

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
 Data File : BG037068.D
 Acq On : 29 Sep 2018 2:51
 Operator : JU/SJ
 Sample : PB113333BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113333BL

Quant Time: Sep 29 06:45:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41200	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	168817	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	105061	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	267655	20.00	ng	0.00
75) Chrysene-d12	21.67	240	281782	20.00	ng	-0.02
86) Perylene-d12	24.88	264	271866	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	289764	134.88	ng	0.00
7) Phenol-d6	7.20	99	392292	118.02	ng	0.00
23) Nitrobenzene-d5	9.20	82	261546	82.97	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	142593	113.44	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	558373	79.16	ng	0.00
78) Terphenyl-d14	20.02	244	970522	90.57	ng	0.00

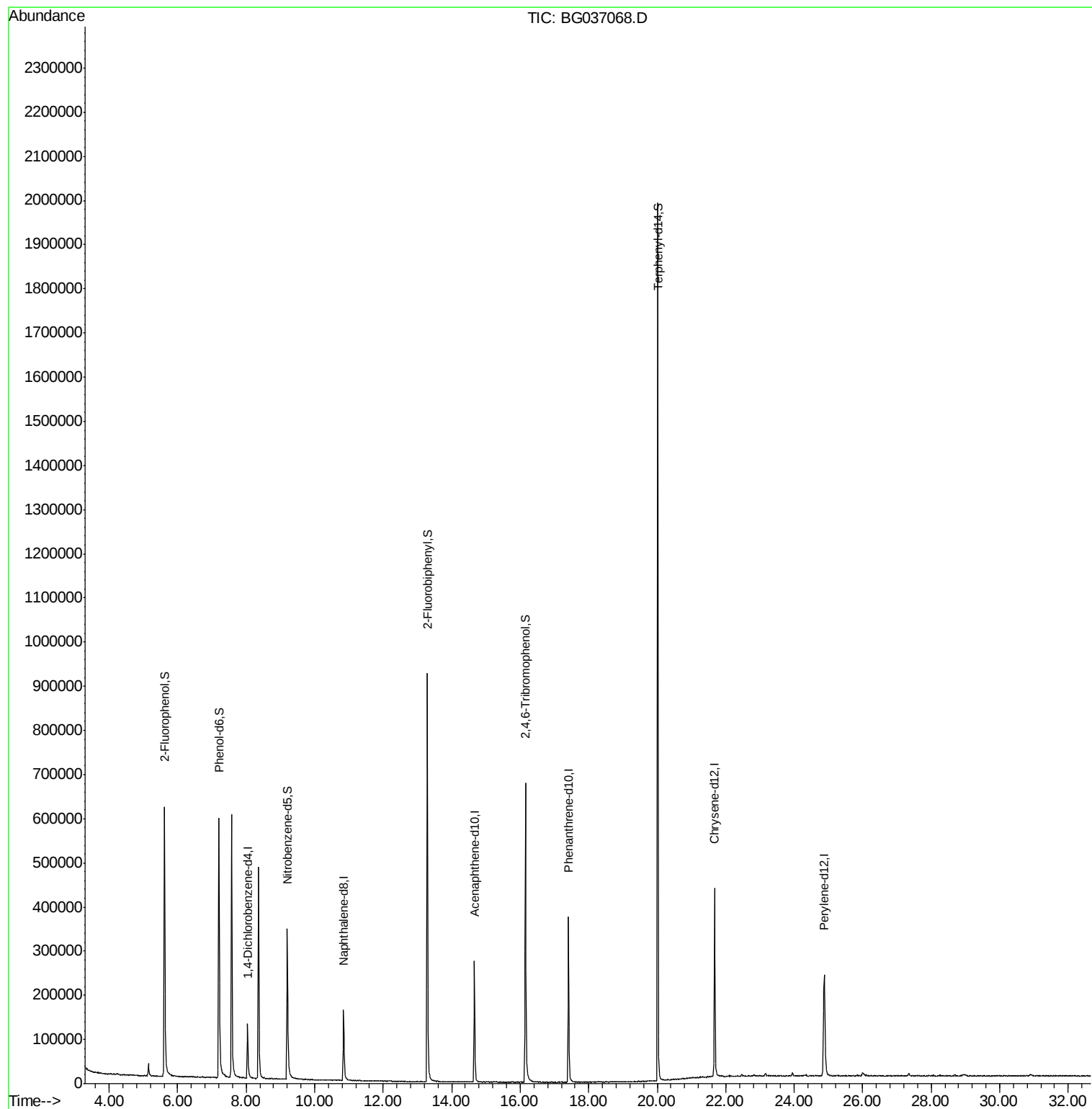
Target Compounds Qvalue

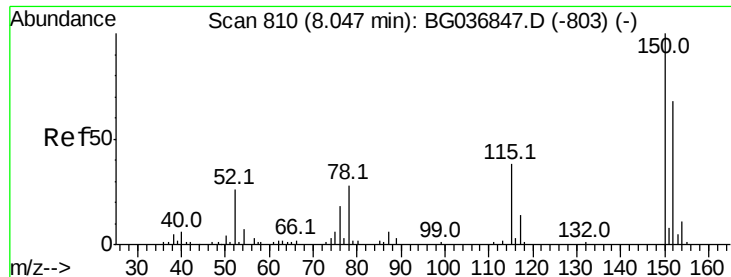
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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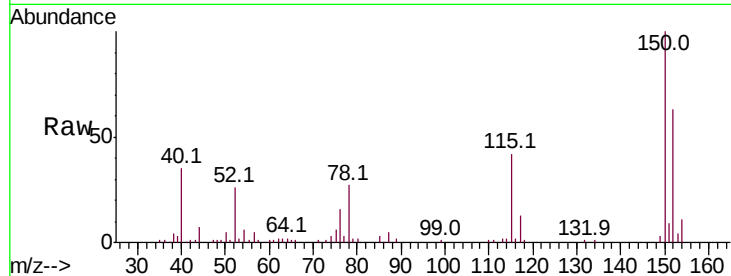


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Instrument :
BNA_G
ClientSampleId :
PB113333BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	119.5	179.3
115	66.7	44.5	66.7

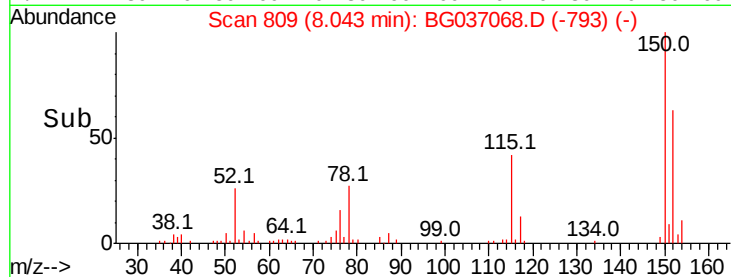
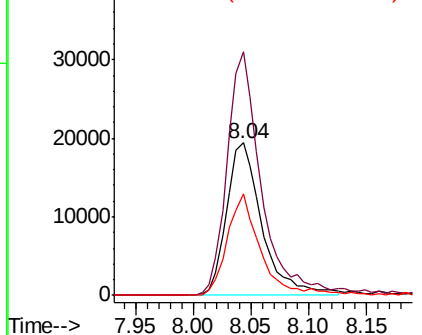


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

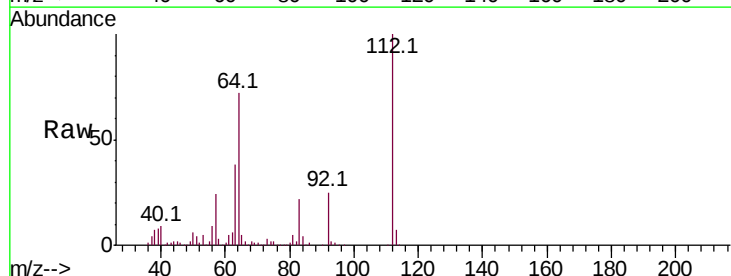
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.880 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.2	85.8
63	38.2	30.8	46.2

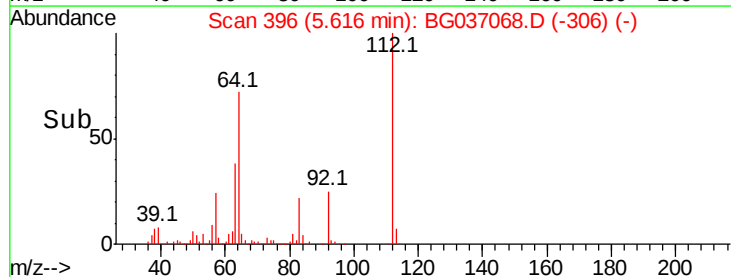
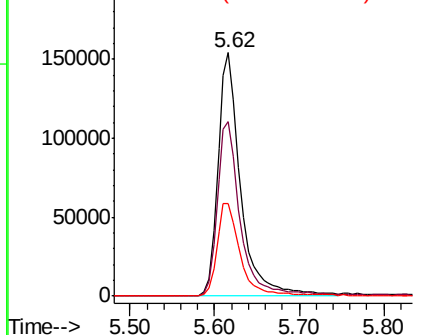


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 118.025 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037068.D

Acq: 29 Sep 2018 2:51

Instrument :

BNA_G

ClientSampleId :

PB113333BL

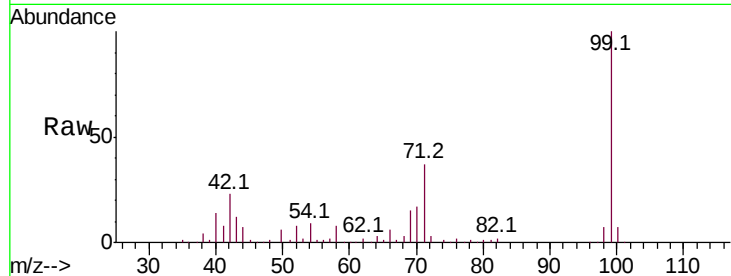
Tot Ion: 99 Resp: 392292

Ion Ratio Lower Upper

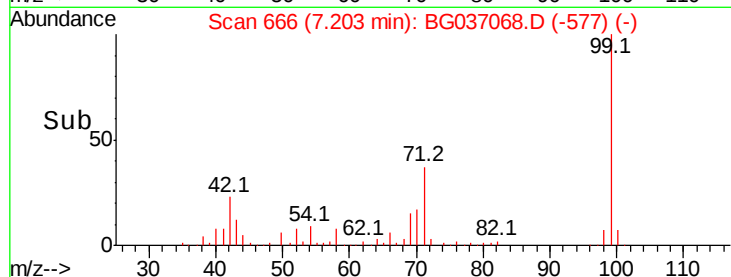
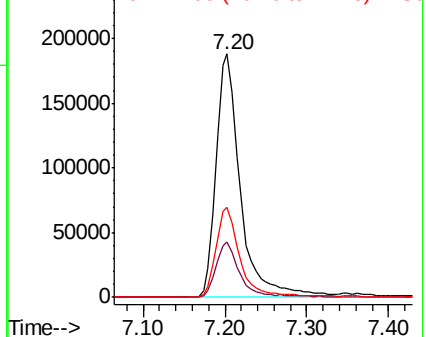
99 100

42 22.6 16.5 24.7

71 37.2 29.4 44.2



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: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037068.D

Acq: 29 Sep 2018 2:51

Tgt Ion: 136 Resp: 168817

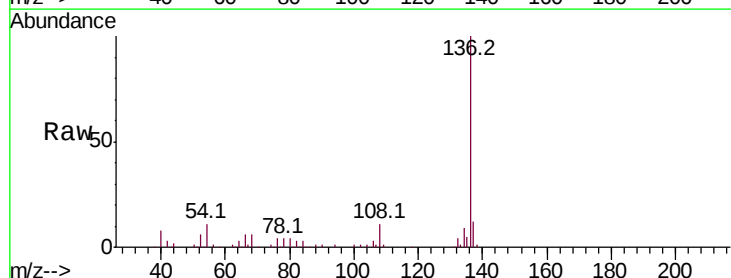
Ion Ratio Lower Upper

136 100

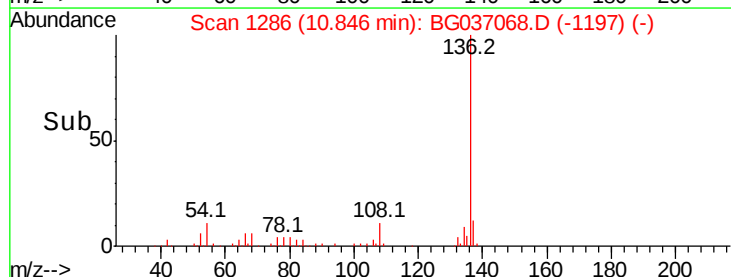
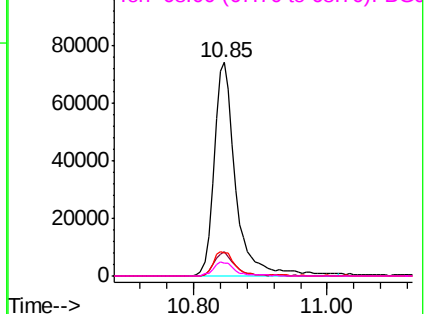
137 11.5 8.8 13.2

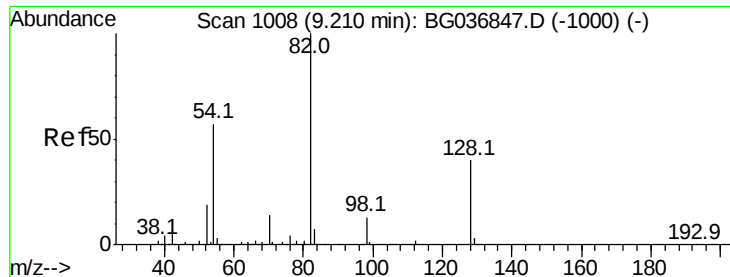
54 11.0 9.2 13.8

68 6.2 5.8 8.6



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

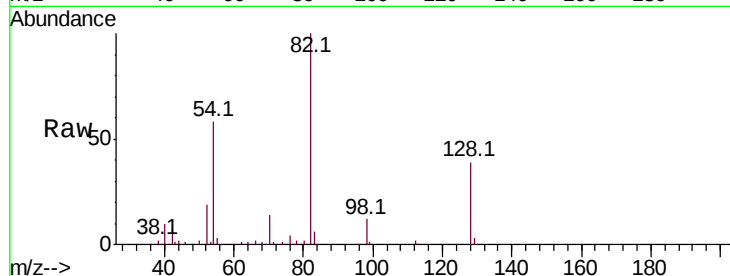




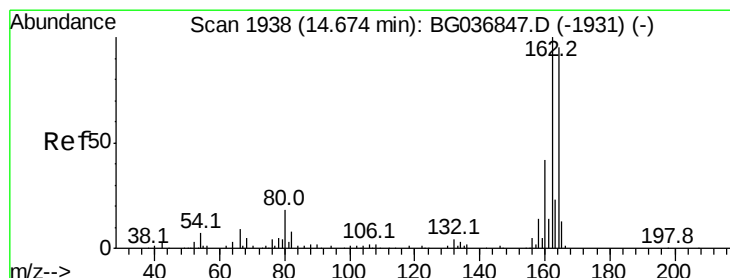
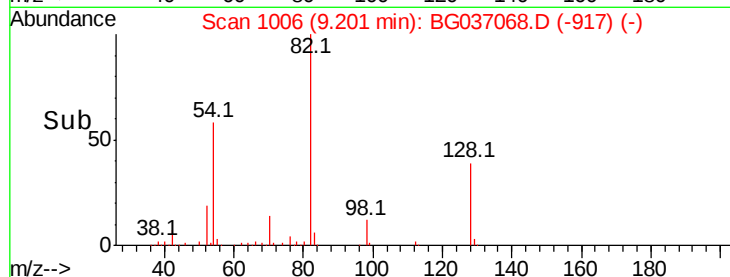
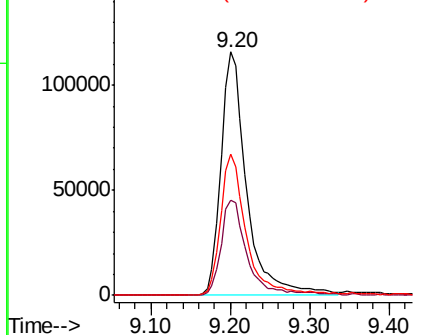
#23
Nitrobenzene-d5
Concen: 82.966 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Instrument :
BNA_G
ClientSampleId :
PB113333BL

Tot Ion	82	Resp	261546
Ion	Ratio	Lower	Upper
82	100		
128	39.2	33.3	49.9
54	58.0	45.1	67.7

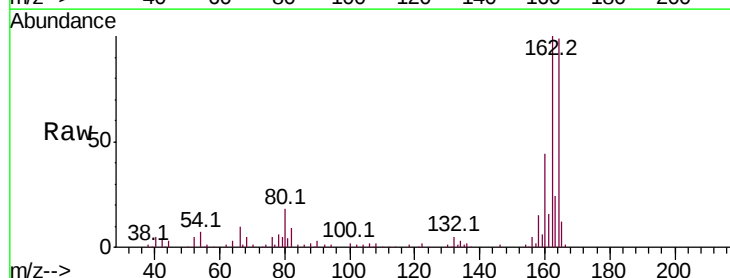


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

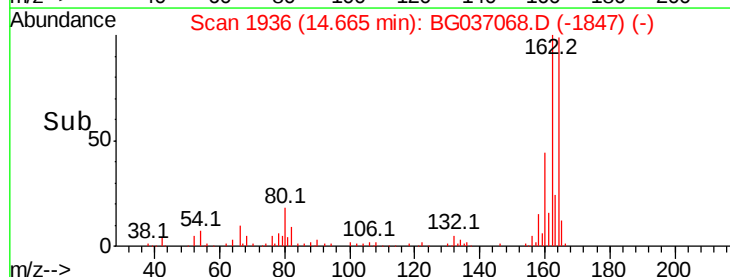
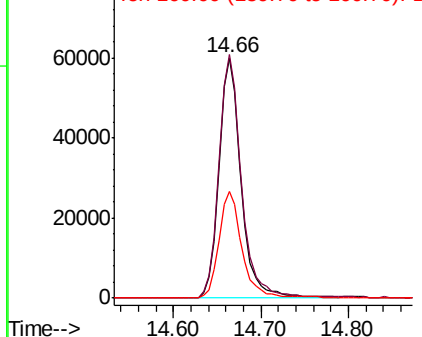


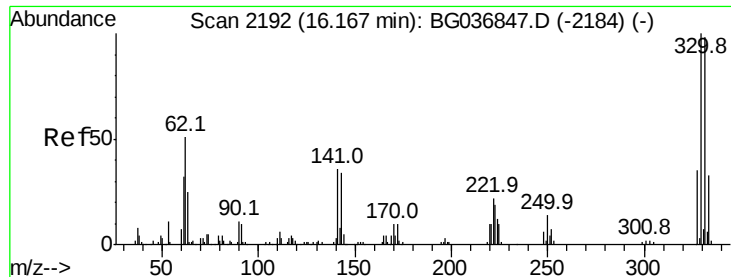
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Tgt Ion	164	Resp	105061
Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.7	121.1
160	44.3	35.3	52.9



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

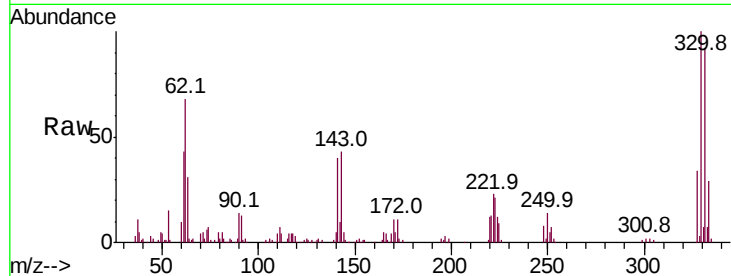




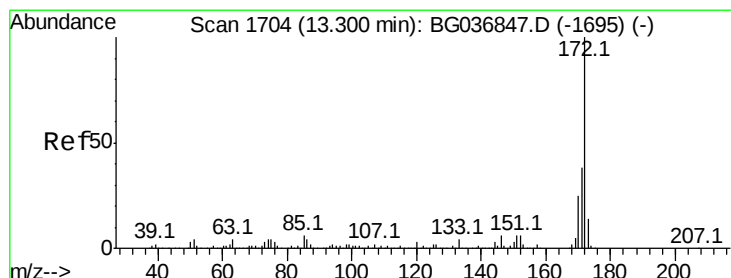
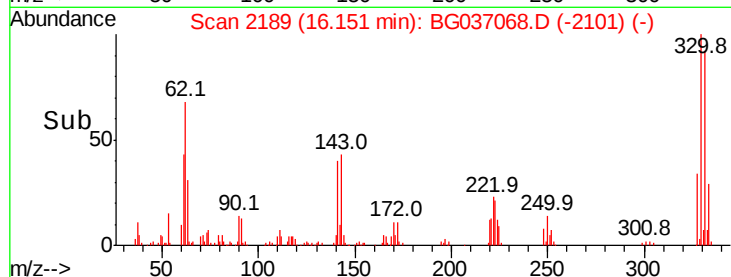
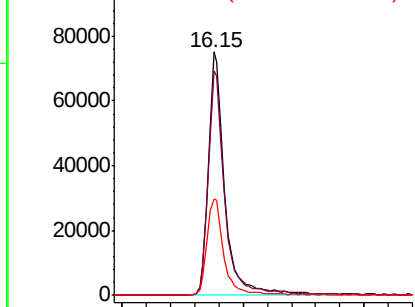
#41
 2,4,6-Tribromophenol
 Concen: 113.440 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037068.D
 Acq: 29 Sep 2018 2:51

Instrument :
 BNA_G
 ClientSampleId :
 PB113333BL

Tot Ion:330 Resp: 142593
 Ion Ratio Lower Upper
 330 100
 332 92.6 75.4 113.2
 141 40.3 30.7 46.1

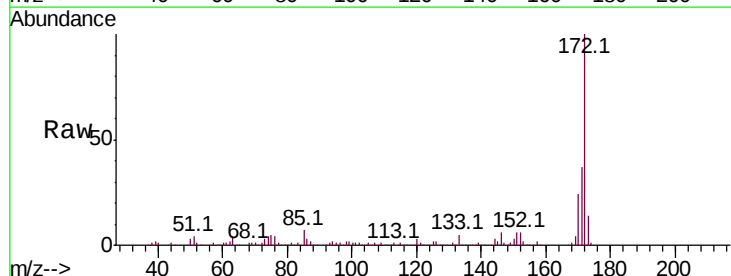


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

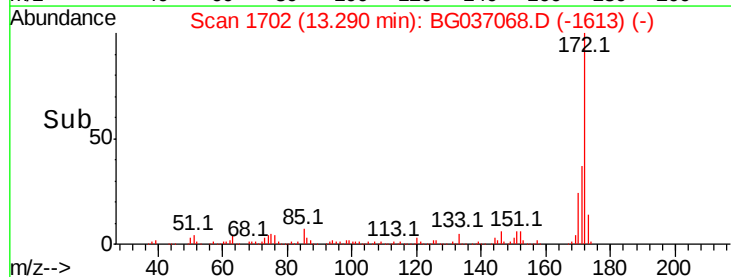
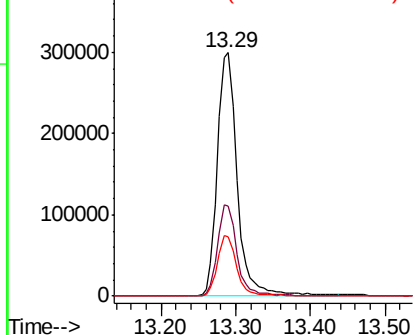


#44
 2-Fluorobiphenyl
 Concen: 79.157 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037068.D
 Acq: 29 Sep 2018 2:51

Tgt Ion:172 Resp: 558373
 Ion Ratio Lower Upper
 172 100
 171 36.8 31.3 46.9
 170 24.5 21.0 31.6



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

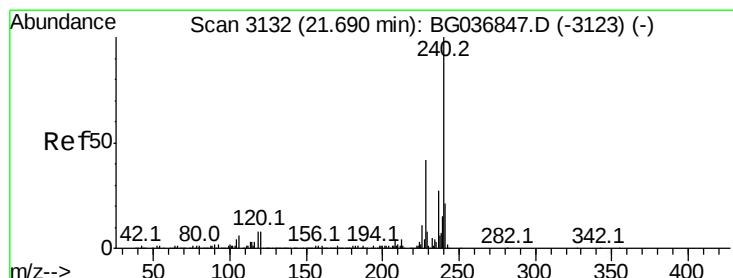
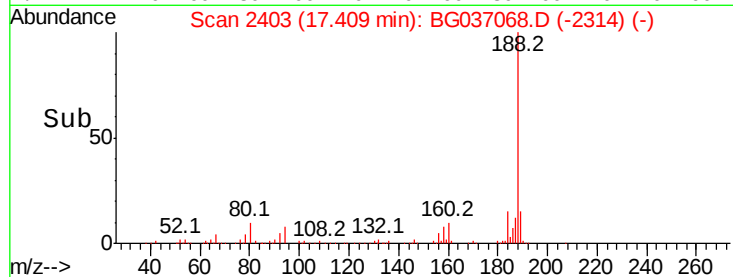
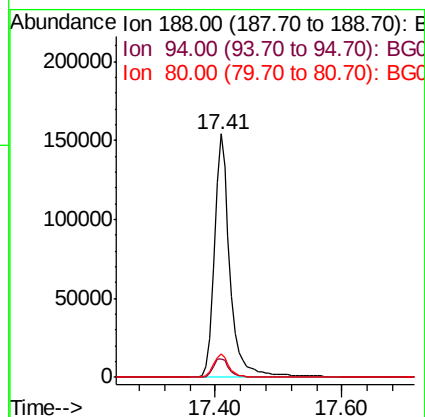
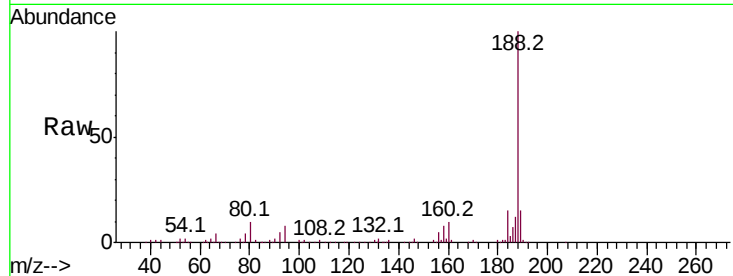




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

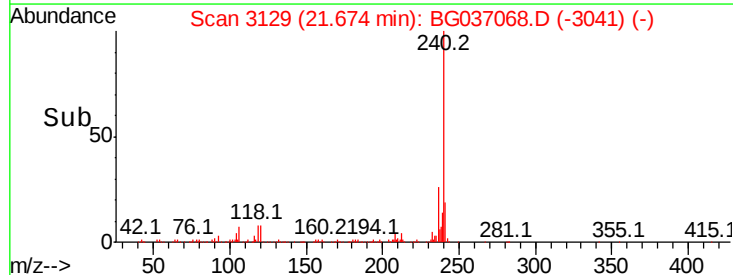
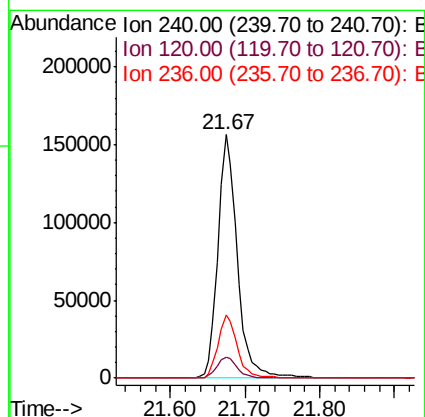
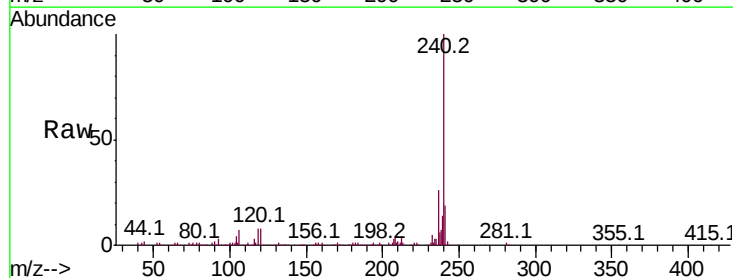
Instrument :
BNA_G
ClientSampleId :
PB113333BL

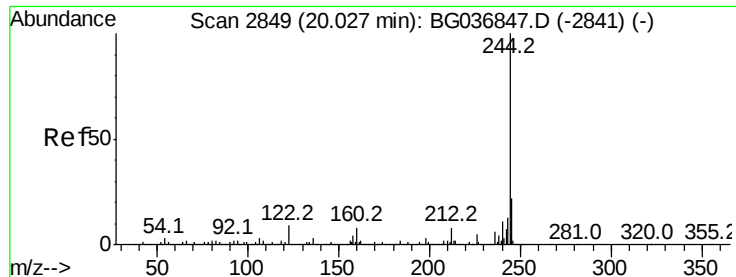
Tot Ion:188 Resp: 267655
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037068.D
Acq: 29 Sep 2018 2:51

Tgt Ion:240 Resp: 281782
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 25.8 21.2 31.8





#78

Terphenyl-d14

Concen: 90.566 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037068.D

Acq: 29 Sep 2018 2:51

Instrument :

BNA_G

ClientSampleId :

PB113333BL

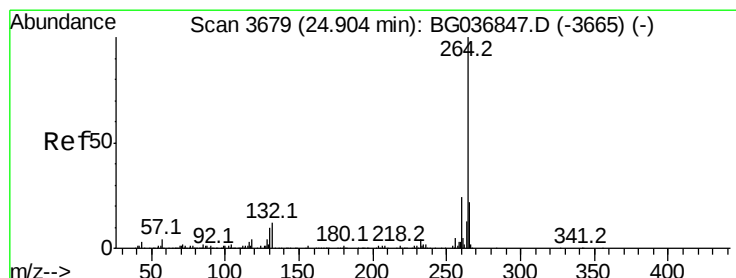
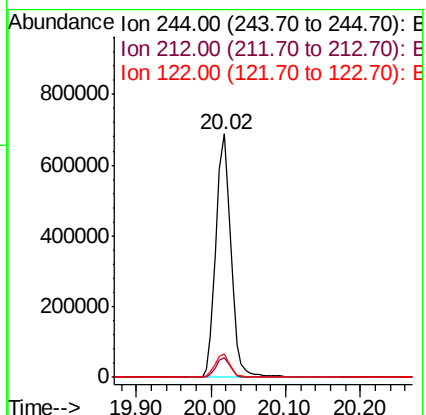
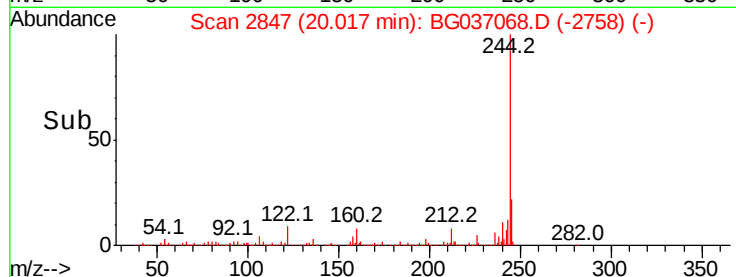
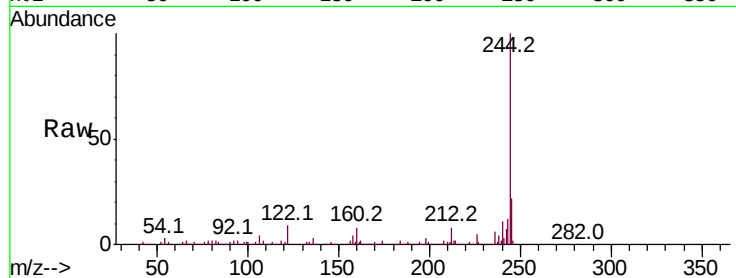
Tot Ion:244 Resp: 970522

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

122 9.5 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037068.D

Acq: 29 Sep 2018 2:51

Tgt Ion:264 Resp: 271866

Ion Ratio Lower Upper

264 100

260 22.0 19.6 29.4

265 22.9 17.4 26.0

