

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037101.D
 Acq On : 2 Oct 2018 12:11
 Operator : JU/SJ
 Sample : PB113413BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BL

Quant Time: Oct 02 14:29:40 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	65683	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	277501	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	170012	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	416340	20.00	ng	0.00
75) Chrysene-d12	21.67	240	422178	20.00	ng	-0.02
86) Perylene-d12	24.88	264	412974	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	514226	150.14	ng	0.00
7) Phenol-d6	7.20	99	683061	128.90	ng	0.00
23) Nitrobenzene-d5	9.20	82	457901	88.36	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	231867	113.99	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	986411	86.41	ng	-0.02
78) Terphenyl-d14	20.02	244	1517621	94.52	ng	0.00

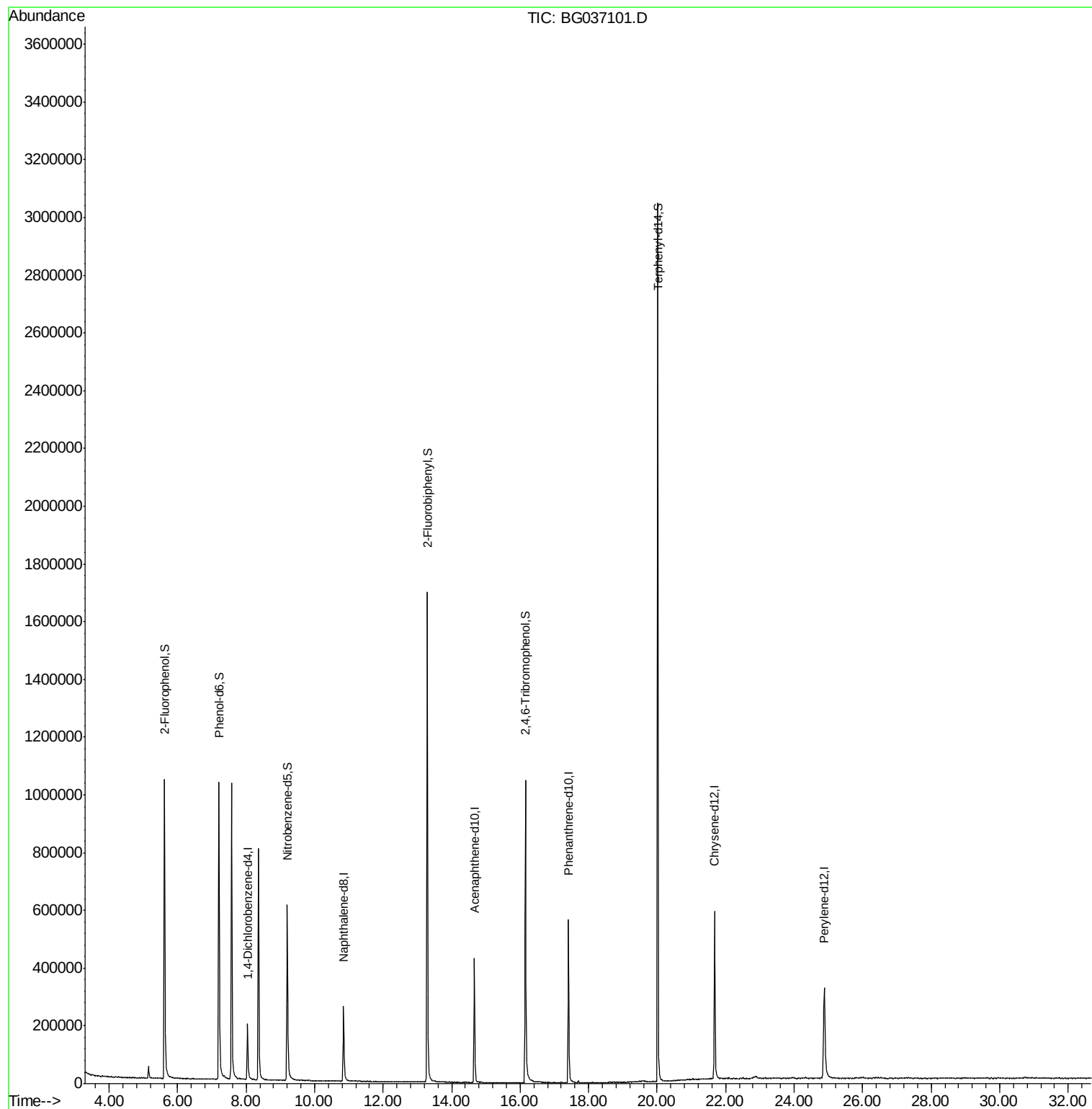
Target Compounds Qvalue

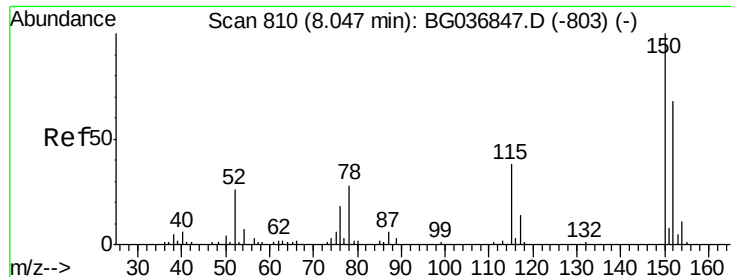
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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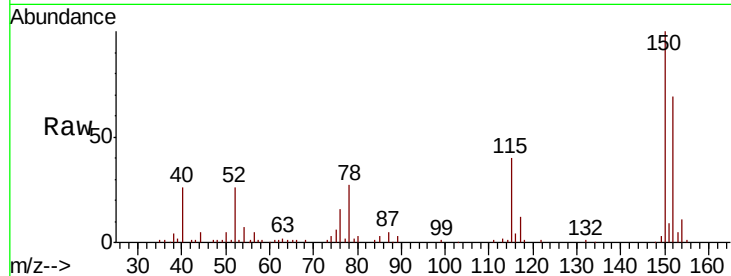


#1

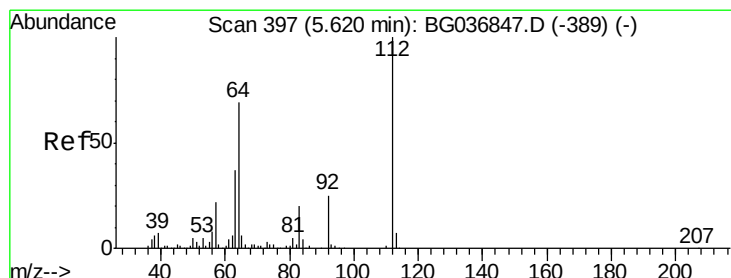
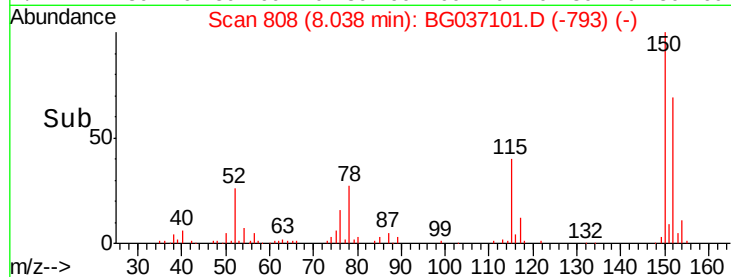
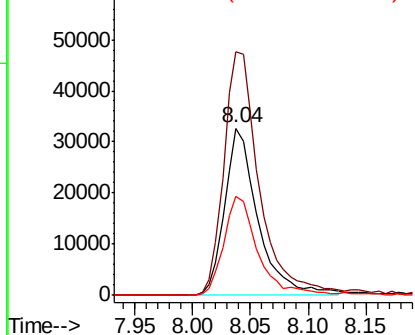
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037101.D
Acq: 2 Oct 2018 12:11

Instrument :
BNA_G
ClientSampleId :
PB113413BL

Tot Ion:152 Resp: 65683
Ion Ratio Lower Upper
152 100
150 145.8 119.5 179.3
115 58.9 44.5 66.7



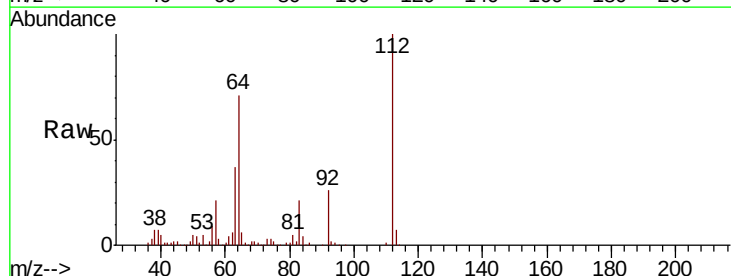
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



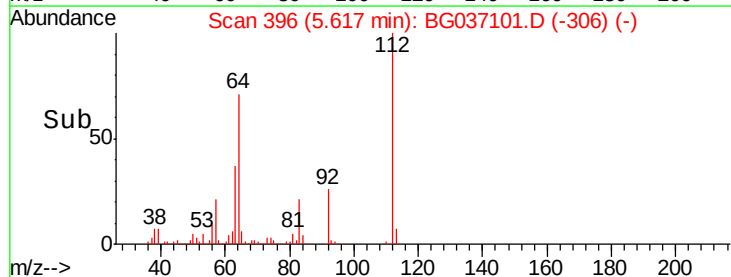
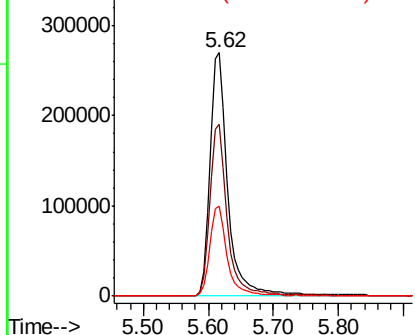
#5

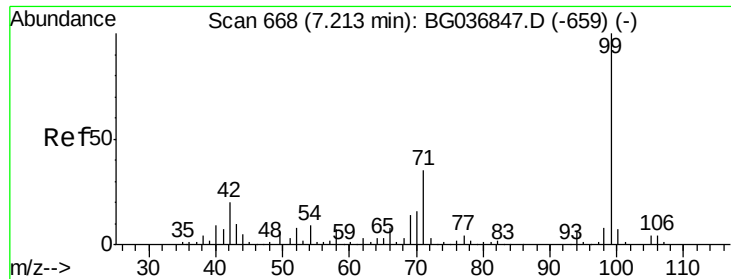
2-Fluorophenol
Concen: 150.141 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037101.D
Acq: 2 Oct 2018 12:11

Tgt Ion:112 Resp: 514226
Ion Ratio Lower Upper
112 100
64 70.8 57.2 85.8
63 36.9 30.8 46.2



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: 128.904 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037101.D

Acq: 2 Oct 2018 12:11

Instrument :

BNA_G

ClientSampleId :

PB113413BL

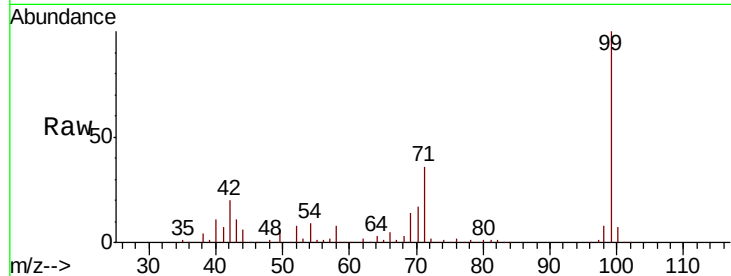
Tot Ion: 99 Resp: 683061

Ion Ratio Lower Upper

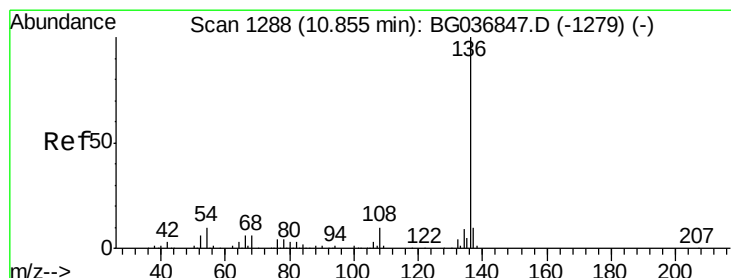
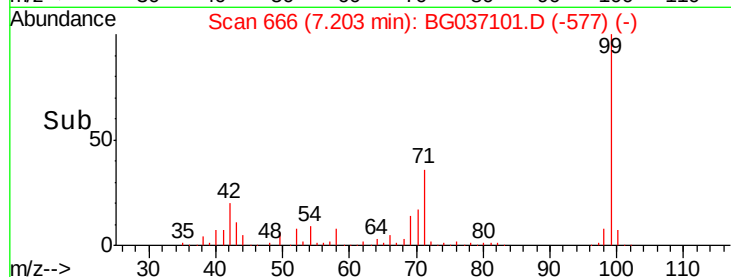
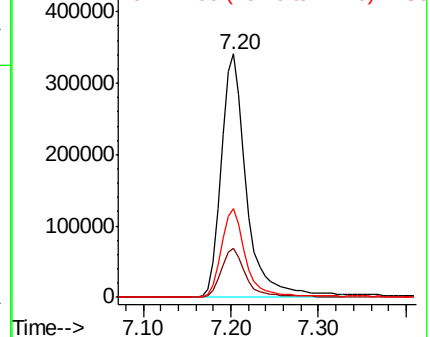
99 100

42 20.3 16.5 24.7

71 36.3 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: BG037101.D

Acq: 2 Oct 2018 12:11

Tgt Ion: 136 Resp: 277501

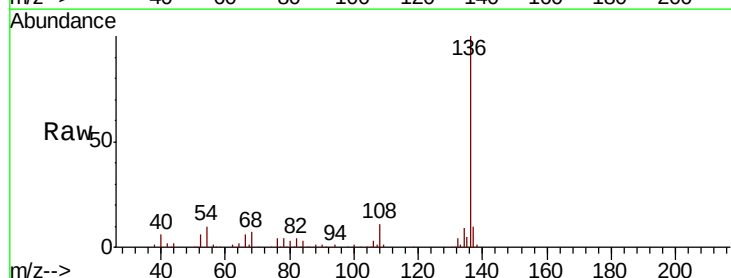
Ion Ratio Lower Upper

136 100

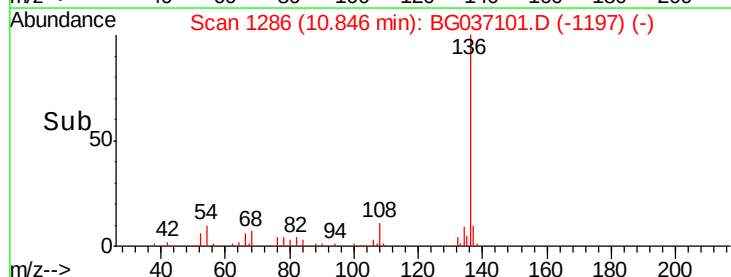
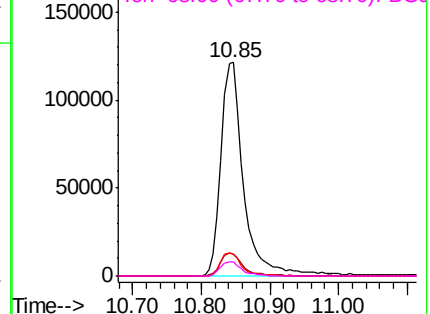
137 10.2 8.8 13.2

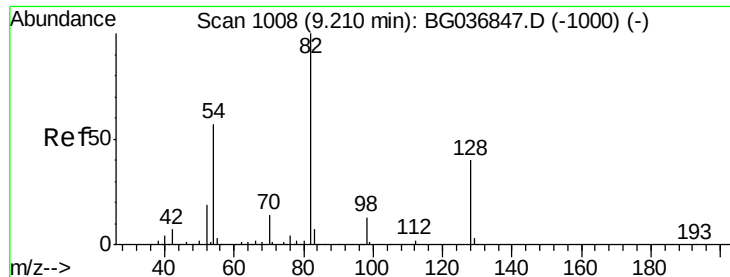
54 10.3 9.2 13.8

68 6.6 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

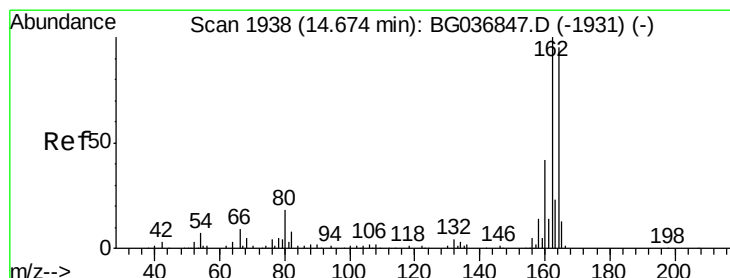
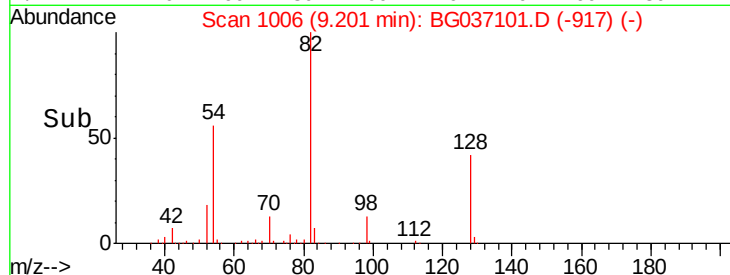
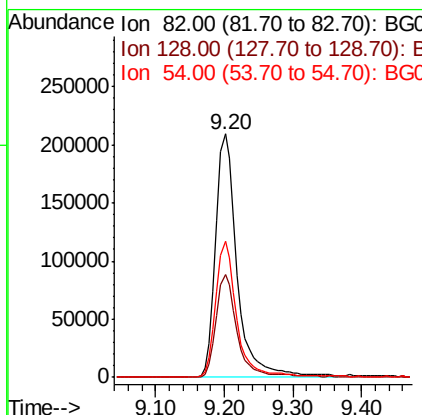
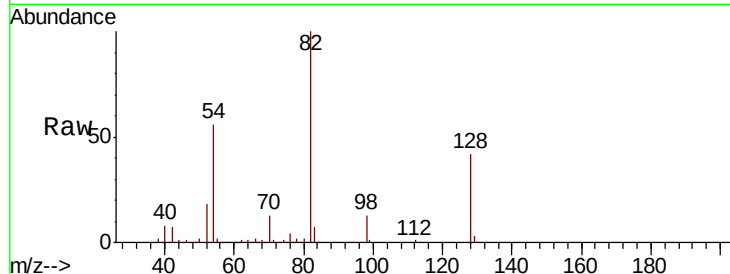




#23
 Nitrobenzene-d5
 Concen: 88.364 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037101.D
 Acq: 2 Oct 2018 12:11

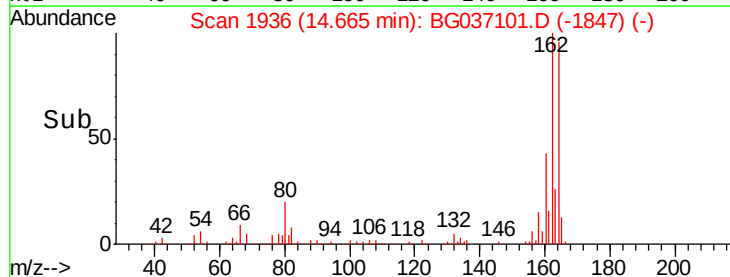
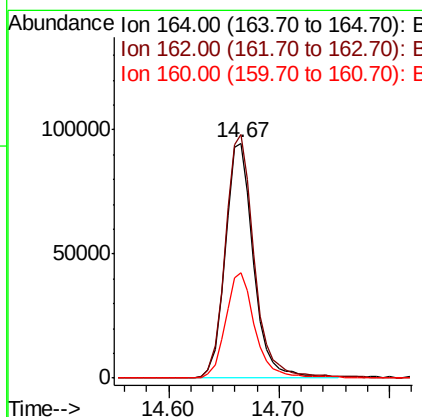
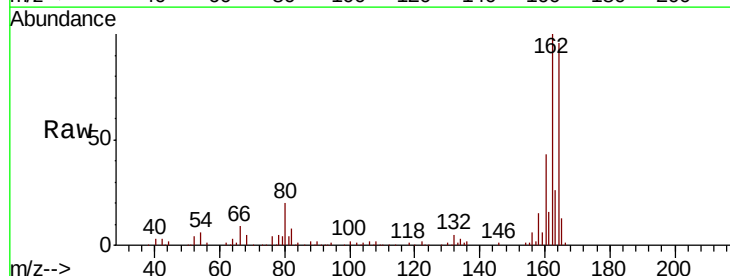
Instrument :
 BNA_G
 ClientSampleId :
 PB113413BL

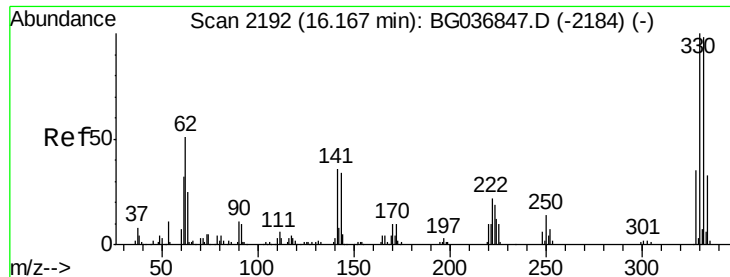
Tot Ion	82	Resp	457901
Ion Ratio	Lower	Upper	
82	100		
128	42.1	33.3	49.9
54	55.7	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037101.D
 Acq: 2 Oct 2018 12:11

Tgt Ion	164	Resp	170012
Ion Ratio	Lower	Upper	
164	100		
162	103.7	80.7	121.1
160	45.0	35.3	52.9

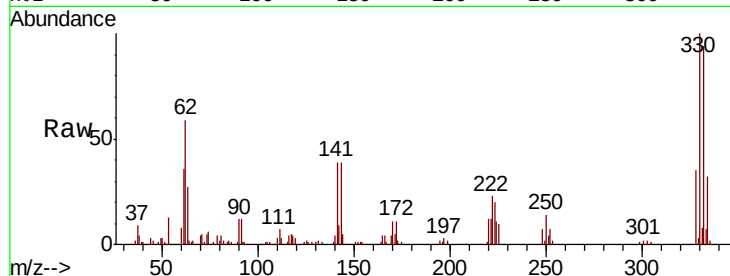




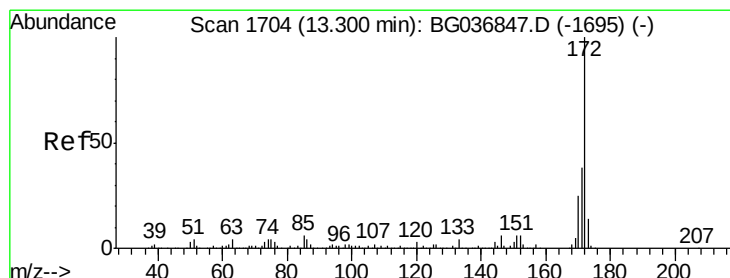
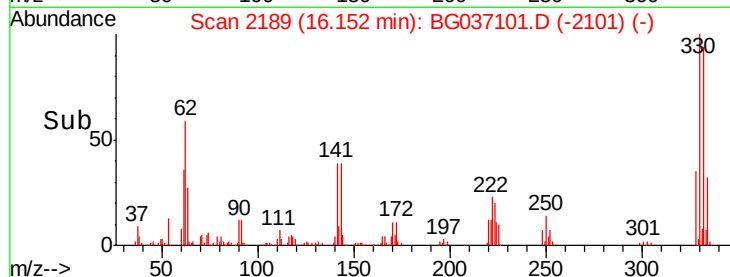
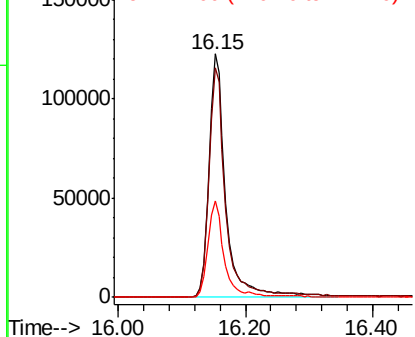
#41
 2,4,6-Tribromophenol
 Concen: 113.991 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037101.D
 Acq: 2 Oct 2018 12:11

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BL

Tot Ion:330 Resp: 231867
 Ion Ratio Lower Upper
 330 100
 332 91.2 75.4 113.2
 141 38.2 30.7 46.1

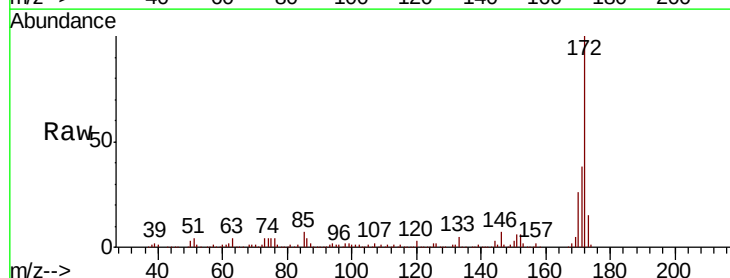


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

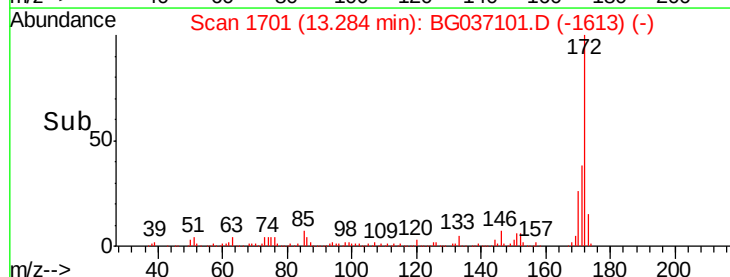
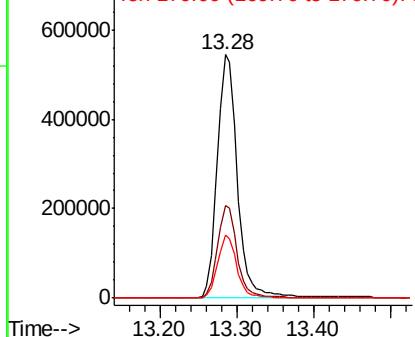


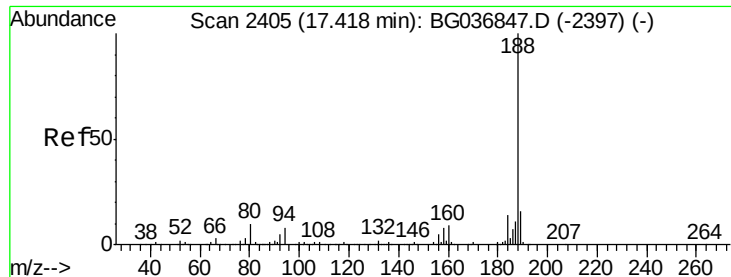
#44
 2-Fluorobiphenyl
 Concen: 86.415 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037101.D
 Acq: 2 Oct 2018 12:11

Tgt Ion:172 Resp: 986411
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.3 46.9
 170 25.7 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

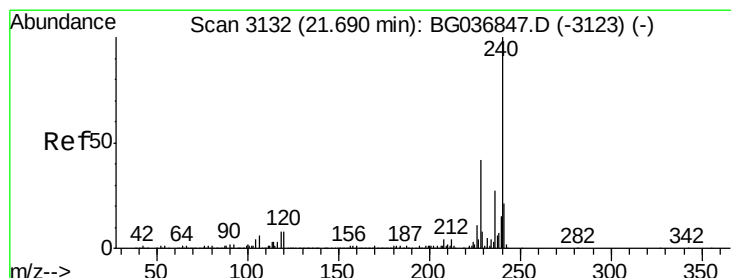
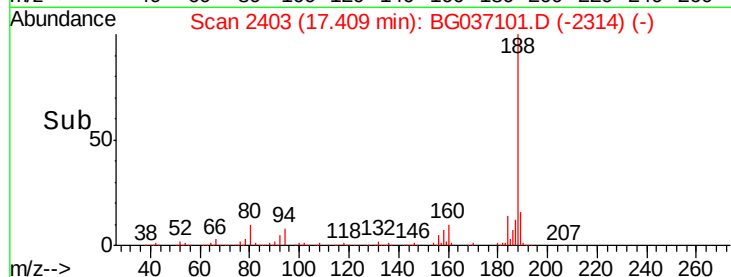
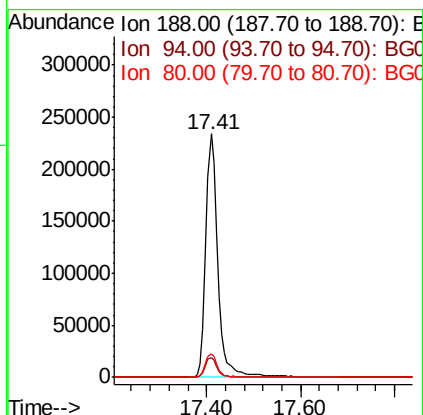
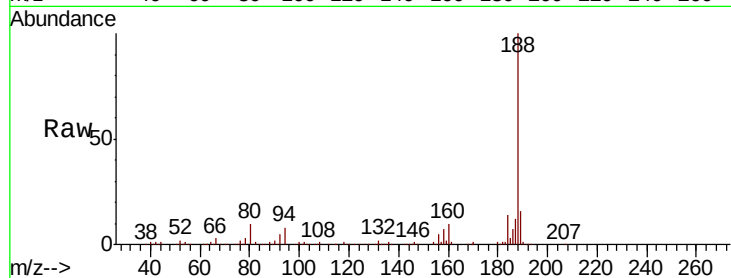




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037101.D
Acq: 2 Oct 2018 12:11

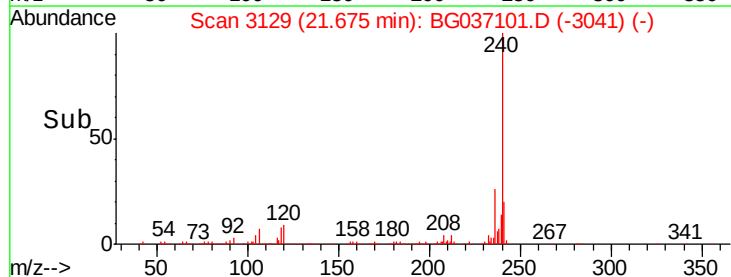
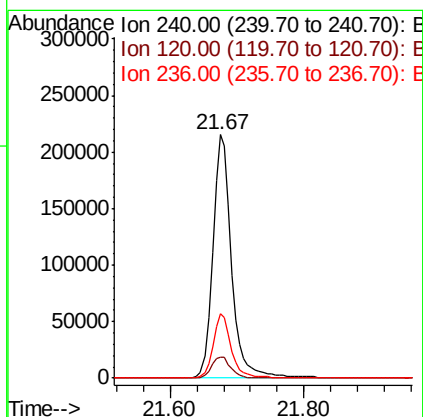
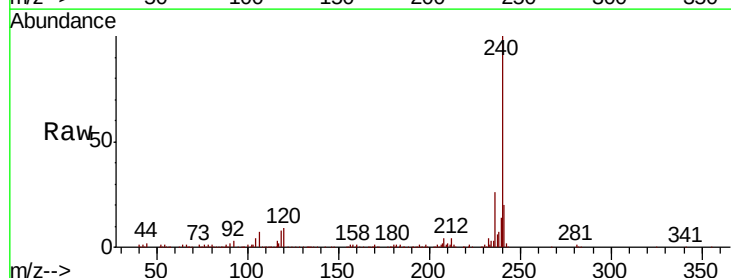
Instrument :
BNA_G
ClientSampleId :
PB113413BL

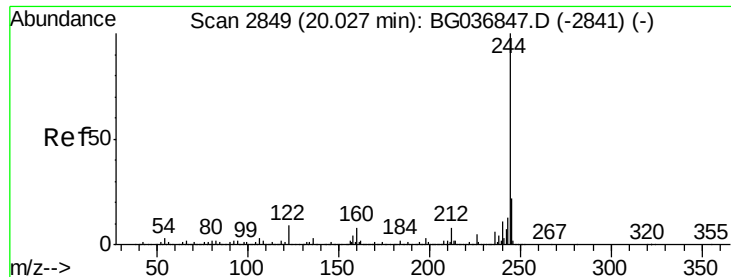
Tot Ion:188 Resp: 416340
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.8 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037101.D
Acq: 2 Oct 2018 12:11

Tgt Ion:240 Resp: 422178
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 26.3 21.2 31.8





#78

Terphenyl-d14

Concen: 94.523 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037101.D

Acq: 2 Oct 2018 12:11

Instrument :

BNA_G

ClientSampleId :

PB113413BL

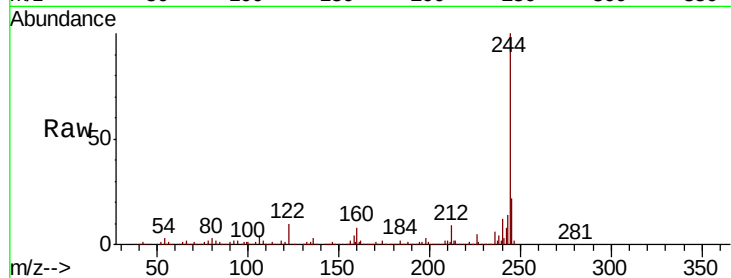
Tot Ion:244 Resp: 1517621

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

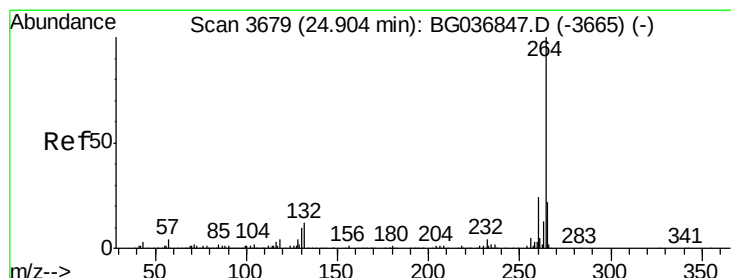
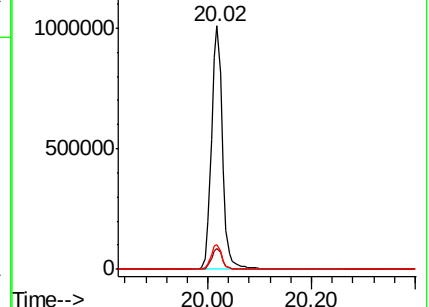
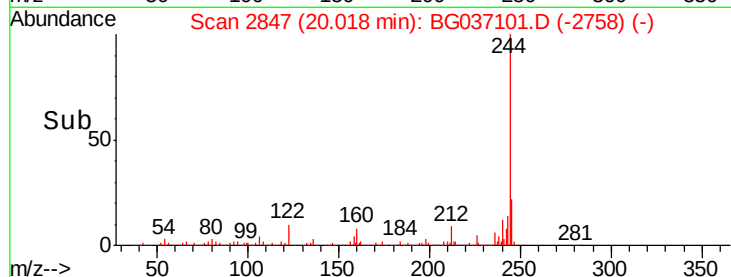
122 10.4 7.1 10.7



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: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG037101.D

Acq: 2 Oct 2018 12:11

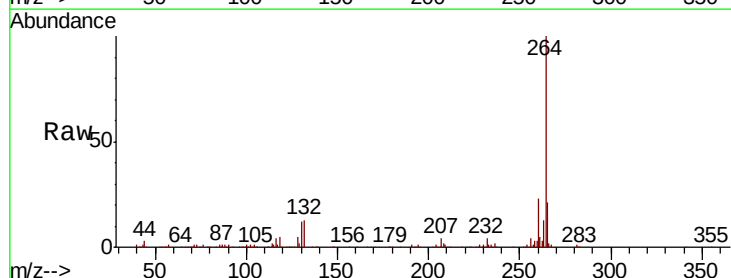
Tgt Ion:264 Resp: 412974

Ion Ratio Lower Upper

264 100

260 23.1 19.6 29.4

265 21.0 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

