

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037198.D
 Acq On : 5 Oct 2018 21:00
 Operator : JU/SJ
 Sample : J5179-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T1-GRAVEL

Quant Time: Oct 06 05:01:43 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	43508	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	172814	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	115779	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	298819	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	303155	20.00	ng	-0.02
86) Perylene-d12	24.85	264	308383	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	286377	126.23	ng	-0.02
7) Phenol-d6	7.20	99	360381	102.67	ng	-0.02
23) Nitrobenzene-d5	9.19	82	295531	91.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	185994	134.27	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	621740	79.98	ng	-0.02
78) Terphenyl-d14	20.01	244	1078857	93.58	ng	-0.02

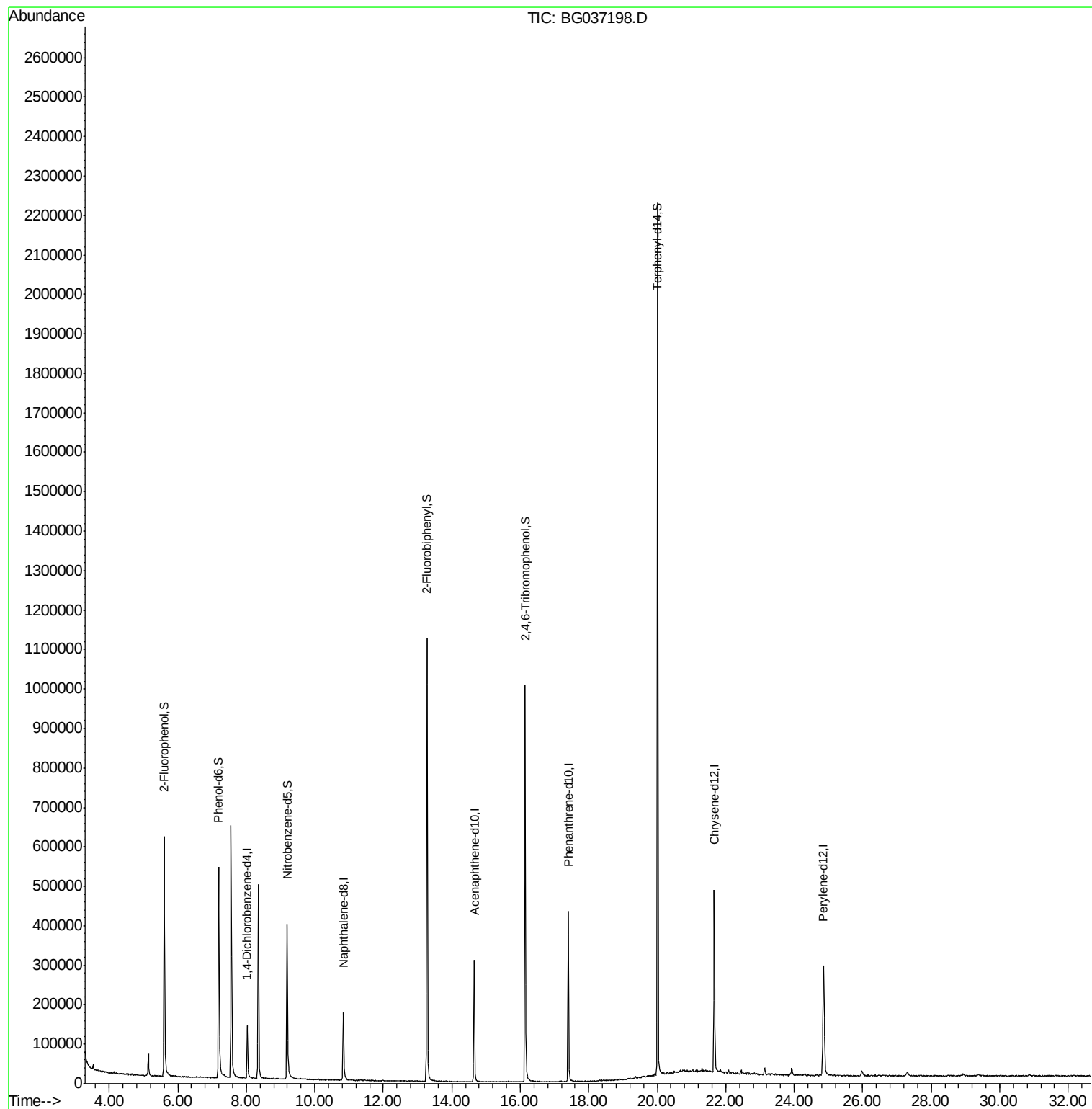
Target Compounds Qvalue

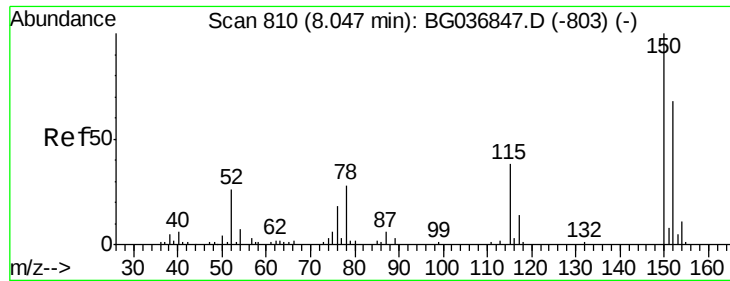
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
Data File : BG037198.D
Acq On : 5 Oct 2018 21:00
Operator : JU/SJ
Sample : J5179-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T1-GRAVEL

Quant Time: Oct 06 05:01:43 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



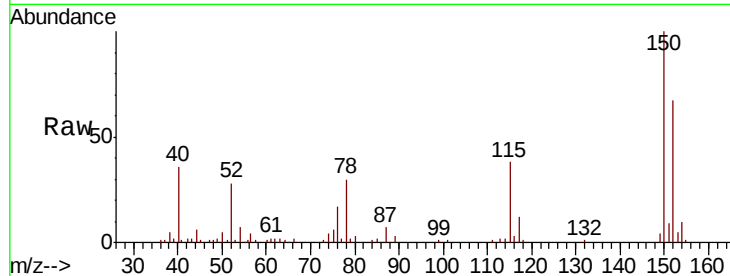


#1

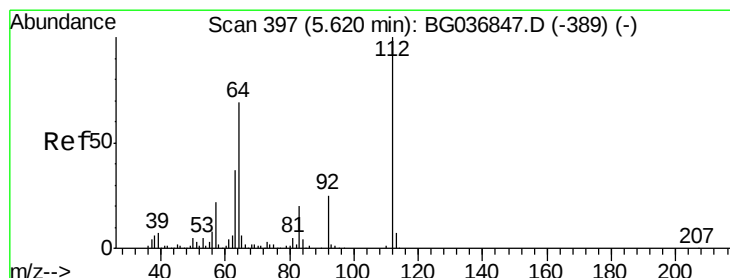
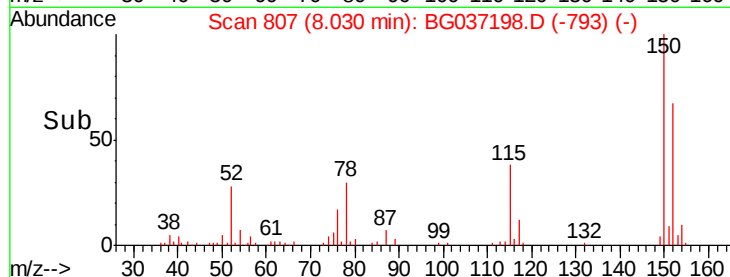
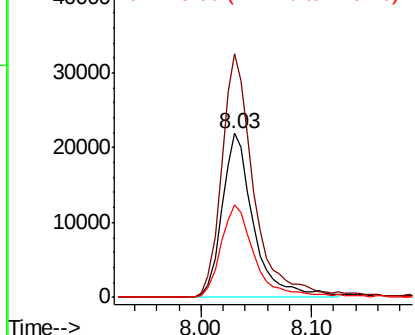
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037198.D
Acq: 5 Oct 2018 21:00

Instrument :
BNA_G
ClientSampleId :
T1-GRAVEL

Tot Ion:152 Resp: 43508
Ion Ratio Lower Upper
152 100
150 148.4 119.5 179.3
115 56.6 44.5 66.7



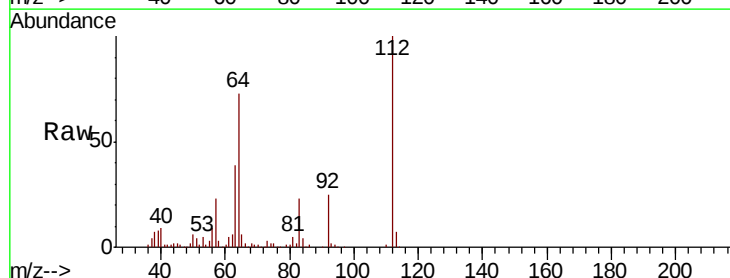
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



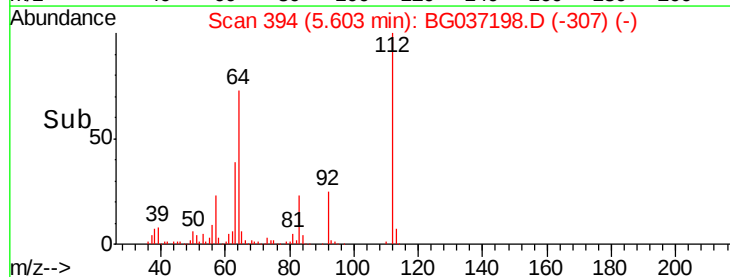
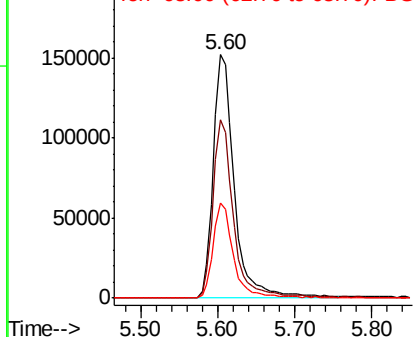
#5

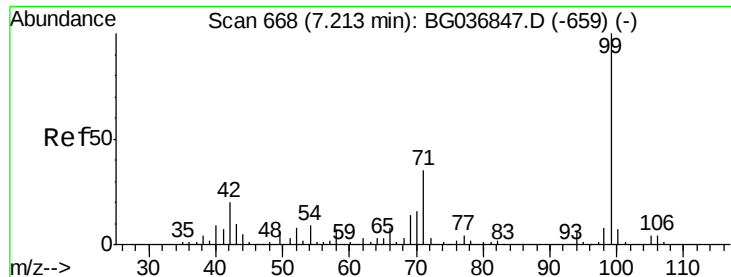
2-Fluorophenol
Concen: 126.232 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037198.D
Acq: 5 Oct 2018 21:00

Tgt Ion:112 Resp: 286377
Ion Ratio Lower Upper
112 100
64 73.3 57.2 85.8
63 39.1 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: 102.672 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037198.D

Acq: 5 Oct 2018 21:00

Instrument :

BNA_G

ClientSampleId :

T1-GRAVEL

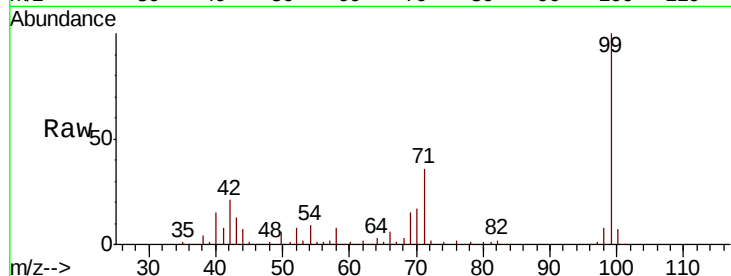
Tot Ion: 99 Resp: 360381

Ion Ratio Lower Upper

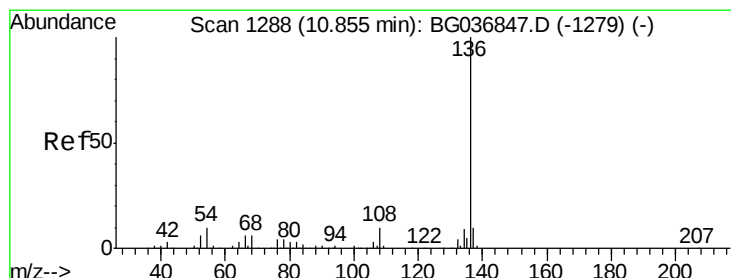
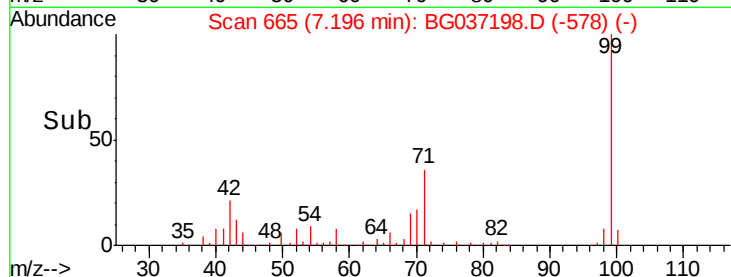
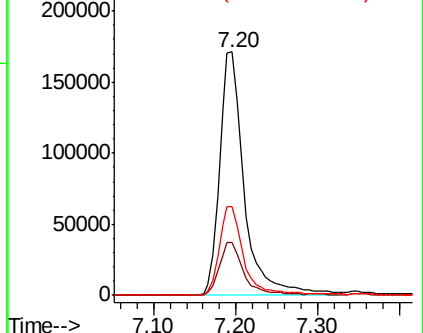
99 100

42 21.5 16.5 24.7

71 36.2 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: BG037198.D

Acq: 5 Oct 2018 21:00

Tgt Ion: 136 Resp: 172814

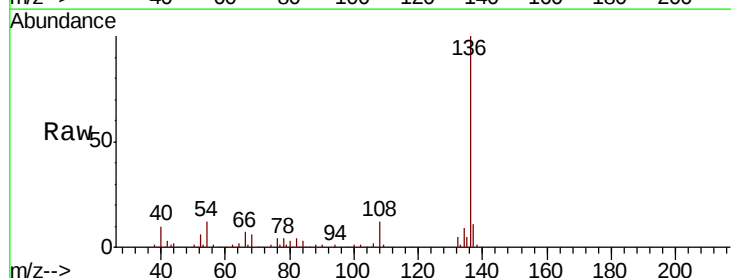
Ion Ratio Lower Upper

136 100

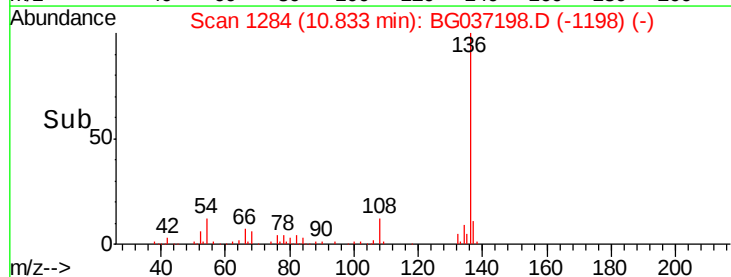
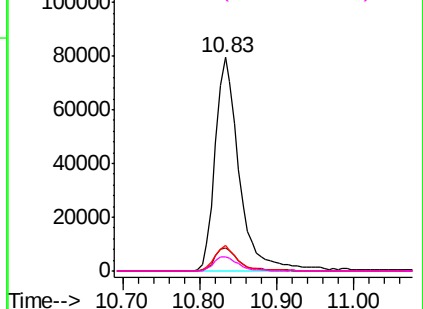
137 10.7 8.8 13.2

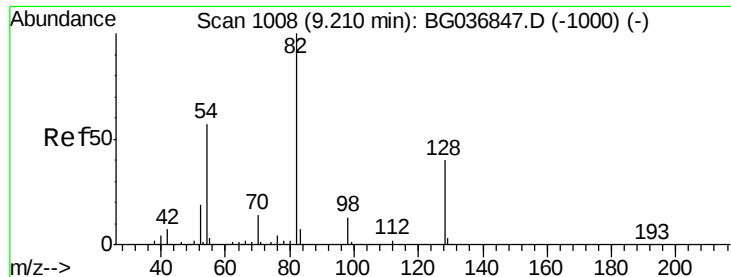
54 11.7 9.2 13.8

68 6.4 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

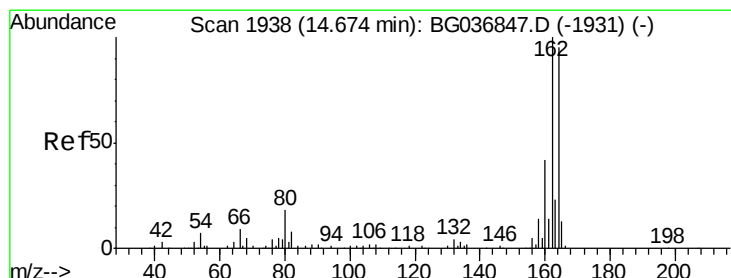
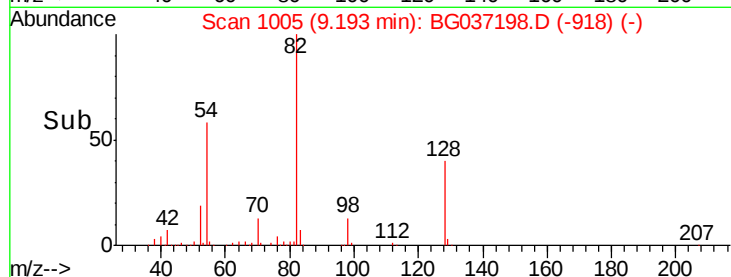
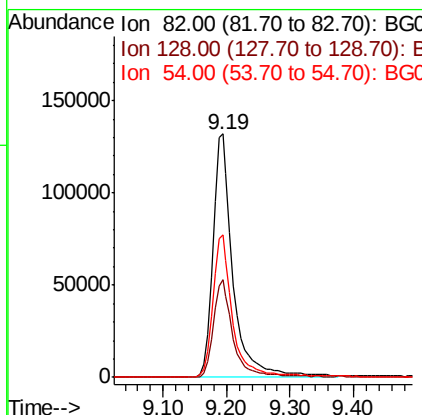
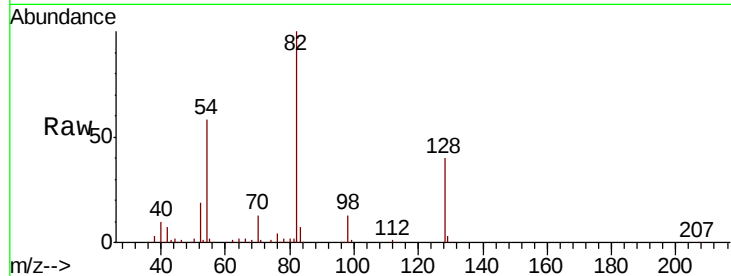




#23
 Nitrobenzene-d5
 Concen: 91.578 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BG037198.D
 Acq: 5 Oct 2018 21:00

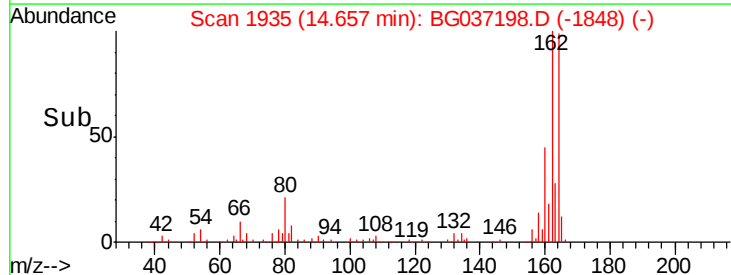
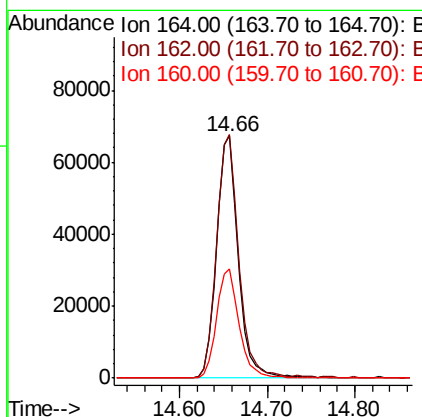
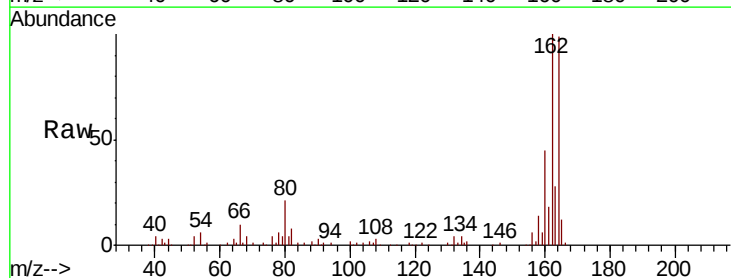
Instrument :
 BNA_G
 ClientSampleId :
 T1-GRAVEL

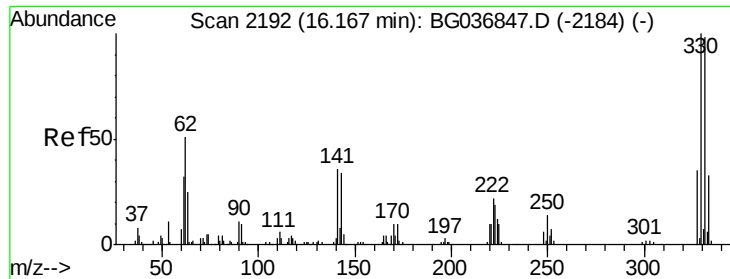
Tot Ion	82	Resp	295531
Ion Ratio	Lower	Upper	
82	100		
128	40.2	33.3	49.9
54	58.4	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BG037198.D
 Acq: 5 Oct 2018 21:00

Tgt Ion	164	Resp	115779
Ion Ratio	Lower	Upper	
164	100		
162	100.6	80.7	121.1
160	45.4	35.3	52.9

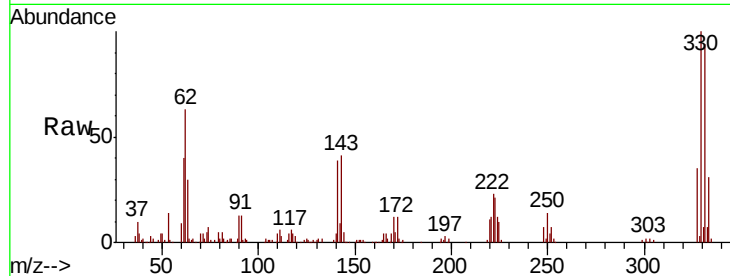




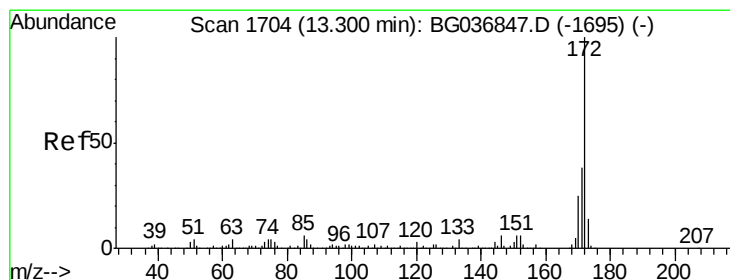
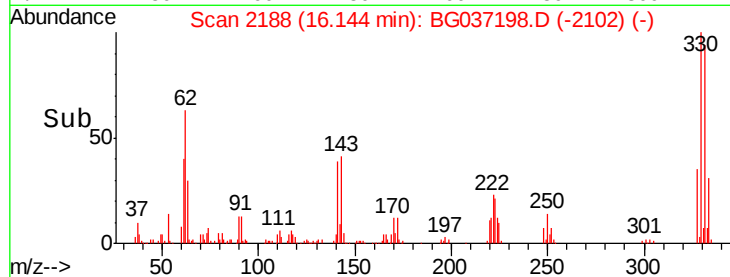
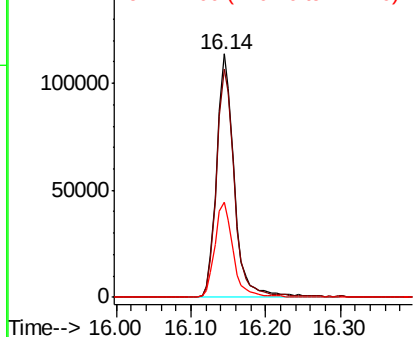
#41
 2,4,6-Tribromophenol
 Concen: 134.270 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037198.D
 Acq: 5 Oct 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 T1-GRAVEL

Tot Ion:330 Resp: 185994
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.2
 141 40.6 30.7 46.1

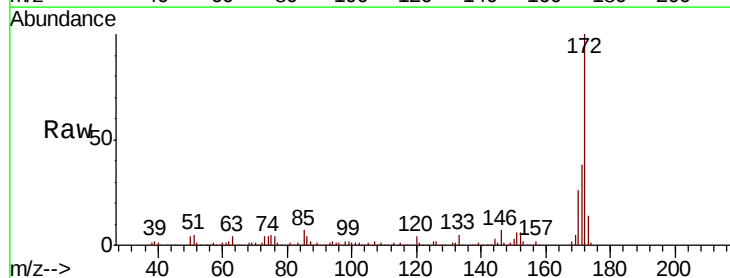


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

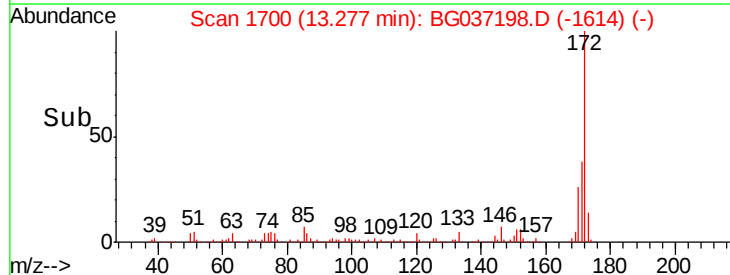
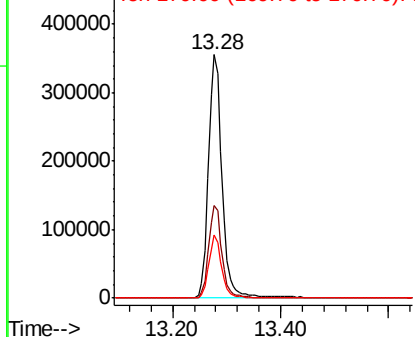


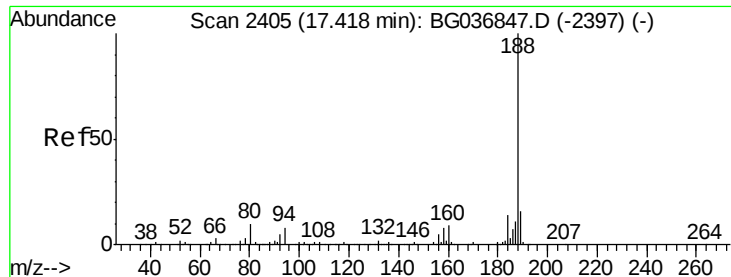
#44
 2-Fluorobiphenyl
 Concen: 79.981 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037198.D
 Acq: 5 Oct 2018 21:00

Tgt Ion:172 Resp: 621740
 Ion Ratio Lower Upper
 172 100
 171 37.8 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

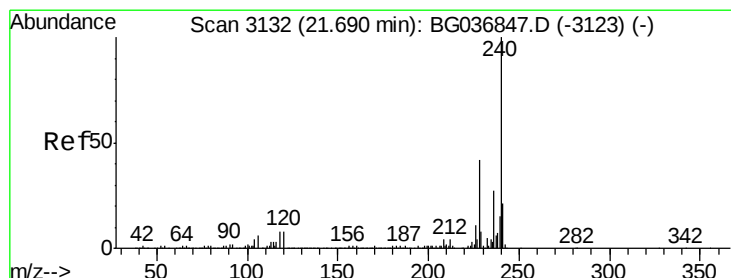
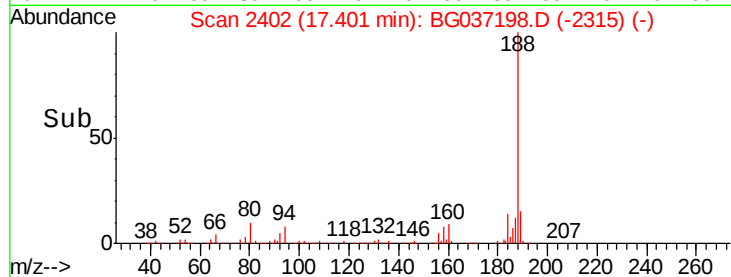
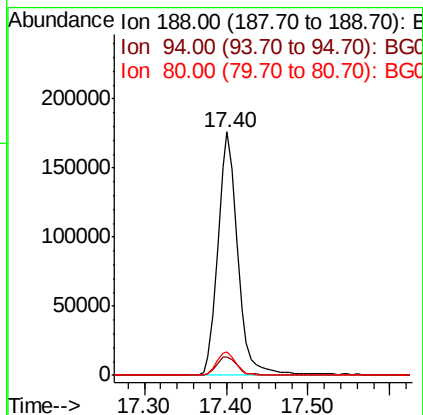
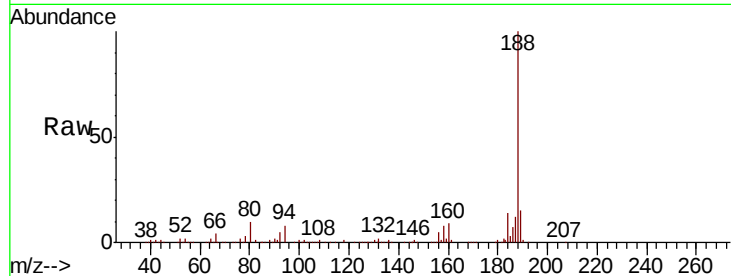




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037198.D
Acq: 5 Oct 2018 21:00

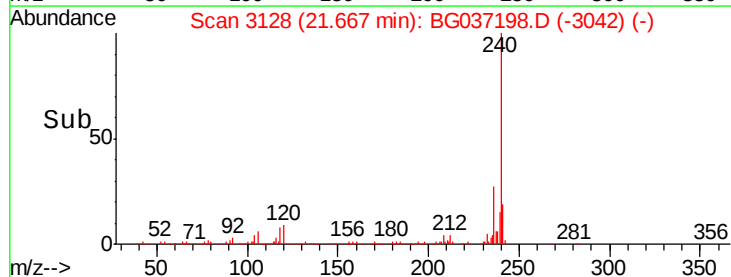
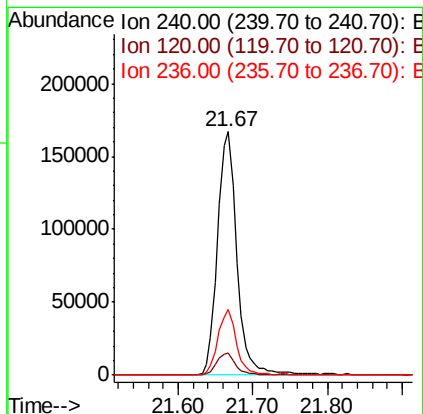
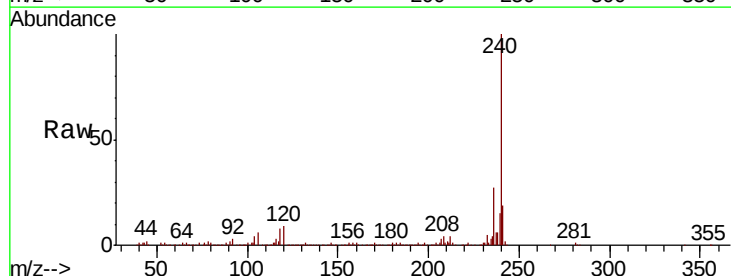
Instrument :
BNA_G
ClientSampleId :
T1-GRAVEL

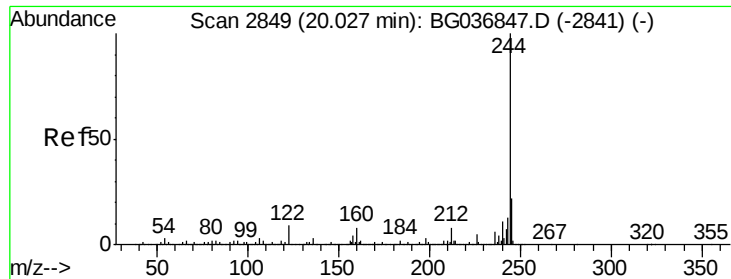
Tot Ion:188 Resp: 298819
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037198.D
Acq: 5 Oct 2018 21:00

Tgt Ion:240 Resp: 303155
Ion Ratio Lower Upper
240 100
120 9.1 6.9 10.3
236 26.8 21.2 31.8





#78

Terphenyl-d14

Concen: 93.577 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037198.D

Acq: 5 Oct 2018 21:00

Instrument :

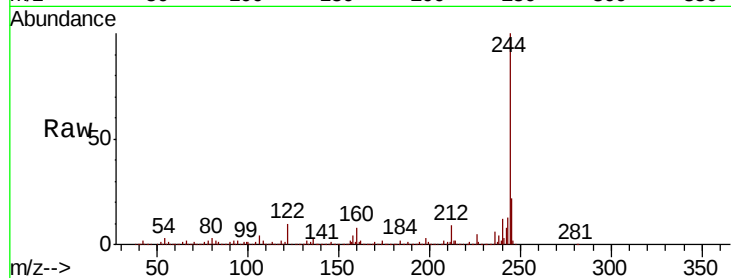
BNA_G

ClientSampleId :

T1-GRAVEL

Tot Ion:244 Resp: 1078857

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.5	7.1	10.7

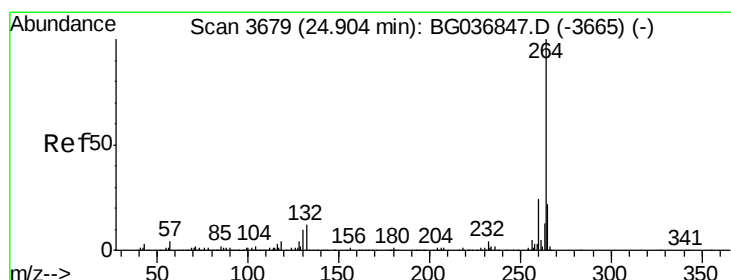
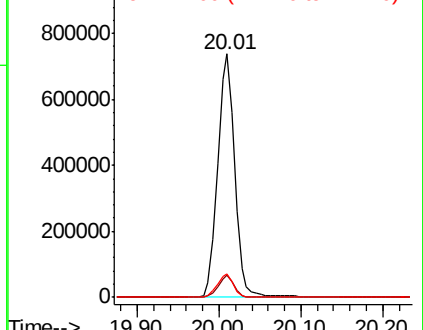
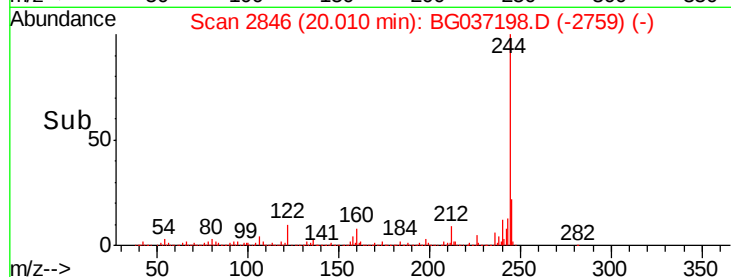


Abundance

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: 24.85 min Scan# 3670

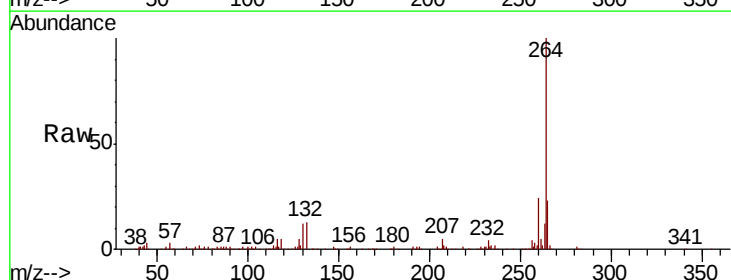
Delta R.T. -0.05 min

Lab File: BG037198.D

Acq: 5 Oct 2018 21:00

Tgt Ion:264 Resp: 308383

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.5	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

