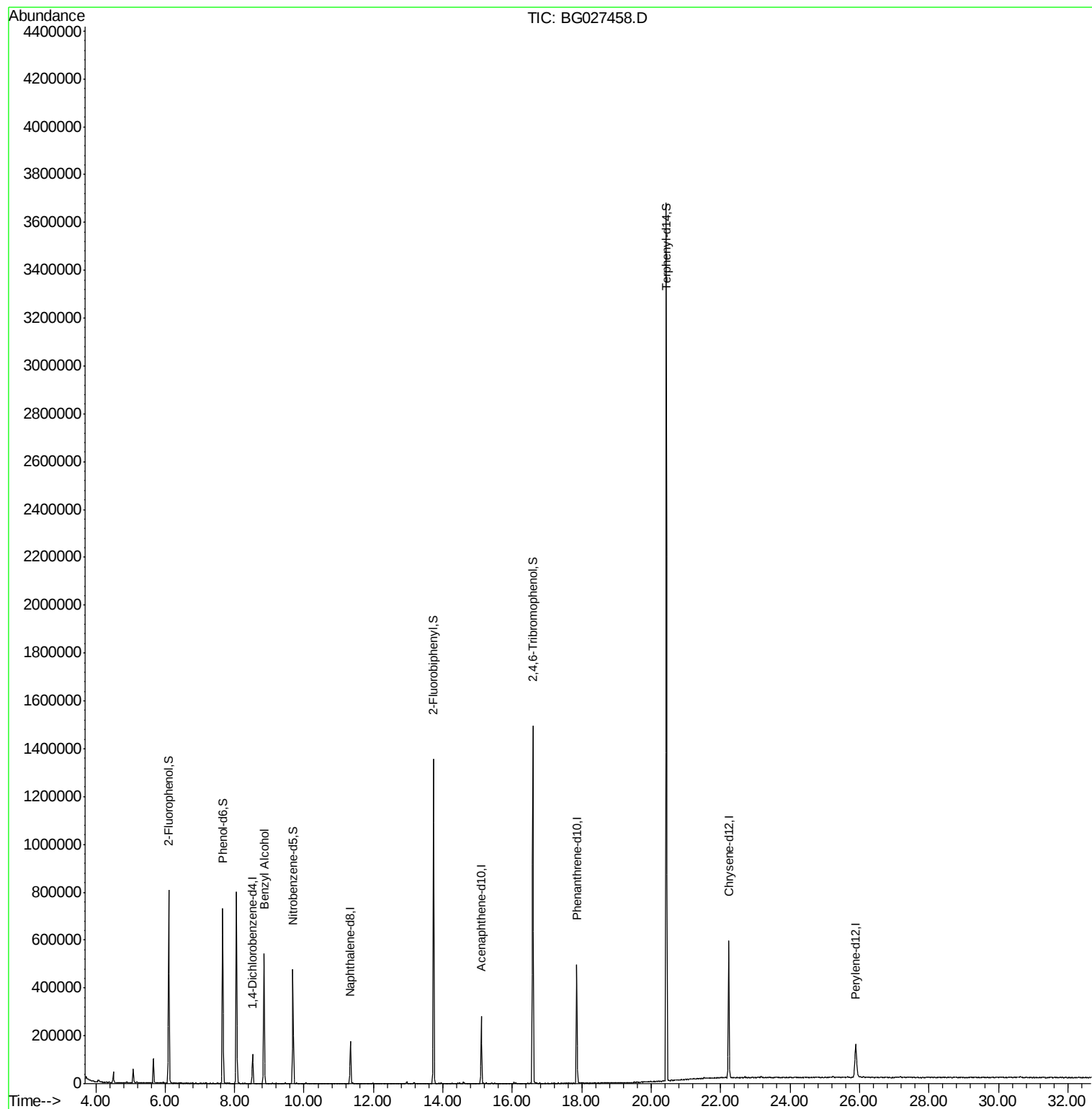
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	33254	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	152176	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	92909	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	304222	20.00	ng	0.00
75) Chrysene-d12	22.23	240	364603	20.00	ng	0.00
86) Perylene-d12	25.88	264	124028	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	352861	149.96	ng	0.00
7) Phenol-d6	7.65	99	454904	125.80	ng	0.00
23) Nitrobenzene-d5	9.68	82	312309	104.63	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	288941	207.21	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	690974	107.44	ng	0.00
78) Terphenyl-d14	20.43	244	1673418	117.63	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.85	79	5415	2.07	ng	Qvalue # 42

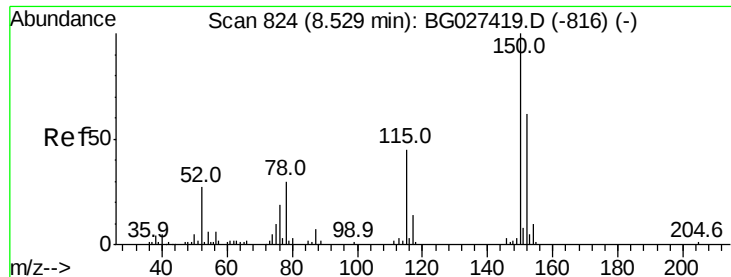
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.52 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG027458.D

Acq: 16 Jun 2017 1:40

Instrument :

BNA_G

ClientSampled :

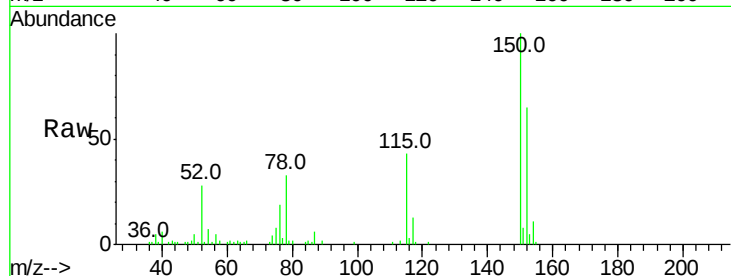
Tot Ion:152 Resp: 33254

Ion Ratio Lower Upper

152 100

150 152.8 114.0 171.0

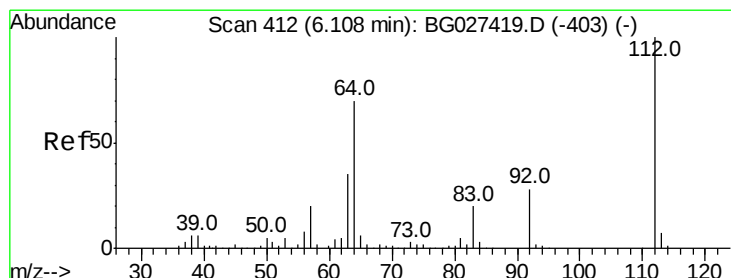
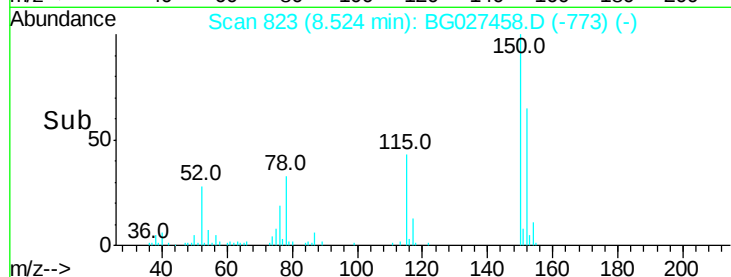
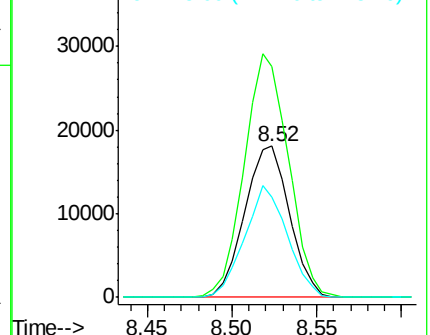
115 66.0 48.1 72.1



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: 149.96 ng

RT: 6.10 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG027458.D

Acq: 16 Jun 2017 1:40

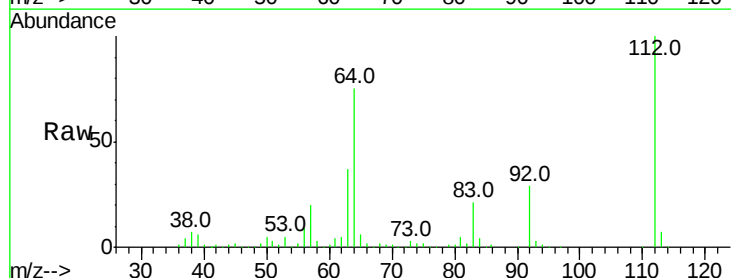
Tgt Ion:112 Resp: 352861

Ion Ratio Lower Upper

112 100

64 75.3 61.8 92.6

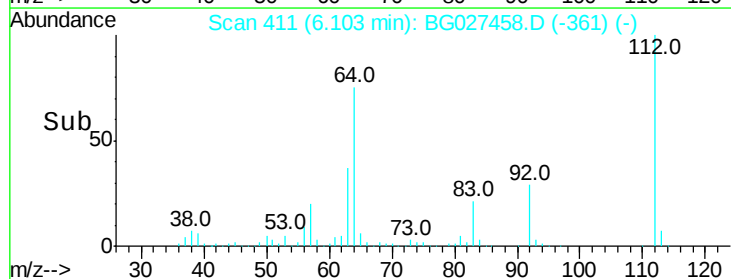
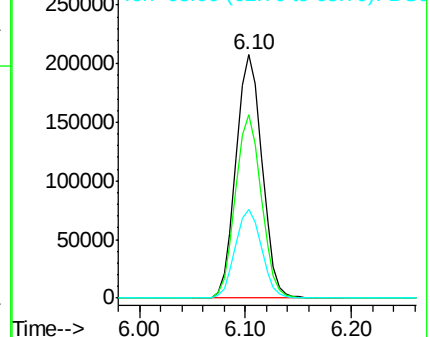
63 36.5 37.2 55.8#

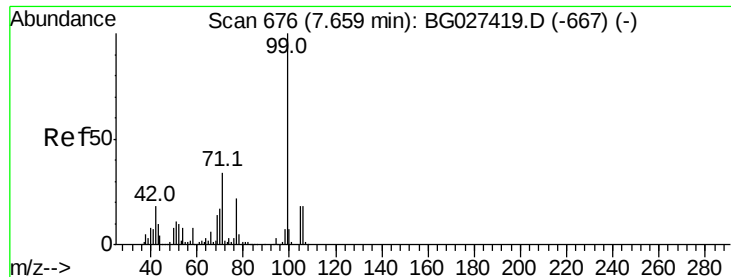


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 125.80 ng

RT: 7.65 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG027458.D

Acq: 16 Jun 2017 1:40

Instrument :

BNA_G

ClientSampleId :

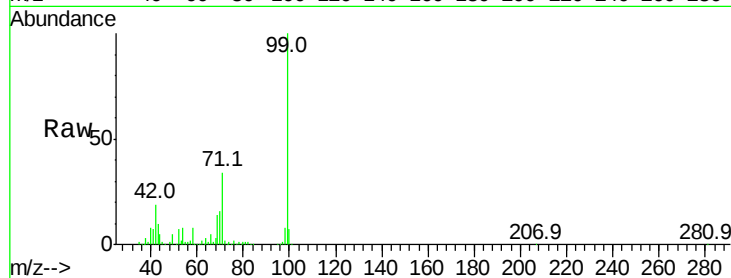
Tot Ion: 99 Resp: 454904

Ion Ratio Lower Upper

99 100

42 19.2 20.5 30.7#

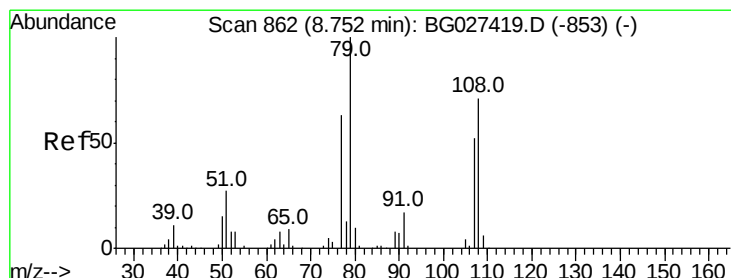
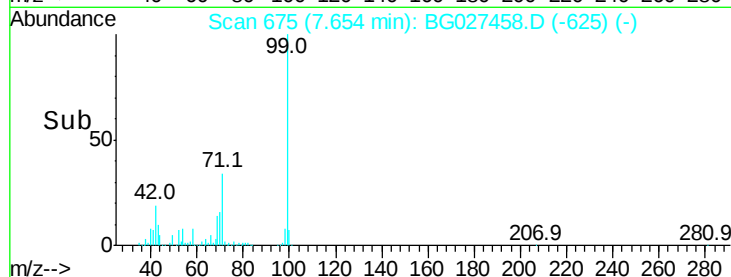
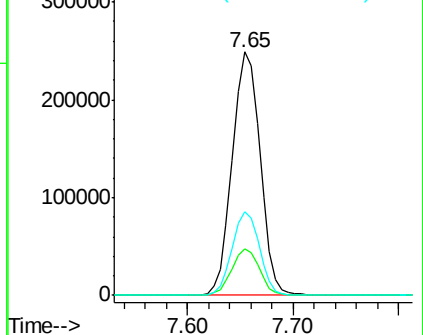
71 34.4 37.6 56.4#



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: 2.07 ng

RT: 8.85 min Scan# 878

Delta R.T. 0.10 min

Lab File: BG027458.D

Acq: 16 Jun 2017 1:40

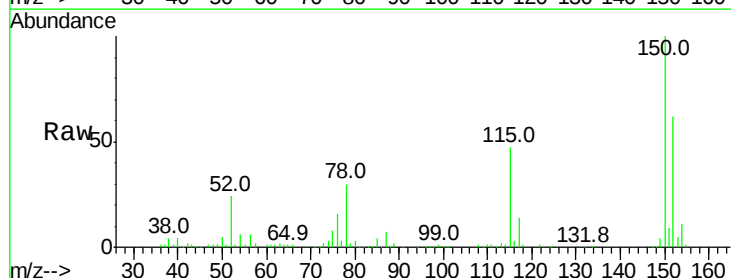
Tgt Ion: 79 Resp: 5415

Ion Ratio Lower Upper

79 100

108 24.3 45.5 68.3#

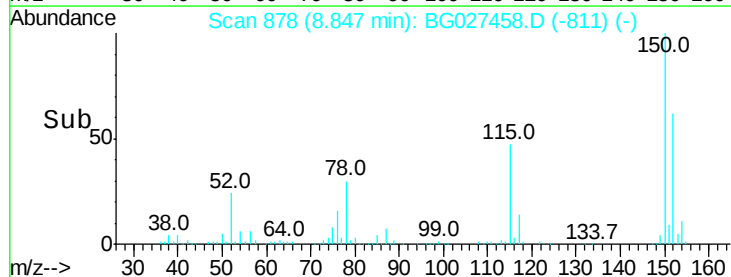
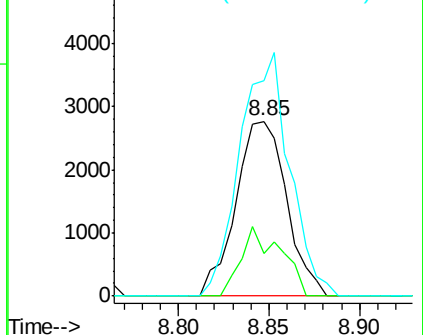
77 123.3 54.3 81.5#

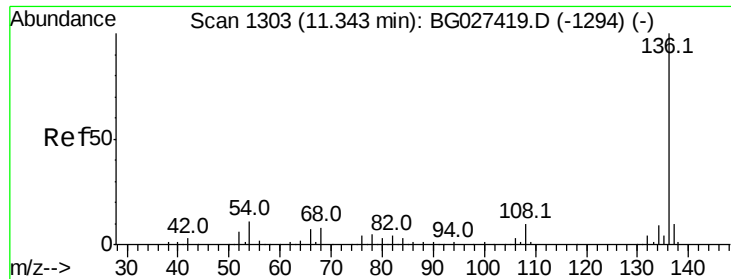


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

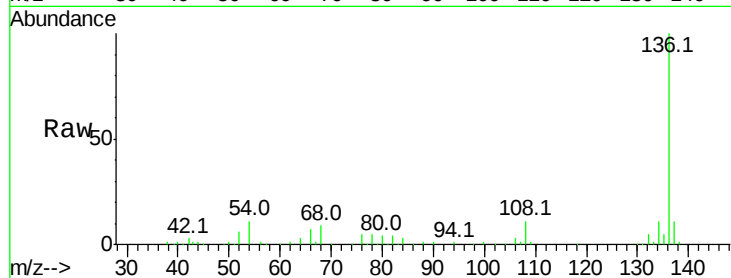




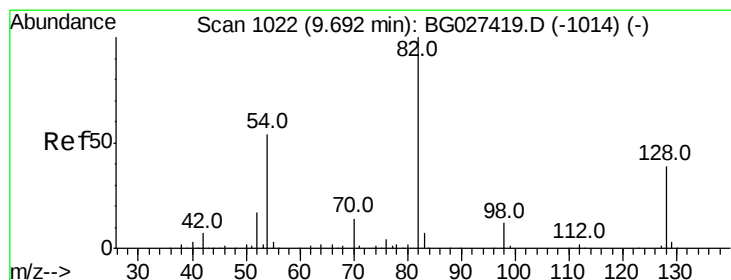
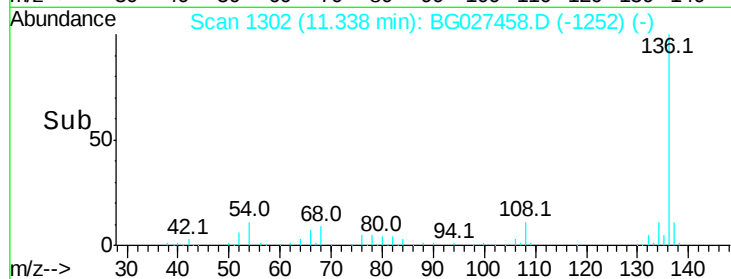
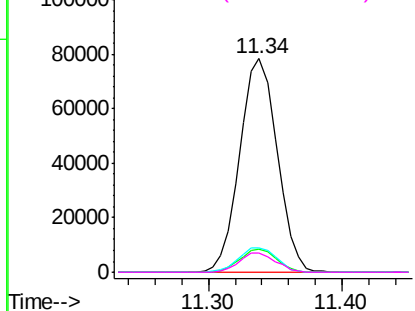
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.34 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG027458.D
Acq: 16 Jun 2017 1:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	152176
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	11.4	9.3 13.9
68	8.9	5.1 7.7#

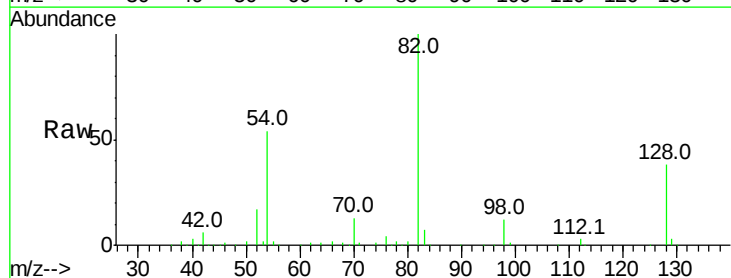


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

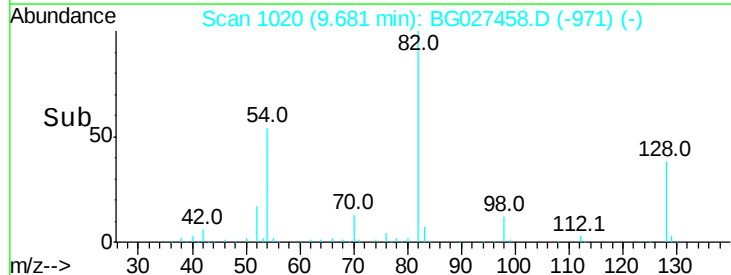
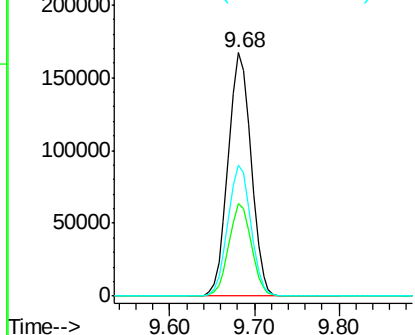


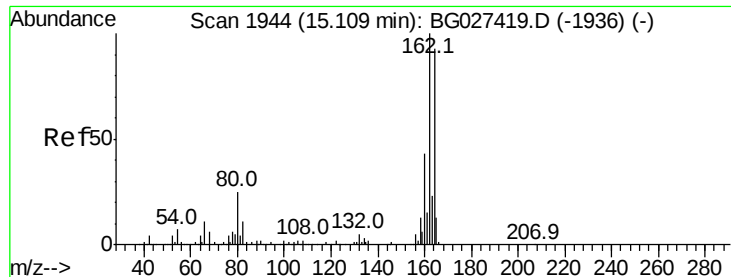
#23
Nitrobenzene-d5
Concen: 104.63 ng
RT: 9.68 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG027458.D
Acq: 16 Jun 2017 1:40

Tgt Ion: 82	Resp:	312309
Ion Ratio	Lower	Upper
82	100	
128	38.1	26.4 39.6
54	53.6	49.4 74.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.10 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG027458.D

Acq: 16 Jun 2017 1:40

Instrument :

BNA_G

ClientSampleId :

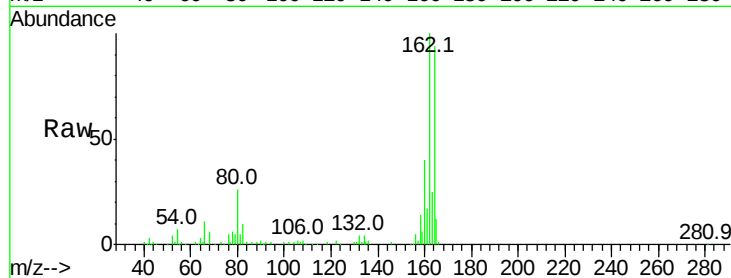
Tot Ion:164 Resp: 92909

Ion Ratio Lower Upper

164 100

162 106.5 85.1 127.7

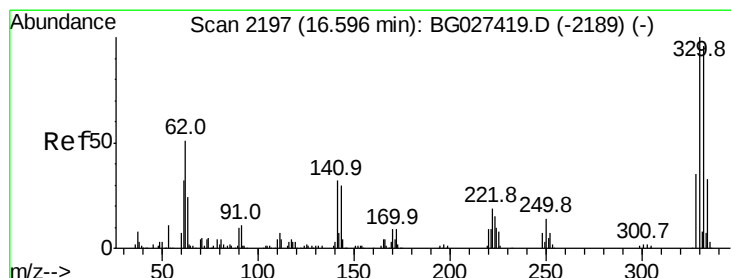
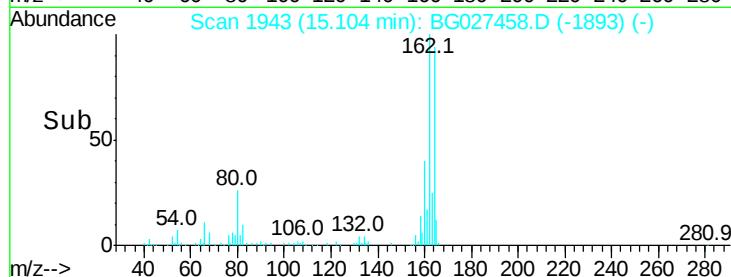
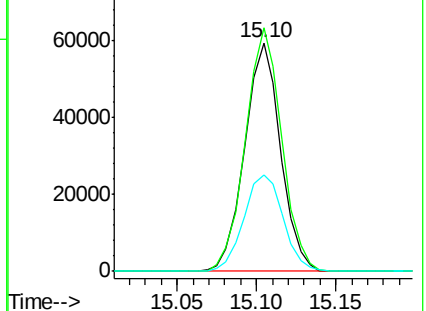
160 42.1 34.7 52.1



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: 207.21 ng

RT: 16.59 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG027458.D

Acq: 16 Jun 2017 1:40

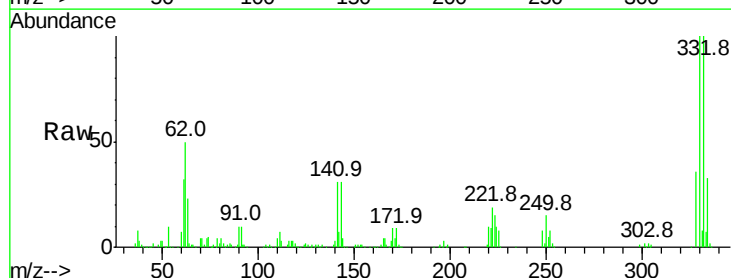
Tgt Ion:330 Resp: 288941

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

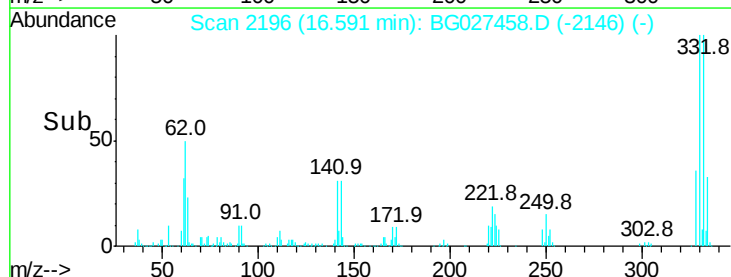
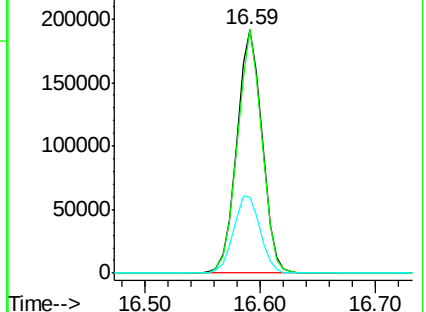
141 33.9 32.1 48.1

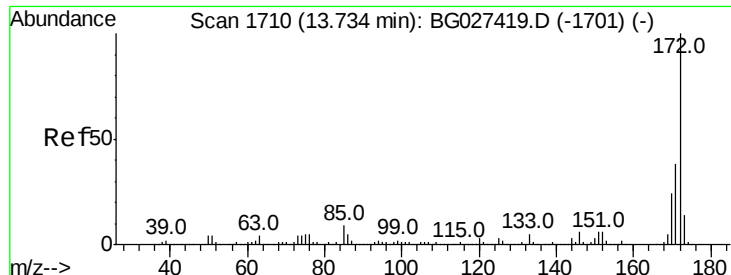


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

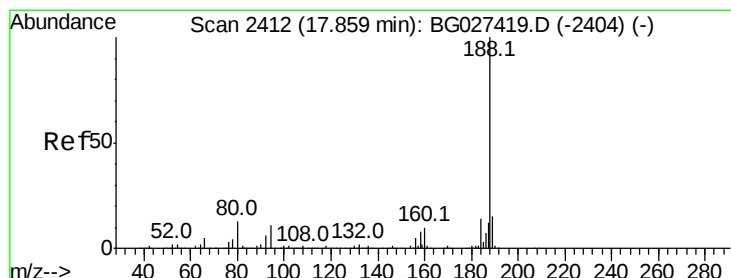
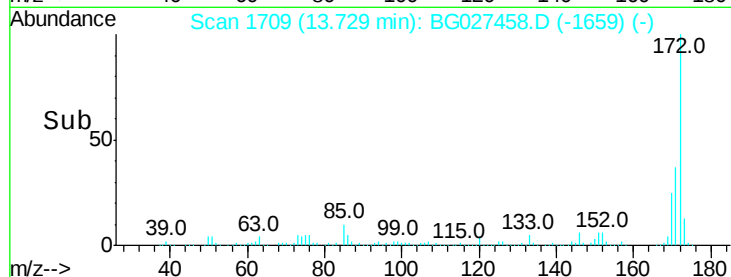
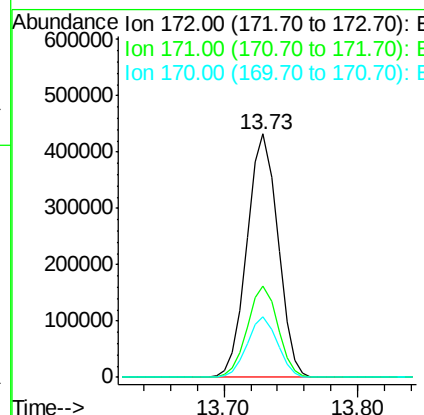
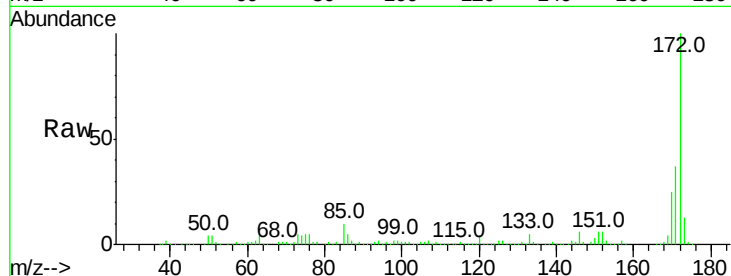




#44
 2-Fluorobiphenyl
 Concen: 107.44 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG027458.D
 Acq: 16 Jun 2017 1:40

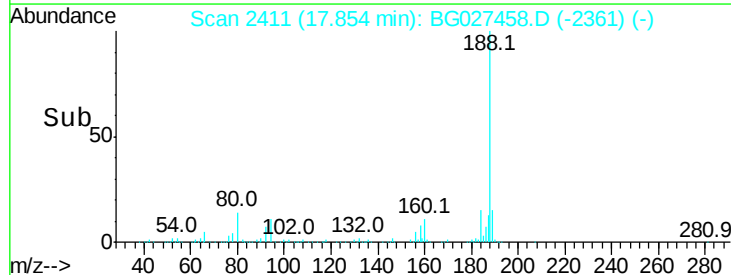
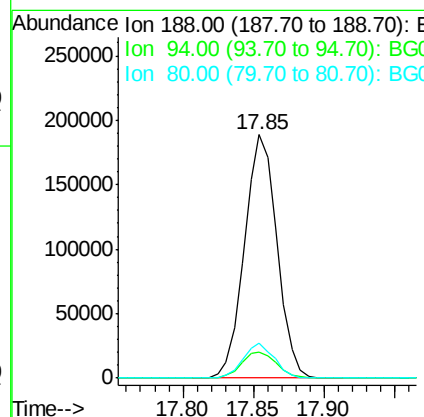
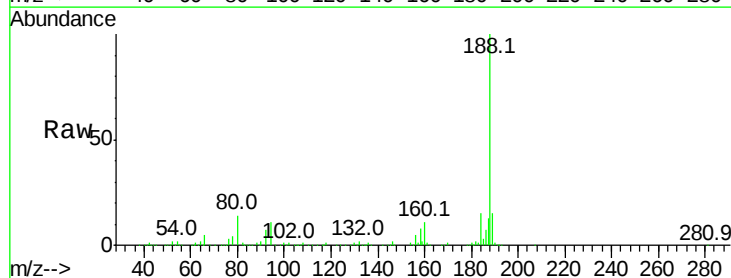
Instrument :
 BNA_G
 ClientSampleId :

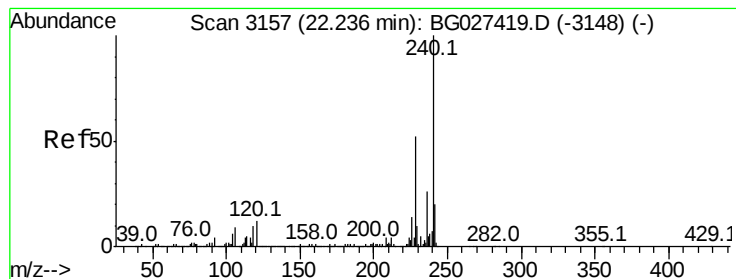
Tot Ion:172 Resp: 690974
 Ion Ratio Lower Upper
 172 100
 171 37.5 32.2 48.2
 170 24.8 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.85 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BG027458.D
 Acq: 16 Jun 2017 1:40

Tgt Ion:188 Resp: 304222
 Ion Ratio Lower Upper
 188 100
 94 10.5 5.8 8.8#
 80 14.3 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG027458.D

Acq: 16 Jun 2017 1:40

Instrument :

BNA_G

ClientSampleId :

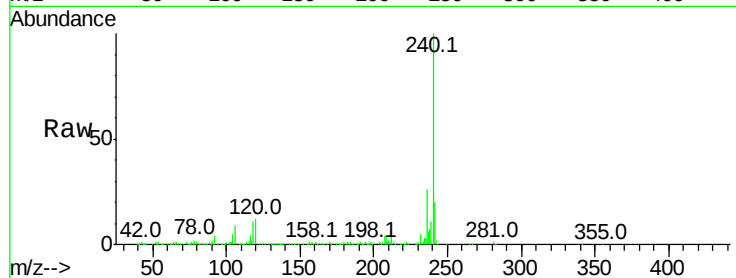
Tot Ion:240 Resp: 364603

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

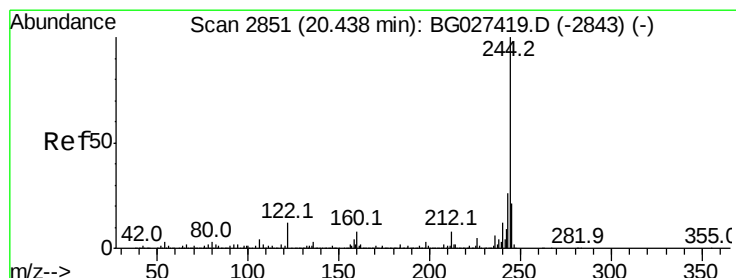
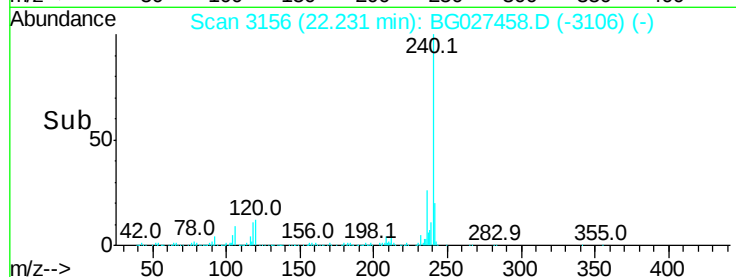
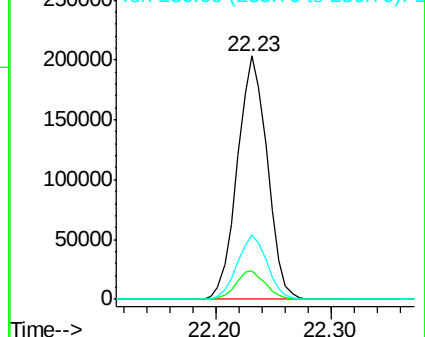
236 26.2 22.2 33.4



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: 117.63 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG027458.D

Acq: 16 Jun 2017 1:40

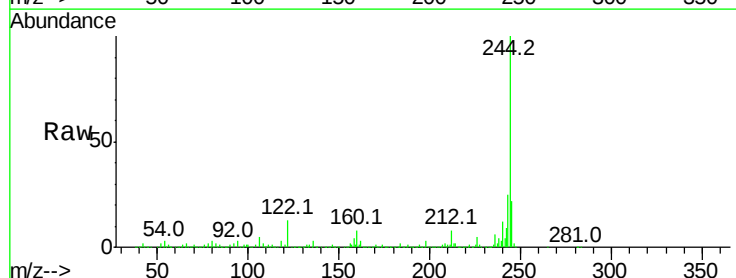
Tgt Ion:244 Resp: 1673418

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

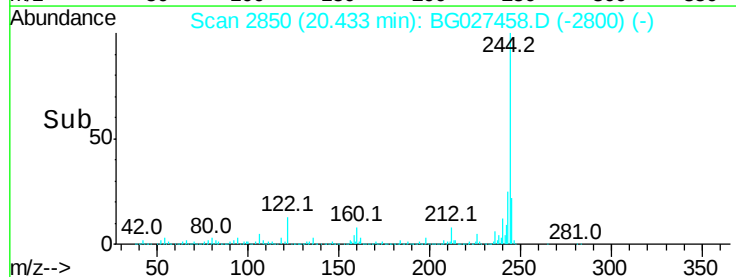
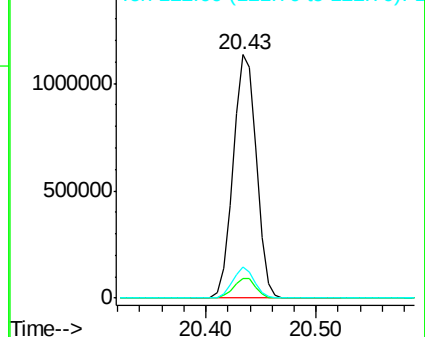
122 12.7 8.6 12.8

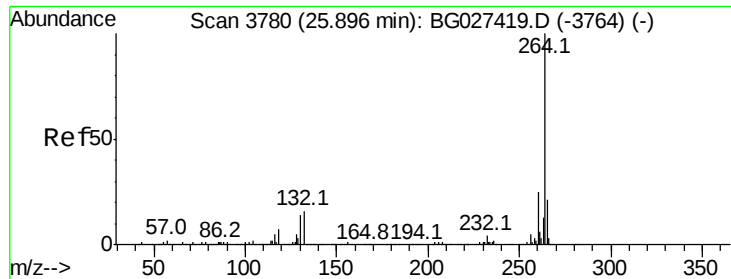


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

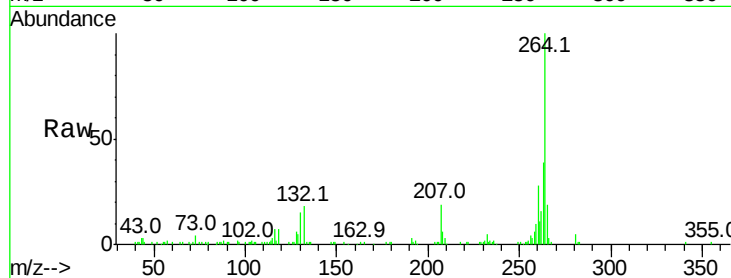




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.88 min Scan# 3777
Delta R.T. -0.02 min
Lab File: BG027458.D
Acq: 16 Jun 2017 1:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.8	32.8
265	19.5	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

