

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037153.D
 Acq On : 4 Oct 2018 9:28
 Operator : JU/SJ
 Sample : J5211-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-1018-S-TCLP-GRID41-1

Quant Time: Oct 04 10:09:43 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	8.04	152	50449	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	204582	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	116594	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	277277	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	292952	20.00	ng	-0.02
86) Perylene-d12	24.88	264	277478	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	330767	125.74	ng	0.00
7) Phenol-d6	7.20	99	386097	94.86	ng	-0.01
23) Nitrobenzene-d5	9.20	82	339747	88.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	137963	98.90	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	634306	81.03	ng	-0.01
78) Terphenyl-d14	20.02	244	1082003	97.12	ng	-0.01

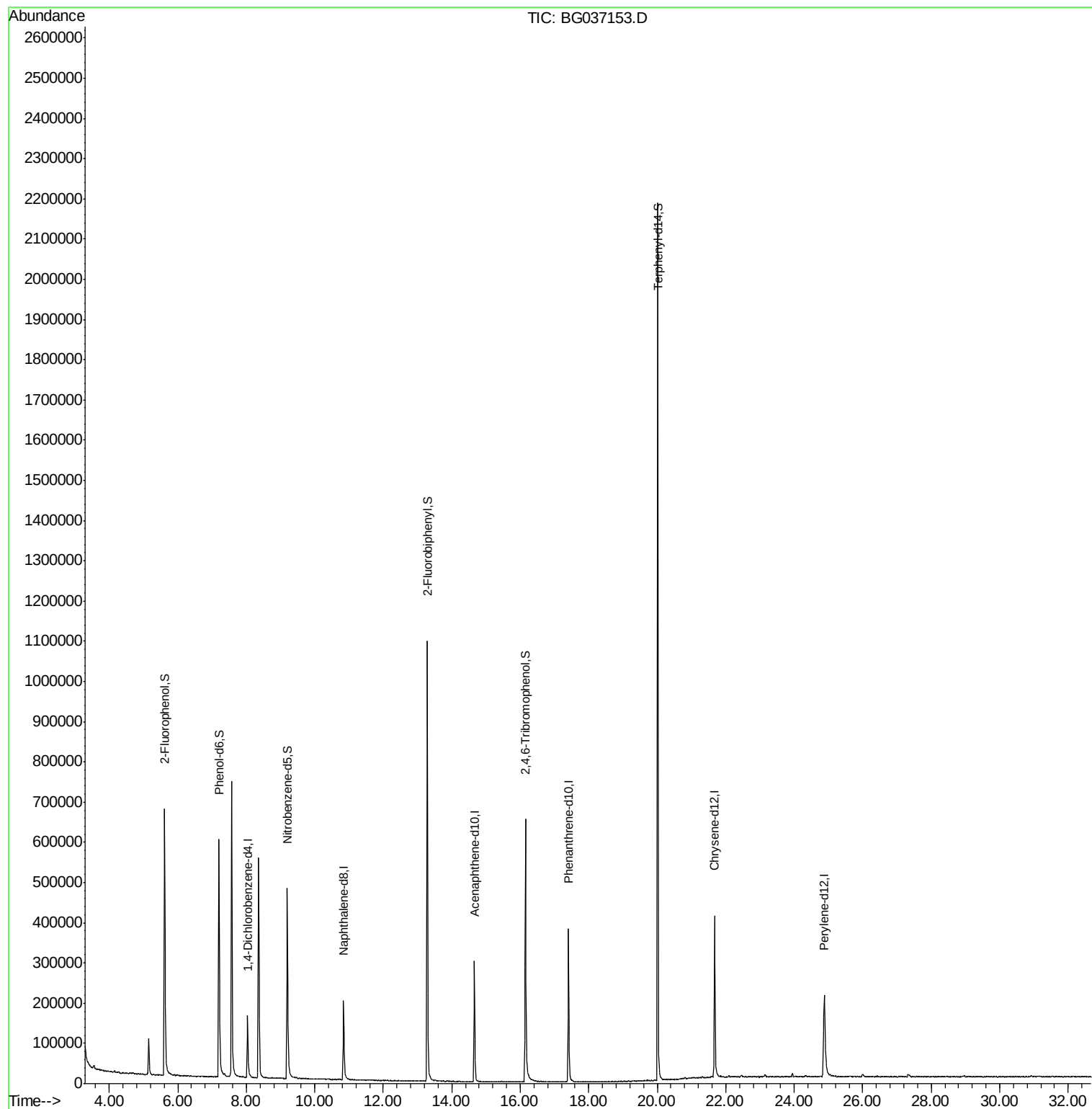
Target Compounds Qvalue

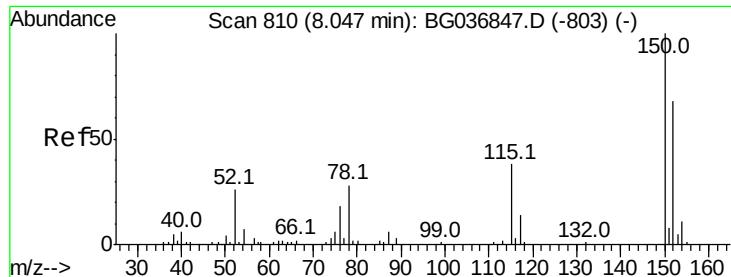
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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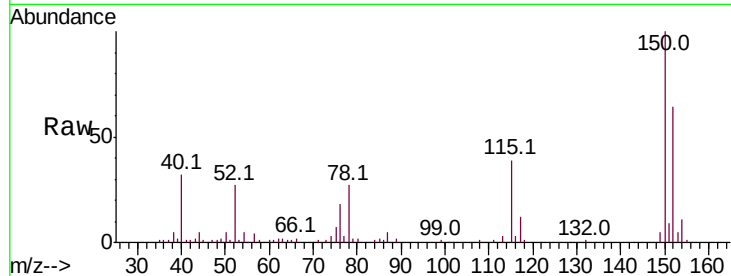


#1

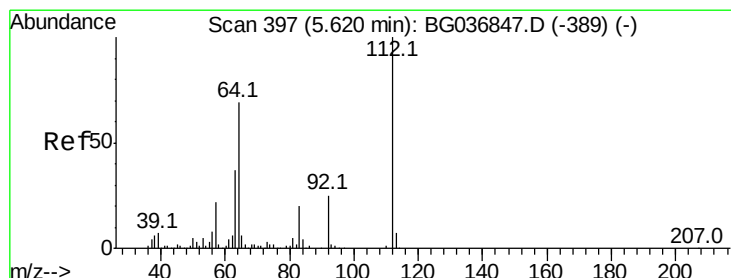
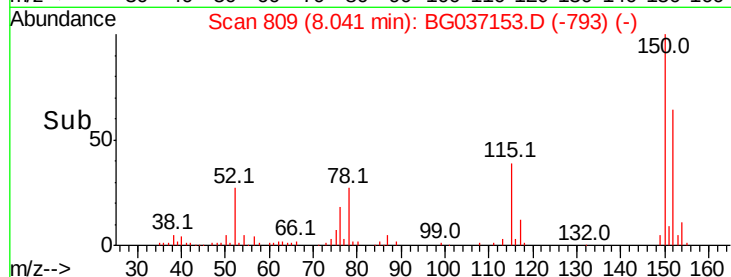
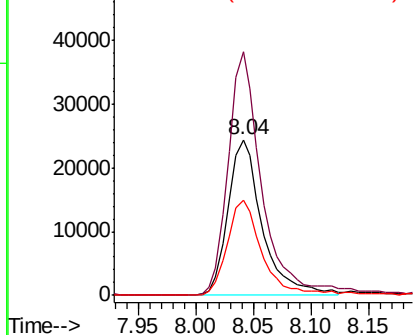
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037153.D
Acq: 4 Oct 2018 9:28

Instrument :
BNA_G
ClientSampleId :
CB-1018-S-TCLP-GRID41-1

Tot Ion:152 Resp: 50449
Ion Ratio Lower Upper
152 100
150 156.6 119.5 179.3
115 61.3 44.5 66.7



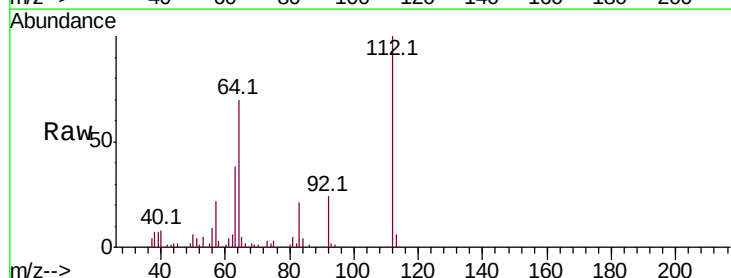
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



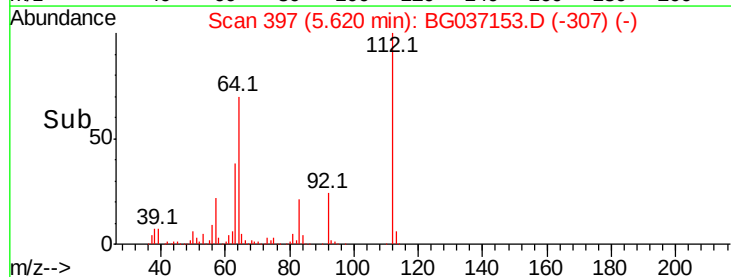
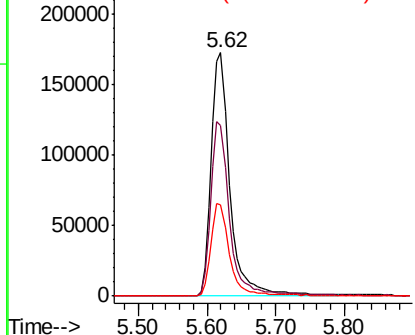
#5

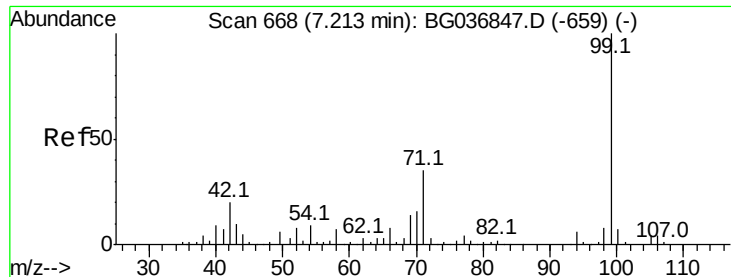
2-Fluorophenol
Concen: 125.739 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG037153.D
Acq: 4 Oct 2018 9:28

Tgt Ion:112 Resp: 330767
Ion Ratio Lower Upper
112 100
64 70.3 57.2 85.8
63 37.6 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: 94.865 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037153.D

Acq: 4 Oct 2018 9:28

Instrument :

BNA_G

ClientSampleId :

CB-1018-S-TCLP-GRID41-1

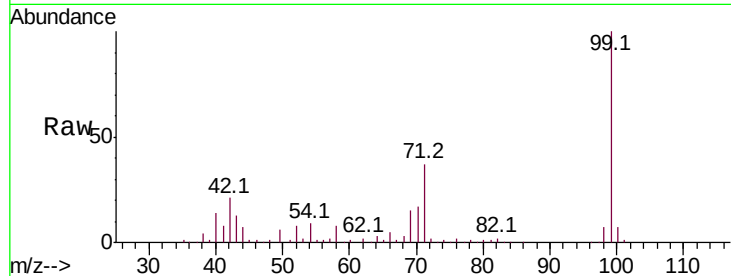
Tot Ion: 99 Resp: 386097

Ion Ratio Lower Upper

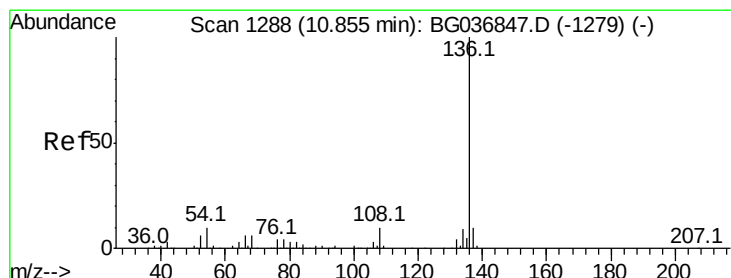
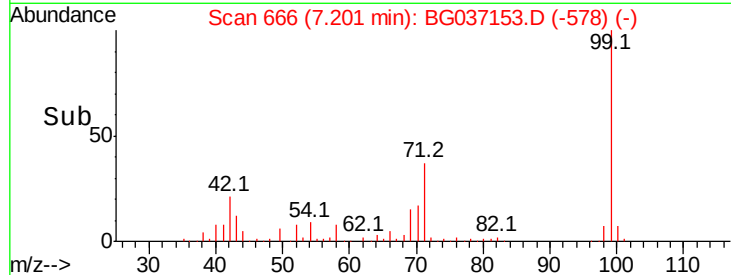
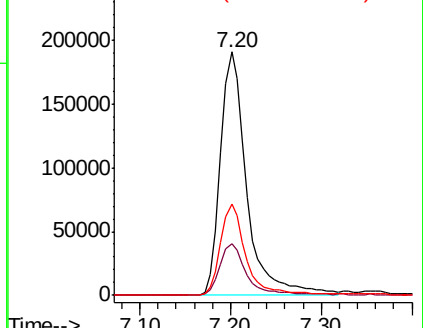
99 100

42 21.4 16.5 24.7

71 37.4 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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037153.D

Acq: 4 Oct 2018 9:28

Tgt Ion: 136 Resp: 204582

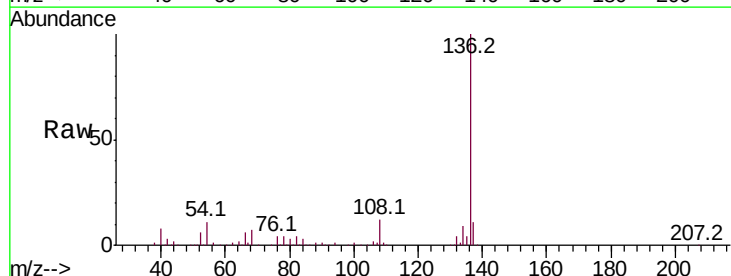
Ion Ratio Lower Upper

136 100

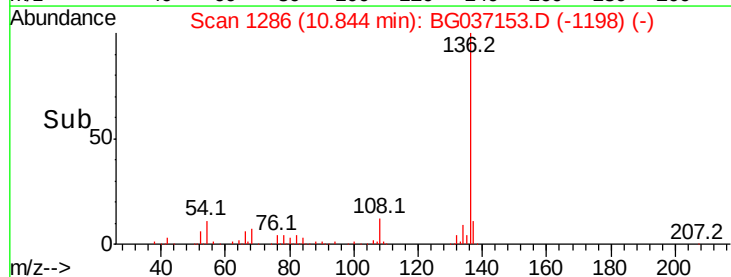
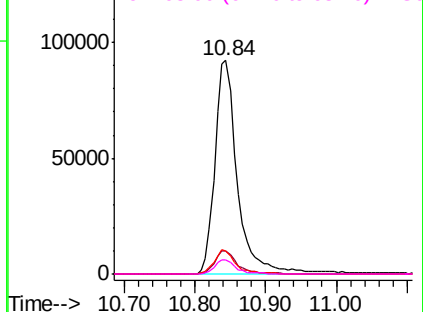
137 10.6 8.8 13.2

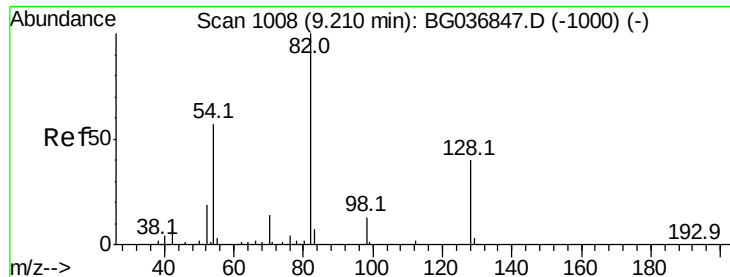
54 10.6 9.2 13.8

68 6.8 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

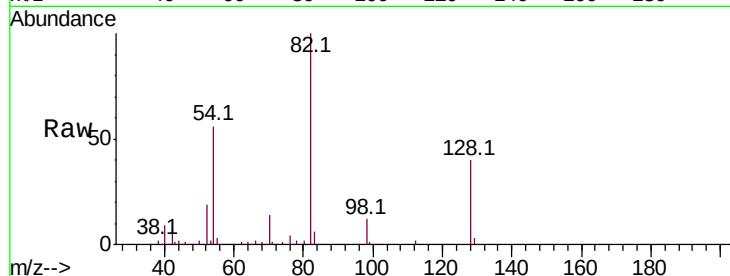




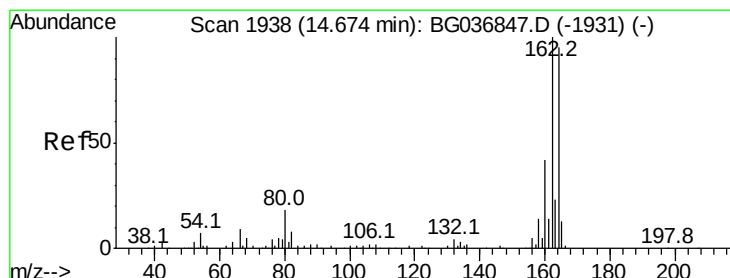
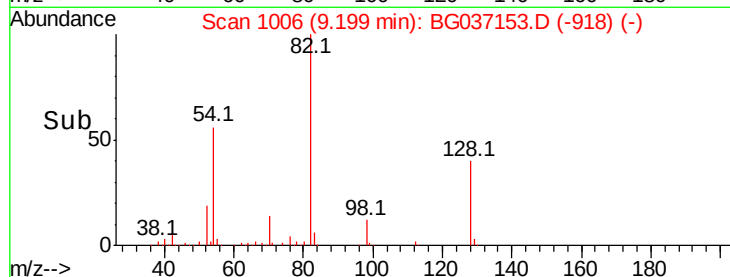
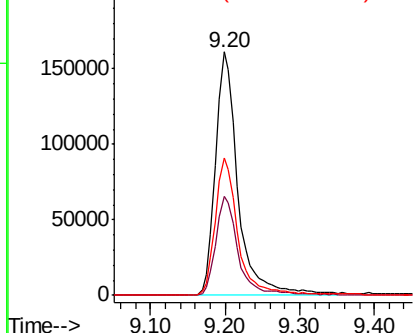
#23
Nitrobenzene-d5
Concen: 88.932 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037153.D
Acq: 4 Oct 2018 9:28

Instrument :
BNA_G
ClientSampleId :
CB-1018-S-TCLP-GRID41-1

Tot Ion	82	Resp	339747
Ion Ratio	Lower	Upper	
82	100		
128	40.4	33.3	49.9
54	56.4	45.1	67.7

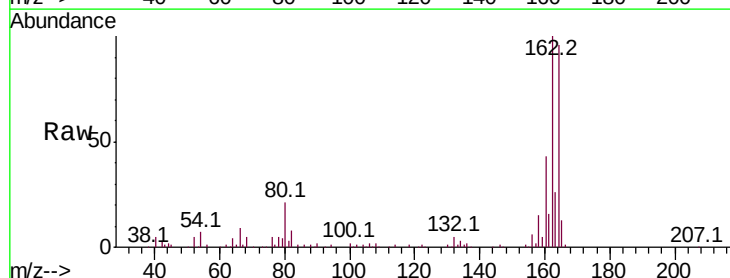


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

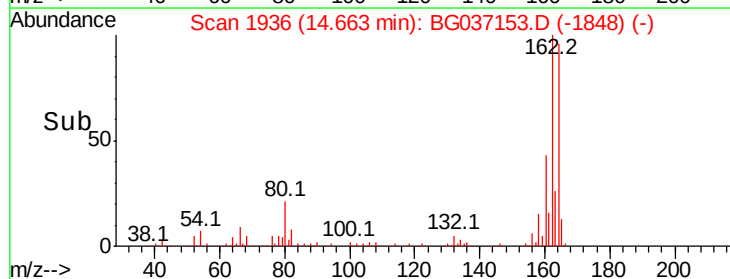
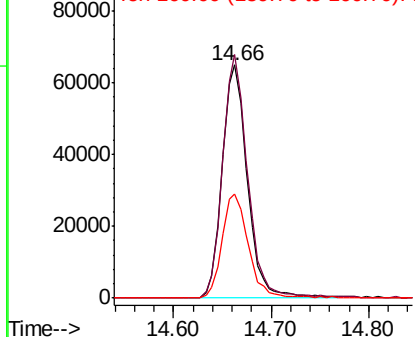


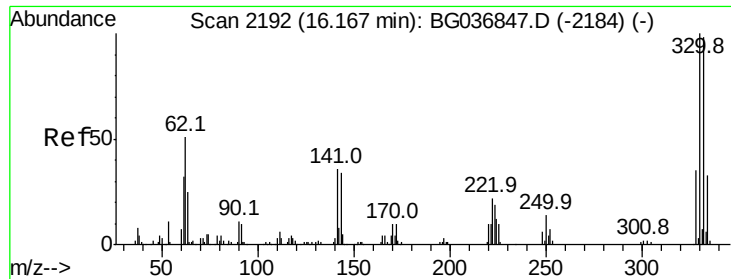
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037153.D
Acq: 4 Oct 2018 9:28

Tgt Ion	164	Resp	116594
Ion Ratio	Lower	Upper	
164	100		
162	104.4	80.7	121.1
160	44.7	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

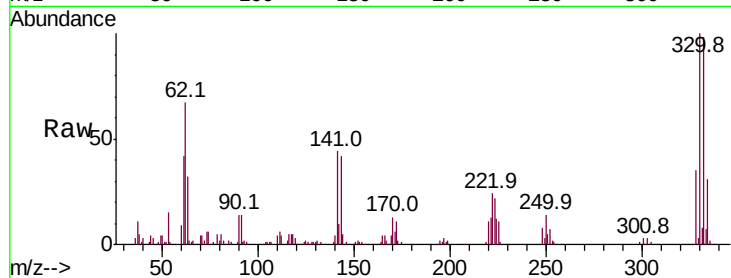




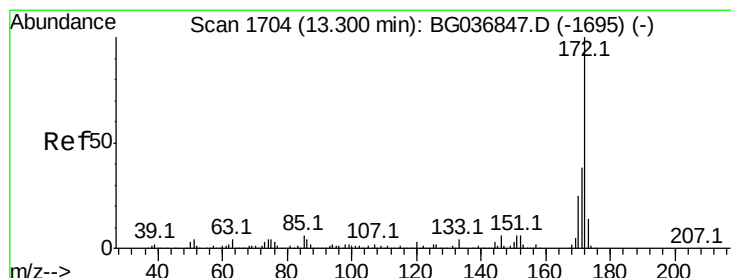
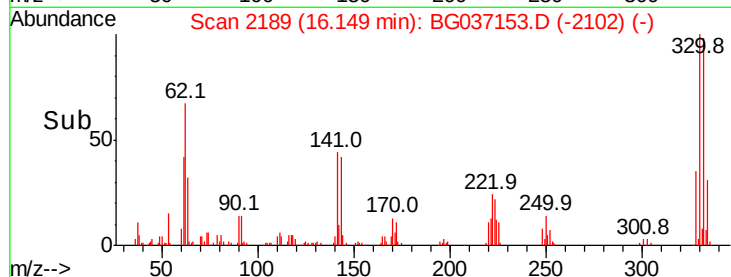
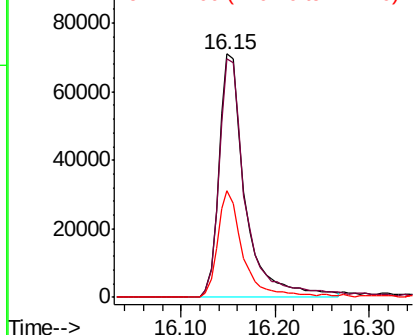
#41
 2,4,6-Tribromophenol
 Concen: 98.900 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037153.D
 Acq: 4 Oct 2018 9:28

Instrument :
 BNA_G
 ClientSampleId :
 CB-1018-S-TCLP-GRID41-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	75.4	113.2
141	42.1	30.7	46.1

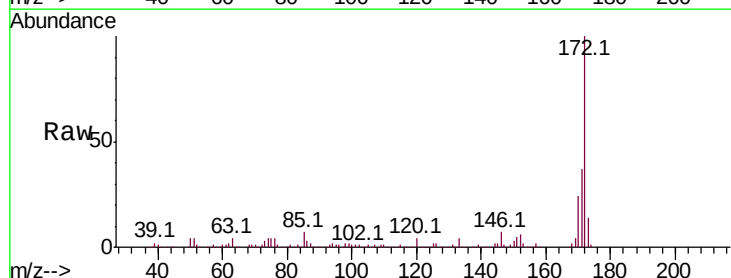


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

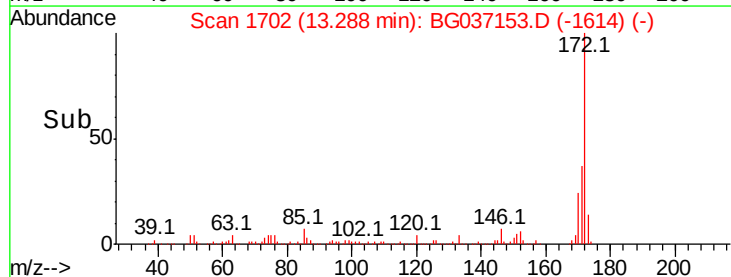
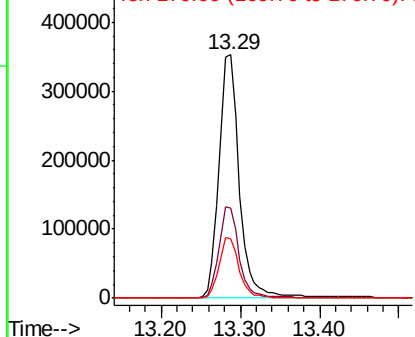


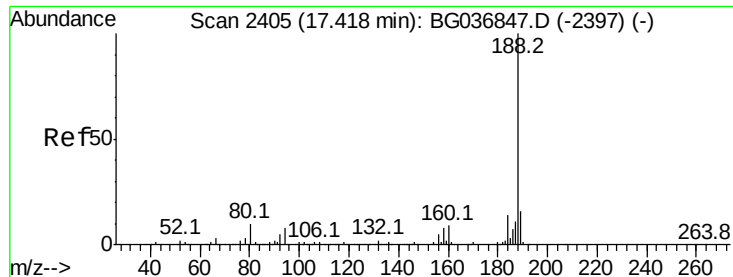
#44
 2-Fluorobiphenyl
 Concen: 81.027 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037153.D
 Acq: 4 Oct 2018 9:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.3	46.9
170	24.3	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

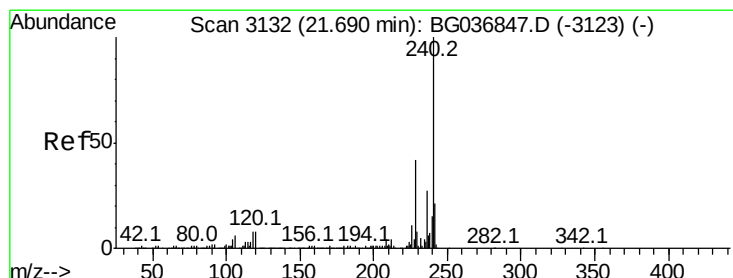
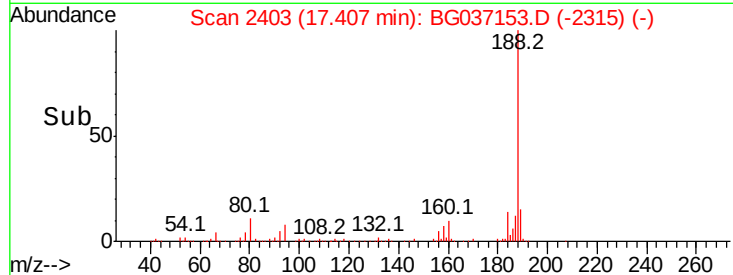
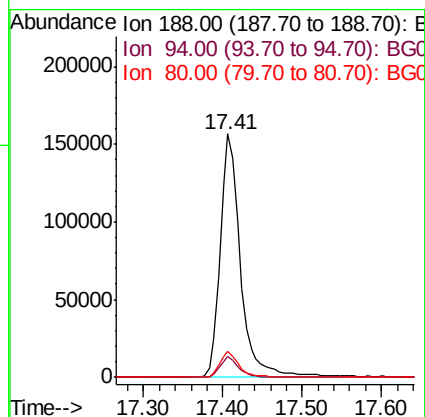
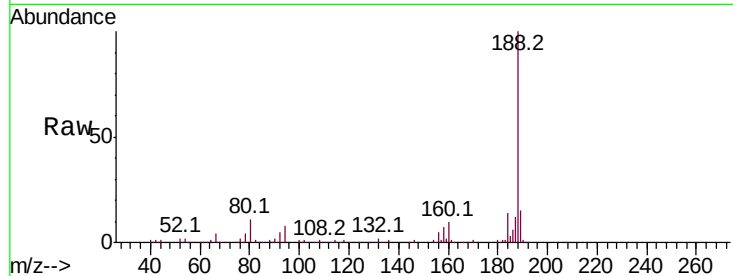




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037153.D
Acq: 4 Oct 2018 9:28

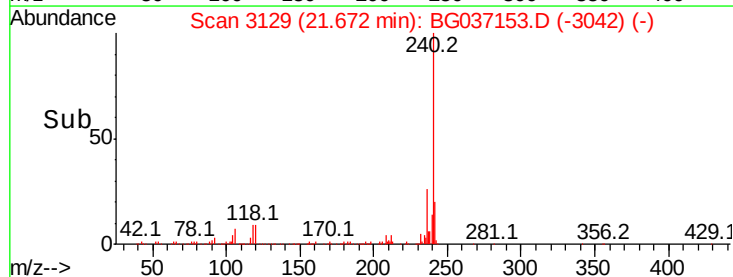
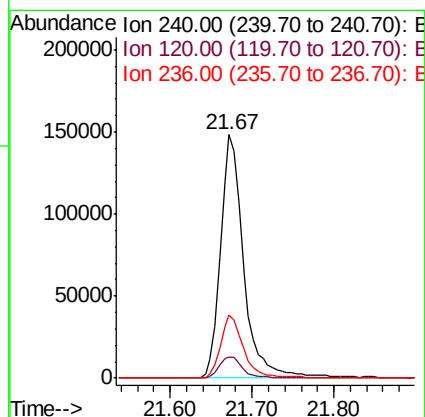
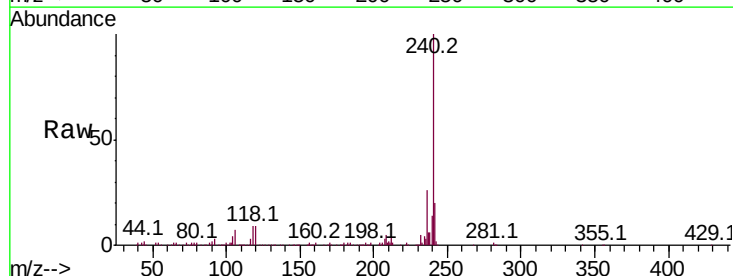
Instrument :
BNA_G
ClientSampleId :
CB-1018-S-TCLP-GRID41-1

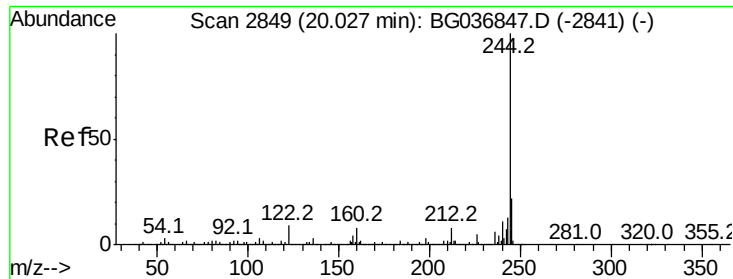
Tot Ion:188 Resp: 277277
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 10.8 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037153.D
Acq: 4 Oct 2018 9:28

Tgt Ion:240 Resp: 292952
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.7 21.2 31.8





#78

Terphenyl-d14

Concen: 97.119 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037153.D

Acq: 4 Oct 2018 9:28

Instrument :

BNA_G

ClientSampleId :

CB-1018-S-TCLP-GRID41-1

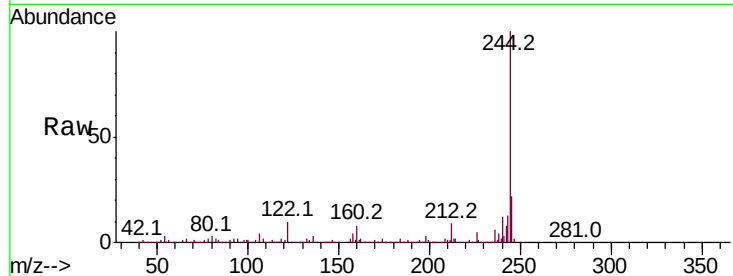
Tot Ion:244 Resp: 1082003

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.5	7.1	10.7

244 100

212 8.6 7.0 10.6

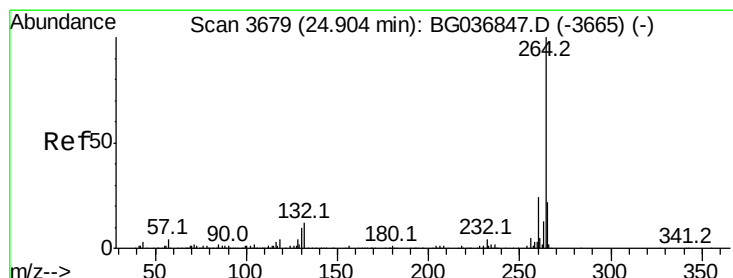
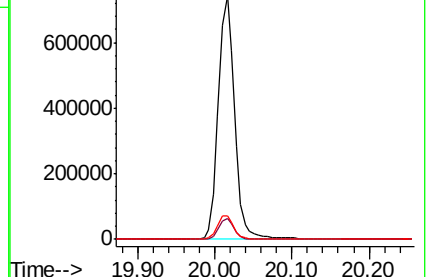
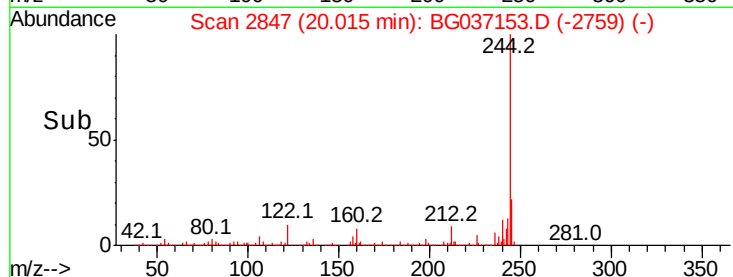
122 9.5 7.1 10.7



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: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG037153.D

Acq: 4 Oct 2018 9:28

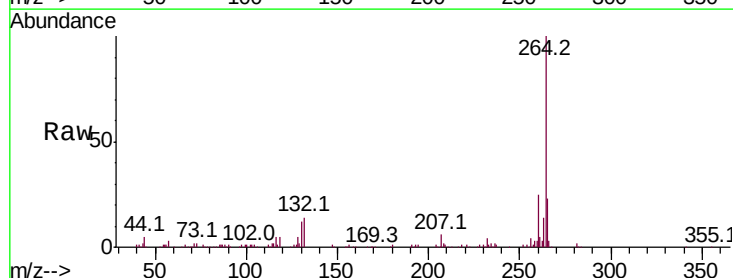
Tgt Ion:264 Resp: 277478

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	22.5	17.4	26.0

264 100

260 24.9 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

