

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037197.D
 Acq On : 5 Oct 2018 20:21
 Operator : JU/SJ
 Sample : J5179-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T2-GRAVEL

Quant Time: Oct 06 05:00:38 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	46811	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	184318	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	117297	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	297856	20.00	ng	-0.02
75) Chrysene-d12	21.66	240	310537	20.00	ng	-0.03
86) Perylene-d12	24.86	264	304689	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	285043	116.78	ng	-0.02
7) Phenol-d6	7.19	99	352078	93.23	ng	-0.02
23) Nitrobenzene-d5	9.19	82	300433	87.29	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	180137	128.36	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	620599	78.80	ng	-0.02
78) Terphenyl-d14	20.01	244	1103771	93.46	ng	-0.02

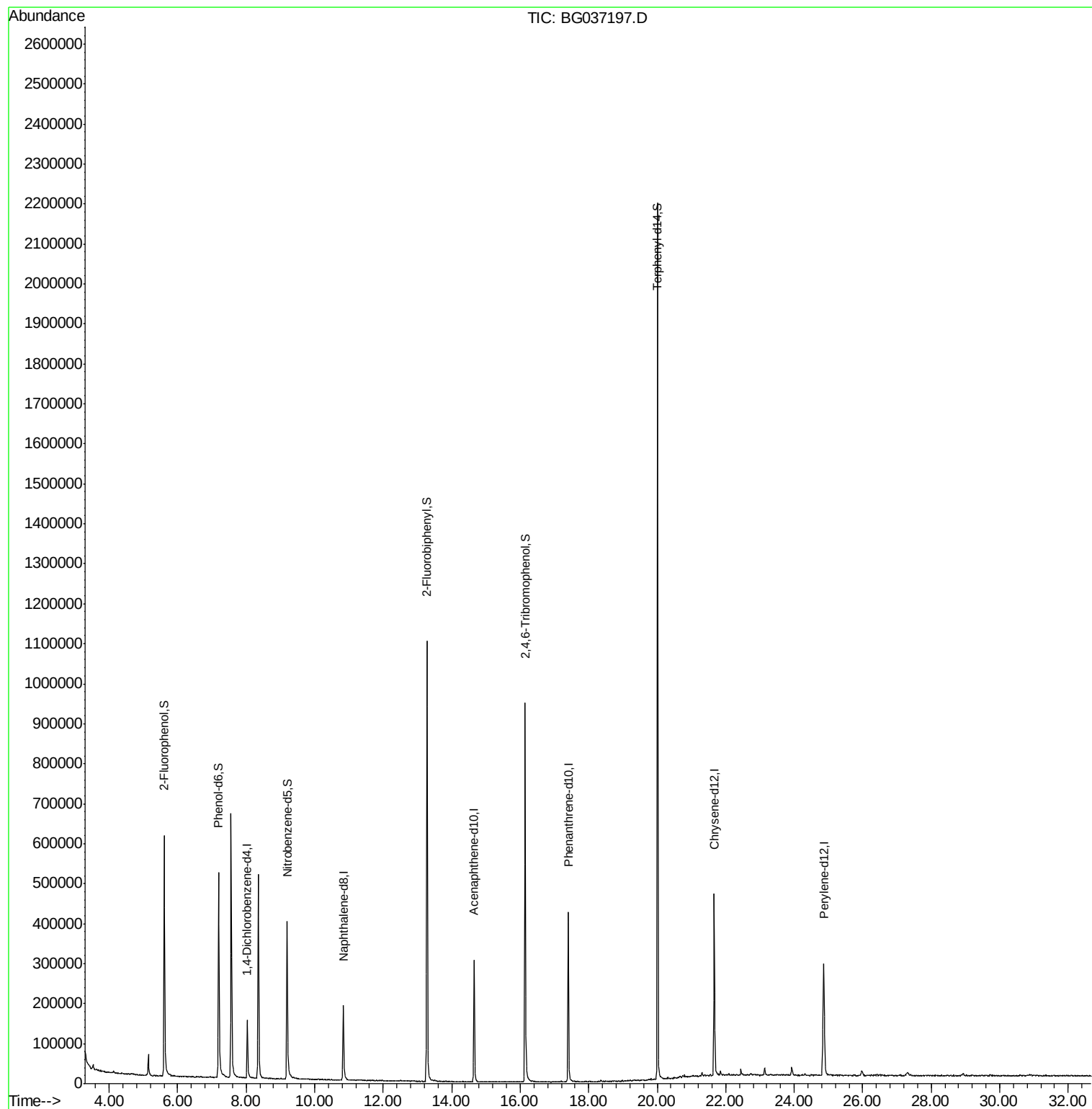
Target Compounds Qvalue

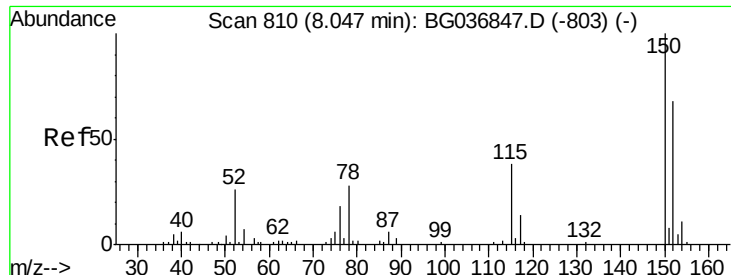
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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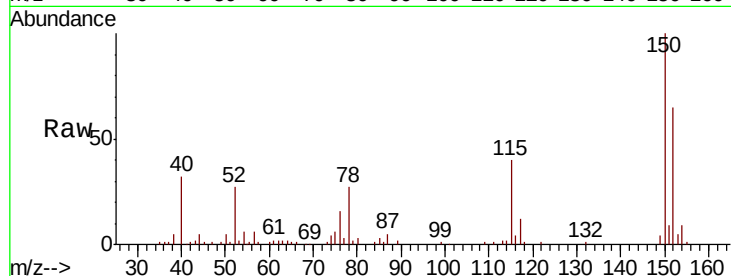


#1

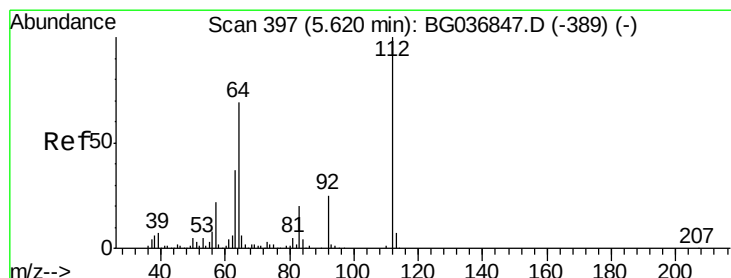
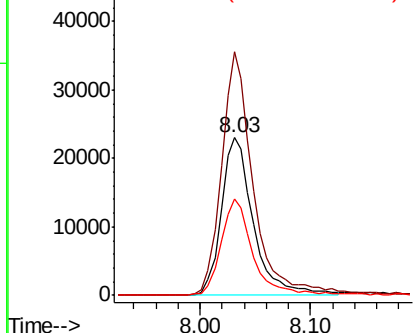
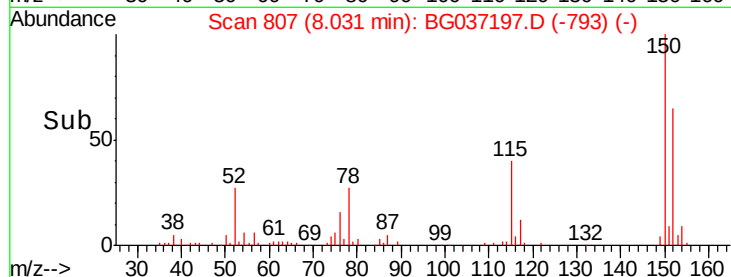
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037197.D
Acq: 5 Oct 2018 20:21

Instrument :
BNA_G
ClientSampleId :
T2-GRAVEL

Tot Ion:152 Resp: 46811
Ion Ratio Lower Upper
152 100
150 154.8 119.5 179.3
115 61.7 44.5 66.7



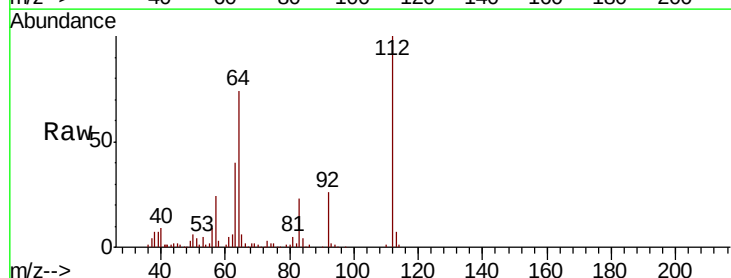
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



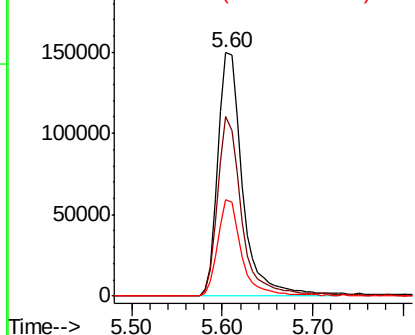
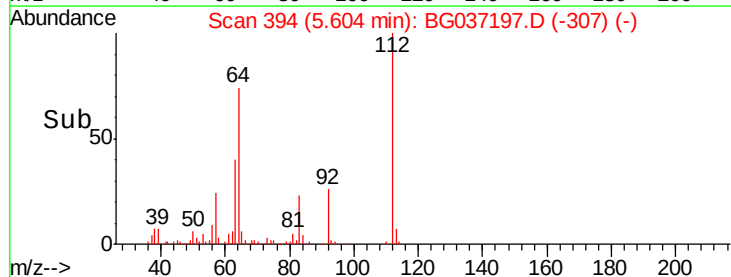
#5

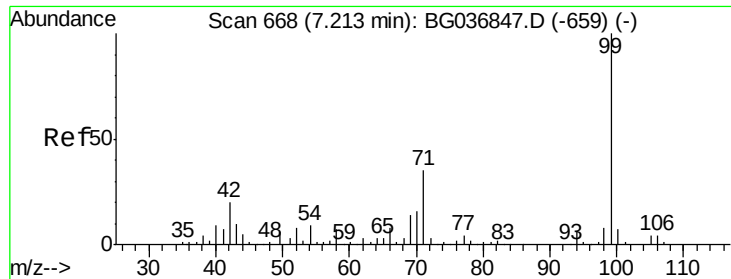
2-Fluorophenol
Concen: 116.778 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037197.D
Acq: 5 Oct 2018 20:21

Tgt Ion:112 Resp: 285043
Ion Ratio Lower Upper
112 100
64 73.8 57.2 85.8
63 39.6 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: 93.229 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG037197.D

Acq: 5 Oct 2018 20:21

Instrument :

BNA_G

ClientSampleId :

T2-GRAVEL

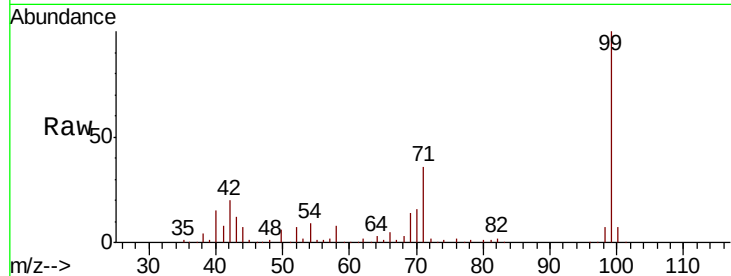
Tot Ion: 99 Resp: 352078

Ion Ratio Lower Upper

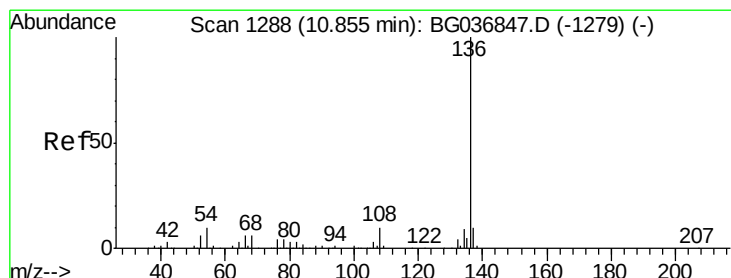
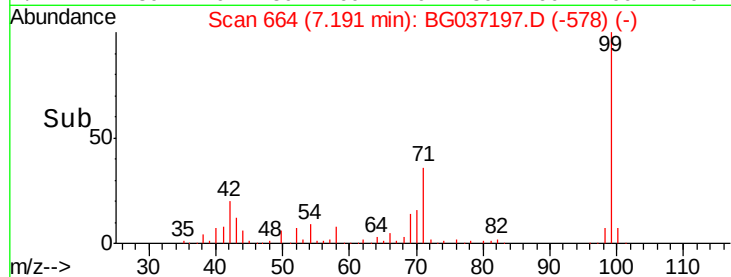
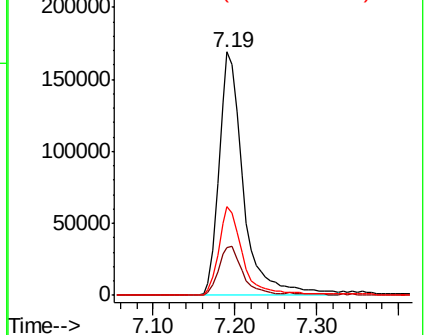
99 100

42 19.7 16.5 24.7

71 36.4 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: BG037197.D

Acq: 5 Oct 2018 20:21

Tgt Ion: 136 Resp: 184318

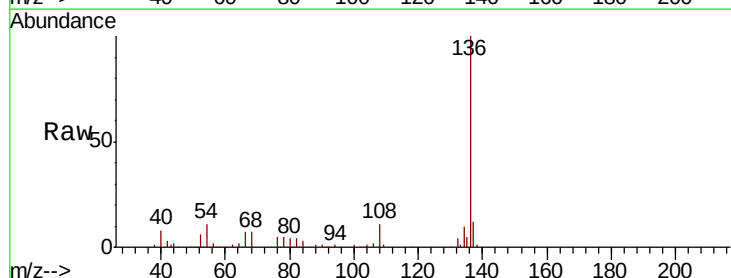
Ion Ratio Lower Upper

136 100

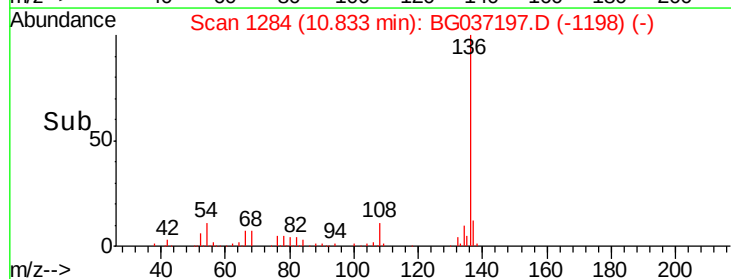
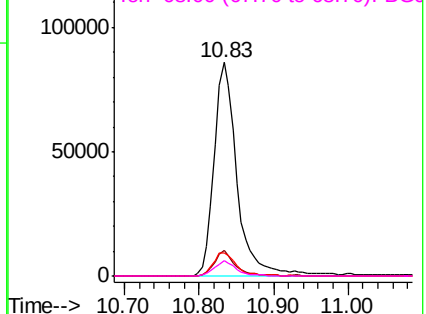
137 11.8 8.8 13.2

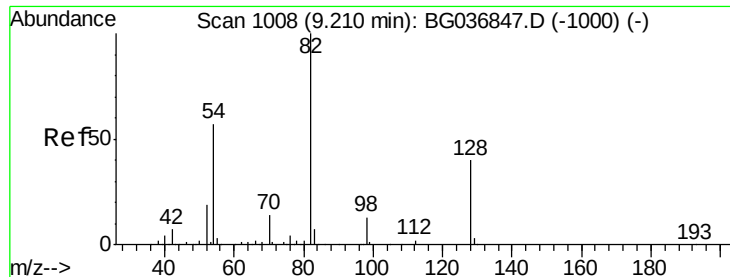
54 10.8 9.2 13.8

68 7.2 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

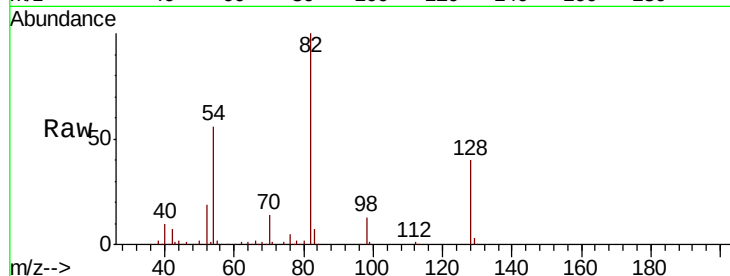




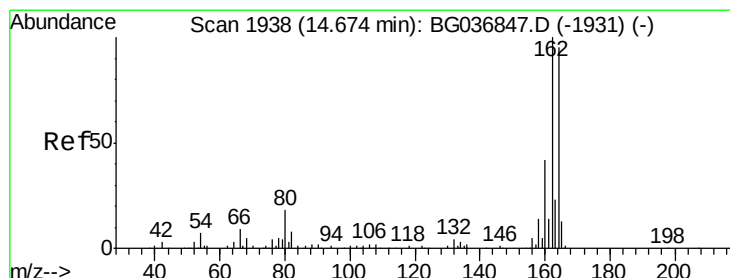
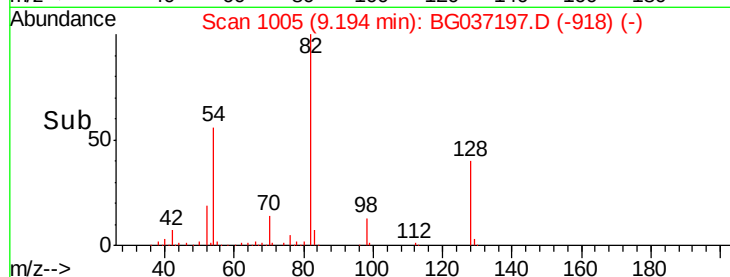
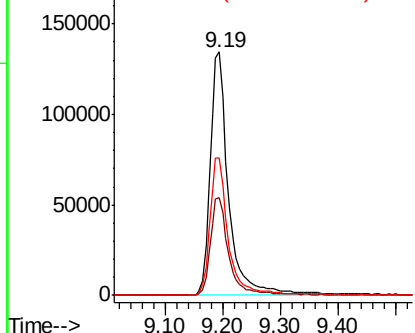
#23
 Nitrobenzene-d5
 Concen: 87.287 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BG037197.D
 Acq: 5 Oct 2018 20:21

Instrument :
 BNA_G
 ClientSampleId :
 T2-GRAVEL

Tot Ion	82	Resp	300433
Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.3	49.9
54	56.3	45.1	67.7

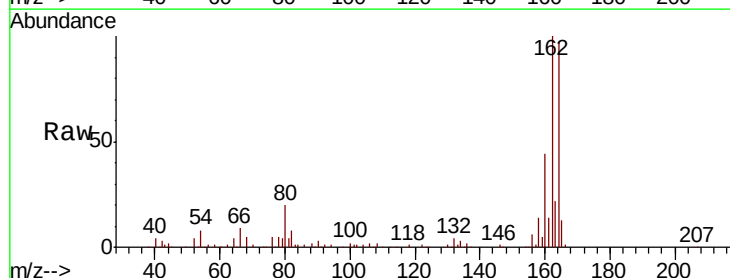


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

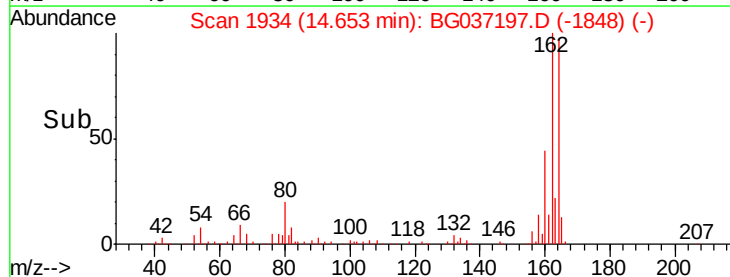
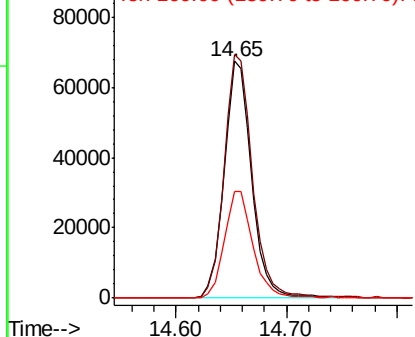


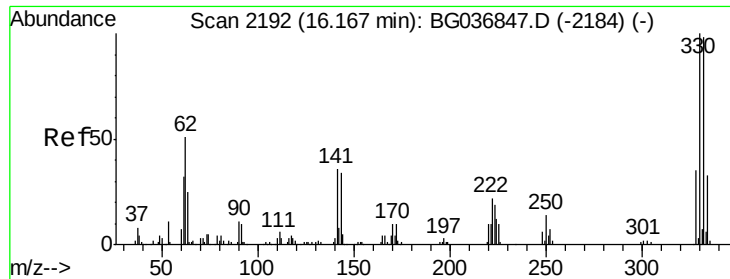
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.02 min
 Lab File: BG037197.D
 Acq: 5 Oct 2018 20:21

Tgt Ion	164	Resp	117297
Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.7	121.1
160	45.3	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

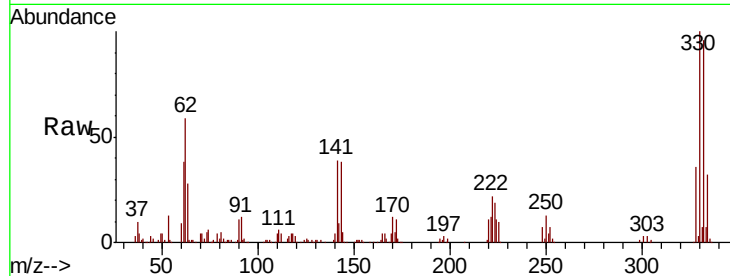




#41
 2,4,6-Tribromophenol
 Concen: 128.359 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037197.D
 Acq: 5 Oct 2018 20:21

Instrument :
 BNA_G
 ClientSampled :
 T2-GRAVEL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.2
141	40.3	30.7	46.1

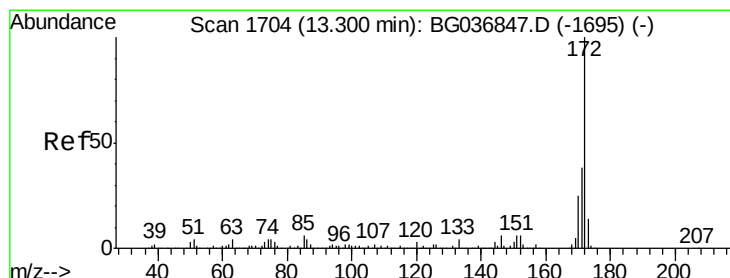
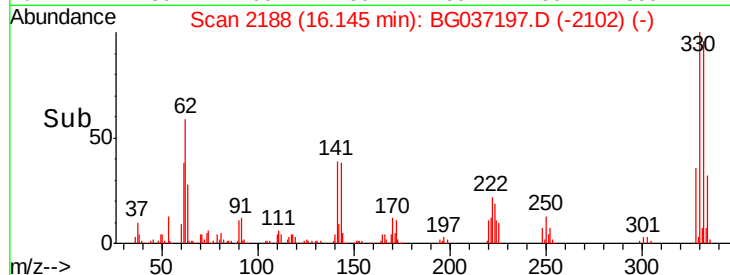
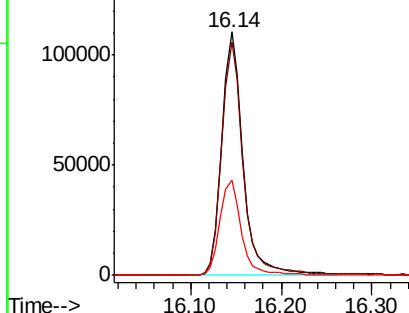


Abundance

Ion 329.80 (329.50 to 330.50): E

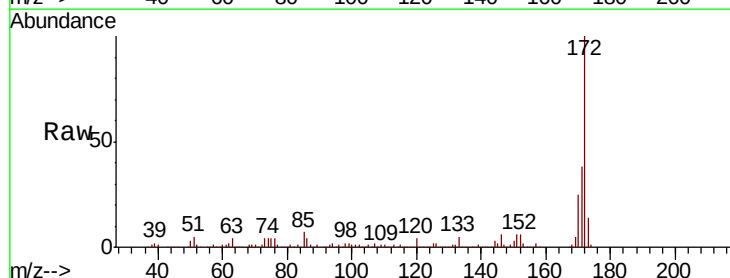
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.801 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037197.D
 Acq: 5 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.0	21.0	31.6

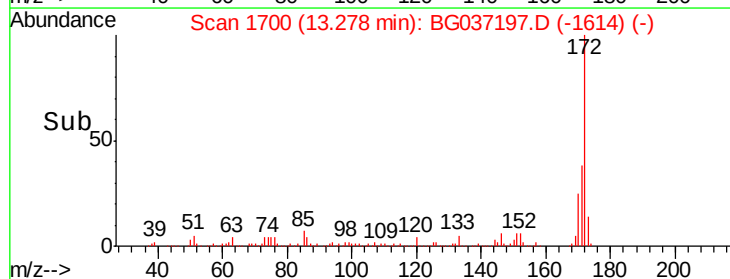
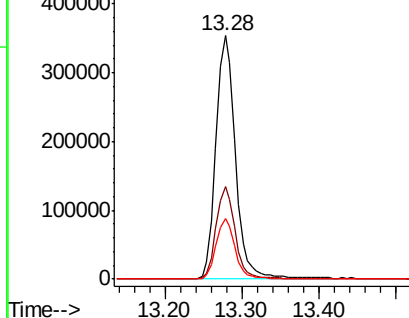


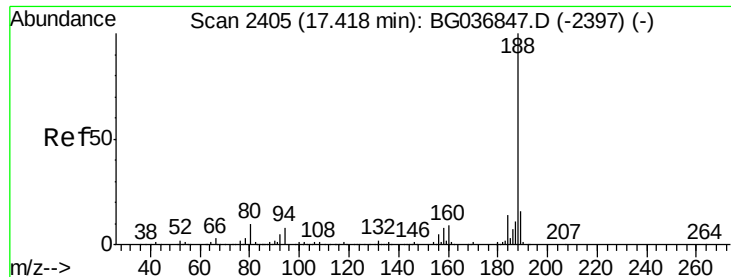
Abundance

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

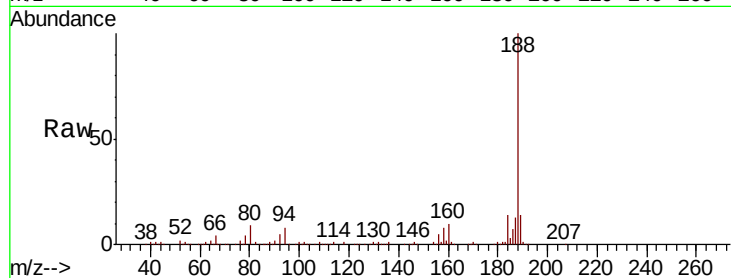




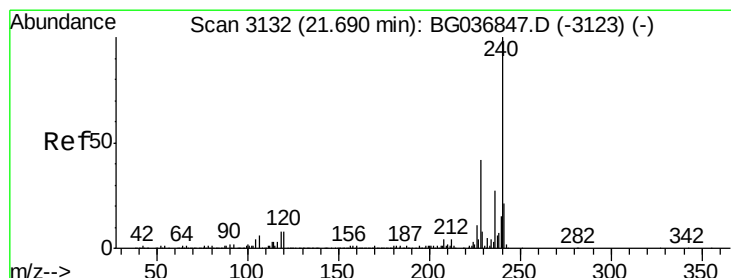
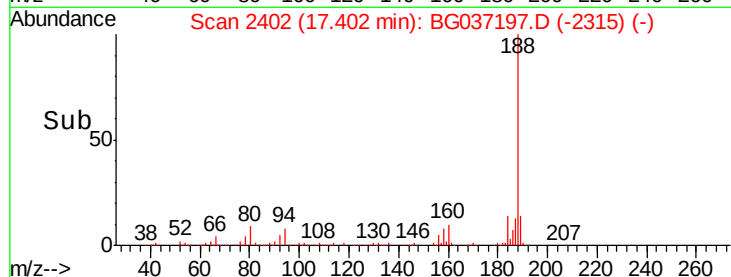
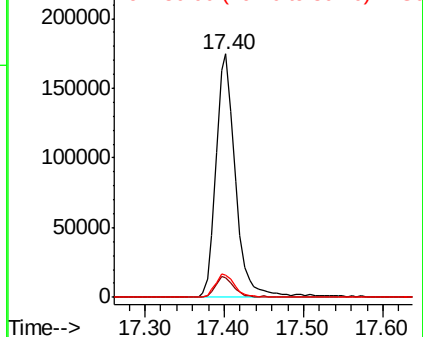
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037197.D
Acq: 5 Oct 2018 20:21

Instrument :
BNA_G
ClientSampleId :
T2-GRAVEL

Tot Ion:188 Resp: 297856
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.2 8.1 12.1

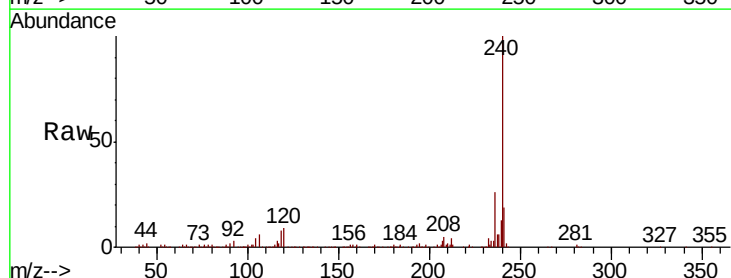


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

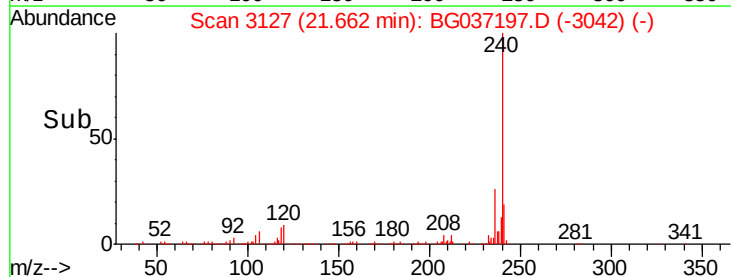
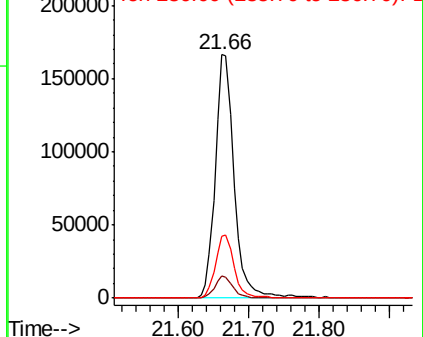


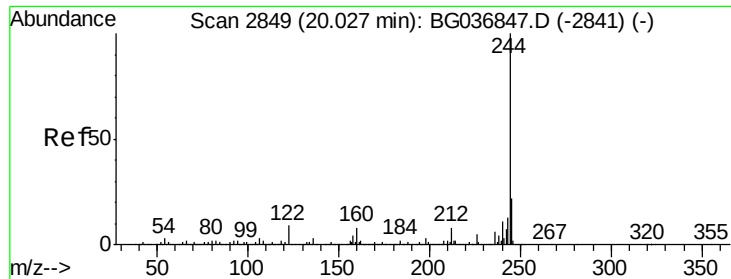
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG037197.D
Acq: 5 Oct 2018 20:21

Tgt Ion:240 Resp: 310537
Ion Ratio Lower Upper
240 100
120 8.9 6.9 10.3
236 25.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.462 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037197.D

Acq: 5 Oct 2018 20:21

Instrument :

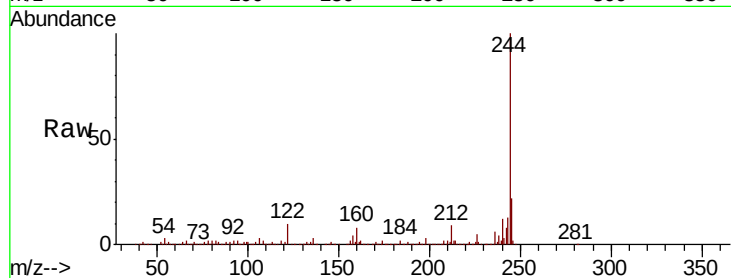
BNA_G

ClientSampleId :

T2-GRAVEL

Tot Ion:244 Resp: 1103771

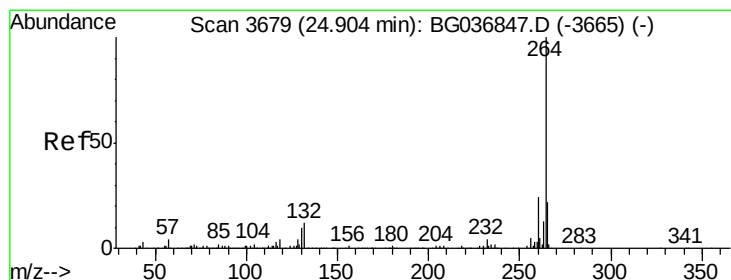
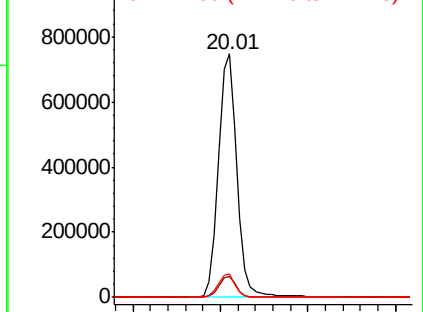
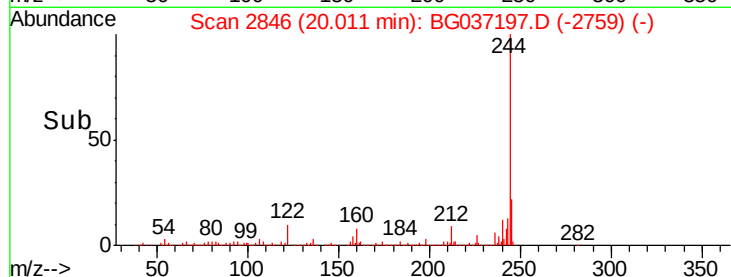
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.6	7.1	10.7



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: 24.86 min Scan# 3671

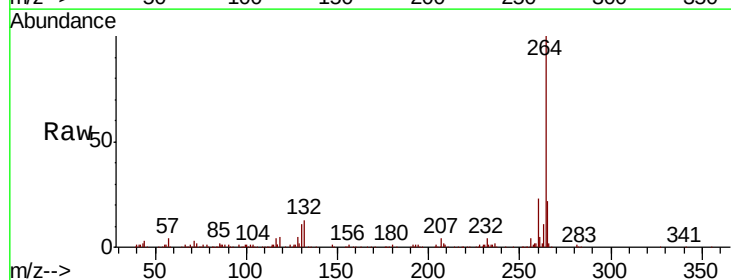
Delta R.T. -0.05 min

Lab File: BG037197.D

Acq: 5 Oct 2018 20:21

Tgt Ion:264 Resp: 304689

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.9	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

