

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037158.D
 Acq On : 4 Oct 2018 16:52
 Operator : JU/SJ
 Sample : J5218-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 293-230

Quant Time: Oct 04 17:49:25 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	44519	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	181530	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	118919	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	317968	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	331344	20.00	ng	-0.02
86) Perylene-d12	24.86	264	325774	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	290713	125.23	ng	-0.02
7) Phenol-d6	7.20	99	361568	100.67	ng	-0.02
23) Nitrobenzene-d5	9.19	82	294503	86.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	190291	133.74	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	633463	79.34	ng	-0.02
78) Terphenyl-d14	20.01	244	1172508	93.05	ng	-0.02

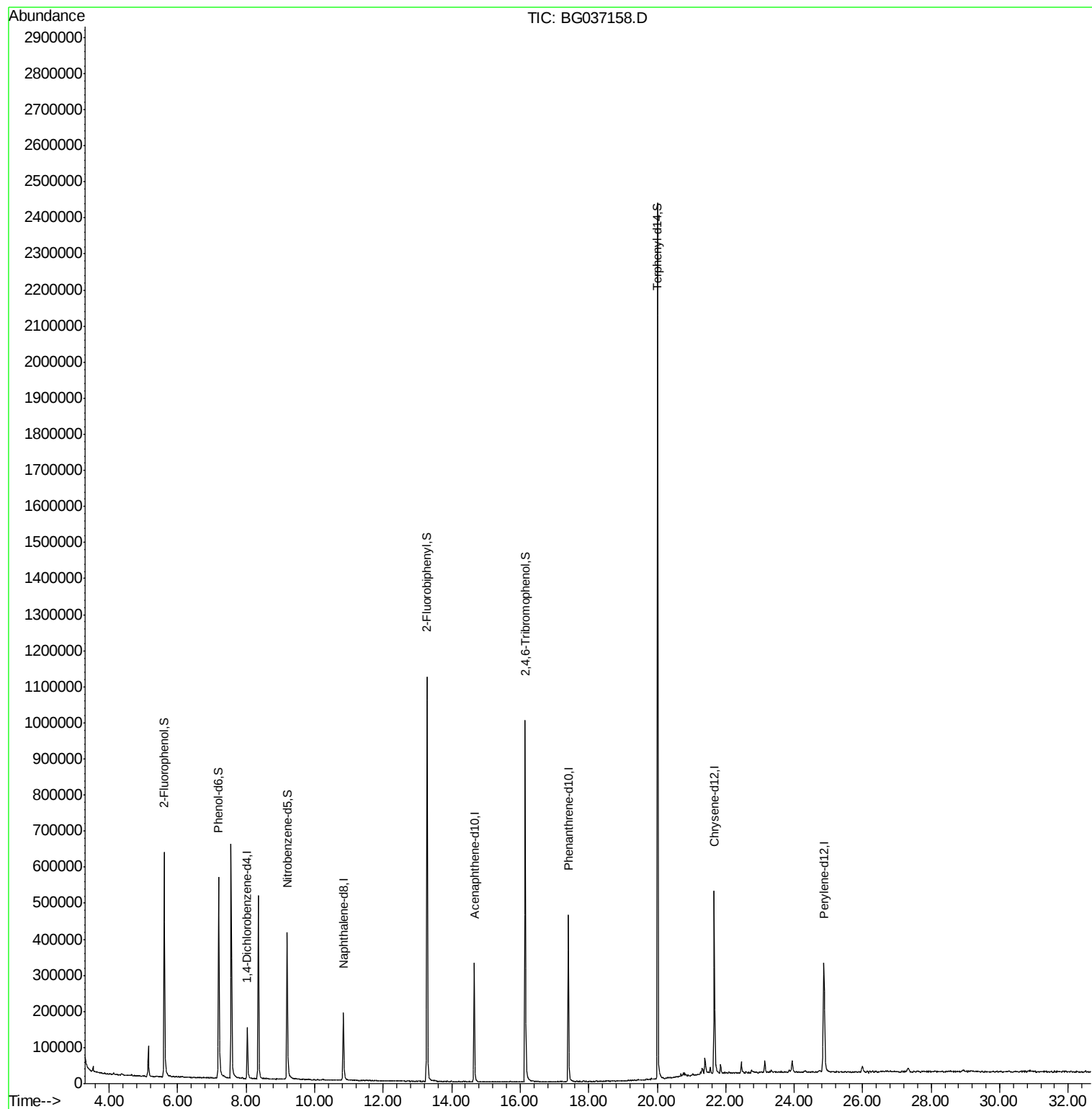
Target Compounds Qvalue

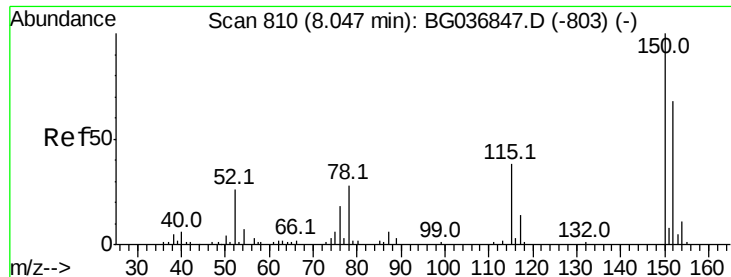
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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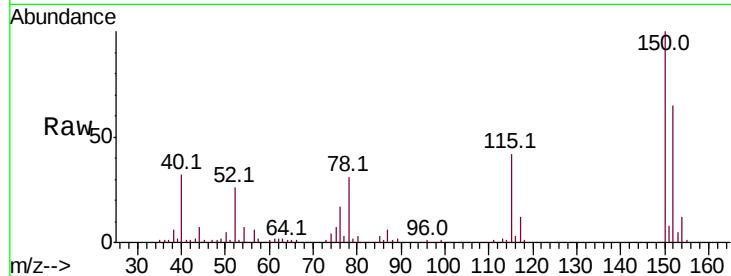


#1

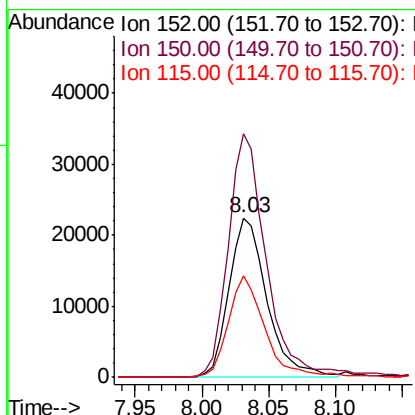
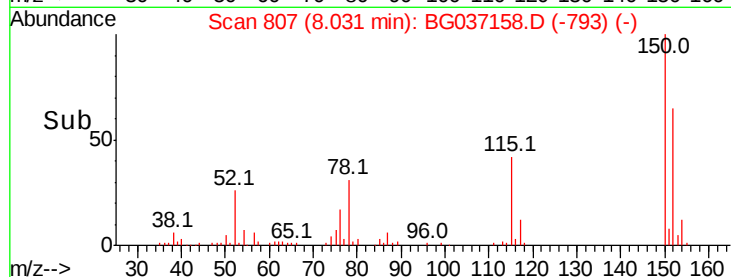
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BG037158.D
 Acq: 4 Oct 2018 16:52

Instrument :
 BNA_G
 ClientSampleId :
 293-230

Tot Ion:152 Resp: 44519
 Ion Ratio Lower Upper
 152 100
 150 153.0 119.5 179.3
 115 64.1 44.5 66.7



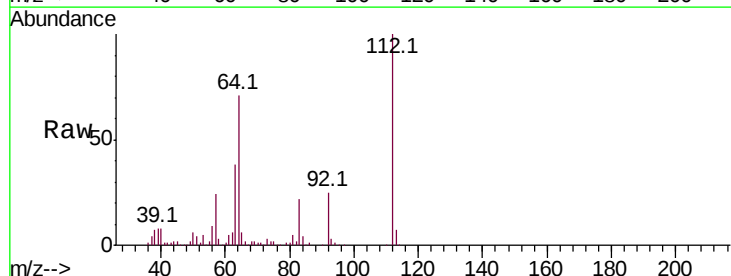
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



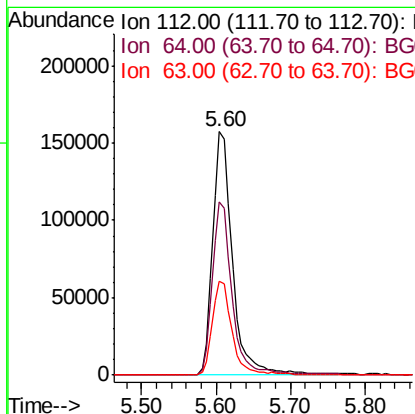
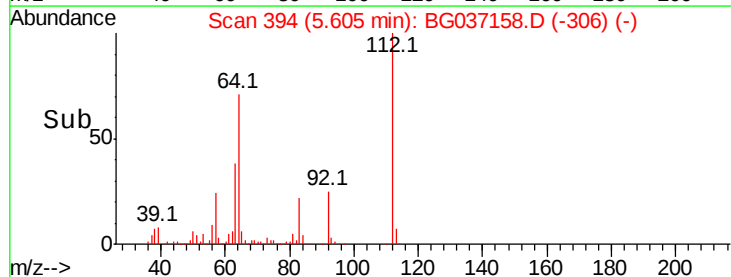
#5

2-Fluorophenol
 Concen: 125.233 ng
 RT: 5.60 min Scan# 394
 Delta R.T. -0.02 min
 Lab File: BG037158.D
 Acq: 4 Oct 2018 16:52

Tgt Ion:112 Resp: 290713
 Ion Ratio Lower Upper
 112 100
 64 71.2 57.2 85.8
 63 38.3 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: 100.671 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037158.D

Acq: 4 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

293-230

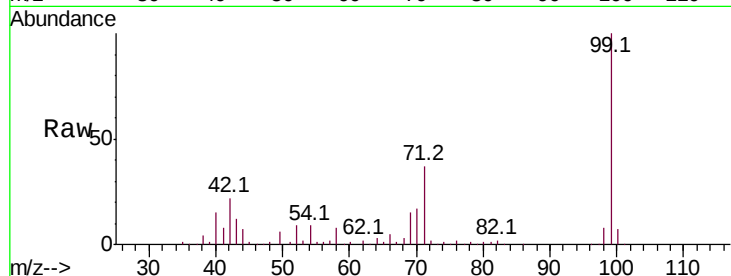
Tot Ion: 99 Resp: 361568

Ion Ratio Lower Upper

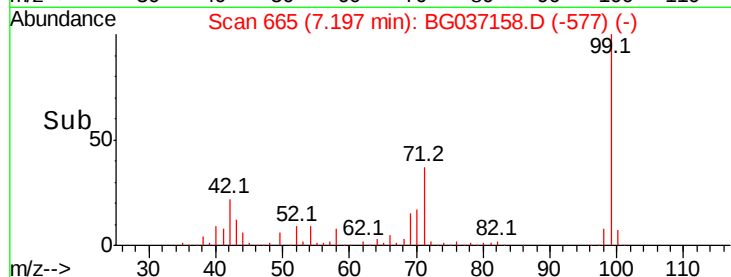
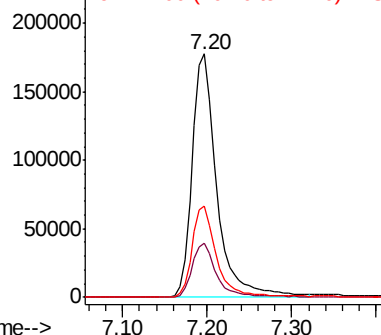
99 100

42 22.0 16.5 24.7

71 37.3 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: 10.83 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BG037158.D

Acq: 4 Oct 2018 16:52

Tgt Ion:136 Resp: 181530

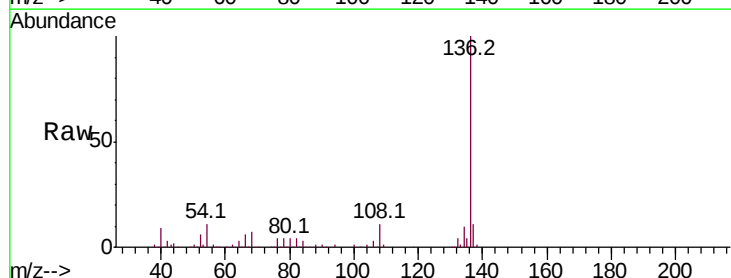
Ion Ratio Lower Upper

136 100

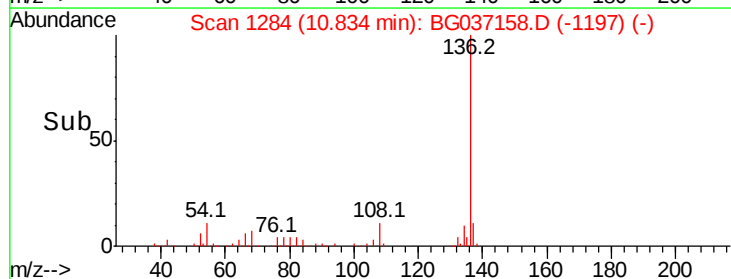
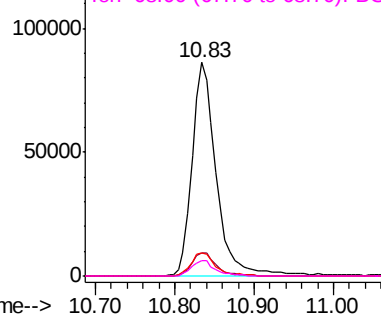
137 10.8 8.8 13.2

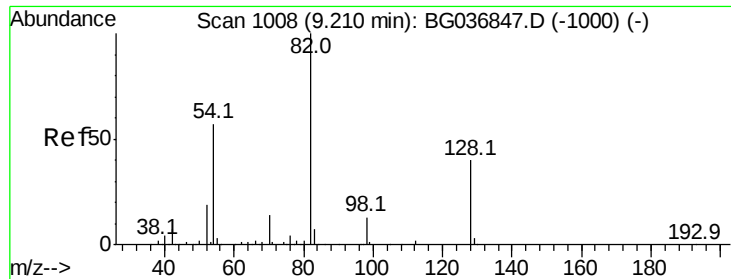
54 10.7 9.2 13.8

68 7.0 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

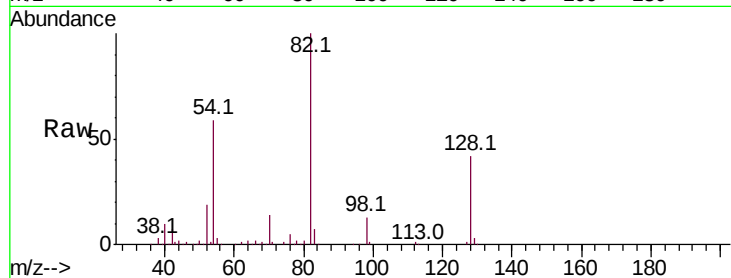




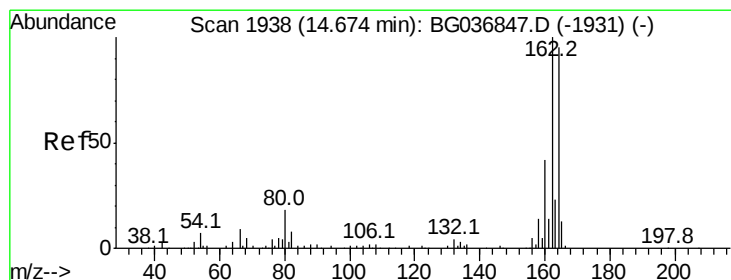
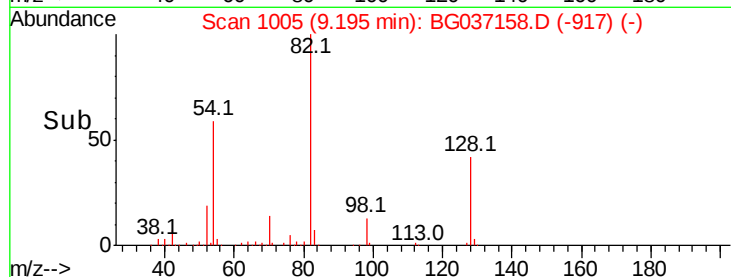
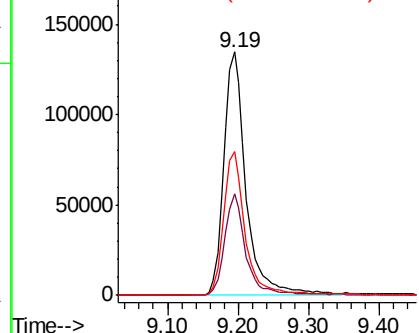
#23
Nitrobenzene-d5
Concen: 86.878 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037158.D
Acq: 4 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
293-230

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.3	49.9
54	59.3	45.1	67.7

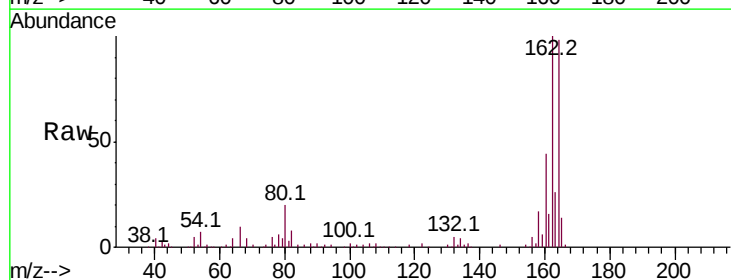


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

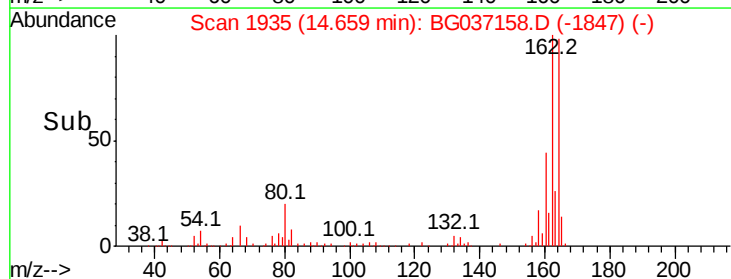
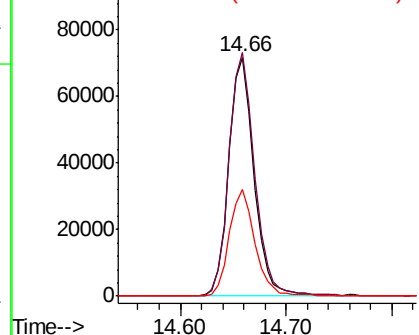


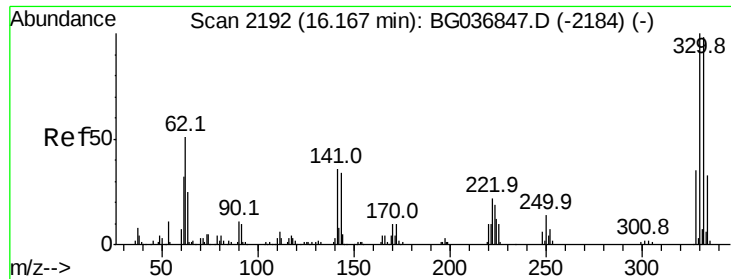
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037158.D
Acq: 4 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.7	121.1
160	44.6	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

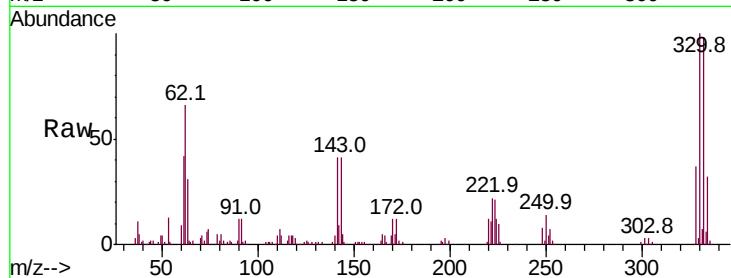




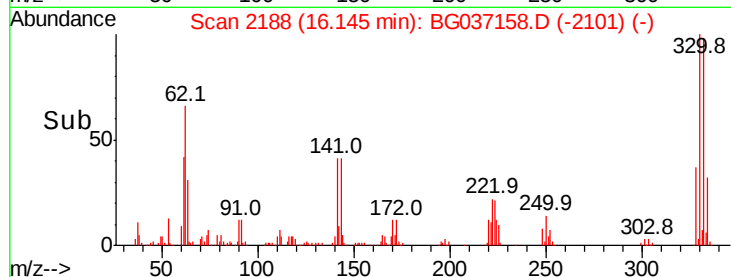
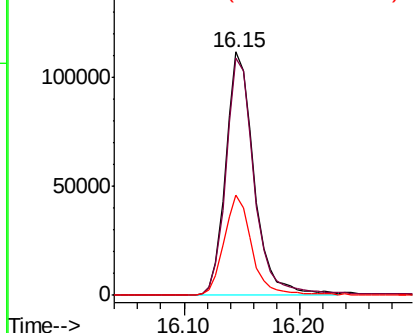
#41
 2,4,6-Tribromophenol
 Concen: 133.745 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037158.D
 Acq: 4 Oct 2018 16:52

Instrument :
 BNA_G
 ClientSampleID :
 293-230

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	75.4	113.2
141	41.0	30.7	46.1

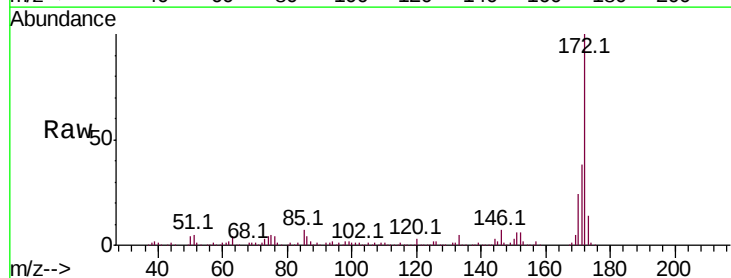


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

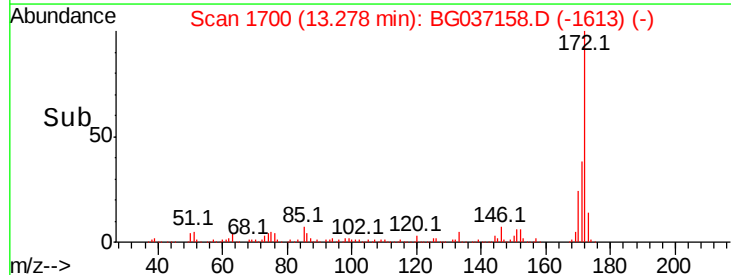
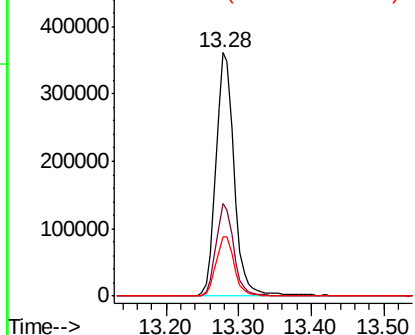


#44
 2-Fluorobiphenyl
 Concen: 79.337 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037158.D
 Acq: 4 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	24.4	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

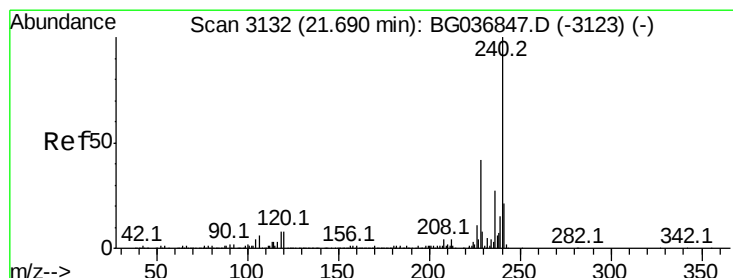
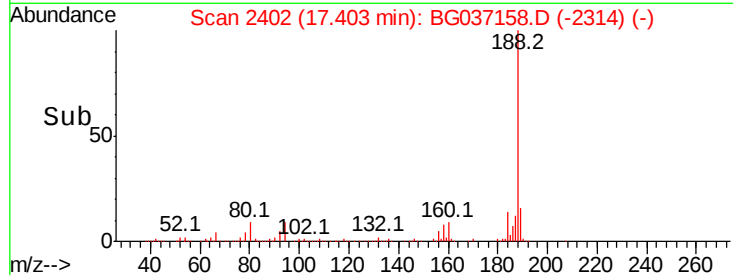
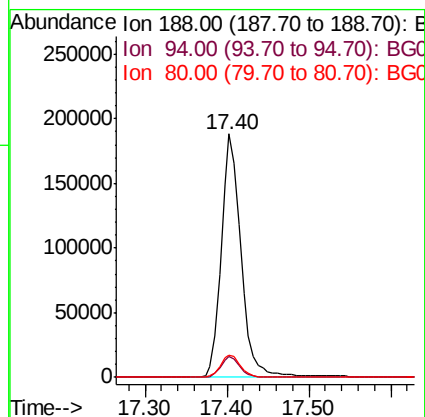
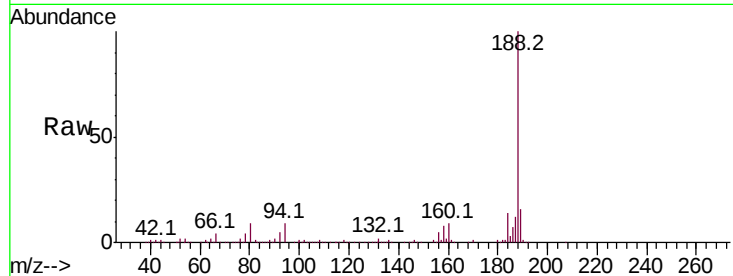




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037158.D
Acq: 4 Oct 2018 16:52

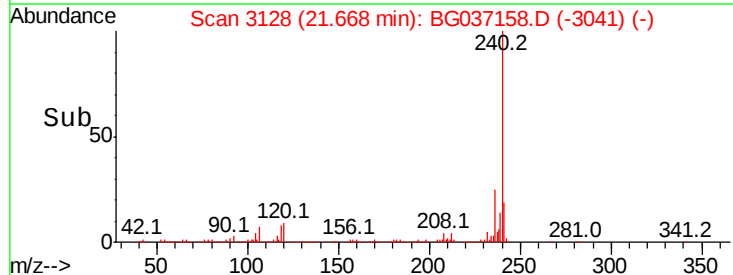
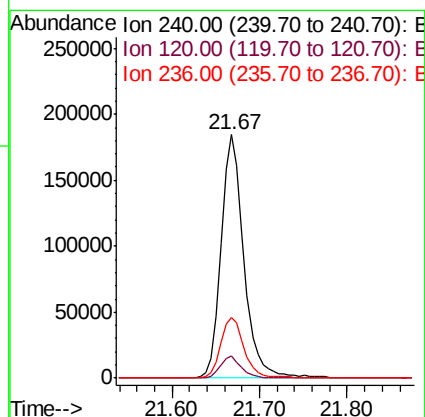
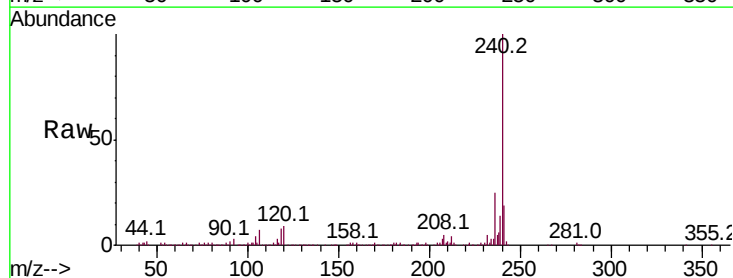
Instrument :
BNA_G
ClientSampleId :
293-230

Tot Ion:188 Resp: 317968
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.4 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: BG037158.D
Acq: 4 Oct 2018 16:52

Tgt Ion:240 Resp: 331344
Ion Ratio Lower Upper
240 100
120 8.9 6.9 10.3
236 24.9 21.2 31.8





#78

Terphenyl-d14

Concen: 93.048 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037158.D

Acq: 4 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

293-230

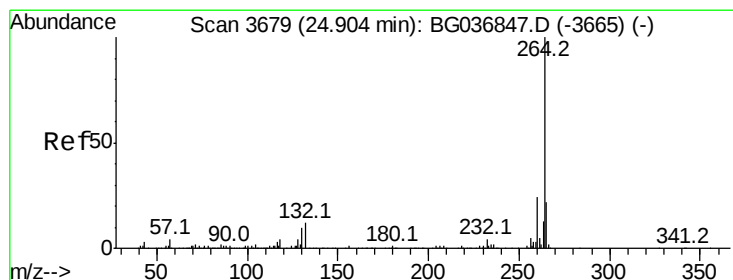
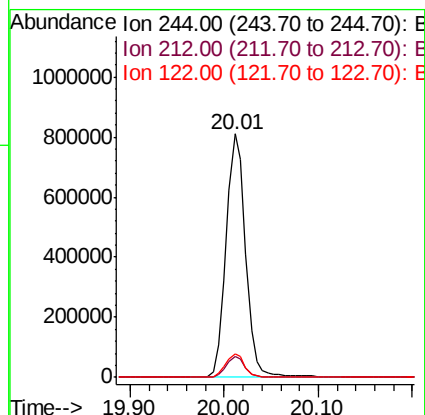
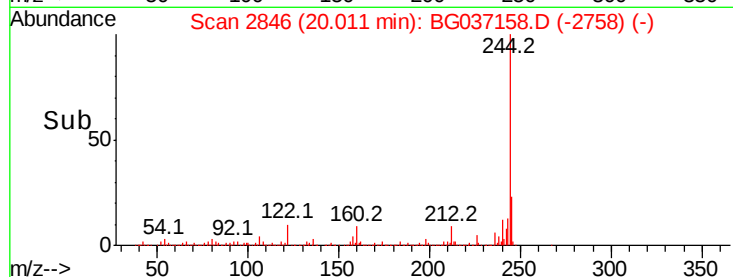
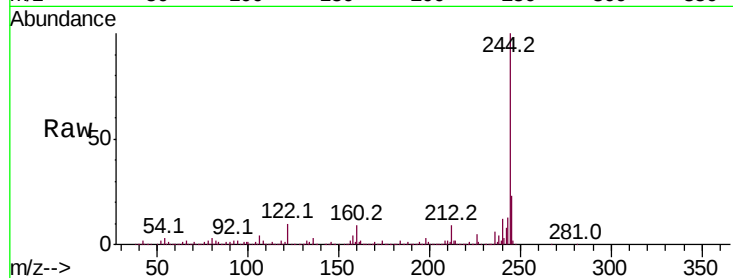
Tot Ion:244 Resp: 1172508

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

122 9.6 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: BG037158.D

Acq: 4 Oct 2018 16:52

Tgt Ion:264 Resp: 325774

Ion Ratio Lower Upper

264 100

260 21.4 19.6 29.4

265 21.0 17.4 26.0

