

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037157.D
 Acq On : 4 Oct 2018 16:13
 Operator : JU/SJ
 Sample : J5218-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 229-211-RBR250129

Quant Time: Oct 04 17:43:50 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	48132	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	187667	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	115554	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	313150	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	341362	20.00	ng	-0.02
86) Perylene-d12	24.87	264	331646	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	291848	116.28	ng	-0.01
7) Phenol-d6	7.19	99	338965	87.29	ng	-0.02
23) Nitrobenzene-d5	9.19	82	317931	90.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	200003	144.66	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	632550	81.53	ng	-0.02
78) Terphenyl-d14	20.02	244	1242828	95.73	ng	-0.01

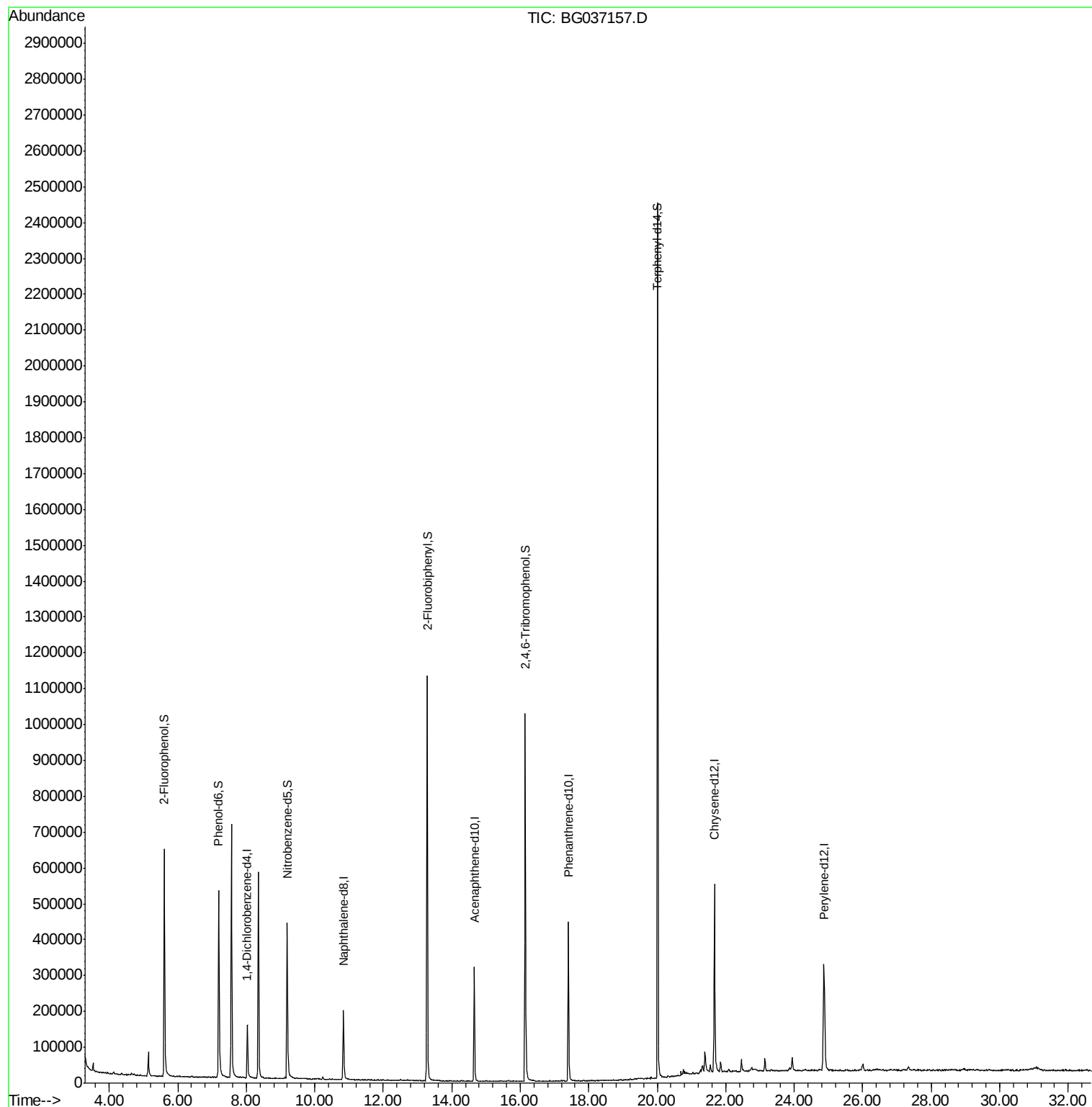
Target Compounds Qvalue

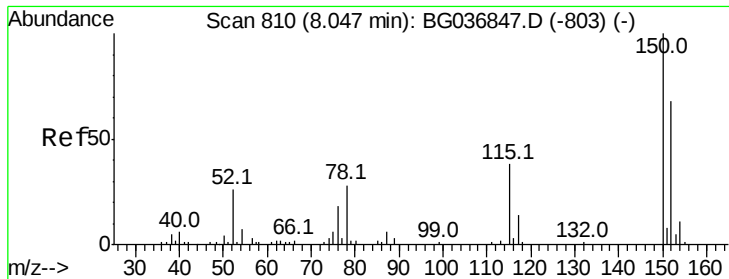
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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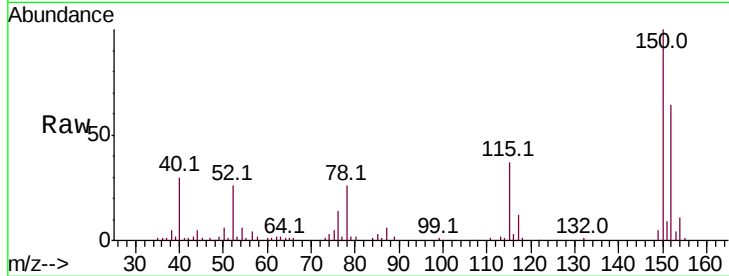


#1

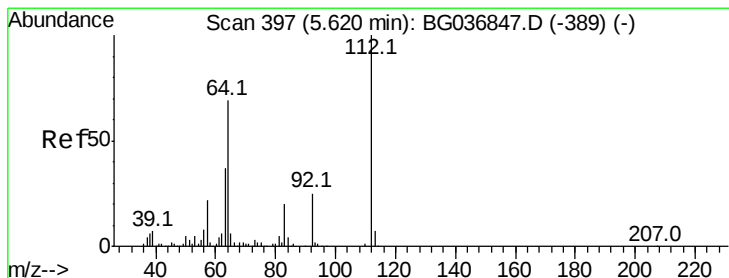
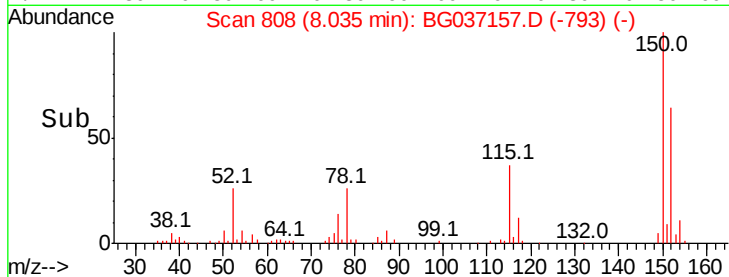
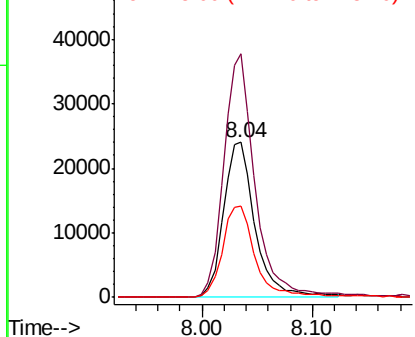
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037157.D
Acq: 4 Oct 2018 16:13

Instrument :
BNA_G
ClientSampleId :
229-211-RBR250129

Tot Ion:152 Resp: 48132
Ion Ratio Lower Upper
152 100
150 156.9 119.5 179.3
115 58.5 44.5 66.7



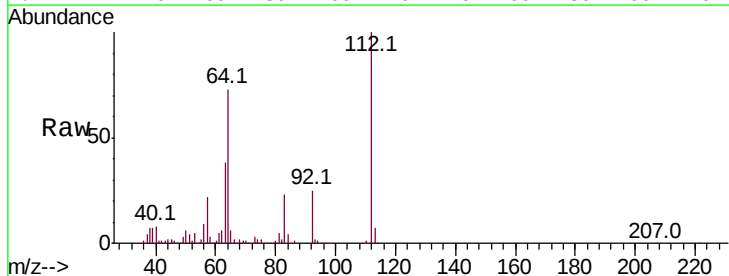
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



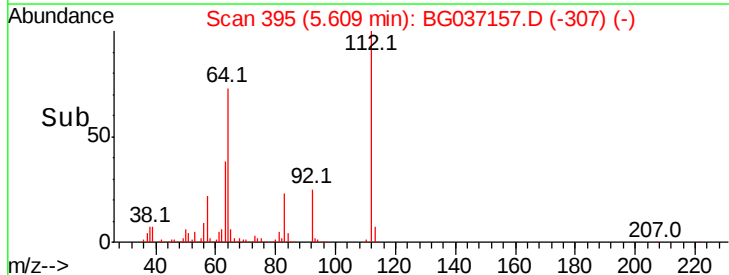
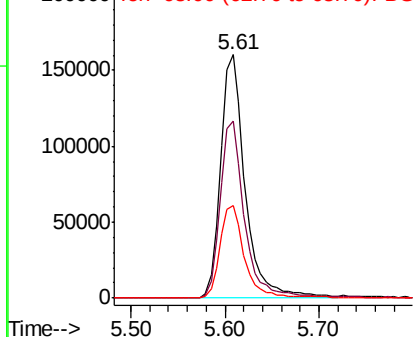
#5

2-Fluorophenol
Concen: 116.285 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037157.D
Acq: 4 Oct 2018 16:13

Tgt Ion:112 Resp: 291848
Ion Ratio Lower Upper
112 100
64 72.9 57.2 85.8
63 38.1 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: 87.294 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037157.D

Acq: 4 Oct 2018 16:13

Instrument :

BNA_G

ClientSampleId :

229-211-RBR250129

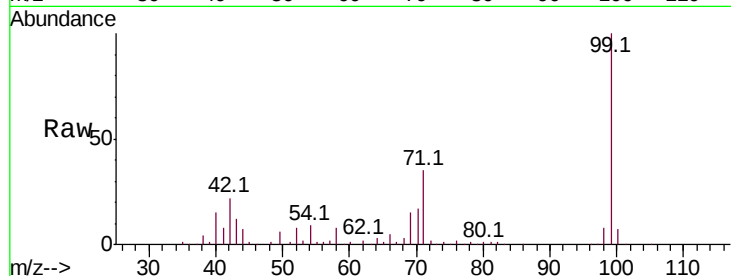
Tot Ion: 99 Resp: 338965

Ion Ratio Lower Upper

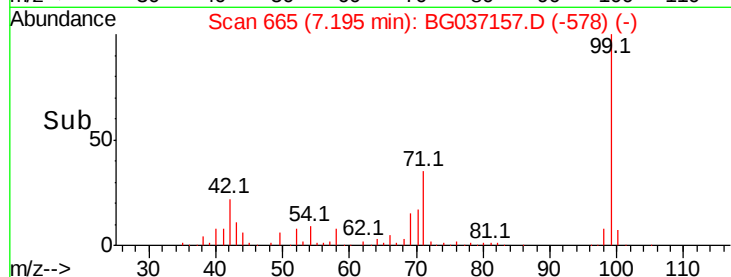
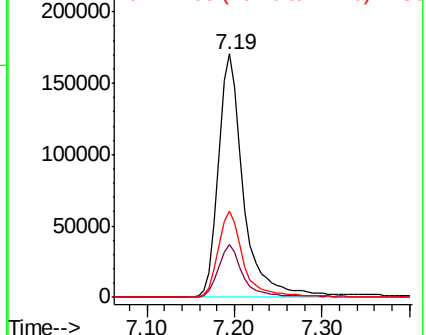
99 100

42 21.5 16.5 24.7

71 35.3 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: 10.84 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG037157.D

Acq: 4 Oct 2018 16:13

Tgt Ion:136 Resp: 187667

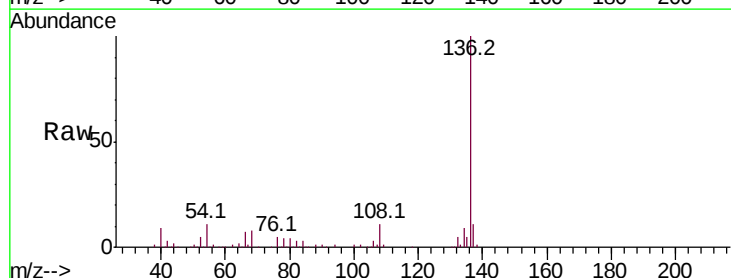
Ion Ratio Lower Upper

136 100

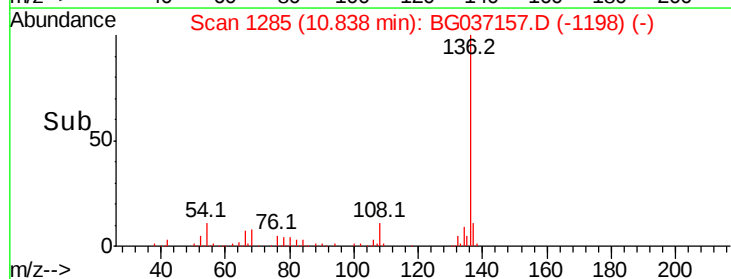
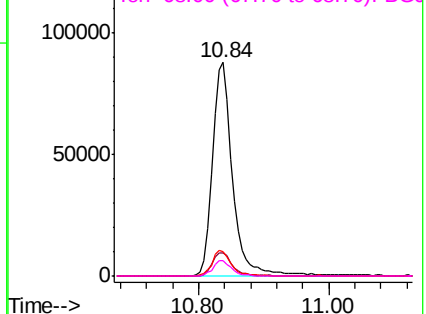
137 10.9 8.8 13.2

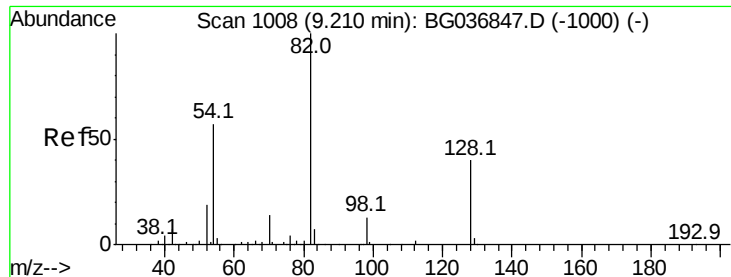
54 11.3 9.2 13.8

68 7.5 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

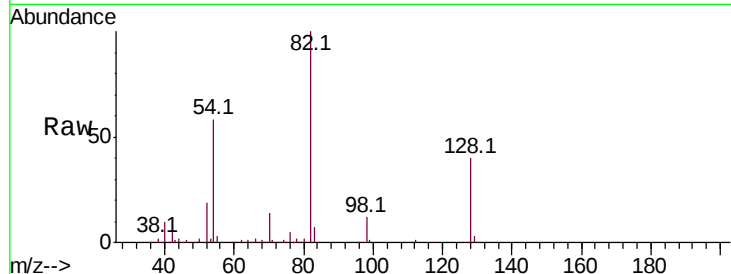




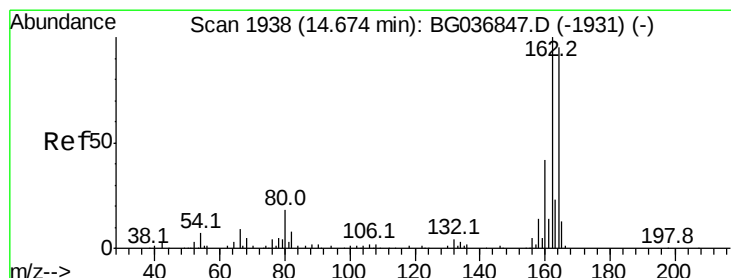
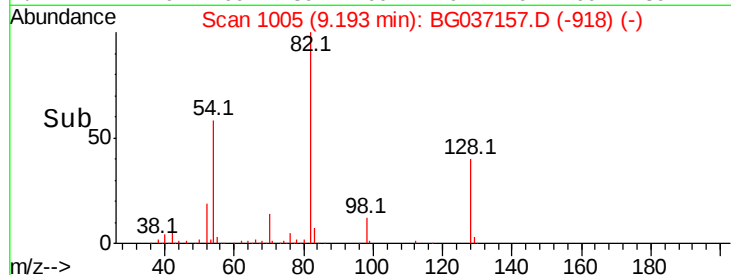
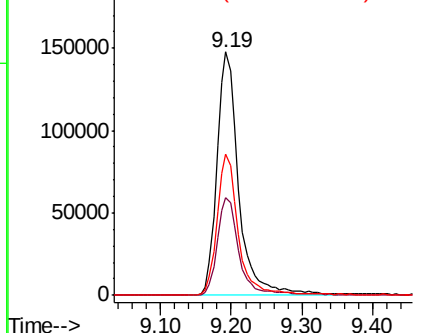
#23
 Nitrobenzene-d5
 Concen: 90.722 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BG037157.D
 Acq: 4 Oct 2018 16:13

Instrument :
 BNA_G
 ClientSampleId :
 229-211-RBR250129

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.3	49.9
54	57.8	45.1	67.7

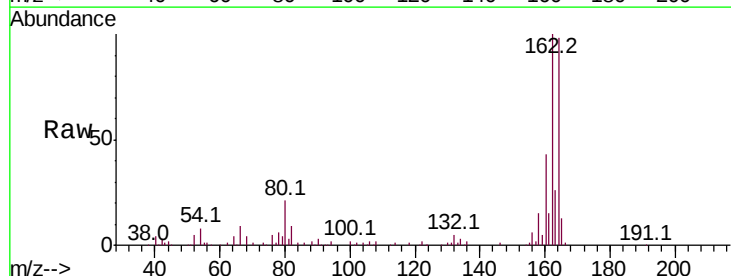


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

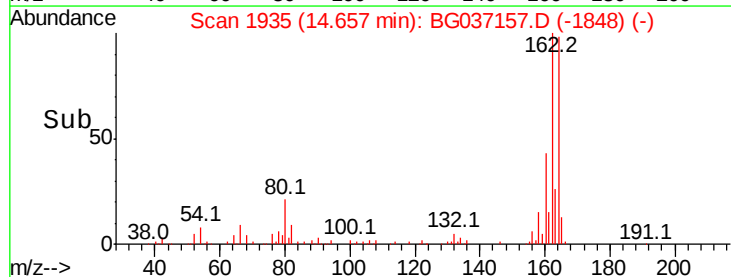
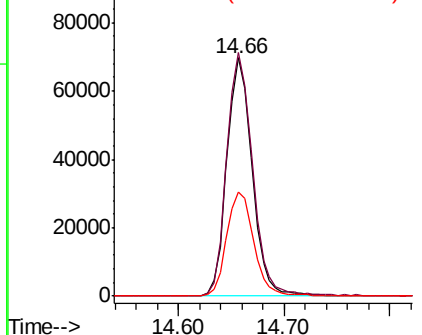


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BG037157.D
 Acq: 4 Oct 2018 16:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.7	121.1
160	43.6	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

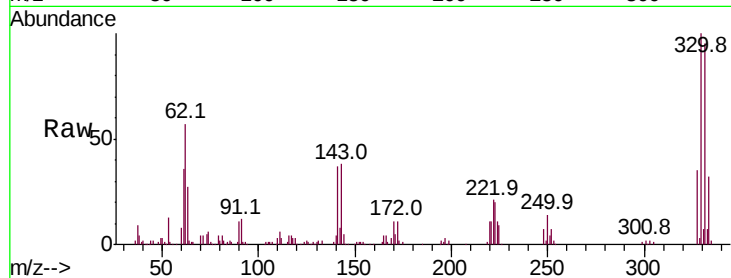




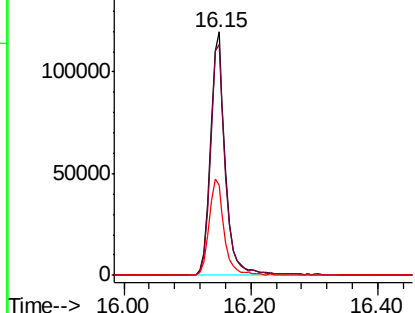
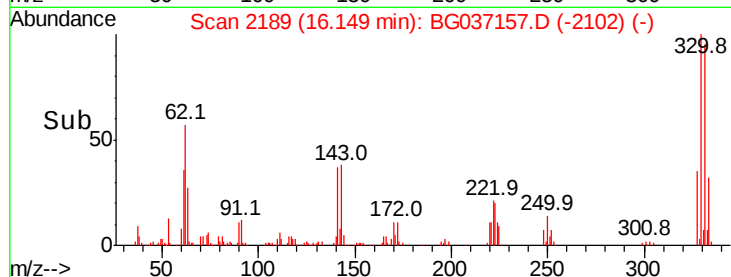
#41
 2,4,6-Tribromophenol
 Concen: 144.664 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037157.D
 Acq: 4 Oct 2018 16:13

Instrument :
 BNA_G
 ClientSampleId :
 229-211-RBR250129

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	40.0	30.7	46.1

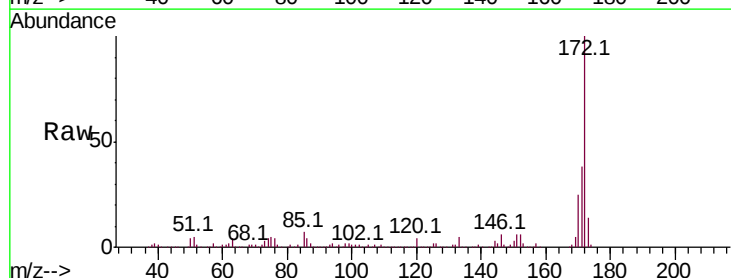


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

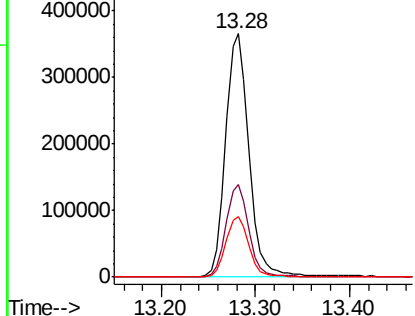
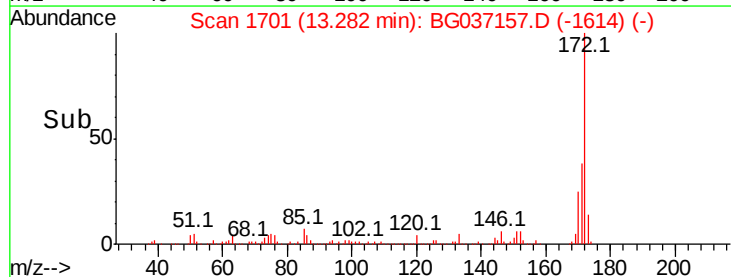


#44
 2-Fluorobiphenyl
 Concen: 81.530 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037157.D
 Acq: 4 Oct 2018 16:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	24.9	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

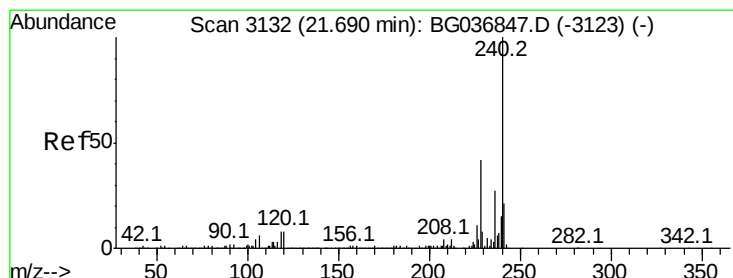
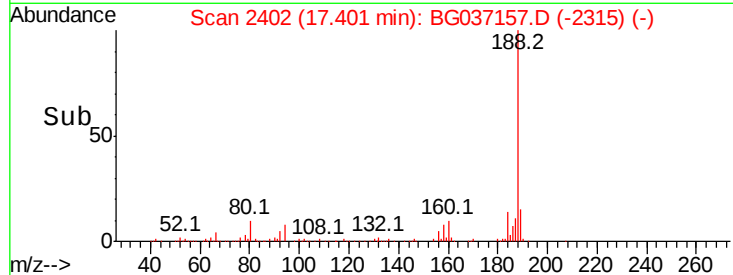
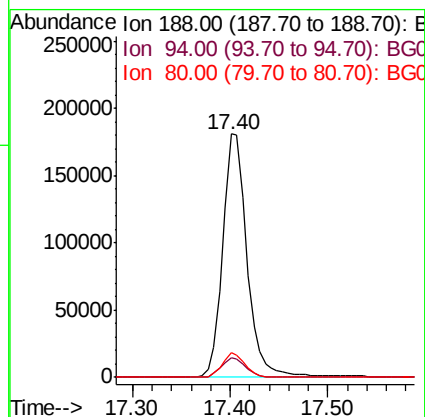
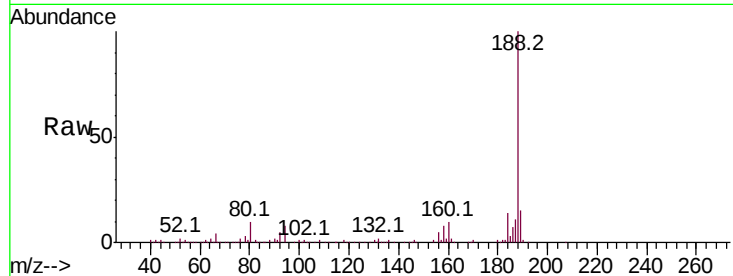




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037157.D
Acq: 4 Oct 2018 16:13

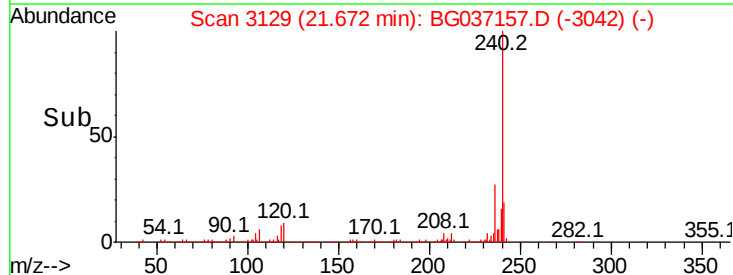
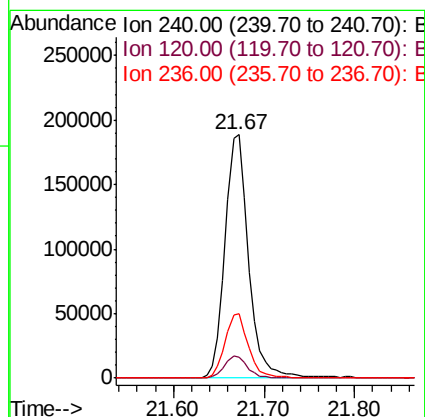
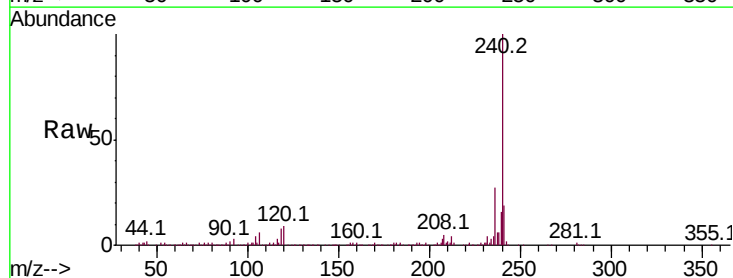
Instrument :
BNA_G
ClientSampleId :
229-211-RBR250129

Tot Ion:188 Resp: 313150
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 10.4 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: BG037157.D
Acq: 4 Oct 2018 16:13

Tgt Ion:240 Resp: 341362
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 26.7 21.2 31.8





#78

Terphenyl-d14

Concen: 95.734 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037157.D

Acq: 4 Oct 2018 16:13

Instrument :

BNA_G

ClientSampleId :

229-211-RBR250129

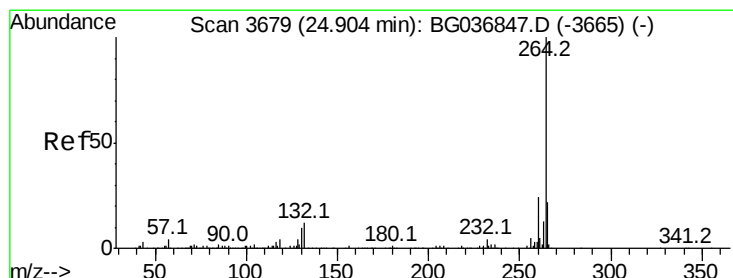
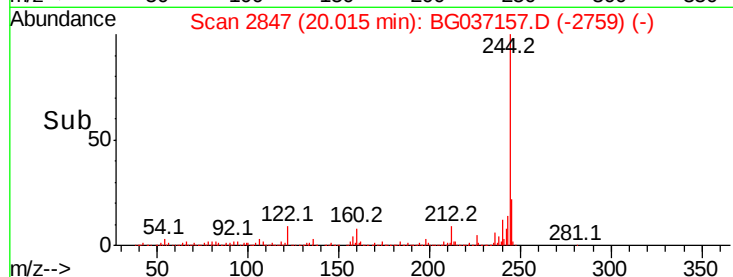
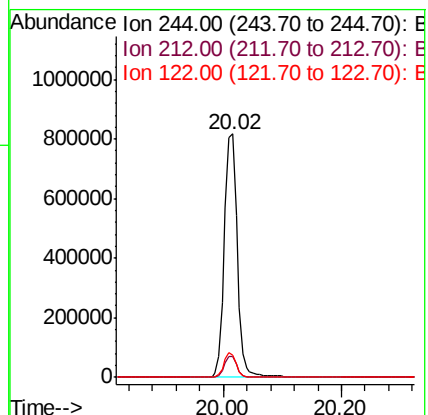
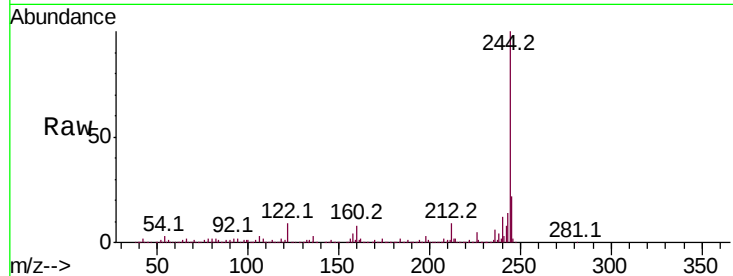
Tot Ion:244 Resp: 1242828

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	8.9	7.1	10.7

244 100

212 8.6 7.0 10.6

122 8.9 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3673

Delta R.T. -0.04 min

Lab File: BG037157.D

Acq: 4 Oct 2018 16:13

Tgt Ion:264 Resp: 331646

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.0	17.4	26.0

264 100

260 24.4 19.6 29.4

265 22.0 17.4 26.0

