

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031699.D
 Acq On : 22 Dec 2017 7:23
 Operator : SJ/JU
 Sample : I6993-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-3

Quant Time: Dec 22 08:40:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:38:35 2017
 Response via : Initial Calibration

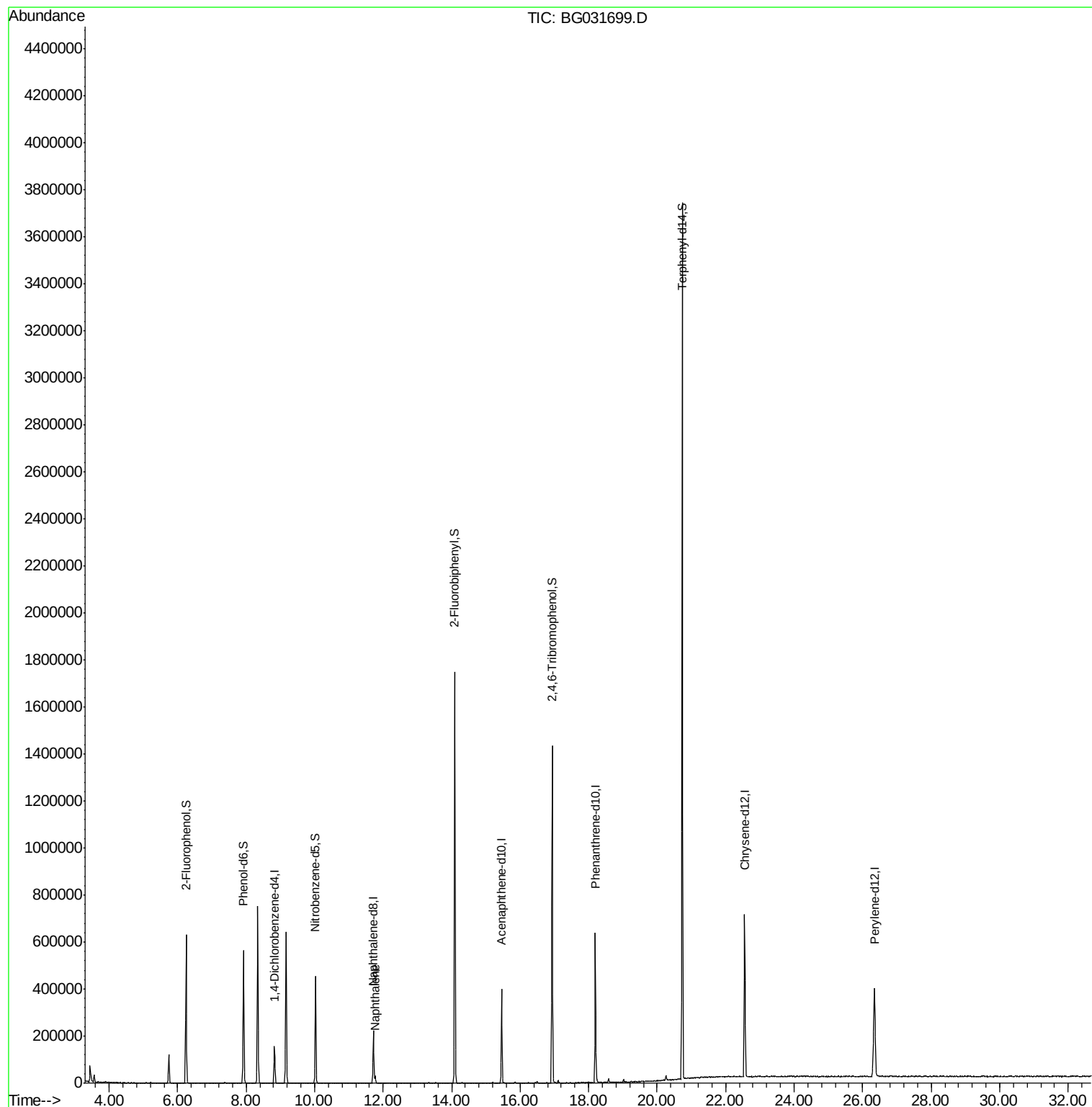
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	54641	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	221329	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	151304	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	422958	20.00	ng	0.00
75) Chrysene-d12	22.56	240	500966	20.00	ng	-0.01
86) Perylene-d12	26.34	264	529261	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	357399	119.13	ng	0.00
7) Phenol-d6	7.93	99	407067	104.51	ng	0.00
23) Nitrobenzene-d5	10.02	82	288111	98.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	349321	151.31	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1057998	87.77	ng	0.00
78) Terphenyl-d14	20.73	244	2055600	93.75	ng	0.00
Target Compounds						
31) Naphthalene	11.77	128	31787	2.846	ng	Qvalue 98

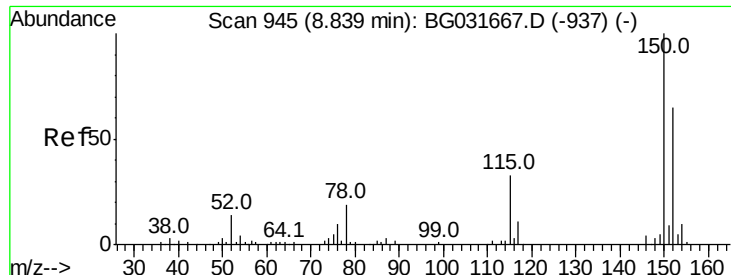
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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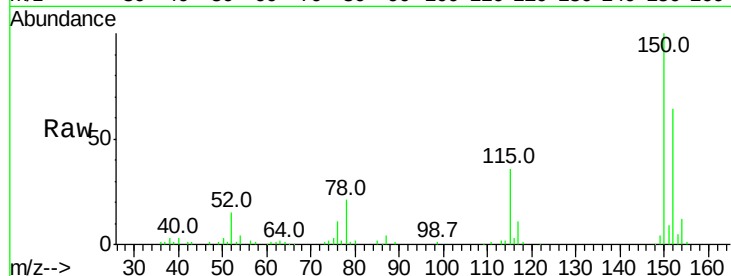


#1

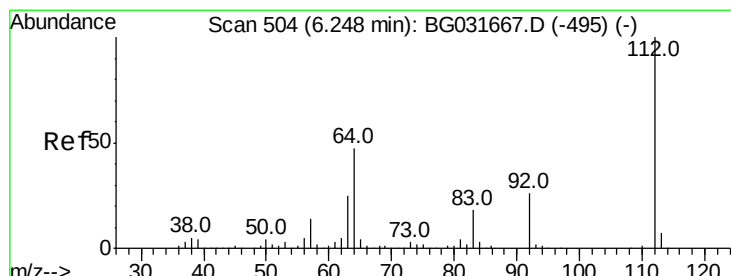
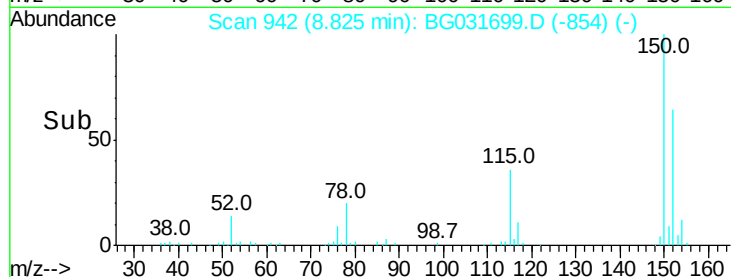
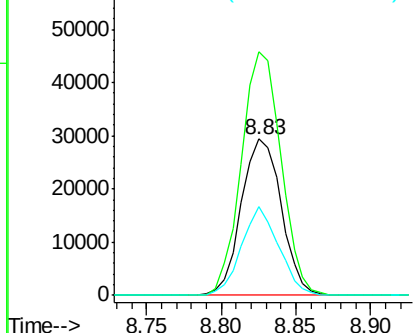
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-3

Tot Ion:152 Resp: 54641
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.6 189.8
 115 56.3 53.0 79.4



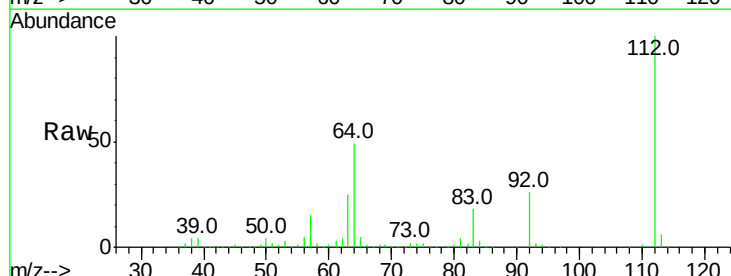
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



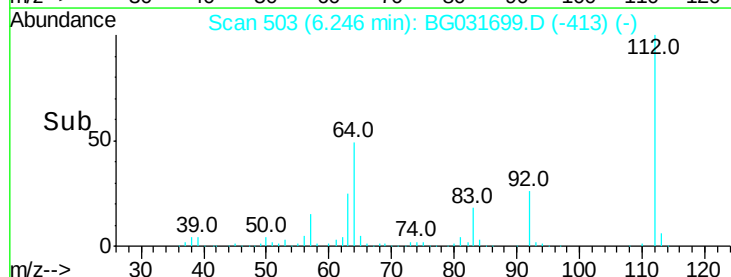
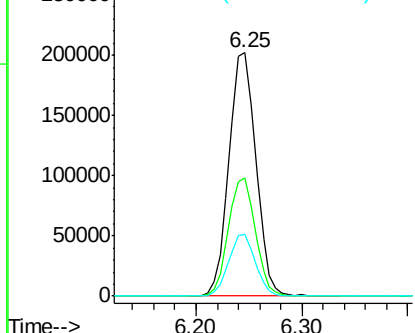
#5

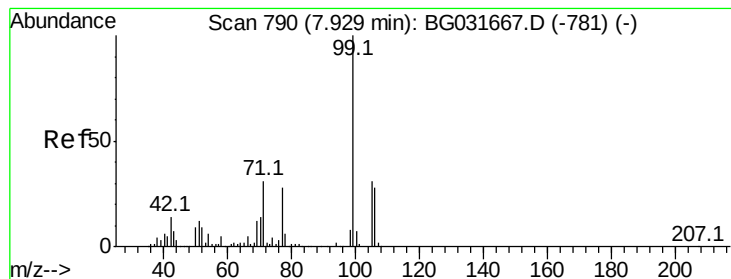
2-Fluorophenol
 Concen: 119.134 ng
 RT: 6.25 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

Tgt Ion:112 Resp: 357399
 Ion Ratio Lower Upper
 112 100
 64 48.7 56.3 84.5#
 63 25.4 30.1 45.1#



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: 104.511 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031699.D

Acq: 22 Dec 2017 7:23

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-3

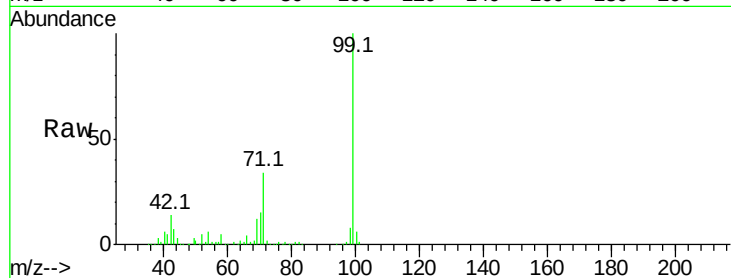
Tot Ion: 99 Resp: 407067

Ion Ratio Lower Upper

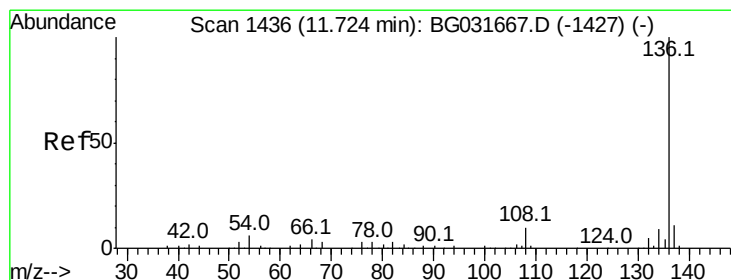
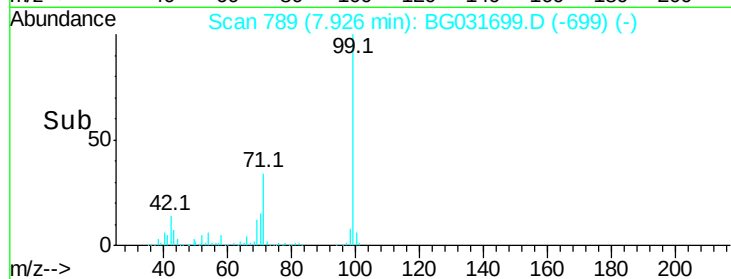
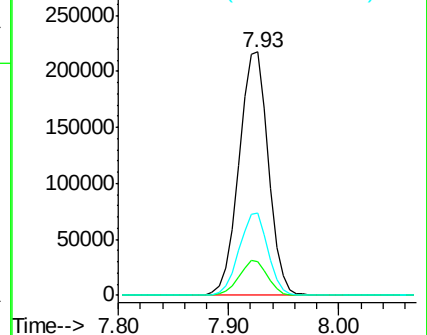
99 100

42 13.7 14.1 21.1#

71 34.1 26.1 39.1



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: 20.000 ng

RT: 11.72 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031699.D

Acq: 22 Dec 2017 7:23

Tgt Ion: 136 Resp: 221329

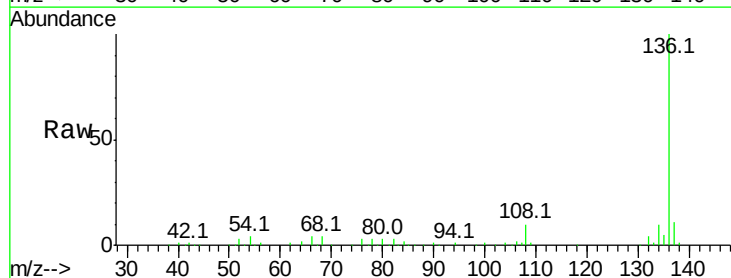
Ion Ratio Lower Upper

136 100

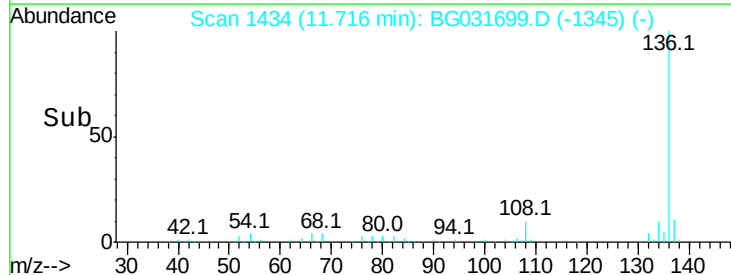
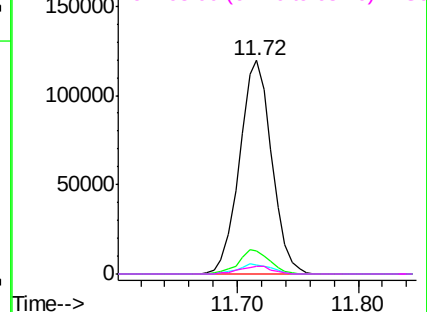
137 11.0 9.2 13.8

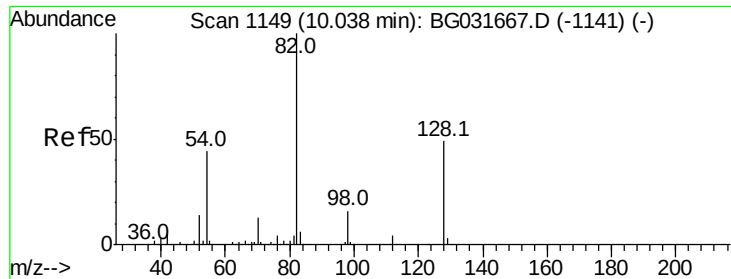
54 4.3 10.3 15.5#

68 3.7 4.5 6.7#



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

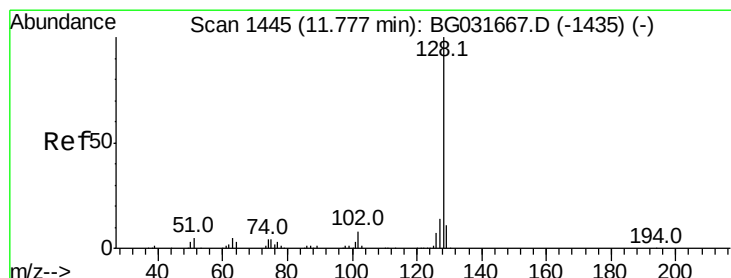
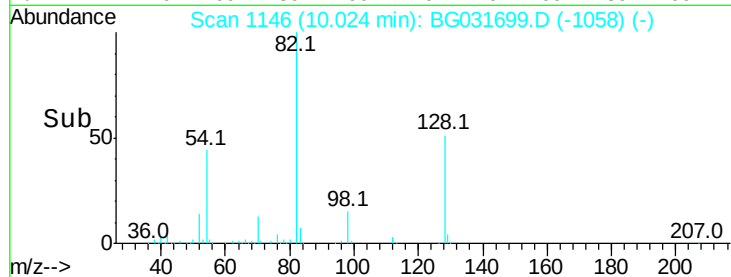
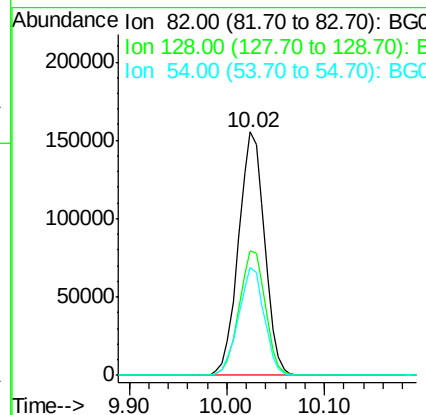
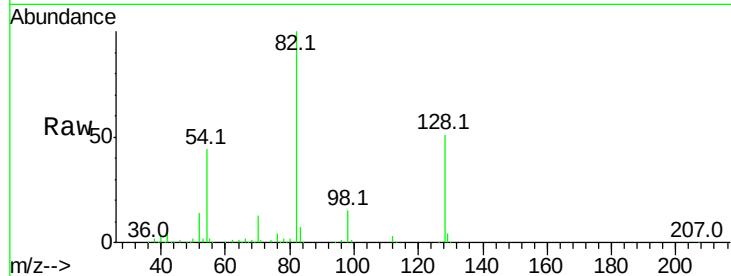




#23
 Nitrobenzene-d5
 Concen: 98.297 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

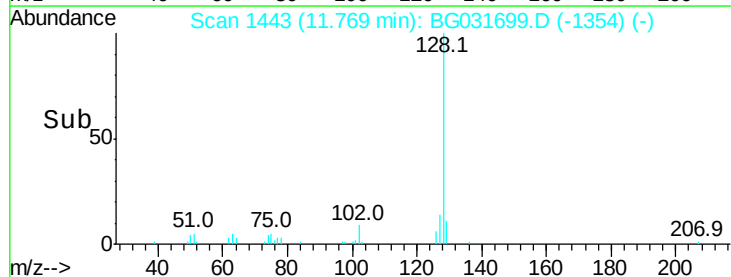
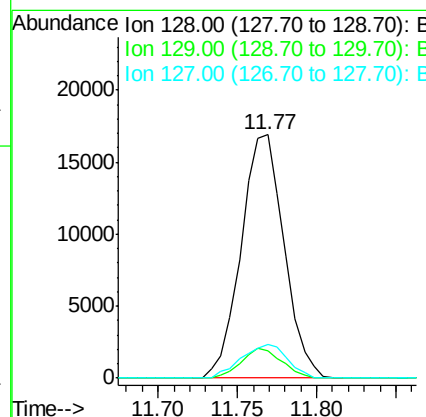
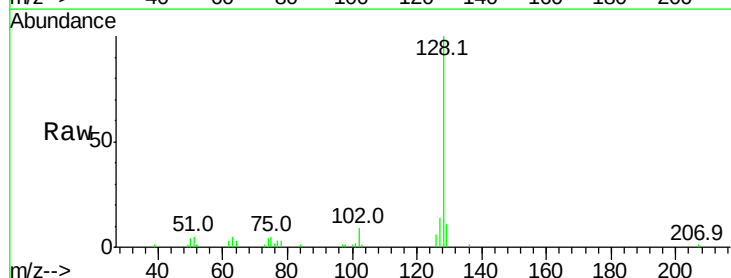
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-3

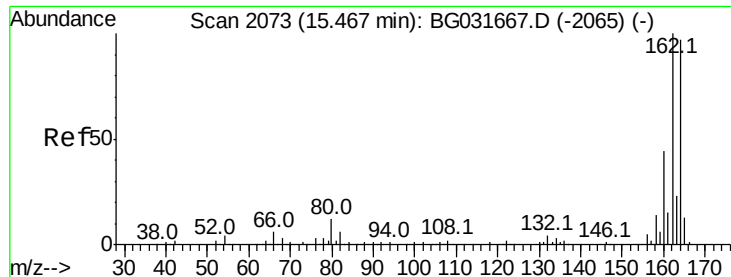
Tot Ion: 82 Resp: 288111
 Ion Ratio Lower Upper
 82 100
 128 51.3 29.7 44.5#
 54 44.4 43.1 64.7



#31
 Naphthalene
 Concen: 2.846 ng
 RT: 11.77 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

Tgt Ion: 128 Resp: 31787
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 12.8
 127 13.7 11.6 17.4

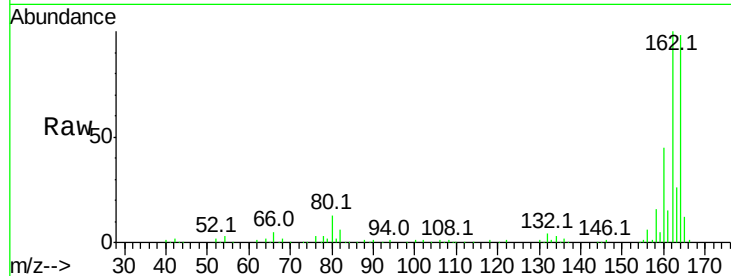




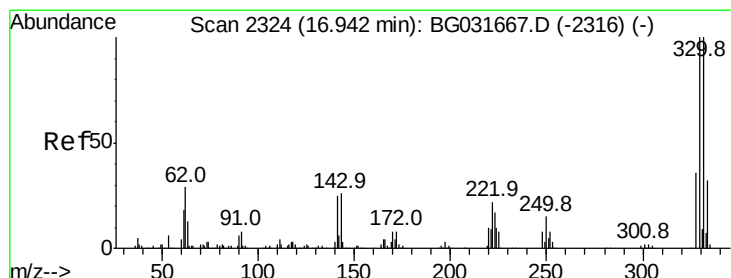
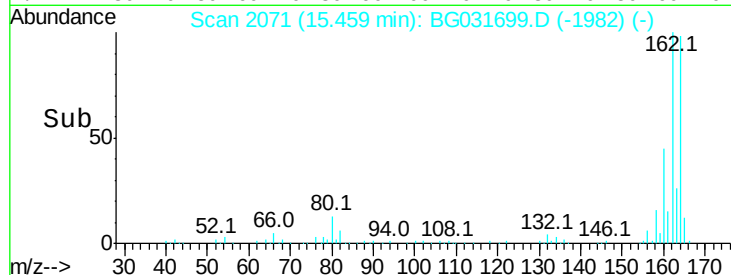
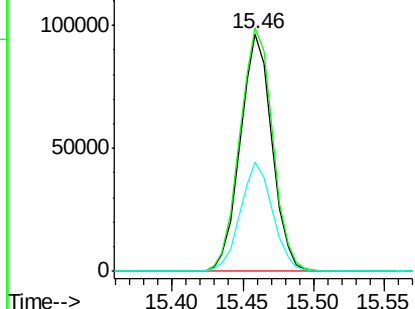
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-3

Tot Ion:164 Resp: 151304
 Ion Ratio Lower Upper
 164 100
 162 102.5 78.8 118.2
 160 46.1 35.4 53.0

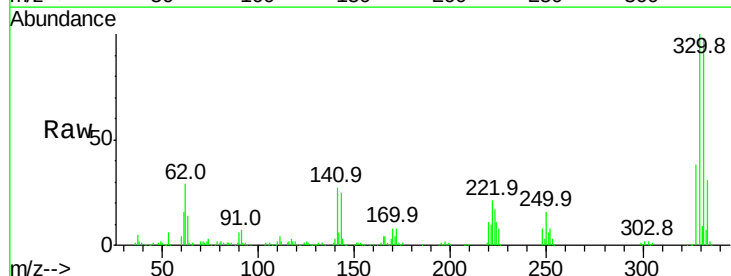


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

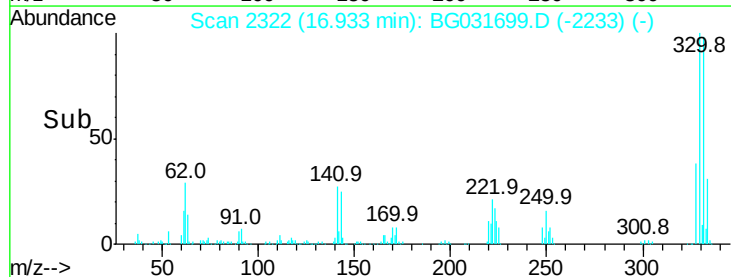
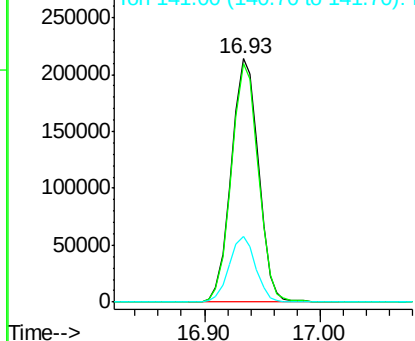


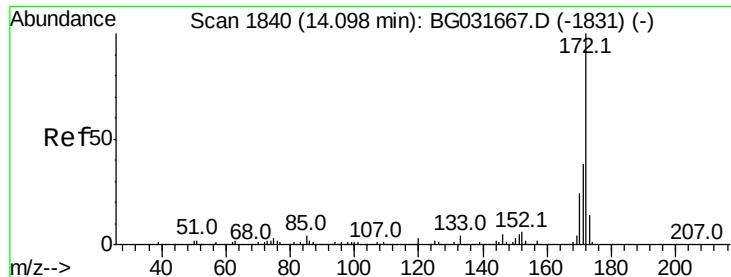
#41
 2,4,6-Tribromophenol
 Concen: 151.307 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031699.D
 Acq: 22 Dec 2017 7:23

Tgt Ion:330 Resp: 349321
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 26.4 25.2 37.8



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

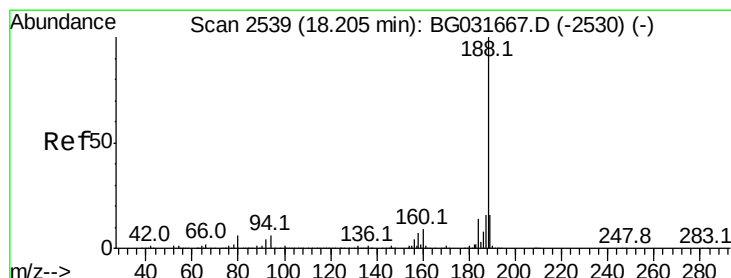
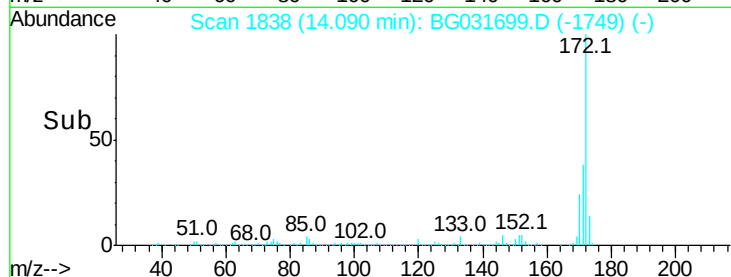
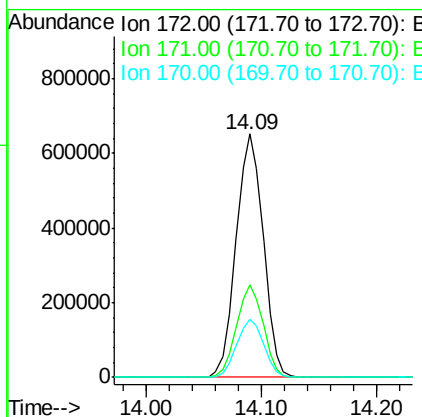
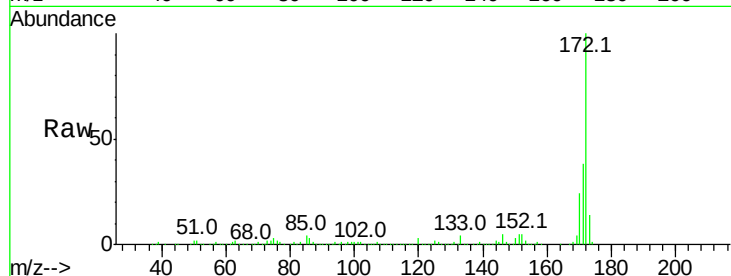




#44
2-Fluorobiphenyl
Concen: 87.766 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031699.D
Acq: 22 Dec 2017 7:23

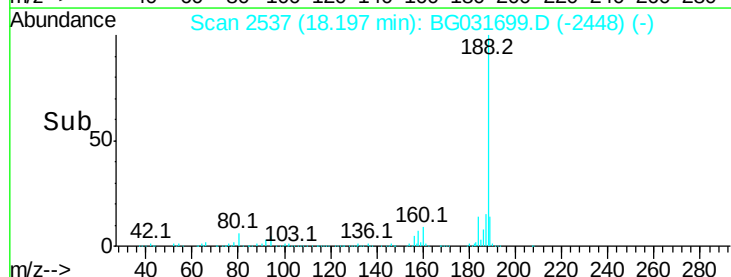
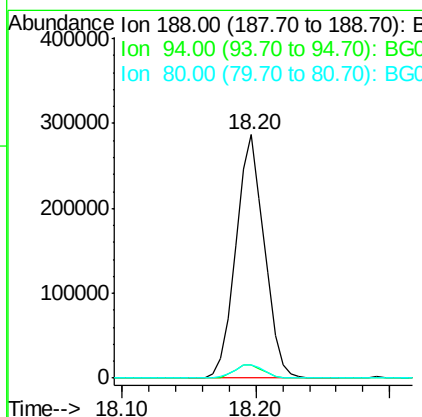
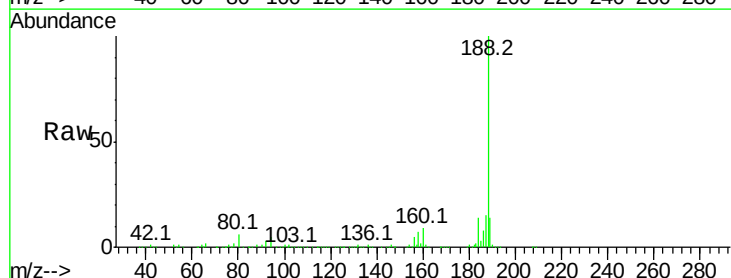
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-3

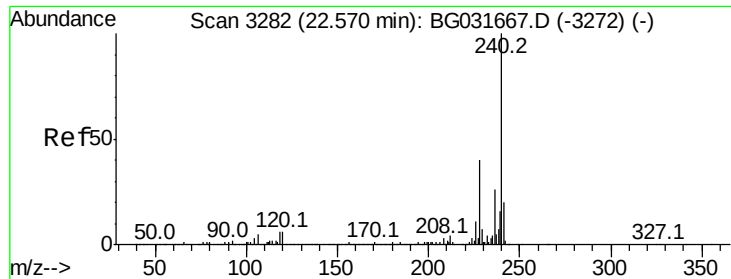
Tot Ion:172 Resp: 1057998
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 24.0 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031699.D
Acq: 22 Dec 2017 7:23

Tgt Ion:188 Resp: 422958
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 5.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG031699.D

Acq: 22 Dec 2017 7:23

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-3

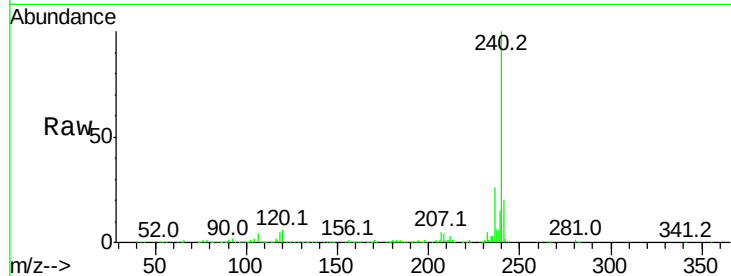
Tot Ion:240 Resp: 500966

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

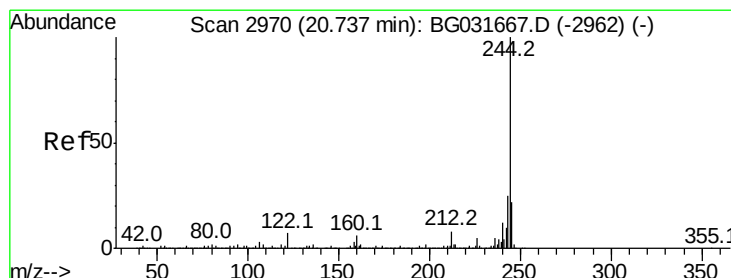
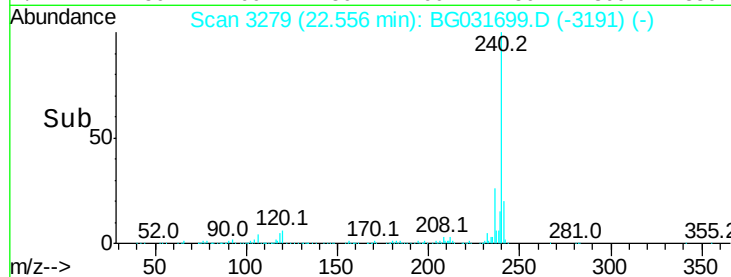
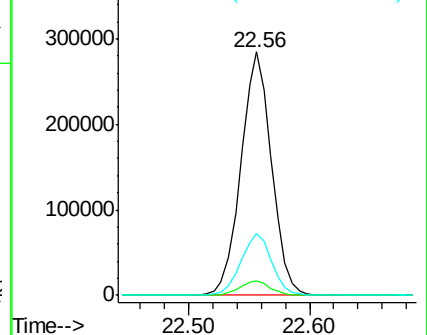
236 25.5 20.9 31.3



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: 93.745 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG031699.D

Acq: 22 Dec 2017 7:23

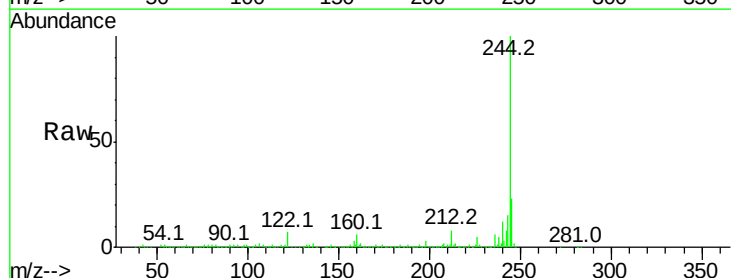
Tgt Ion:244 Resp: 2055600

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

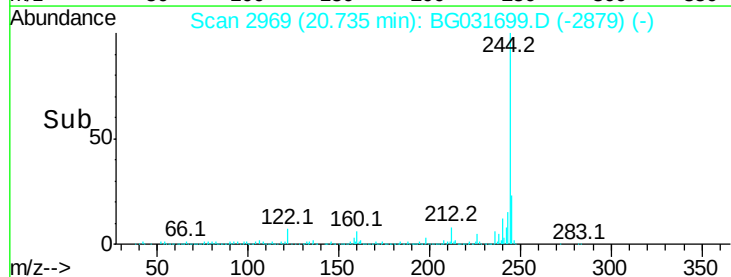
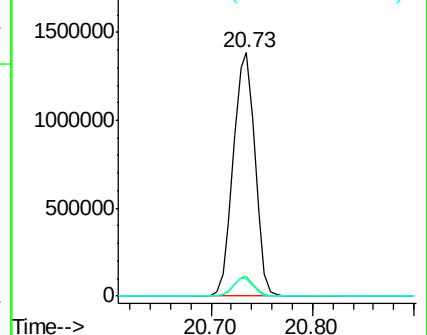
122 7.1 7.0 10.4

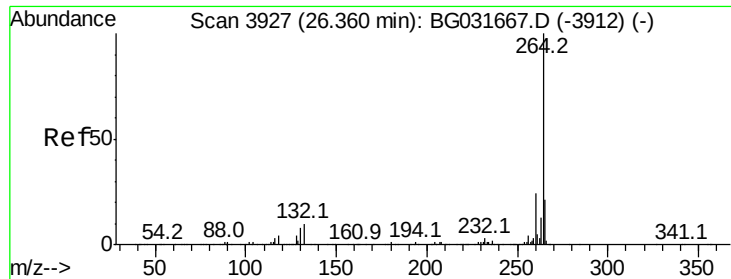


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3923
Delta R.T. -0.02 min
Lab File: BG031699.D
Acq: 22 Dec 2017 7:23

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.1	17.7	26.5

