

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037173.D
 Acq On : 5 Oct 2018 2:37
 Operator : JU/SJ
 Sample : PB113494BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113494BL

Quant Time: Oct 05 05:21:12 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	38965	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	150827	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	102641	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	295052	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	320995	20.00	ng	-0.02
86) Perylene-d12	24.86	264	312974	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	246067	121.11	ng	-0.01
7) Phenol-d6	7.19	99	343389	109.24	ng	-0.02
23) Nitrobenzene-d5	9.19	82	327332	116.22	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	149298	121.57	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	718761	104.30	ng	-0.02
78) Terphenyl-d14	20.01	244	1442045	118.13	ng	-0.02

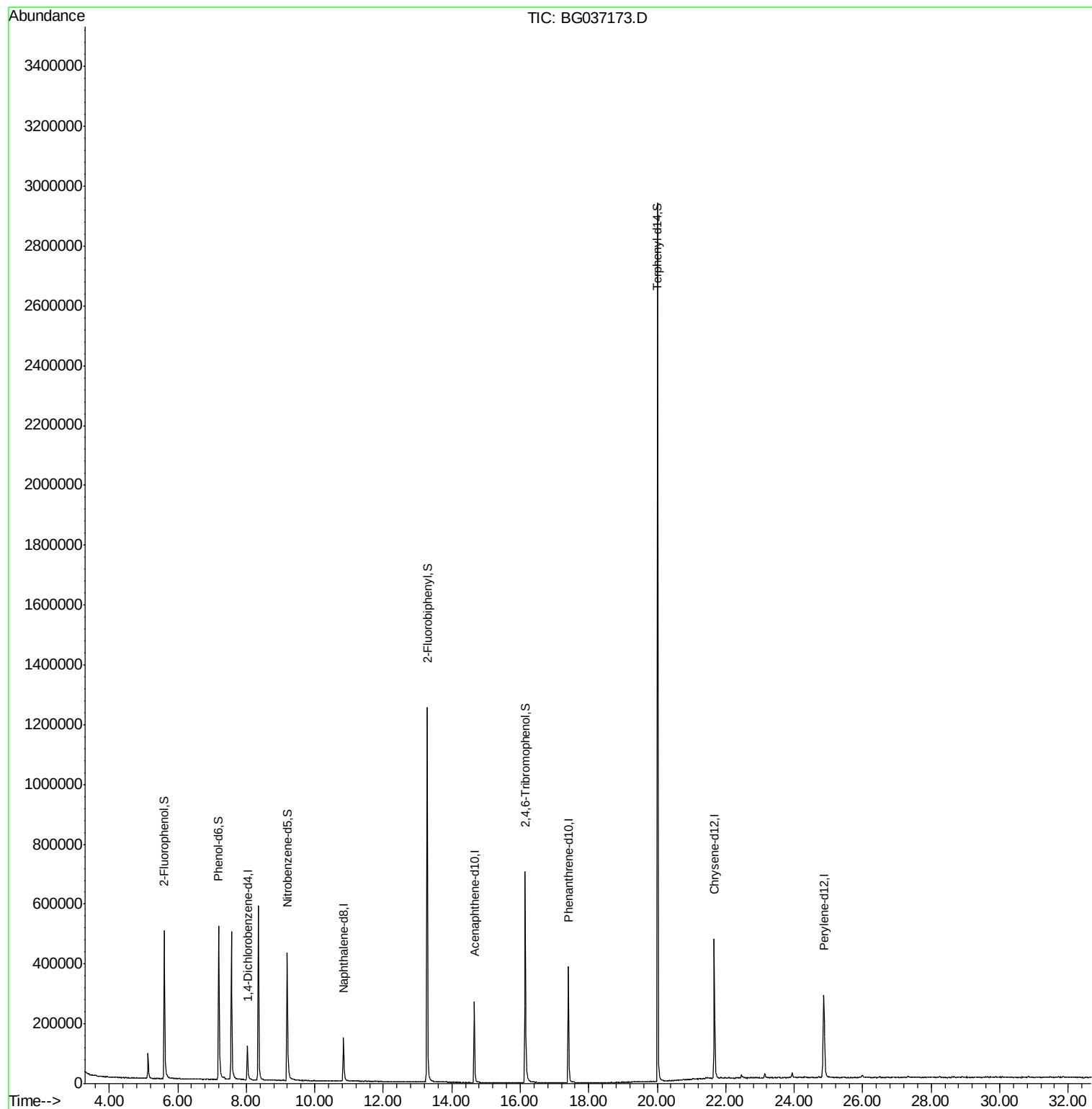
Target Compounds Qvalue

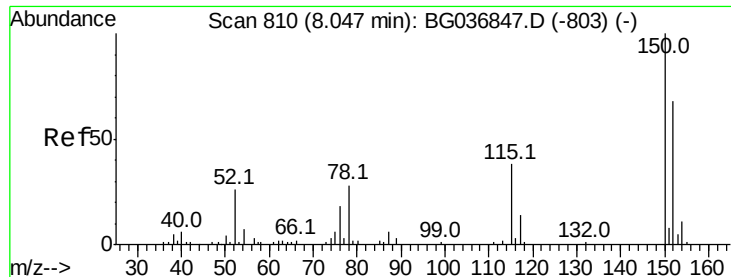
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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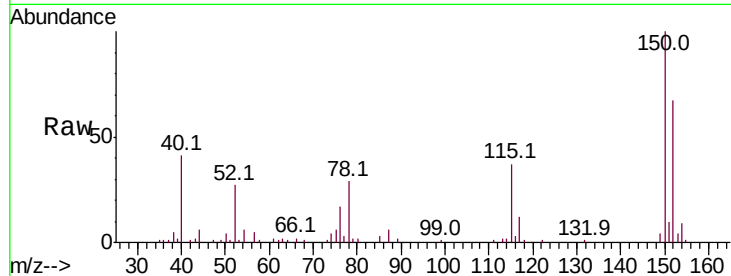


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BG037173.D
 Acq: 5 Oct 2018 2:37

Instrument :
 BNA_G
 ClientSampleId :
 PB113494BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	119.5	179.3
115	55.9	44.5	66.7

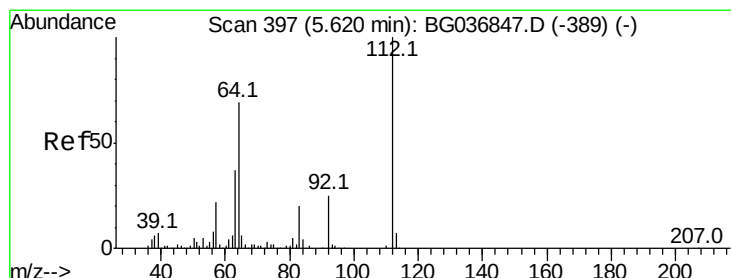
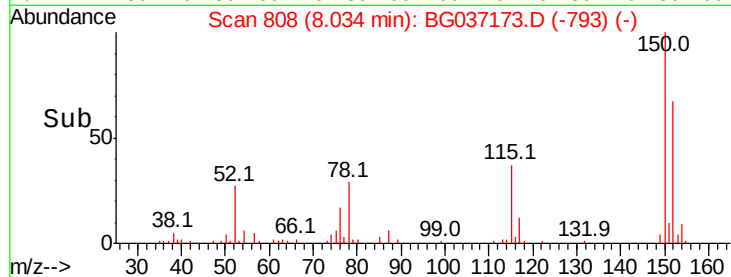
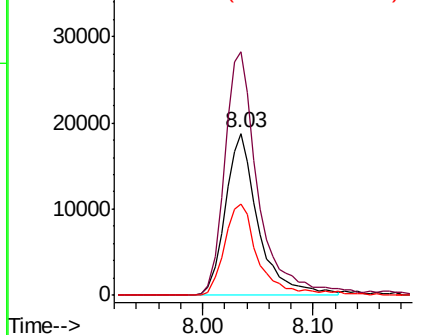


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

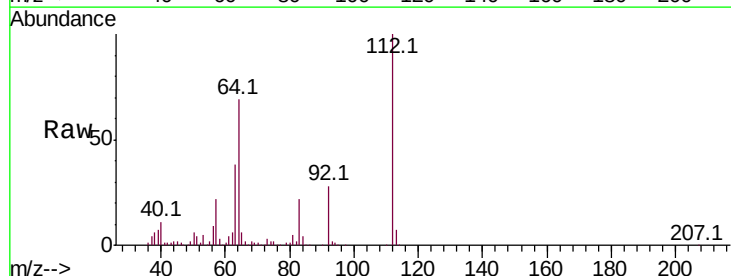
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 121.109 ng
 RT: 5.61 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BG037173.D
 Acq: 5 Oct 2018 2:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.2	85.8
63	38.0	30.8	46.2

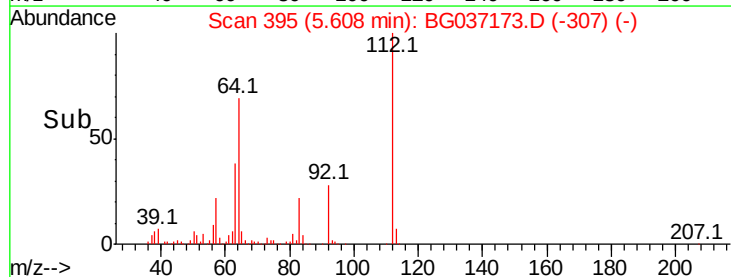
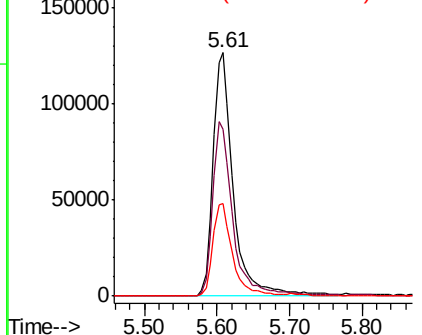


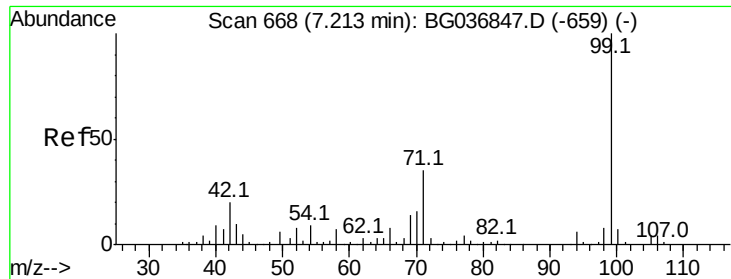
Abundance

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: 109.238 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037173.D

Acq: 5 Oct 2018 2:37

Instrument :

BNA_G

ClientSampleId :

PB113494BL

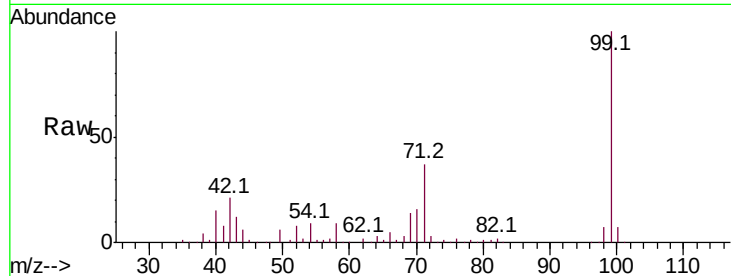
Tot Ion: 99 Resp: 343389

Ion Ratio Lower Upper

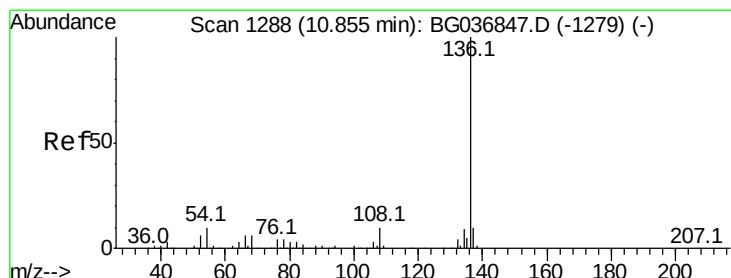
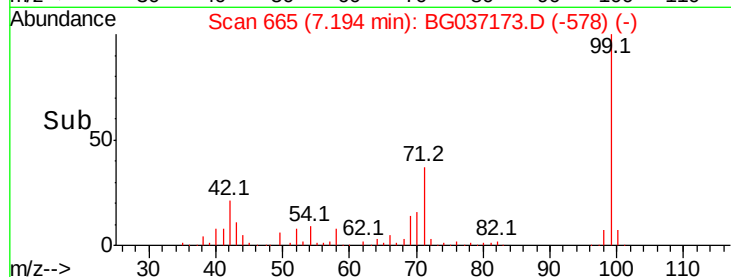
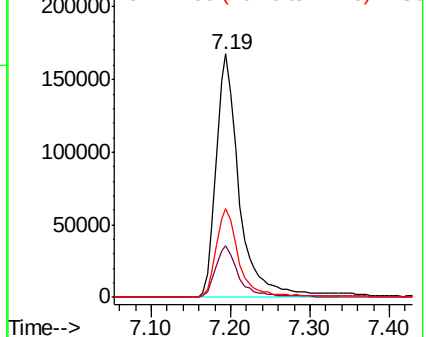
99 100

42 21.0 16.5 24.7

71 36.5 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: BG037173.D

Acq: 5 Oct 2018 2:37

Tgt Ion: 136 Resp: 150827

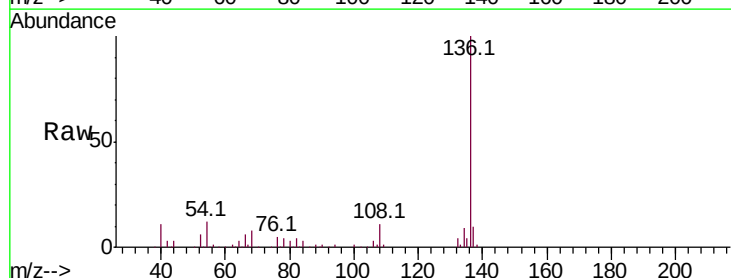
Ion Ratio Lower Upper

136 100

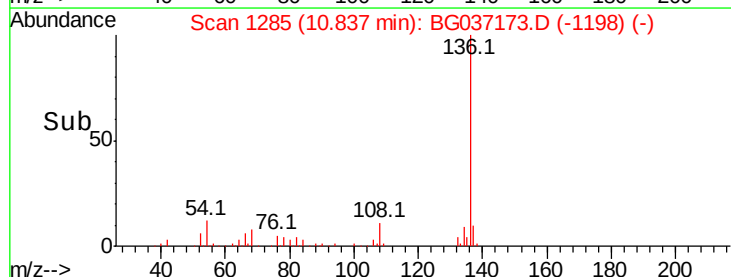
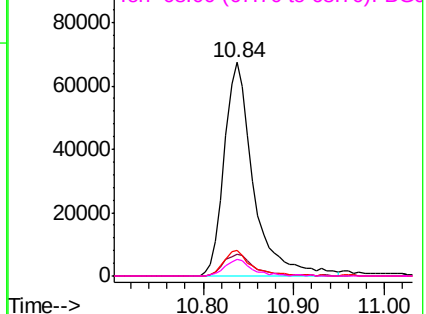
137 10.3 8.8 13.2

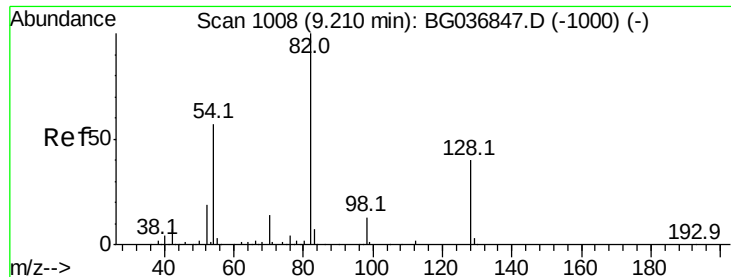
54 12.1 9.2 13.8

68 7.6 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

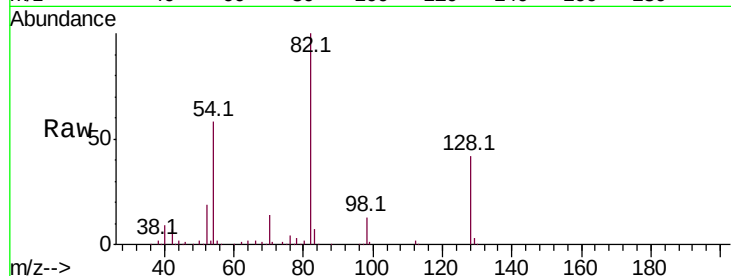




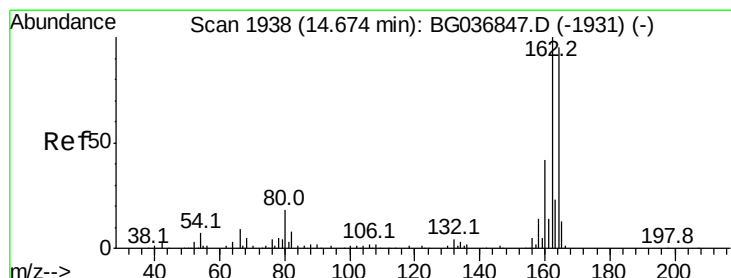
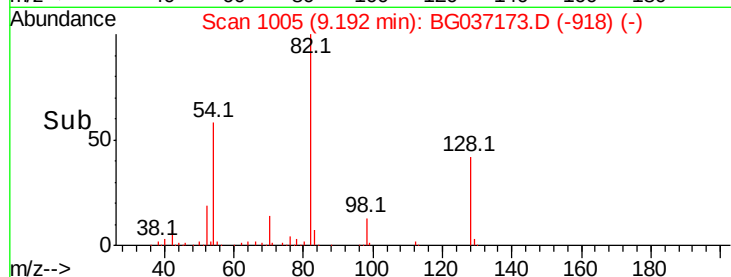
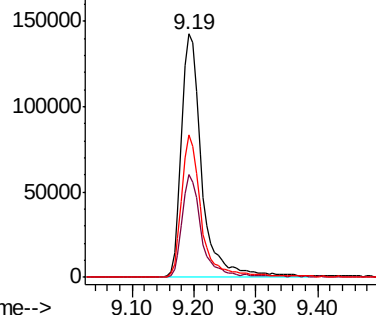
#23
 Nitrobenzene-d5
 Concen: 116.219 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BG037173.D
 Acq: 5 Oct 2018 2:37

Instrument :
 BNA_G
 ClientSampleId :
 PB113494BL

Tot Ion: 82 Resp: 327332
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.3 49.9
 54 58.4 45.1 67.7

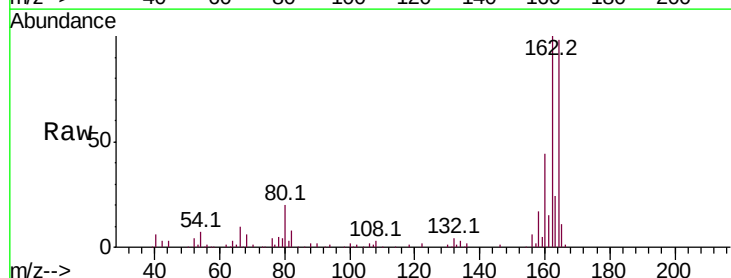


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

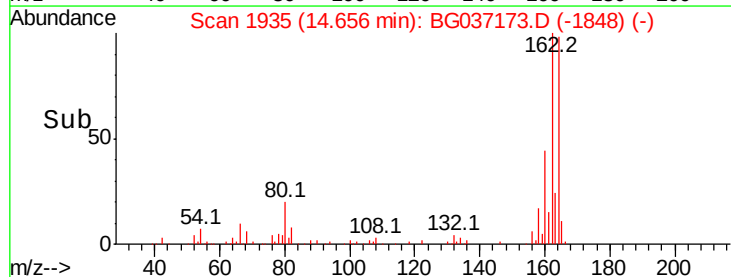
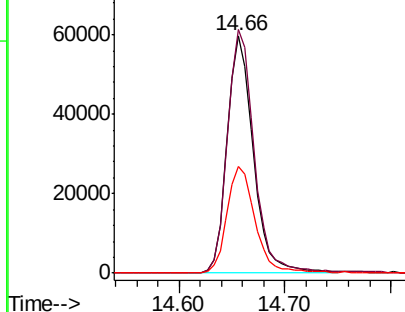


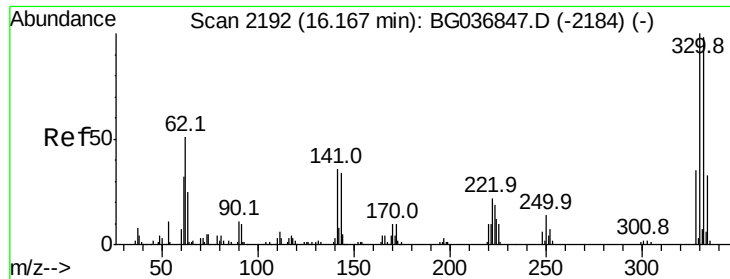
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BG037173.D
 Acq: 5 Oct 2018 2:37

Tgt Ion:164 Resp: 102641
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.7 121.1
 160 45.0 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

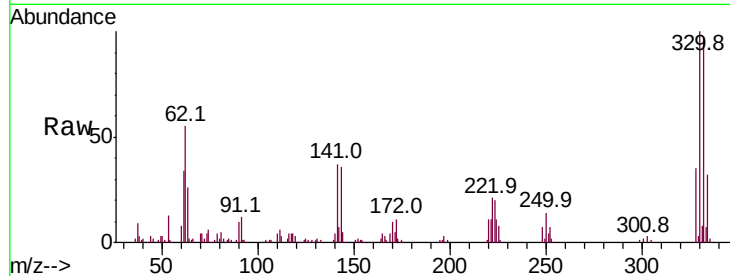




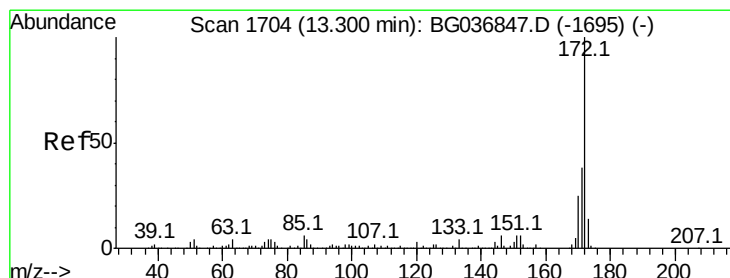
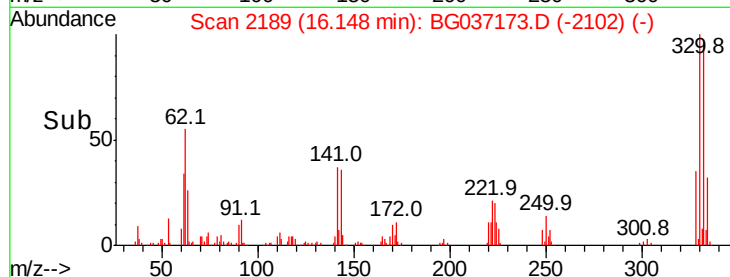
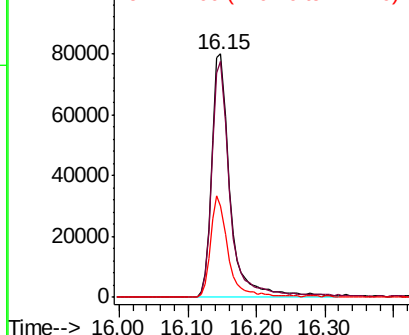
#41
 2,4,6-Tribromophenol
 Concen: 121.575 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037173.D
 Acq: 5 Oct 2018 2:37

Instrument :
 BNA_G
 ClientSampleID :
 PB113494BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	39.1	30.7	46.1

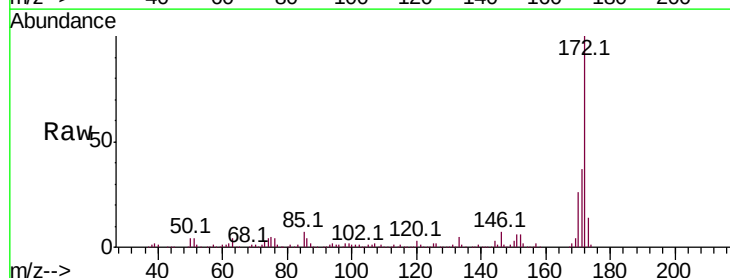


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

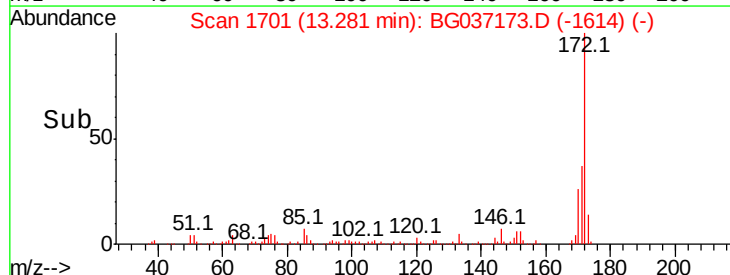
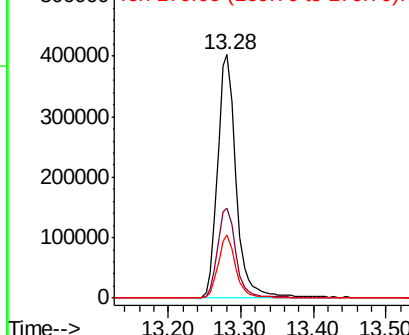


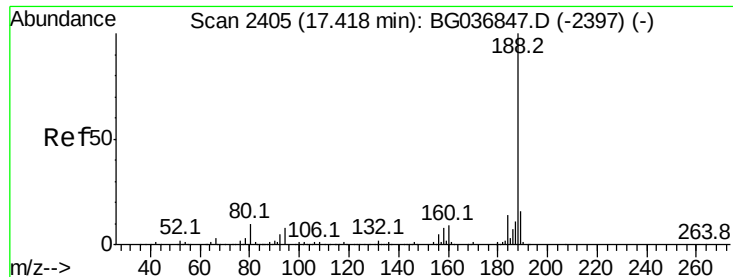
#44
 2-Fluorobiphenyl
 Concen: 104.297 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037173.D
 Acq: 5 Oct 2018 2:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.3	46.9
170	25.8	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

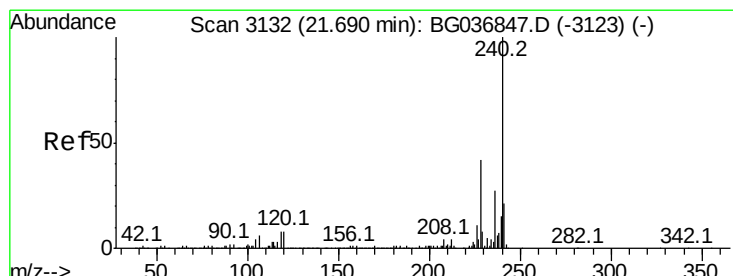
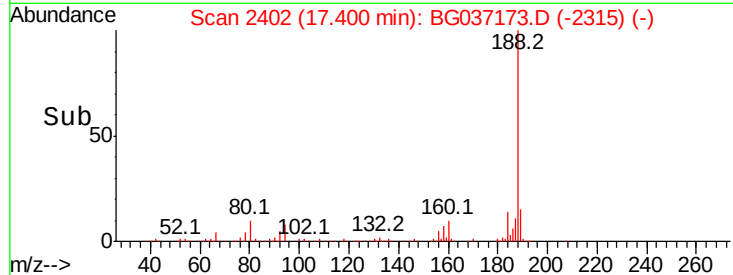
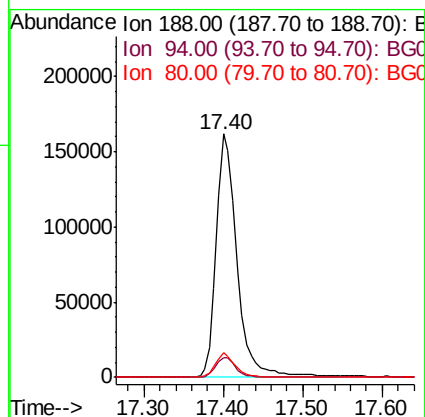
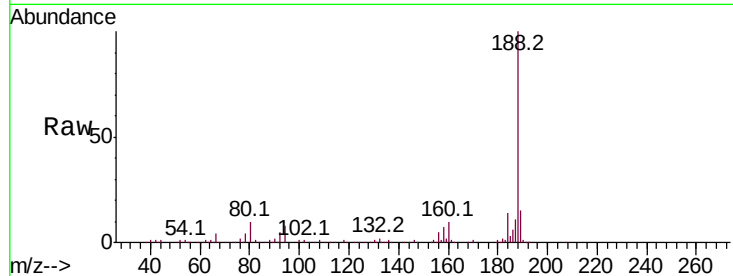




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037173.D
Acq: 5 Oct 2018 2:37

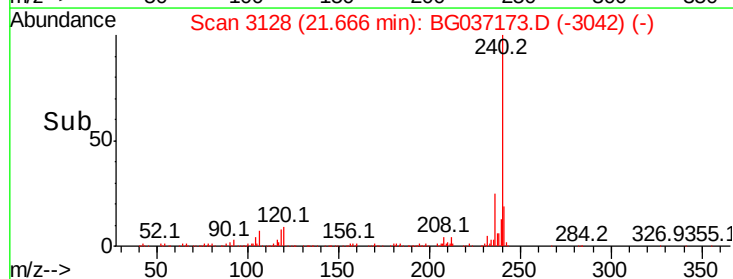
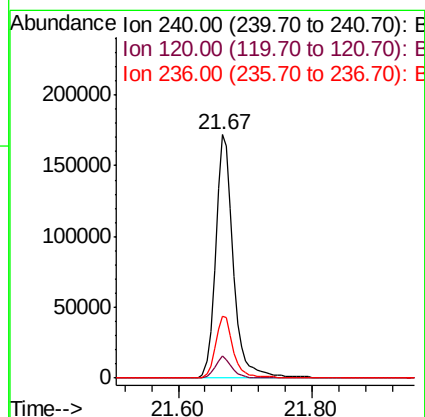
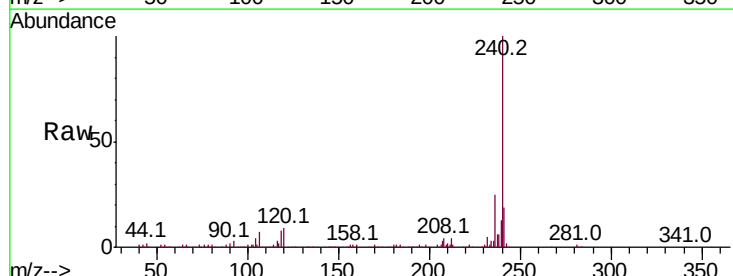
Instrument :
BNA_G
ClientSampleId :
PB113494BL

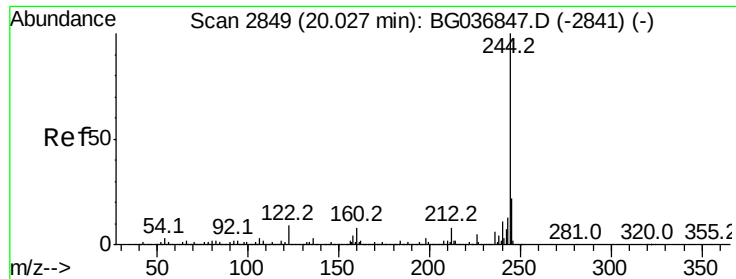
Tot Ion:188 Resp: 295052
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 10.3 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037173.D
Acq: 5 Oct 2018 2:37

Tgt Ion:240 Resp: 320995
Ion Ratio Lower Upper
240 100
120 9.3 6.9 10.3
236 25.3 21.2 31.8



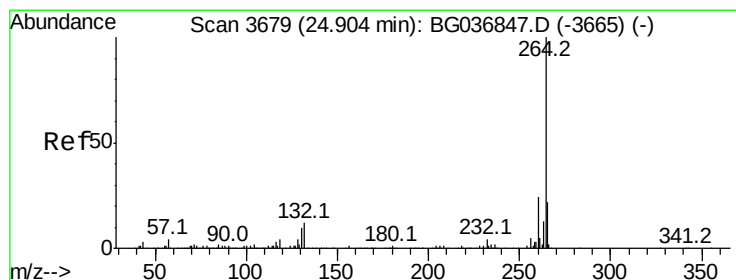
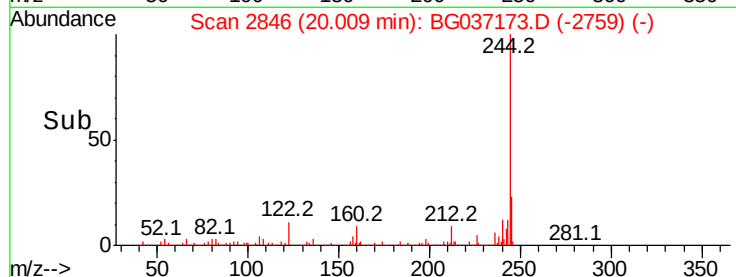
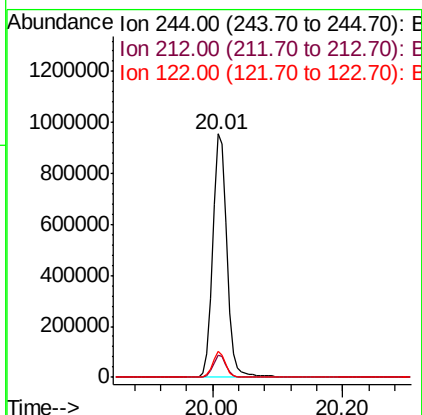
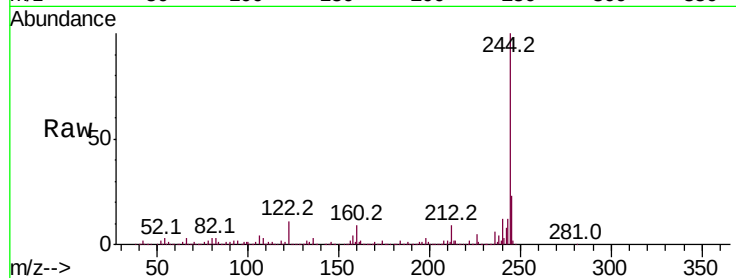


#78
 Terphenyl-d14
 Concen: 118.128 ng
 RT: 20.01 min Scan# 2846
 Delta R.T. -0.02 min
 Lab File: BG037173.D
 Acq: 5 Oct 2018 2:37

Instrument :
 BNA_G
 ClientSampleId :
 PB113494BL

Tot Ion:244 Resp: 1442045

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	10.5	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. -0.04 min
 Lab File: BG037173.D
 Acq: 5 Oct 2018 2:37

Tgt Ion:264 Resp: 312974

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	23.2	17.4	26.0

