

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070517\
 Data File : BG027859.D
 Acq On : 5 Jul 2017 22:27
 Operator : SJ/JU
 Sample : I4052-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 06 01:01:21 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

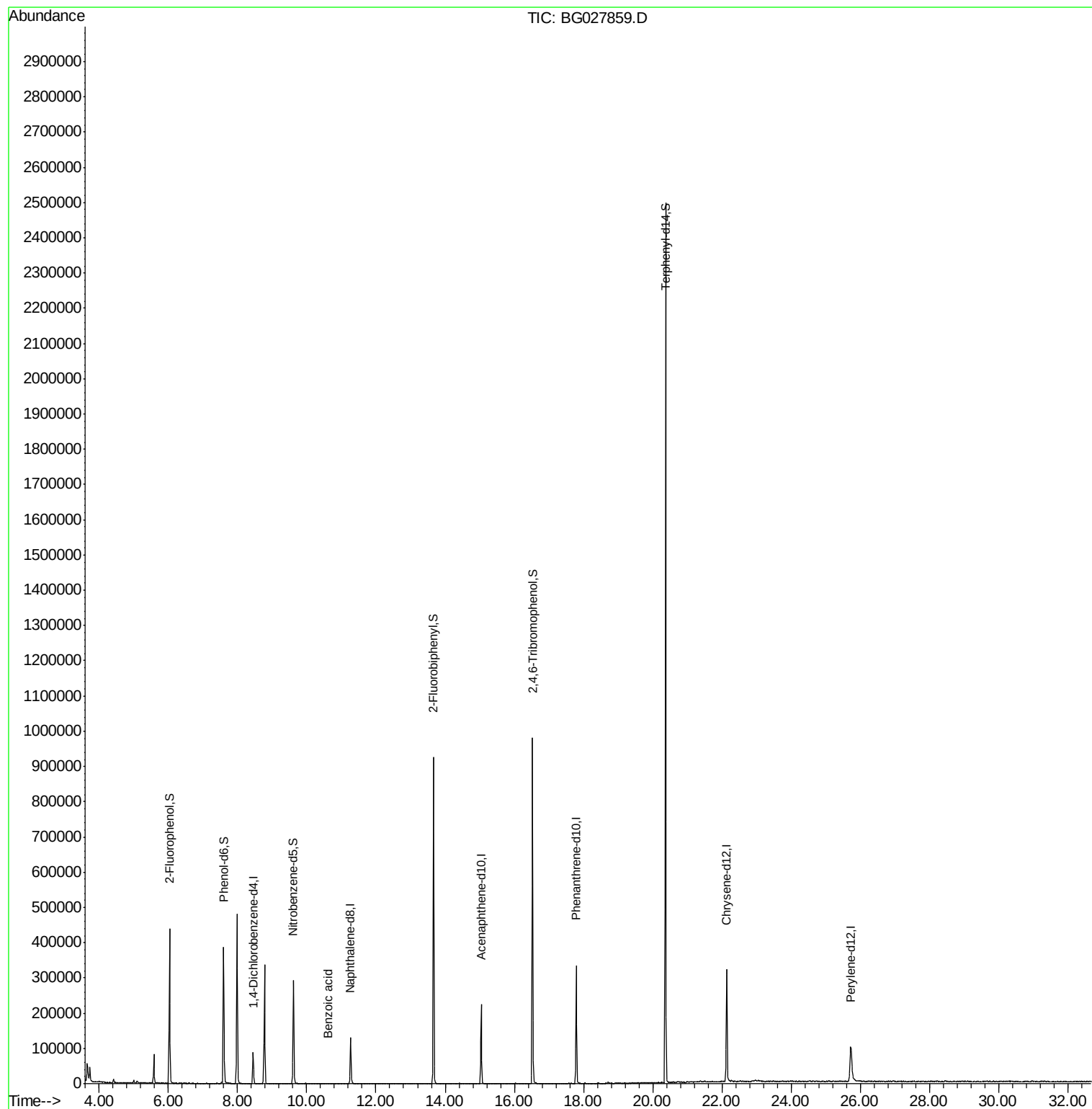
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	25866	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	121357	20.00	ng	-0.03
38) Acenaphthene-d10	15.04	164	76684	20.00	ng	-0.03
63) Phenanthrene-d10	17.79	188	214681	20.00	ng	-0.03
75) Chrysene-d12	22.14	240	224137	20.00	ng	-0.04
86) Perylene-d12	25.72	264	103978	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	196410	116.93	ng	-0.03
7) Phenol-d6	7.60	99	235726	91.86	ng	-0.02
23) Nitrobenzene-d5	9.62	82	180516	82.91	ng	-0.03
41) 2,4,6-Tribromophenol	16.53	330	209023	198.73	ng	-0.03
44) 2-Fluorobiphenyl	13.66	172	490261	91.31	ng	-0.03
78) Terphenyl-d14	20.37	244	1093681	114.39	ng	-0.02
Target Compounds						
32) Benzoic acid	10.63	122	60	8.90	ng	Qvalue # 1

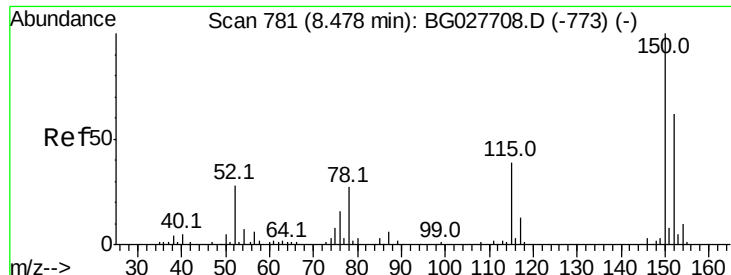
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070517\
Data File : BG027859.D
Acq On : 5 Jul 2017 22:27
Operator : SJ/JU
Sample : I4052-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 06 01:01:21 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.45 min Scan# 827

Delta R.T. -0.03 min

Lab File: BG027859.D

Acq: 5 Jul 2017 22:27

Instrument :

BNA_G

ClientSampleId :

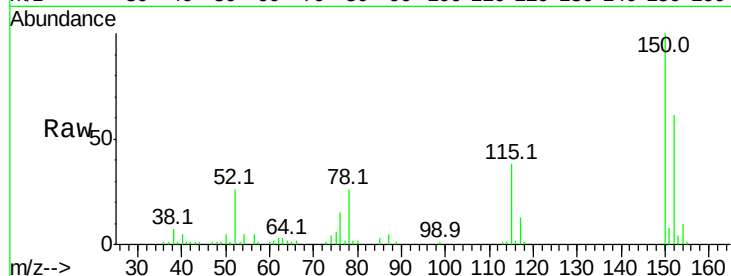
Tot Ion:152 Resp: 25866

Ion Ratio Lower Upper

152 100

150 162.9 114.0 171.0

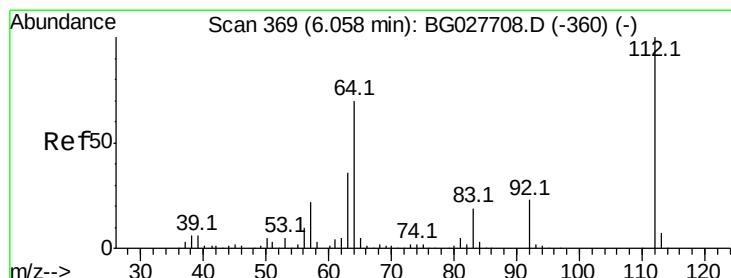
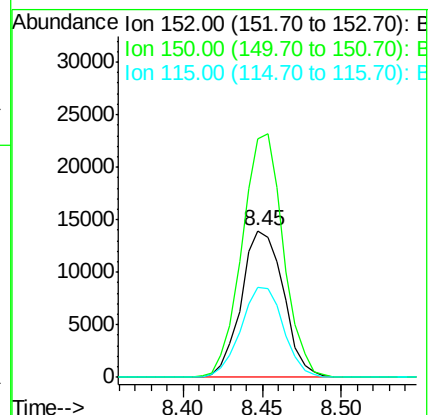
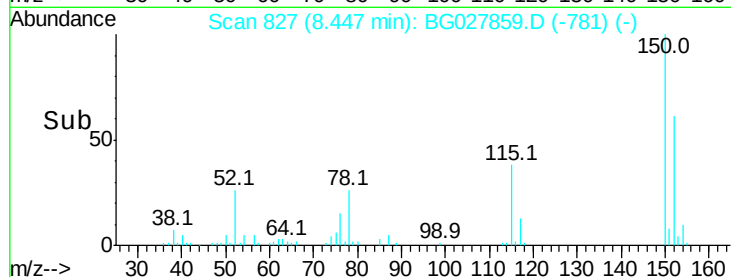
115 61.6 48.1 72.1



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: 116.93 ng

RT: 6.03 min Scan# 416

Delta R.T. -0.03 min

Lab File: BG027859.D

Acq: 5 Jul 2017 22:27

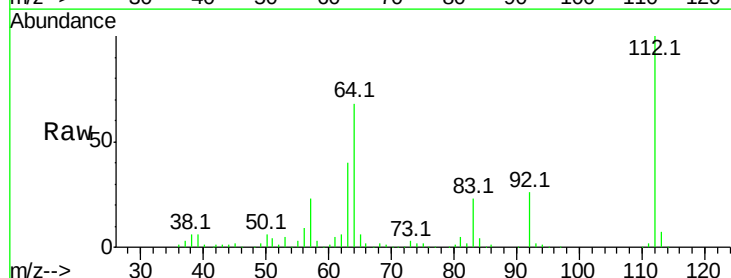
Tgt Ion:112 Resp: 196410

Ion Ratio Lower Upper

112 100

64 68.3 61.8 92.6

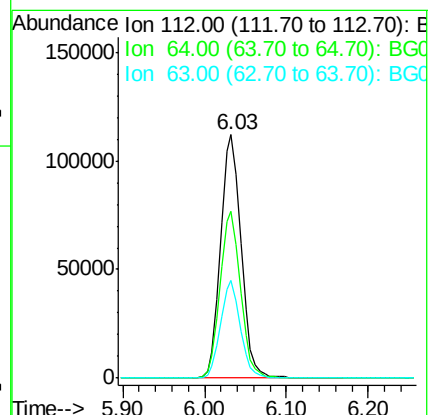
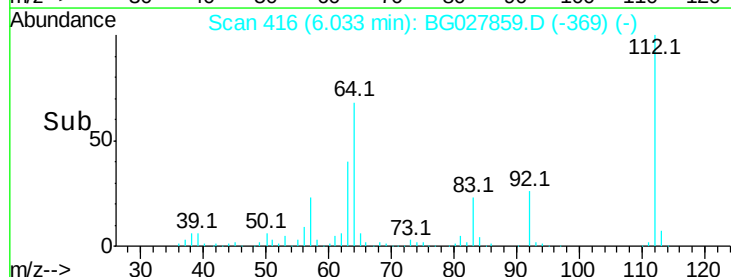
63 40.2 37.2 55.8

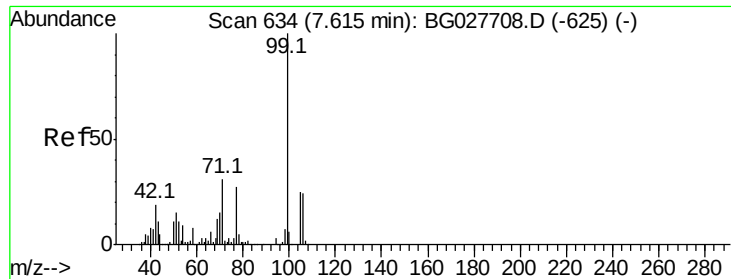


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 91.86 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027859.D

Acq: 5 Jul 2017 22:27

Instrument :

BNA_G

ClientSampleId :

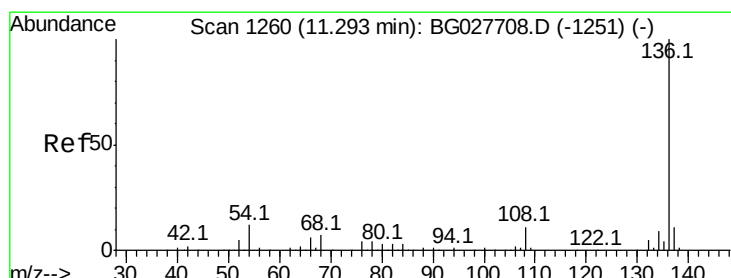
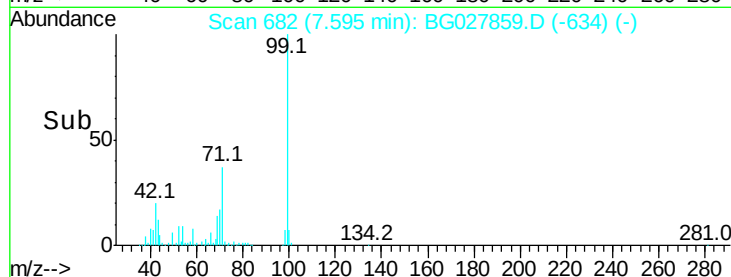
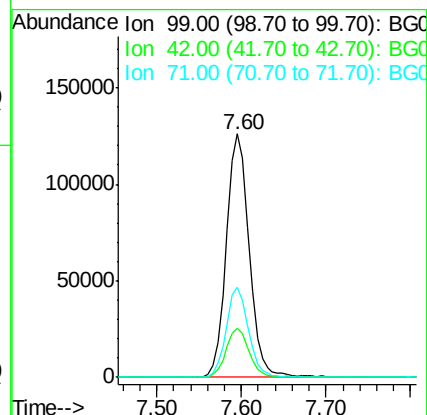
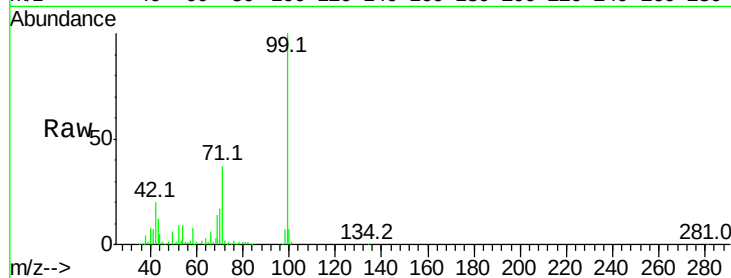
Tot Ion: 99 Resp: 235726

Ion Ratio Lower Upper

99 100

42 20.2 20.5 30.7#

71 37.0 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.27 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BG027859.D

Acq: 5 Jul 2017 22:27

Tgt Ion: 136 Resp: 121357

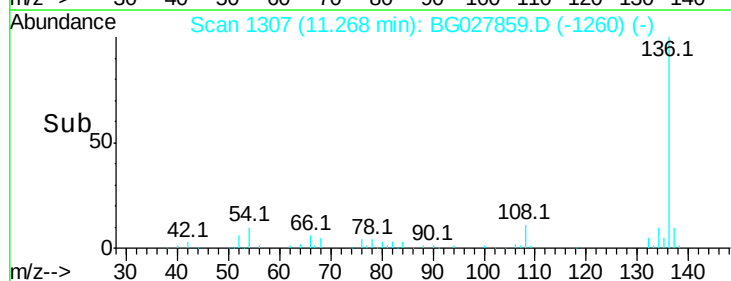
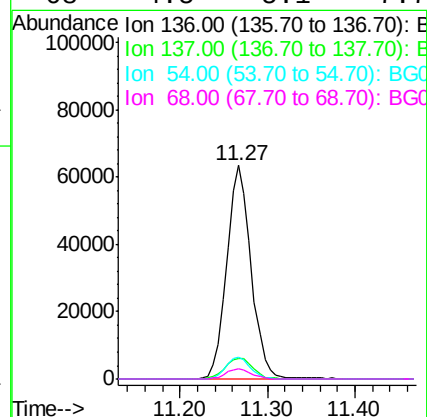
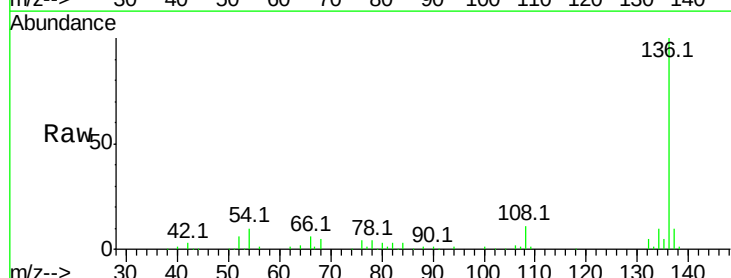
Ion Ratio Lower Upper

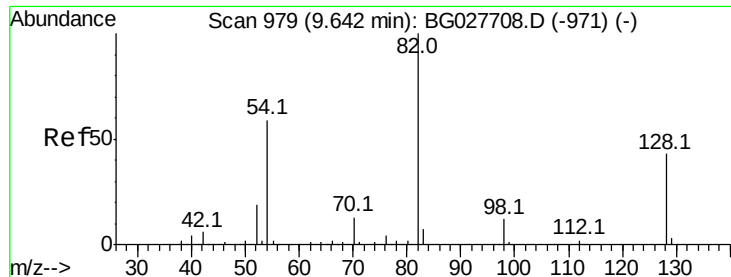
136 100

137 9.6 8.9 13.3

54 10.2 9.3 13.9

68 4.5 5.1 7.7#

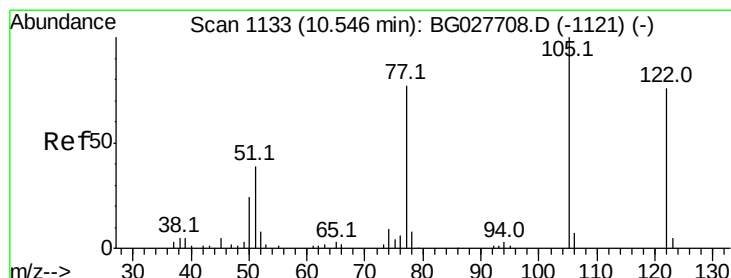
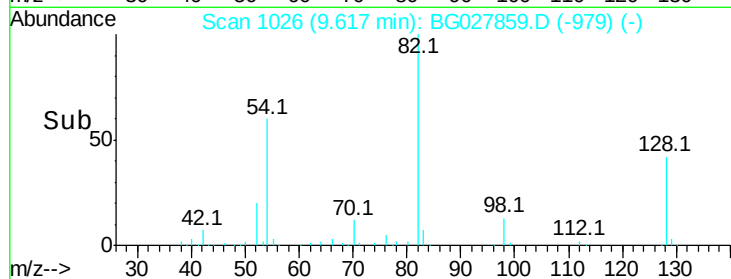
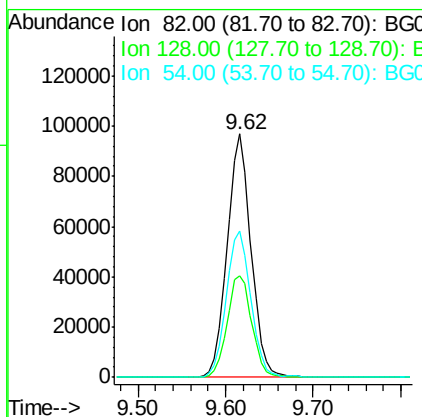
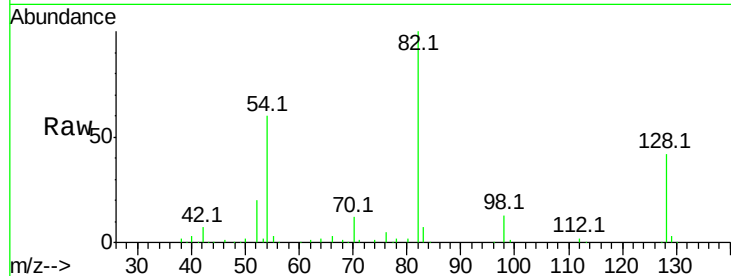




#23
 Nitrobenzene-d5
 Concen: 82.91 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG027859.D
 Acq: 5 Jul 2017 22:27

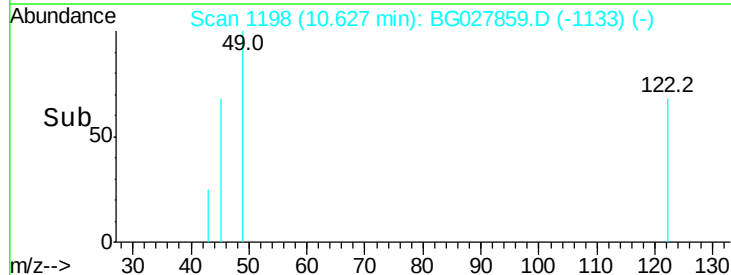
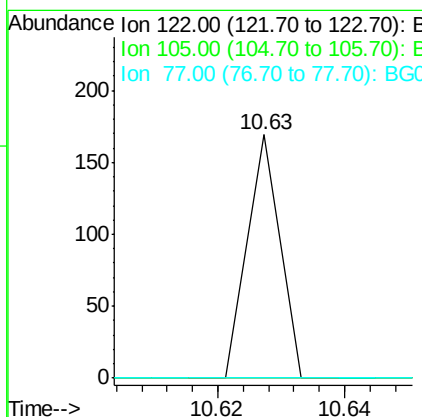
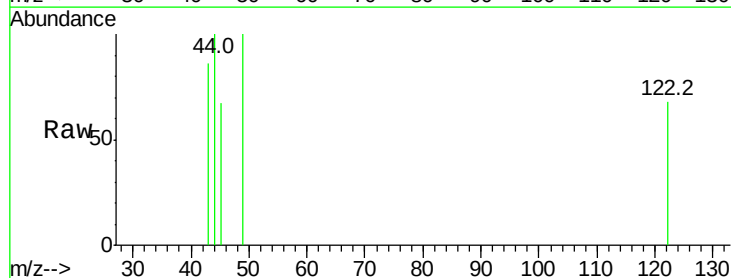
Instrument :
 BNA_G
 ClientSampleId :

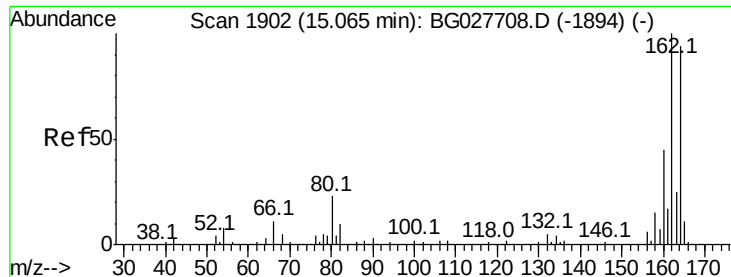
Tot Ion: 82 Resp: 180516
 Ion Ratio Lower Upper
 82 100
 128 41.8 26.4 39.6#
 54 59.9 49.4 74.2



#32
 Benzoic acid
 Concen: 8.90 ng
 RT: 10.63 min Scan# 1198
 Delta R.T. 0.08 min
 Lab File: BG027859.D
 Acq: 5 Jul 2017 22:27

Tgt Ion:122 Resp: 60
 Ion Ratio Lower Upper
 122 100
 105 0.0 120.1 160.1#
 77 0.0 104.6 144.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.04 min Scan# 1949

Delta R.T. -0.03 min

Lab File: BG027859.D

Acq: 5 Jul 2017 22:27

Instrument :

BNA_G

ClientSampleId :

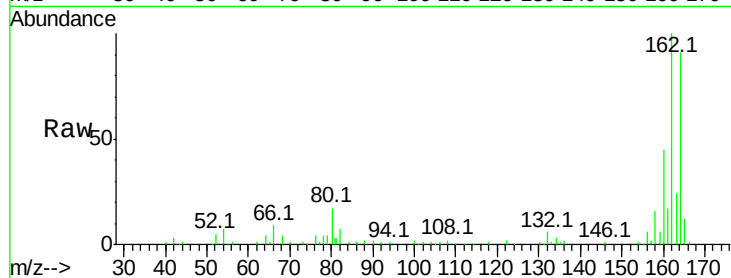
Tot Ion:164 Resp: 76684

Ion Ratio Lower Upper

164 100

162 109.8 85.1 127.7

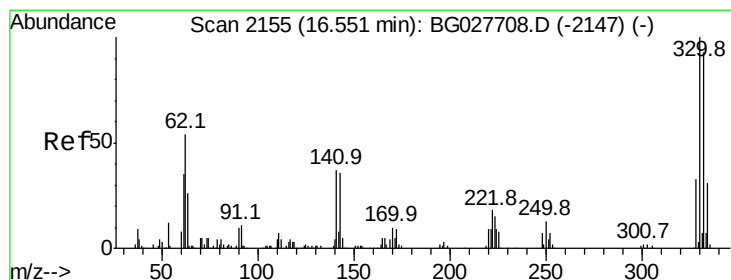
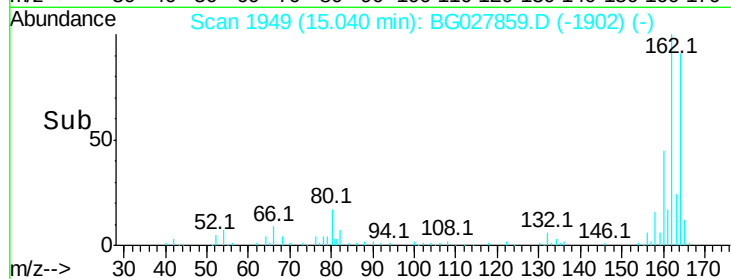
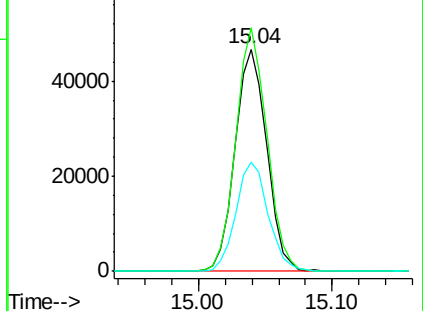
160 49.0 34.7 52.1



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: 198.73 ng

RT: 16.53 min Scan# 2202

Delta R.T. -0.03 min

Lab File: BG027859.D

Acq: 5 Jul 2017 22:27

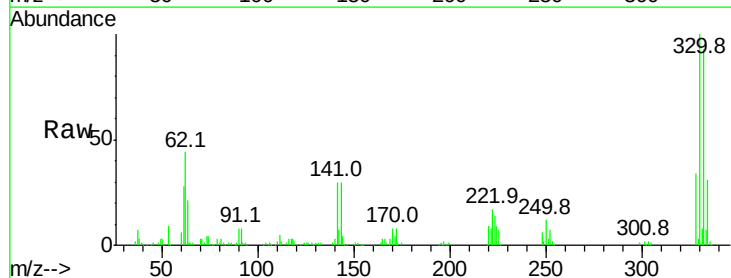
Tgt Ion:330 Resp: 209023

Ion Ratio Lower Upper

330 100

332 94.2 77.3 115.9

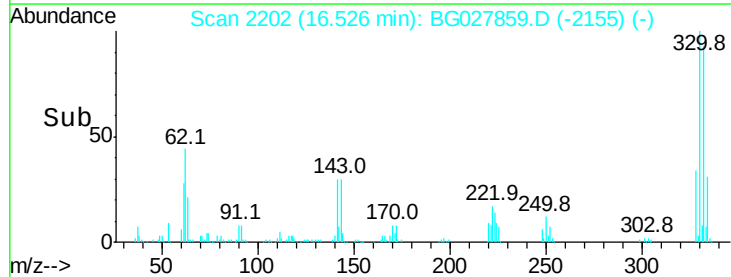
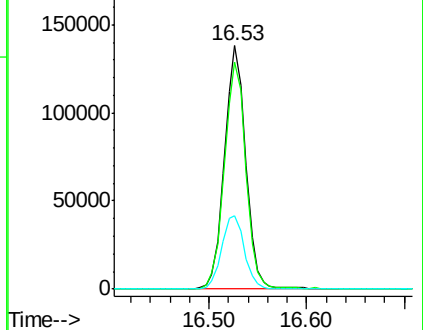
141 32.5 32.1 48.1

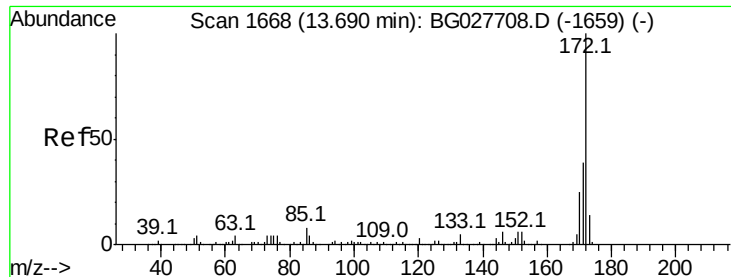


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

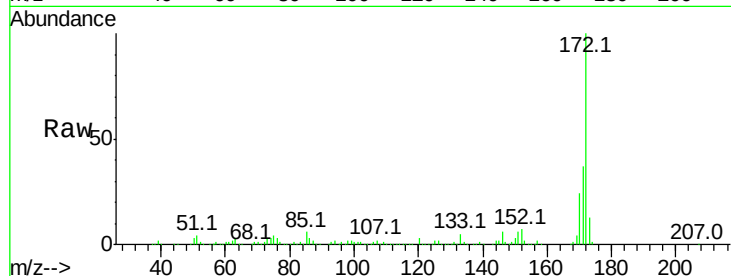




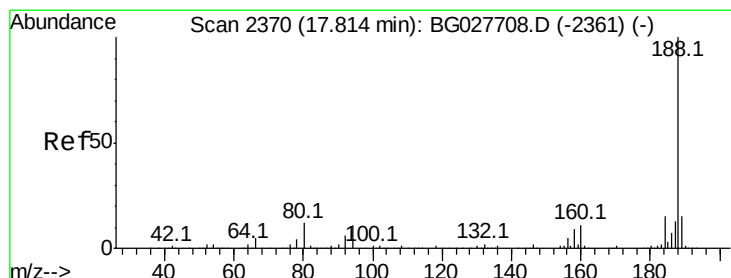
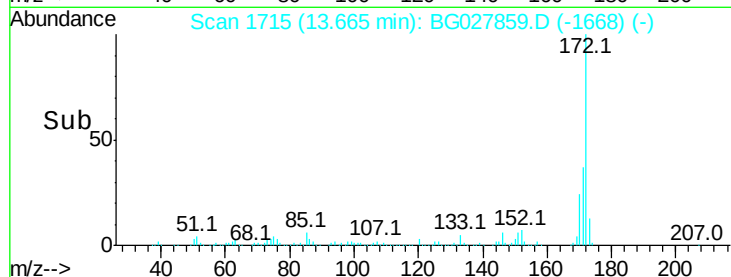
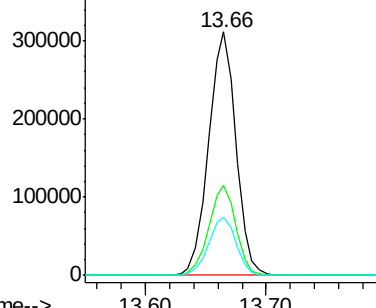
#44
 2-Fluorobiphenyl
 Concen: 91.31 ng
 RT: 13.66 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027859.D
 Acq: 5 Jul 2017 22:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 490261
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 24.0 21.8 32.6

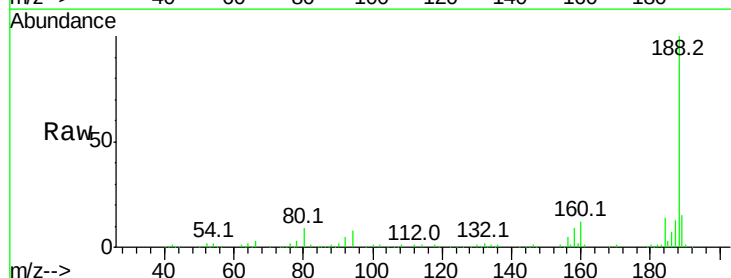


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

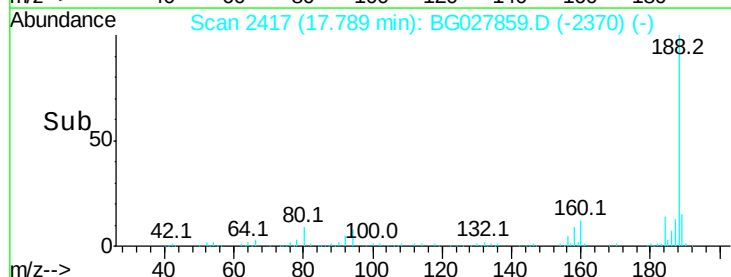
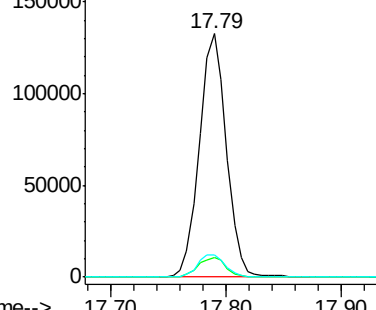


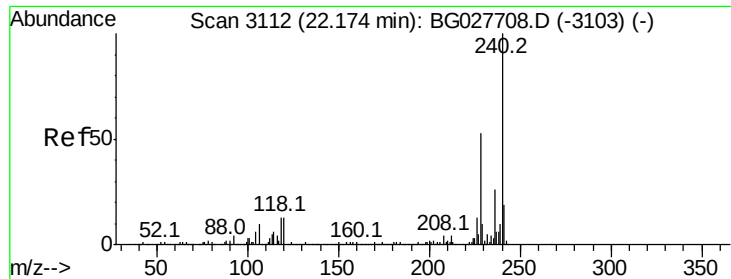
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.79 min Scan# 2417
 Delta R.T. -0.03 min
 Lab File: BG027859.D
 Acq: 5 Jul 2017 22:27

Tgt Ion:188 Resp: 214681
 Ion Ratio Lower Upper
 188 100
 94 8.1 5.8 8.8
 80 9.2 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: 22.14 min Scan# 3157

Delta R.T. -0.04 min

Lab File: BG027859.D

Acq: 5 Jul 2017 22:27

Instrument :

BNA_G

ClientSampleId :

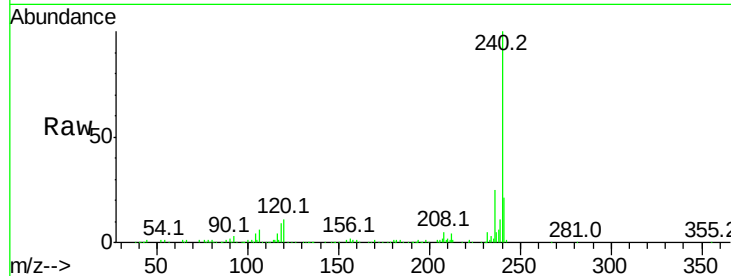
Tot Ion:240 Resp: 224137

Ion Ratio Lower Upper

240 100

120 10.7 5.7 8.5#

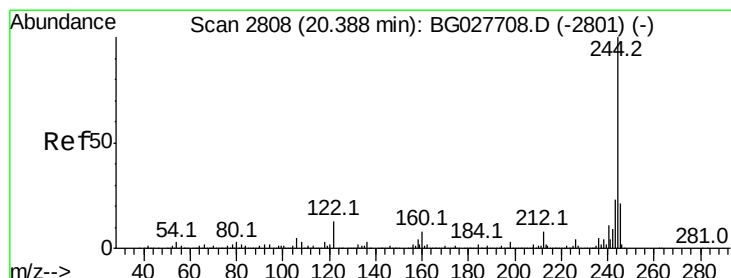
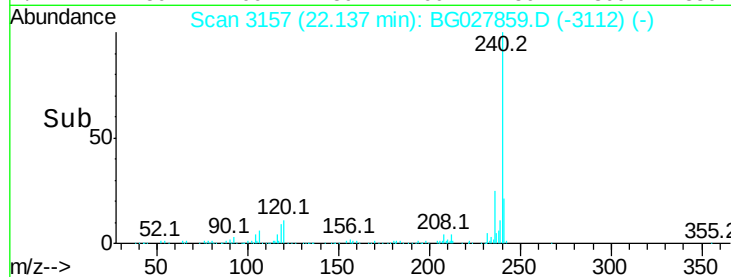
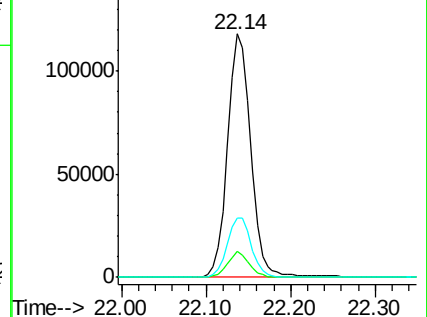
236 24.5 22.2 33.4



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: 114.39 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027859.D

Acq: 5 Jul 2017 22:27

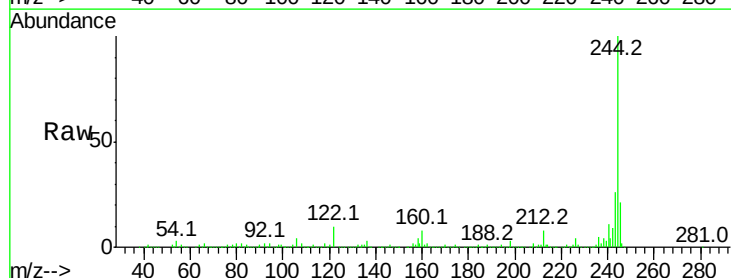
Tgt Ion:244 Resp: 1093681

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

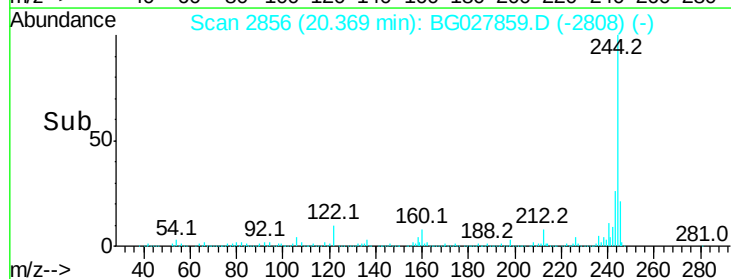
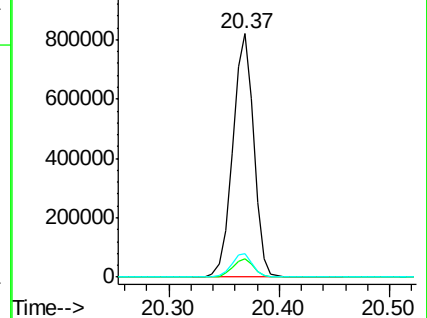
122 9.7 8.6 12.8

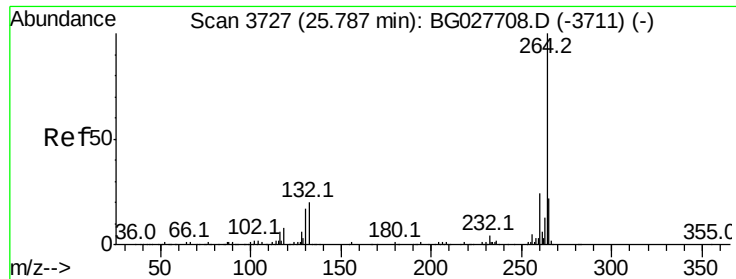


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.72 min Scan# 3767
Delta R.T. -0.07 min
Lab File: BG027859.D
Acq: 5 Jul 2017 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.8	32.8
265	20.0	18.2	27.4

