

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037193.D
 Acq On : 5 Oct 2018 17:05
 Operator : JU/SJ
 Sample : PB113546BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BL

Quant Time: Oct 05 18:00:01 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	8.03	152	33454	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	142986	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	95757	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	267000	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	280634	20.00	ng	-0.02
86) Perylene-d12	24.86	264	268292	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	168727	96.72	ng	-0.02
7) Phenol-d6	7.19	99	232313	86.08	ng	-0.02
23) Nitrobenzene-d5	9.19	82	148532	55.63	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	99002	86.41	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	352106	54.77	ng	-0.02
78) Terphenyl-d14	20.01	244	684923	64.18	ng	-0.02

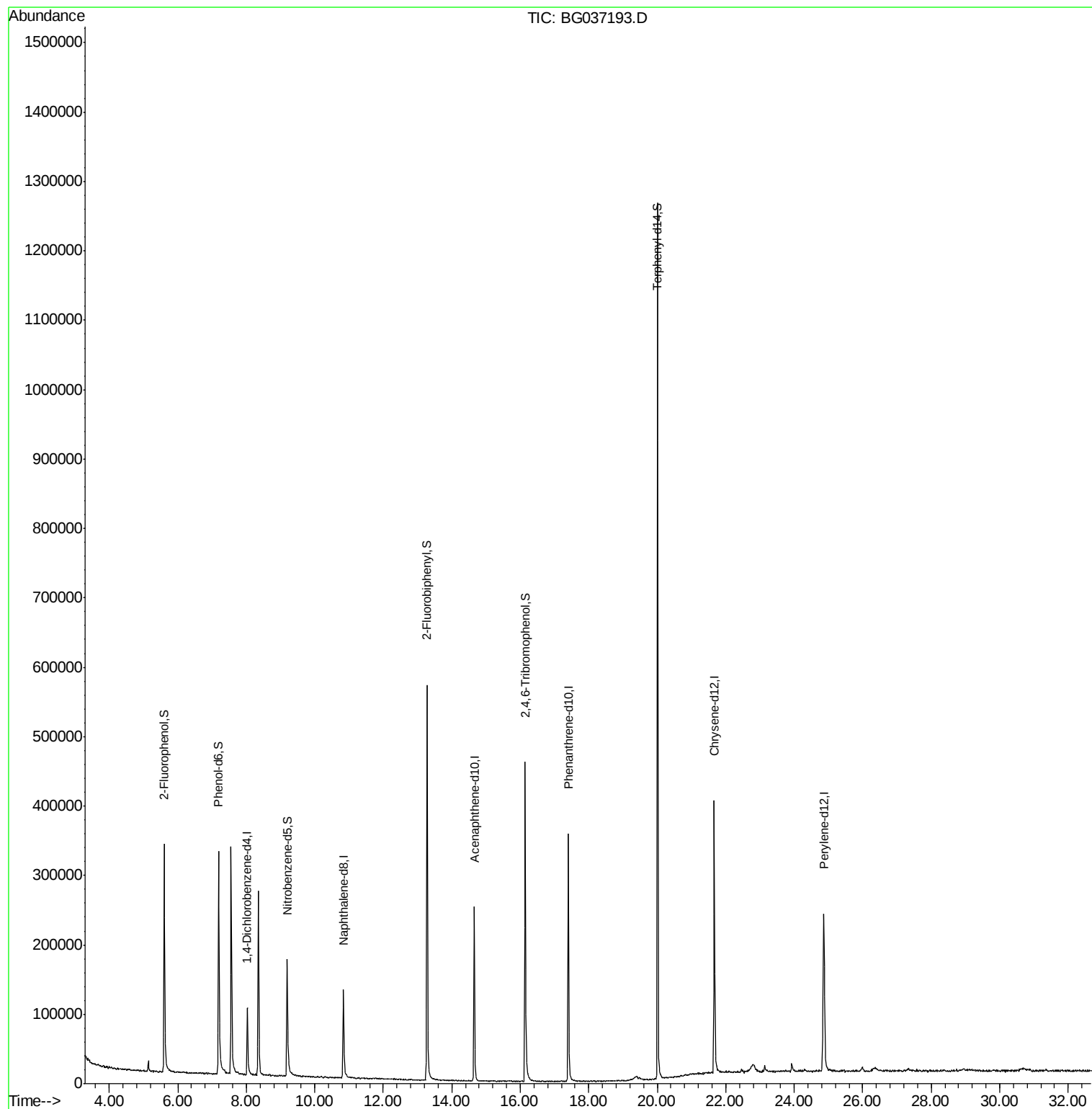
Target Compounds Qvalue

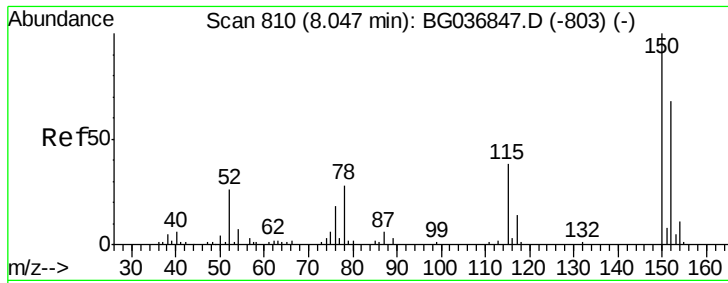
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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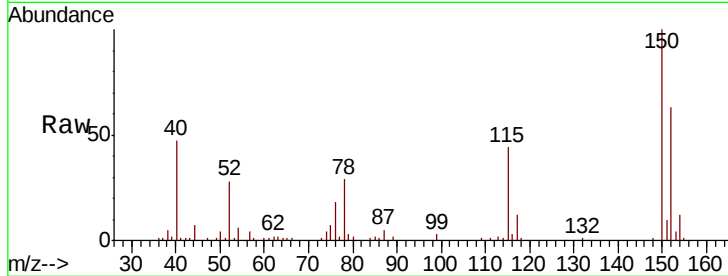


#1

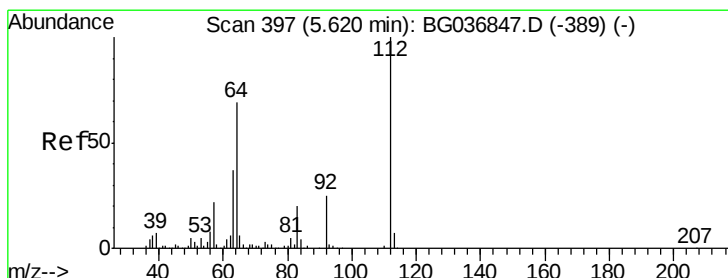
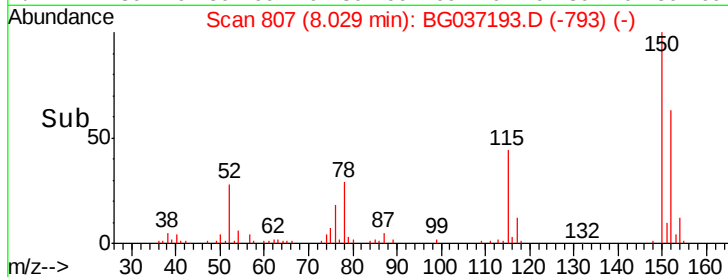
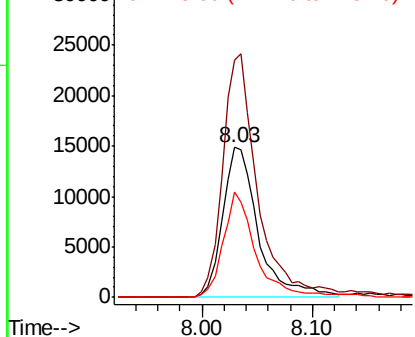
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037193.D
Acq: 5 Oct 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB113546BL

Tot Ion:152 Resp: 33454
Ion Ratio Lower Upper
152 100
150 158.9 119.5 179.3
115 70.1 44.5 66.7#



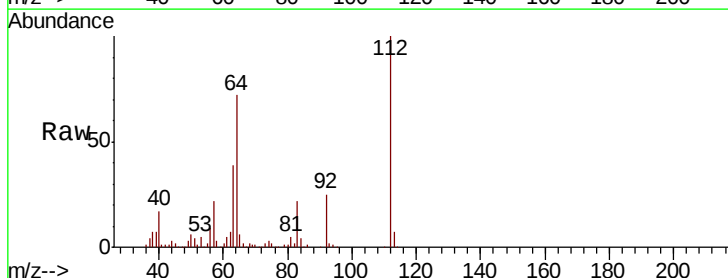
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



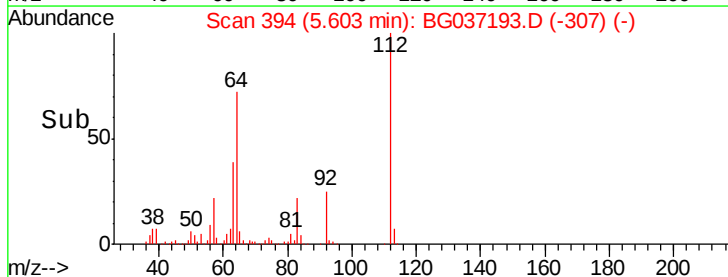
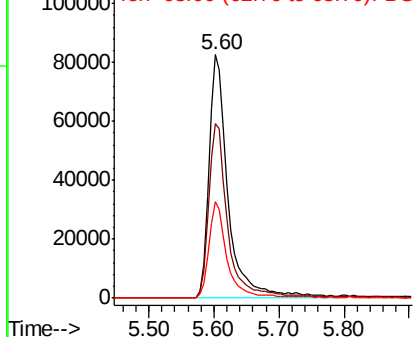
#5

2-Fluorophenol
Concen: 96.724 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037193.D
Acq: 5 Oct 2018 17:05

Tgt Ion:112 Resp: 168727
Ion Ratio Lower Upper
112 100
64 71.7 57.2 85.8
63 39.4 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: 86.077 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG037193.D

Acq: 5 Oct 2018 17:05

Instrument :

BNA_G

ClientSampled :

PB113546BL

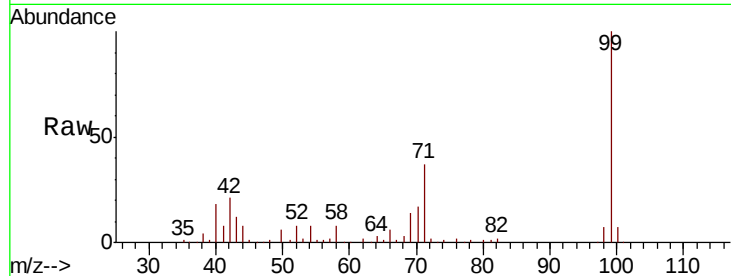
Tot Ion: 99 Resp: 232313

Ion Ratio Lower Upper

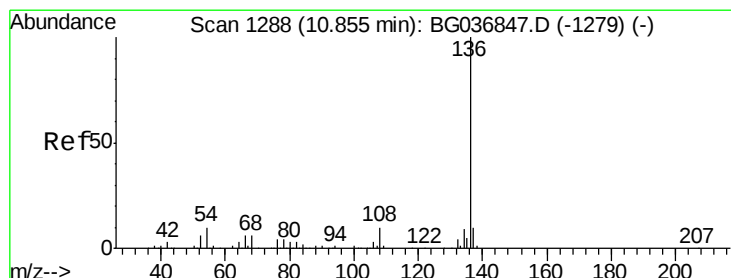
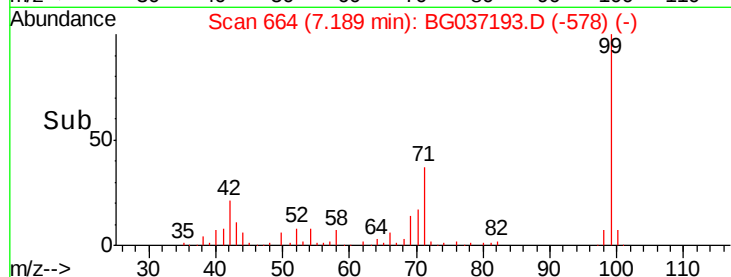
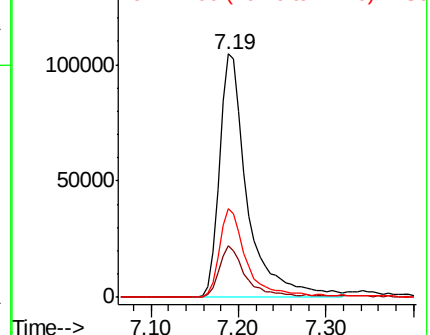
99 100

42 21.4 16.5 24.7

71 36.6 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: 10.84 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG037193.D

Acq: 5 Oct 2018 17:05

Tgt Ion: 136 Resp: 142986

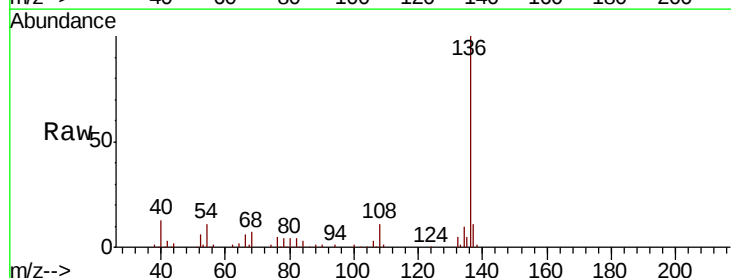
Ion Ratio Lower Upper

136 100

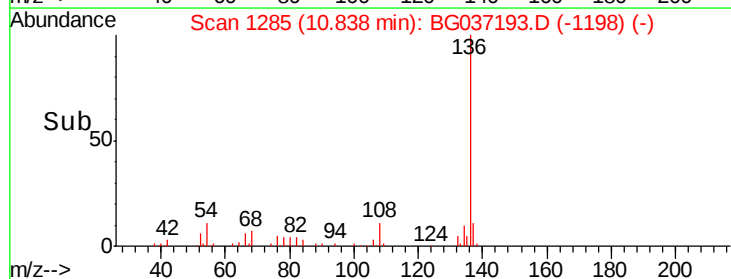
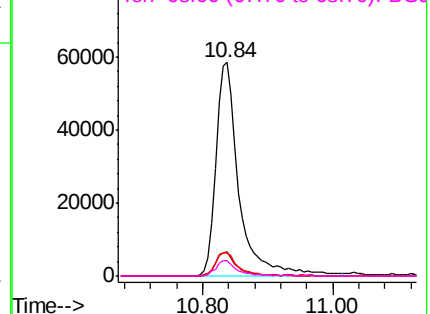
137 11.2 8.8 13.2

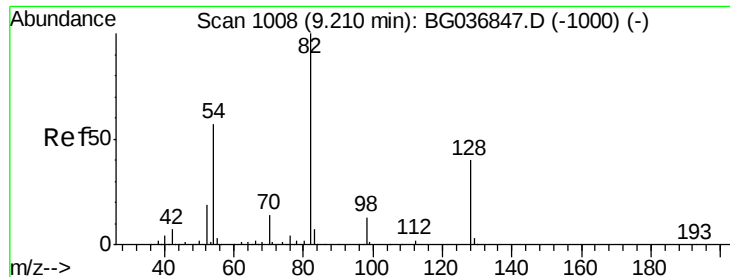
54 10.5 9.2 13.8

68 7.1 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

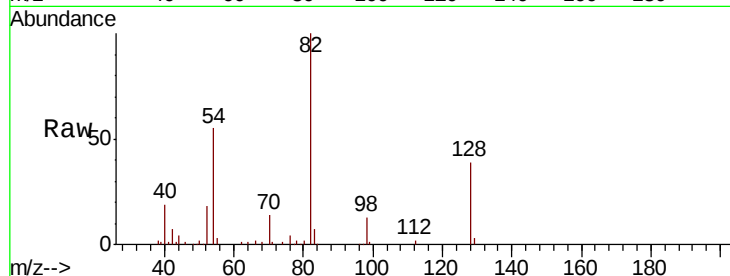




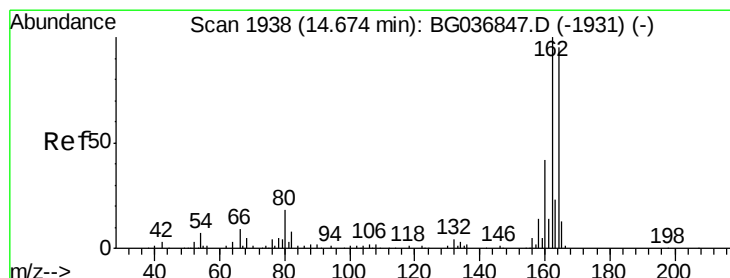
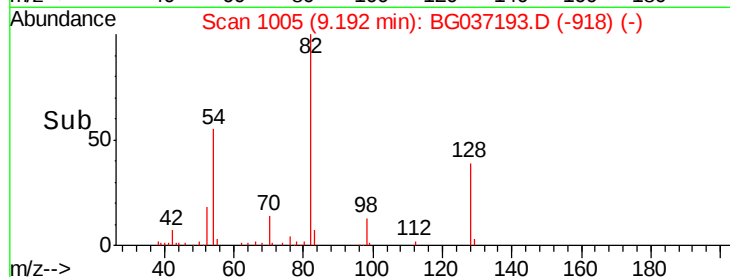
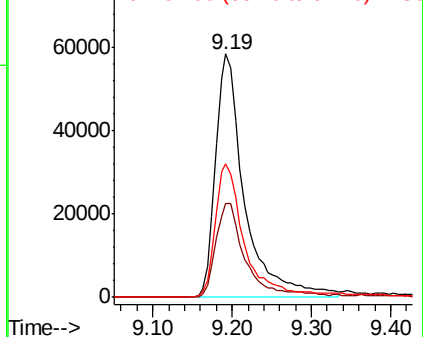
#23
Nitrobenzene-d5
Concen: 55.628 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037193.D
Acq: 5 Oct 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB113546BL

Tot Ion: 82 Resp: 148532
Ion Ratio Lower Upper
82 100
128 38.8 33.3 49.9
54 54.6 45.1 67.7

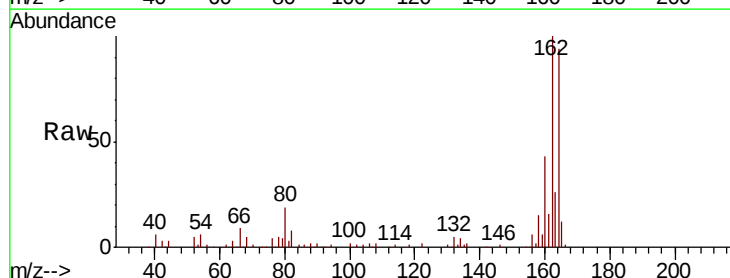


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

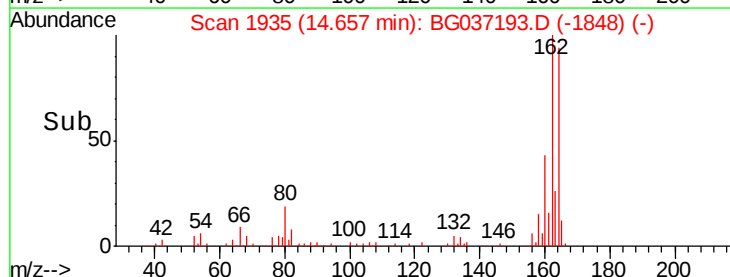
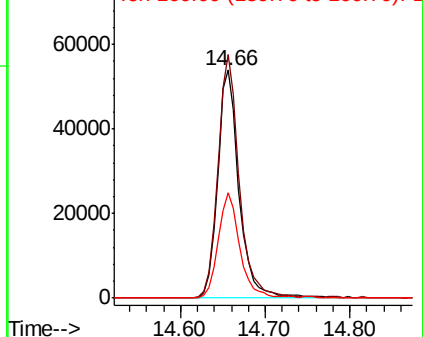


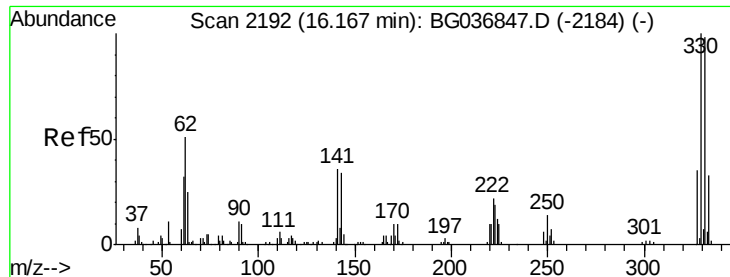
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037193.D
Acq: 5 Oct 2018 17:05

Tgt Ion:164 Resp: 95757
Ion Ratio Lower Upper
164 100
162 106.9 80.7 121.1
160 46.1 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

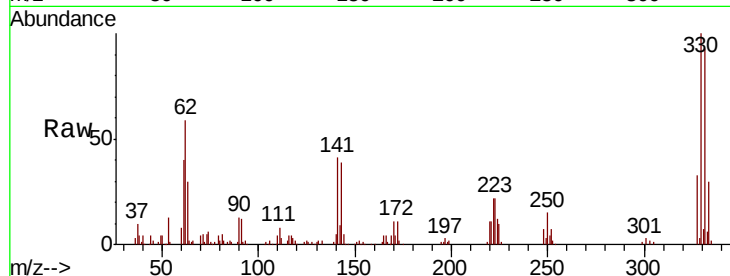




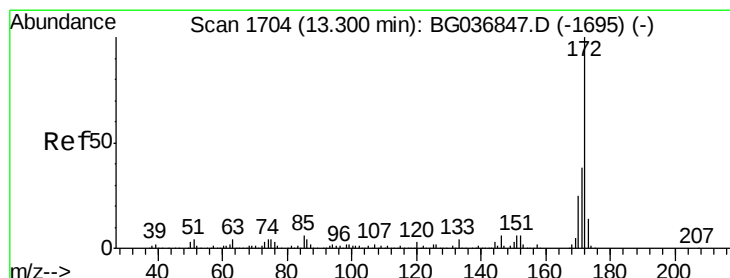
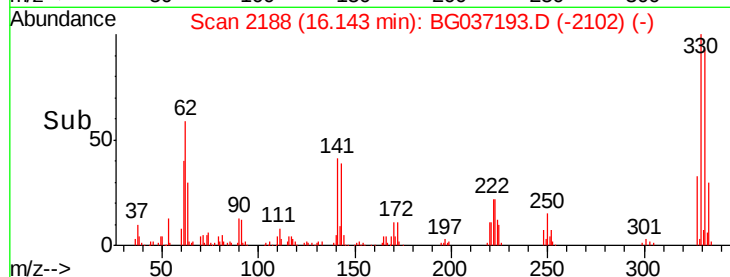
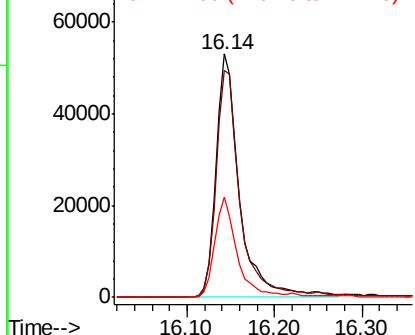
#41
 2,4,6-Tribromophenol
 Concen: 86.414 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037193.D
 Acq: 5 Oct 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BL

Tot Ion:330 Resp: 99002
 Ion Ratio Lower Upper
 330 100
 332 94.3 75.4 113.2
 141 40.0 30.7 46.1

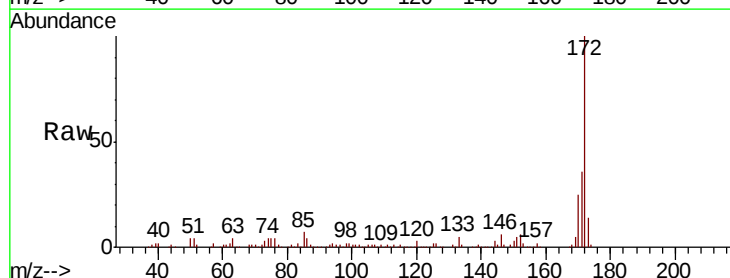


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

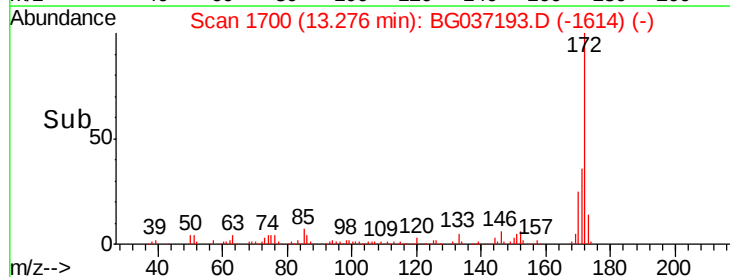
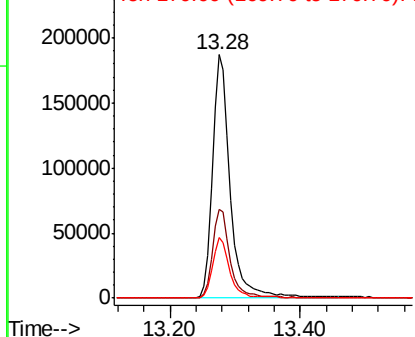


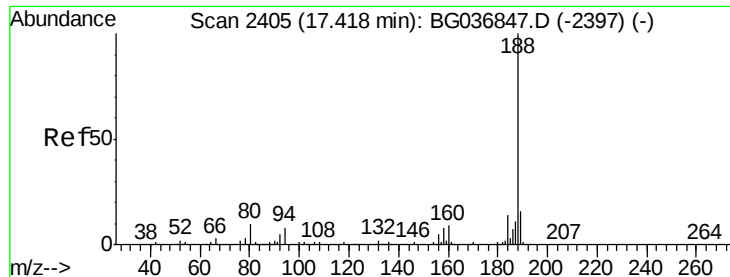
#44
 2-Fluorobiphenyl
 Concen: 54.766 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037193.D
 Acq: 5 Oct 2018 17:05

Tgt Ion:172 Resp: 352106
 Ion Ratio Lower Upper
 172 100
 171 36.4 31.3 46.9
 170 25.0 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

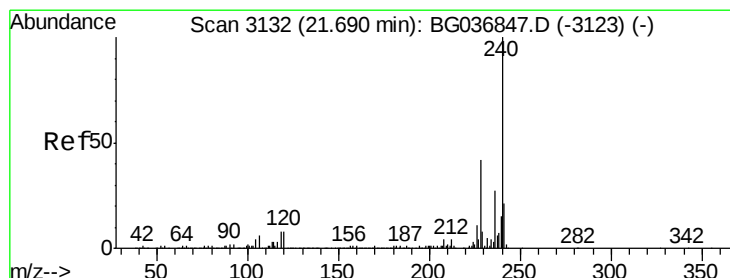
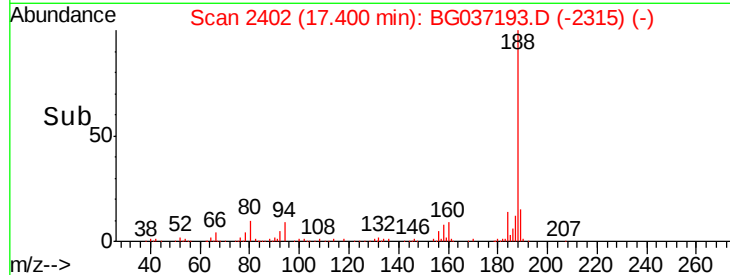
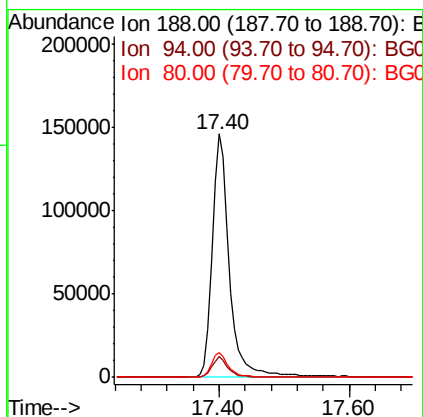
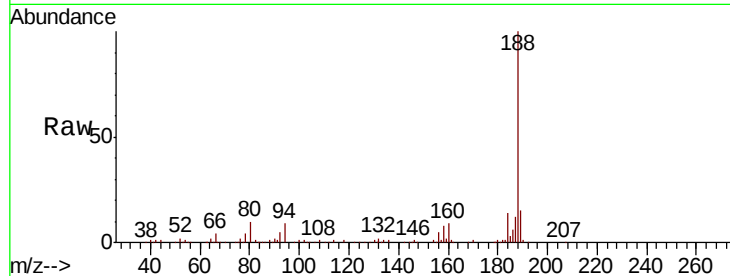




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037193.D
Acq: 5 Oct 2018 17:05

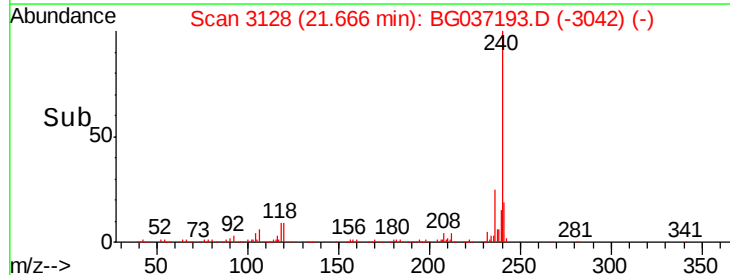
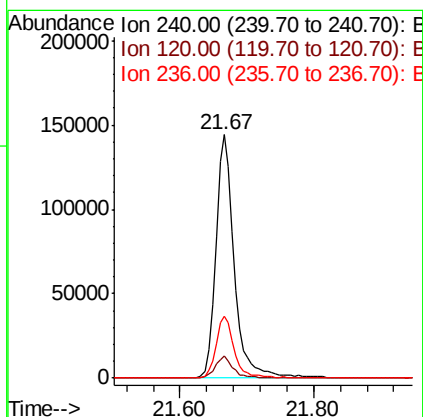
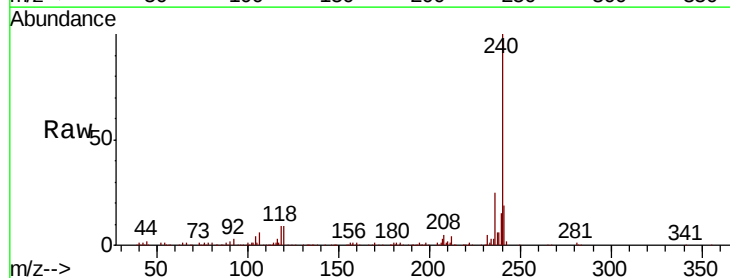
Instrument :
BNA_G
ClientSampleId :
PB113546BL

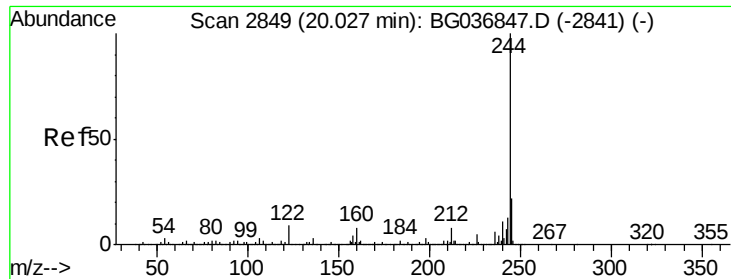
Tot Ion:188 Resp: 267000
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.9 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037193.D
Acq: 5 Oct 2018 17:05

Tgt Ion:240 Resp: 280634
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 25.5 21.2 31.8





#78

Terphenyl-d14

Concen: 64.176 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037193.D

Acq: 5 Oct 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB113546BL

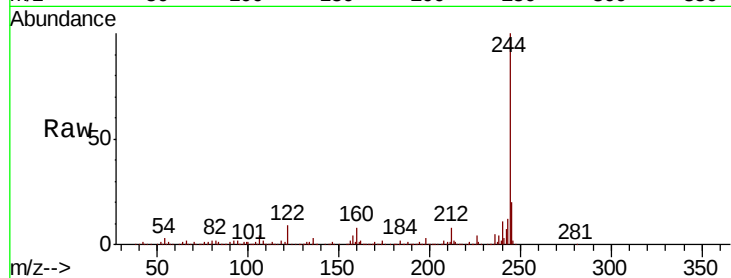
Tot Ion:244 Resp: 684923

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

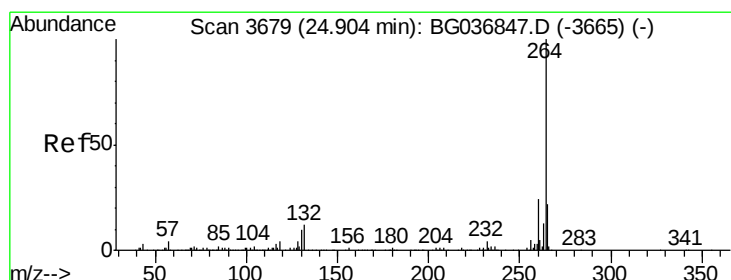
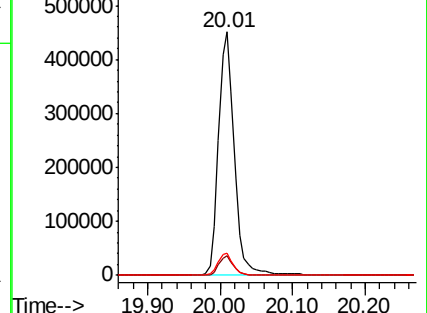
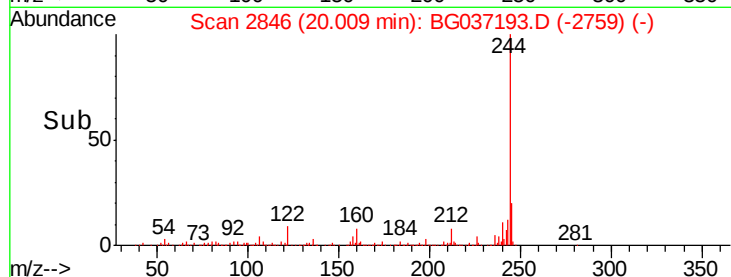
122 9.1 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. -0.04 min

Lab File: BG037193.D

Acq: 5 Oct 2018 17:05

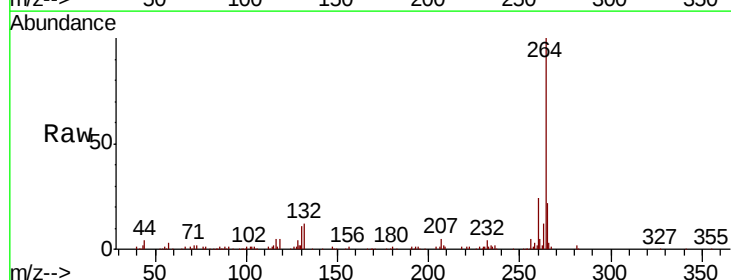
Tgt Ion:264 Resp: 268292

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 21.7 17.4 26.0



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

