

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037042.D
 Acq On : 28 Sep 2018 9:33
 Operator : JU/SJ
 Sample : J5076-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 092418-DBRI-E-U-B

Quant Time: Sep 28 13:33:12 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

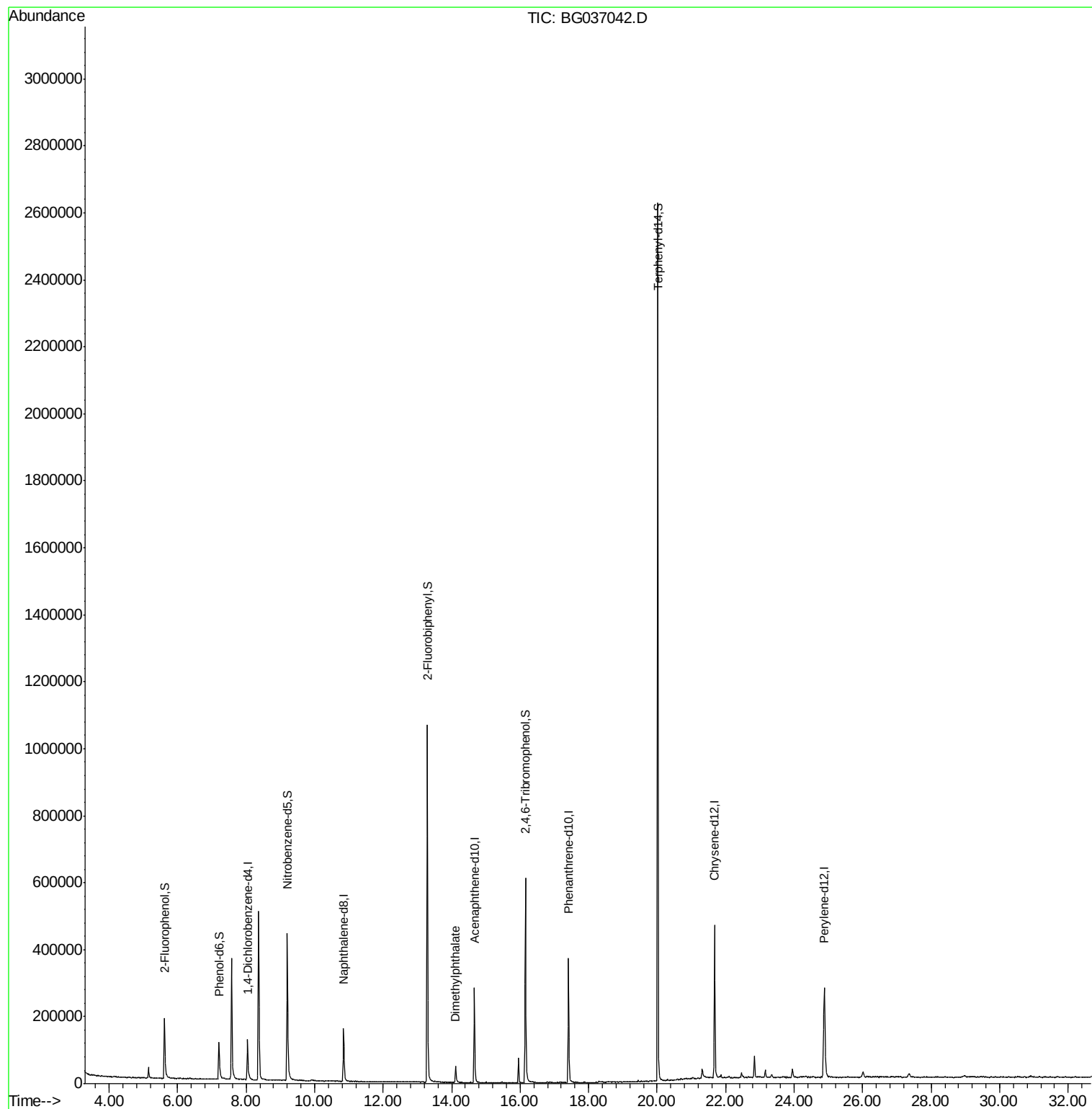
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	40092	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	161020	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	100367	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	261787	20.00	ng	0.00
75) Chrysene-d12	21.67	240	296858	20.00	ng	-0.02
86) Perylene-d12	24.88	264	294973	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	98112	46.93	ng	0.00
7) Phenol-d6	7.20	99	89055	27.53	ng	0.00
23) Nitrobenzene-d5	9.20	82	317267	105.51	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	119456	99.48	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	620613	92.10	ng	0.00
78) Terphenyl-d14	20.02	244	1256186	111.27	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.11	163	38757	4.797	ng	98

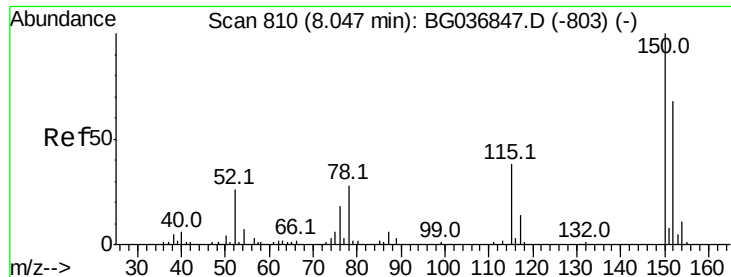
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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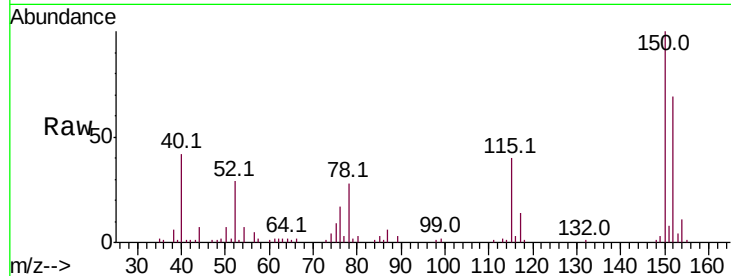


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037042.D
Acq: 28 Sep 2018 9:33

Instrument :
BNA_G
ClientSampleId :
092418-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.1	119.5	179.3
115	57.1	44.5	66.7

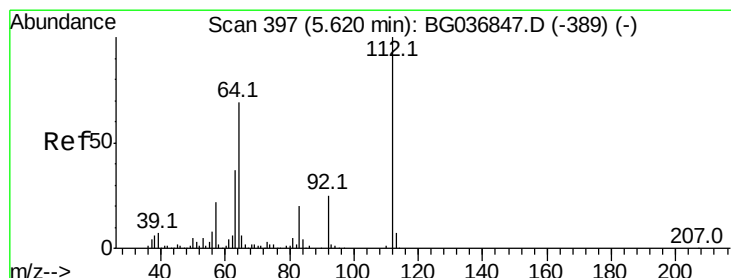
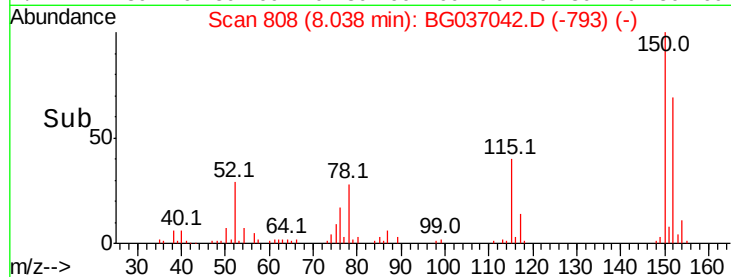
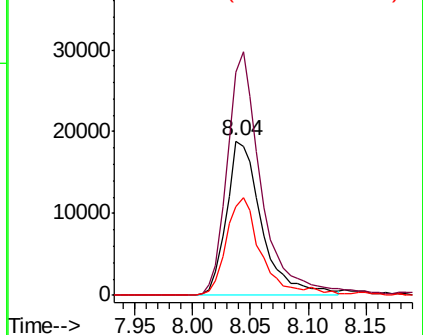


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

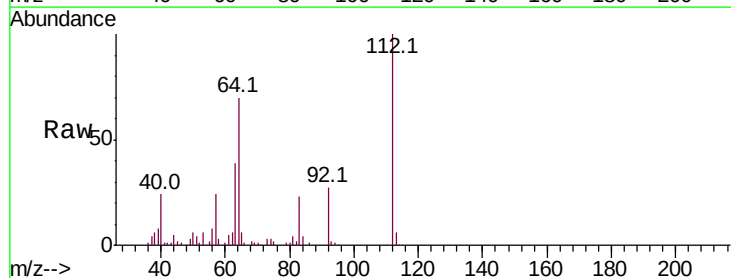
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.931 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037042.D
Acq: 28 Sep 2018 9:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	57.2	85.8
63	38.7	30.8	46.2

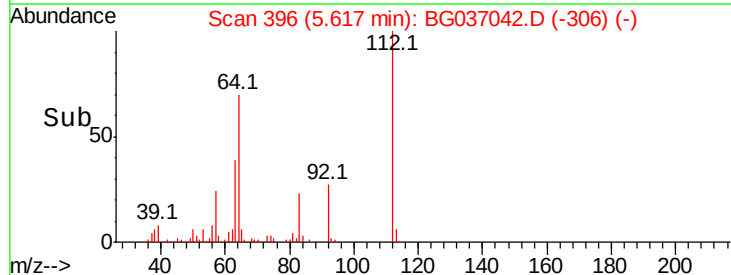
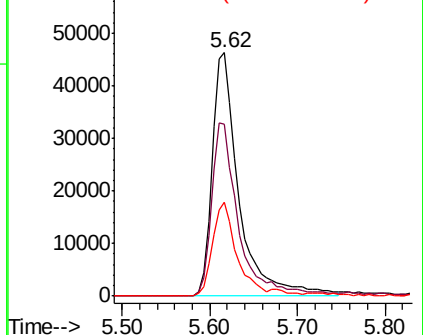


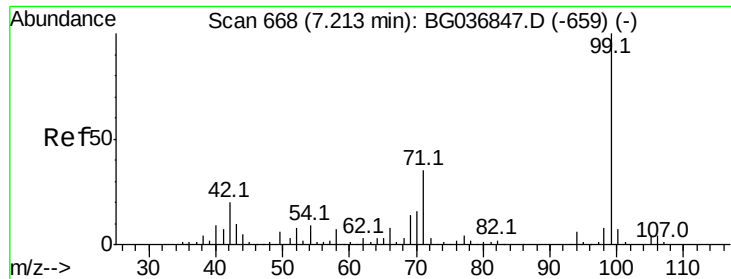
Abundance

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: 27.534 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037042.D

Acq: 28 Sep 2018 9:33

Instrument :

BNA_G

ClientSampleId :

092418-DBRI-E-U-B

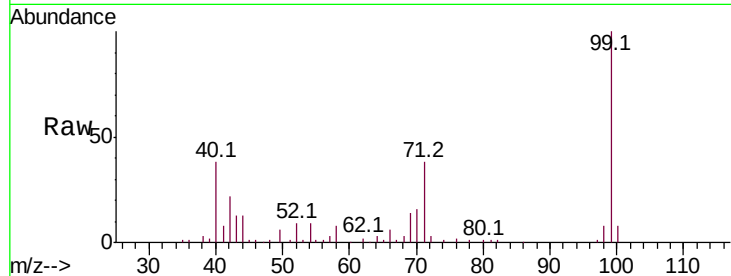
Tot Ion: 99 Resp: 89055

Ion Ratio Lower Upper

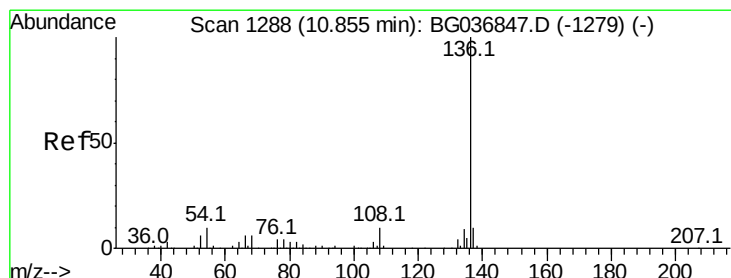
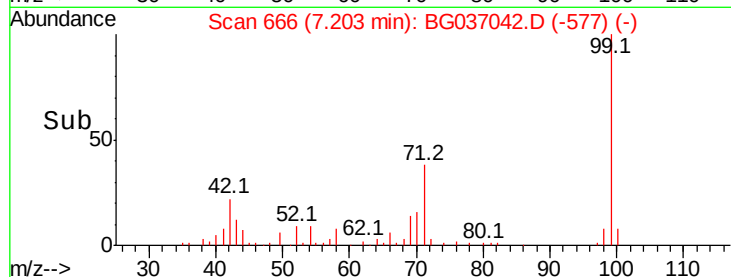
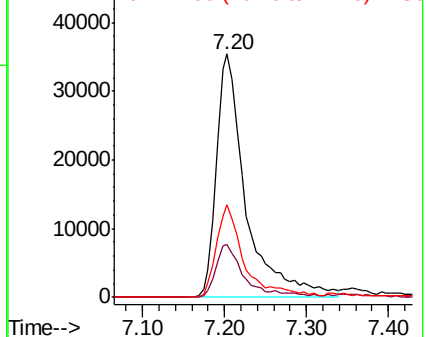
99 100

42 21.6 16.5 24.7

71 38.3 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: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037042.D

Acq: 28 Sep 2018 9:33

Tgt Ion: 136 Resp: 161020

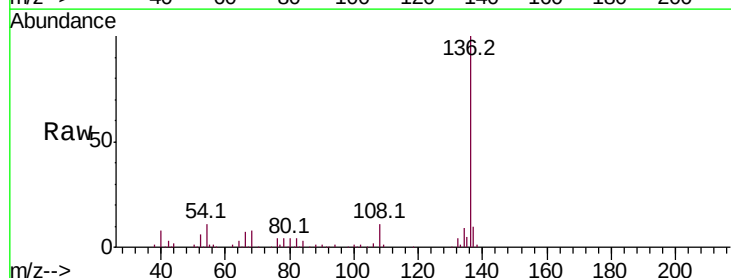
Ion Ratio Lower Upper

136 100

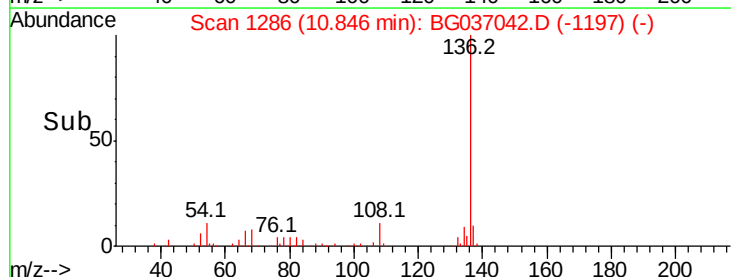
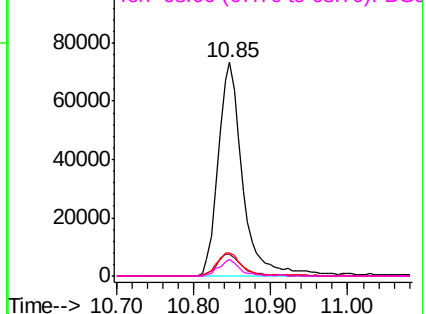
137 10.4 8.8 13.2

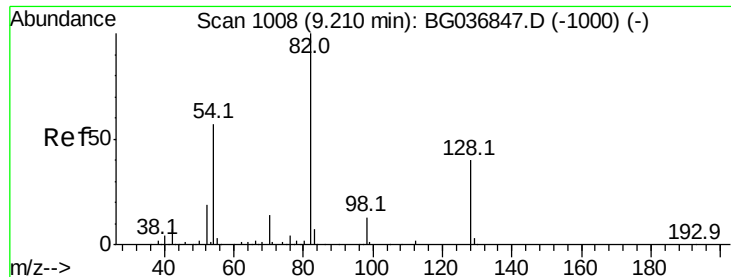
54 10.6 9.2 13.8

68 7.8 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

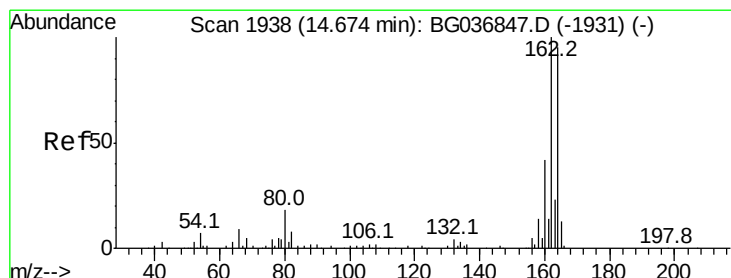
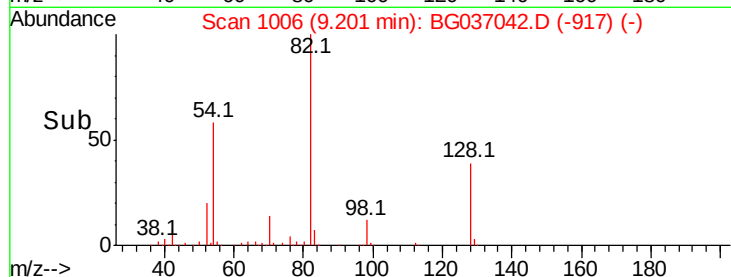
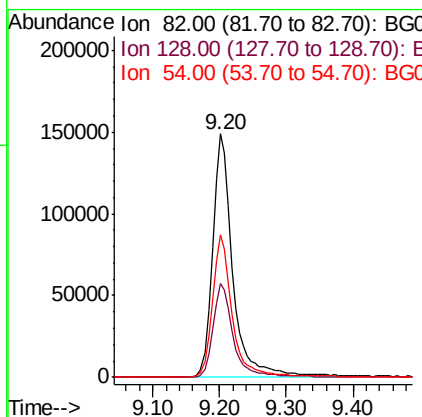
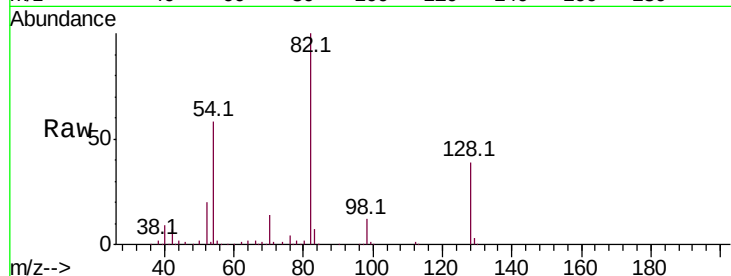




#23
 Nitrobenzene-d5
 Concen: 105.515 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037042.D
 Acq: 28 Sep 2018 9:33

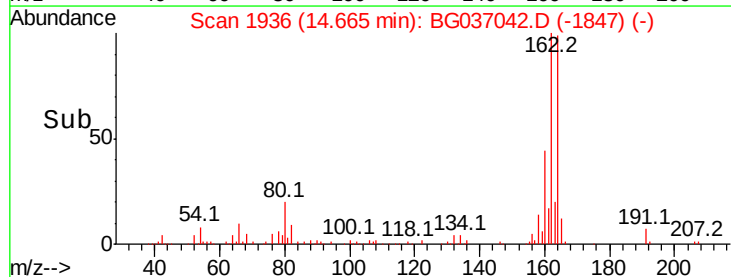
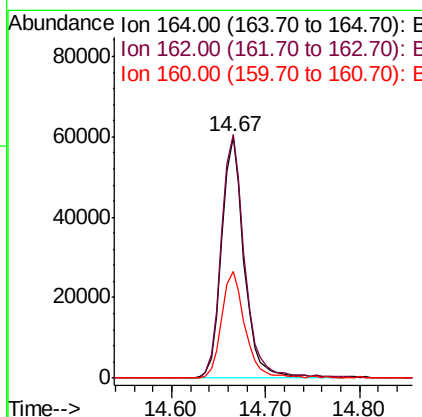
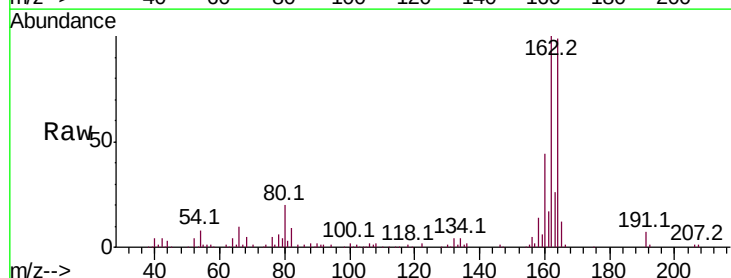
Instrument :
 BNA_G
 ClientSampleId :
 092418-DBRI-E-U-B

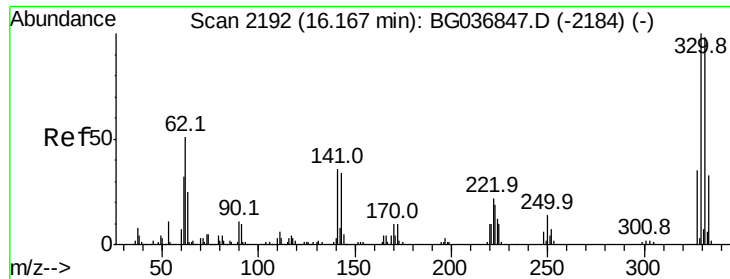
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.3	49.9
54	58.3	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037042.D
 Acq: 28 Sep 2018 9:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.7	121.1
160	44.4	35.3	52.9

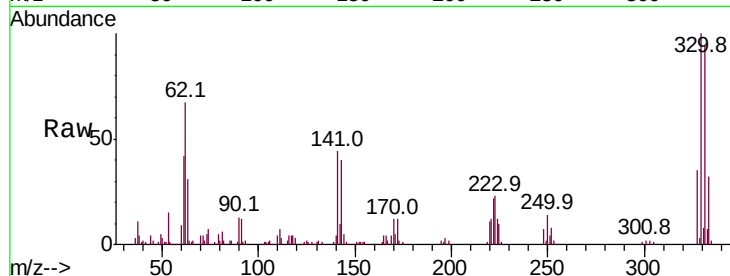




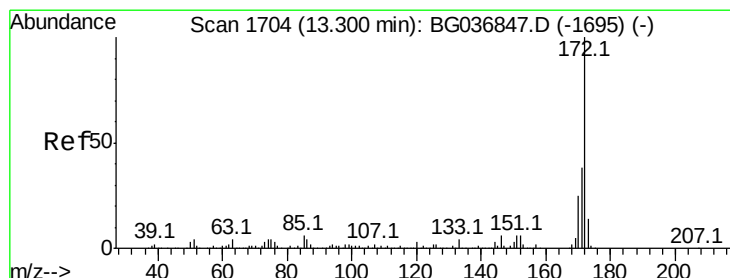
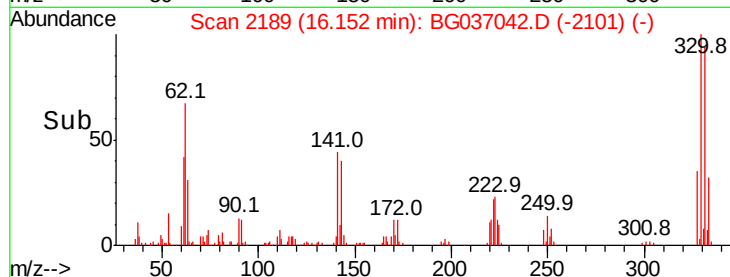
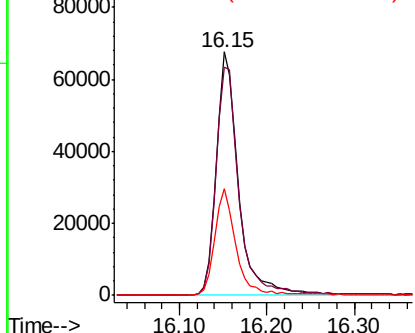
#41
 2,4,6-Tribromophenol
 Concen: 99.478 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037042.D
 Acq: 28 Sep 2018 9:33

Instrument :
 BNA_G
 ClientSampleId :
 092418-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.2
141	42.3	30.7	46.1

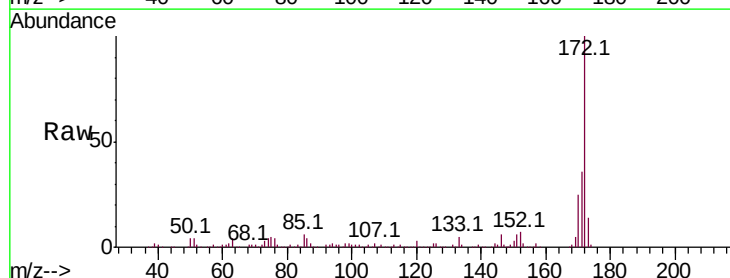


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

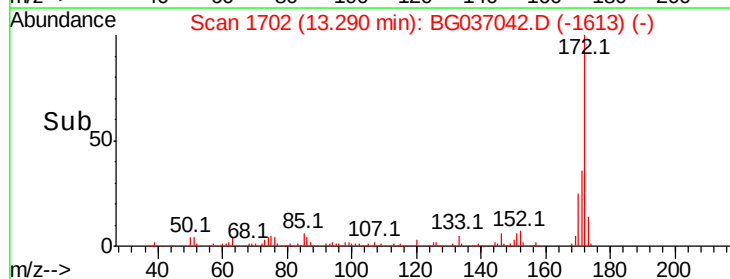
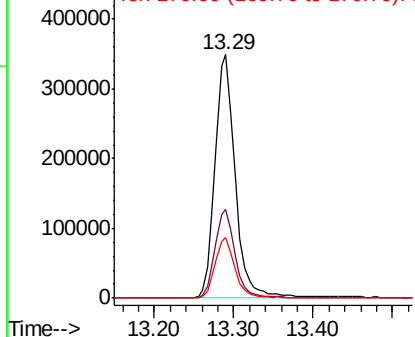


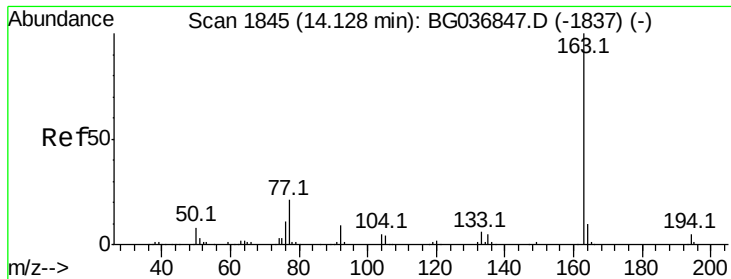
#44
 2-Fluorobiphenyl
 Concen: 92.095 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037042.D
 Acq: 28 Sep 2018 9:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.3	46.9
170	24.8	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





#49

Dimethylphthalate

Concen: 4.797 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG037042.D

Acq: 28 Sep 2018 9:33

Instrument :

BNA_G

ClientSampleId :

092418-DBRI-E-U-B

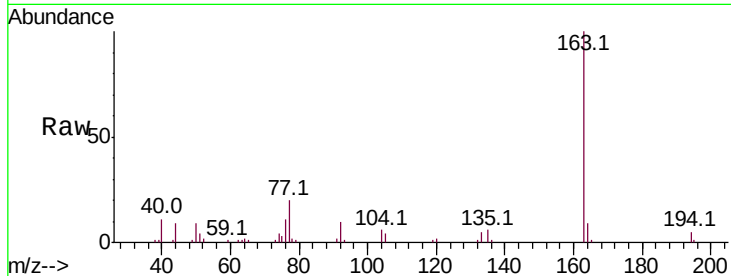
Tot Ion:163 Resp: 38757

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

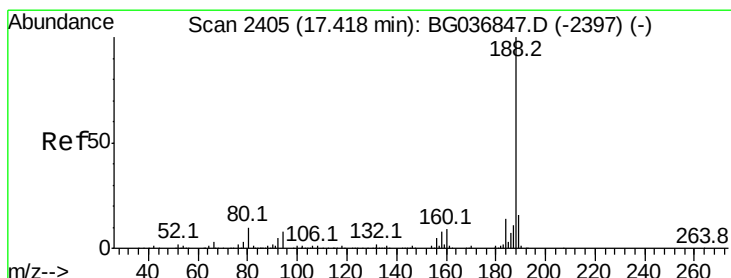
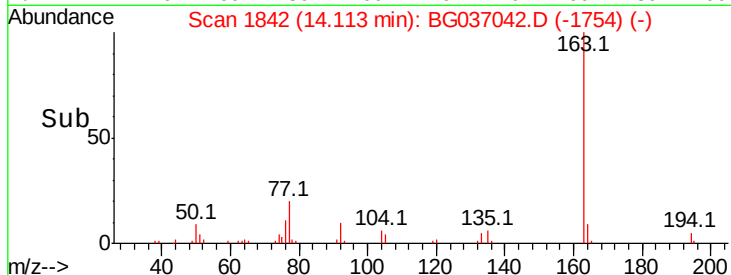
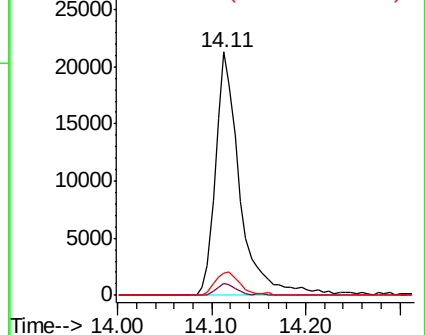
164 9.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG037042.D

Acq: 28 Sep 2018 9:33

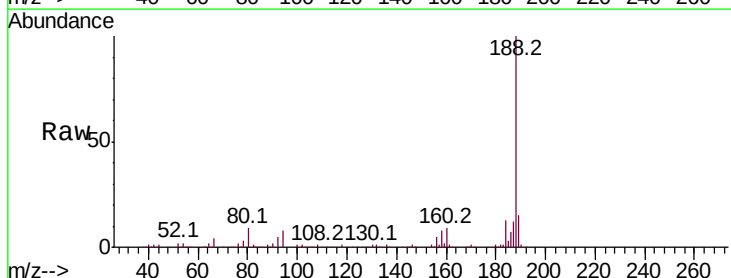
Tgt Ion:188 Resp: 261787

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

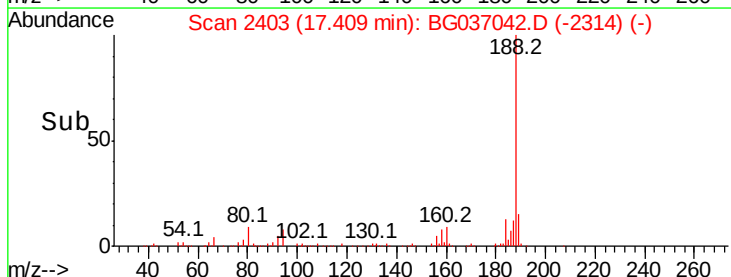
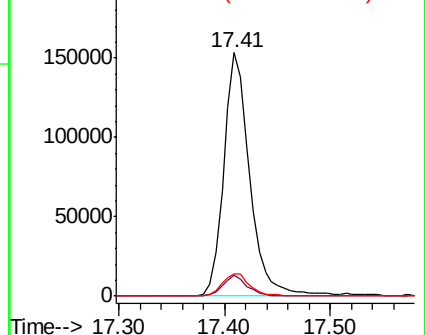
80 9.2 8.1 12.1

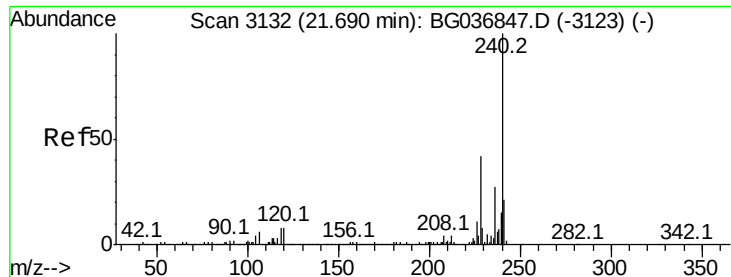


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037042.D

Acq: 28 Sep 2018 9:33

Instrument :

BNA_G

ClientSampleId :

092418-DBRI-E-U-B

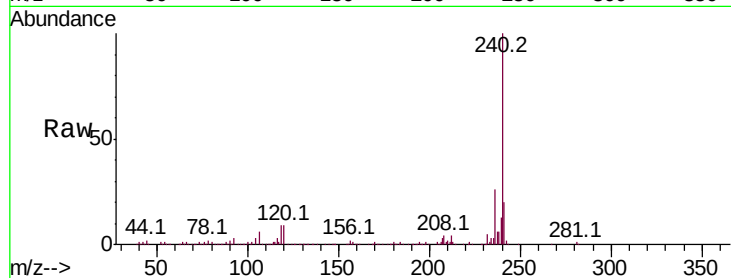
Tot Ion:240 Resp: 296858

Ion Ratio Lower Upper

240 100

120 9.0 6.9 10.3

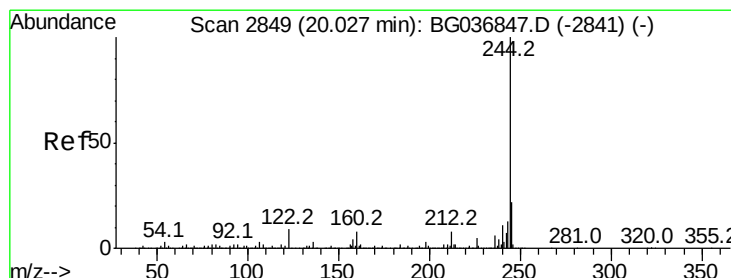
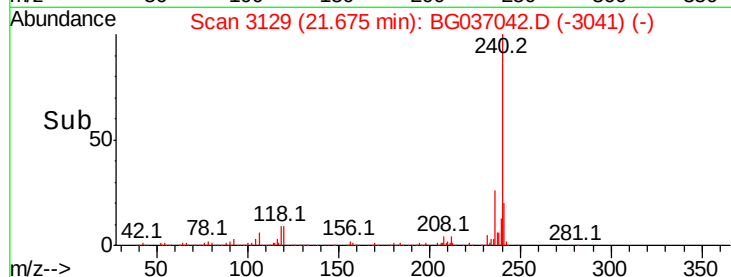
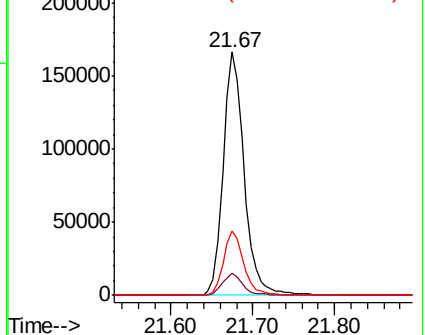
236 26.4 21.2 31.8



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: 111.270 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037042.D

Acq: 28 Sep 2018 9:33

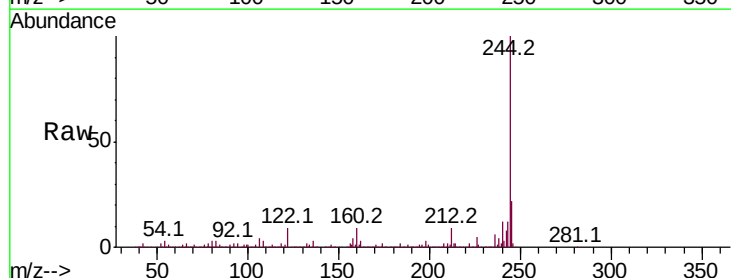
Tgt Ion:244 Resp: 1256186

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

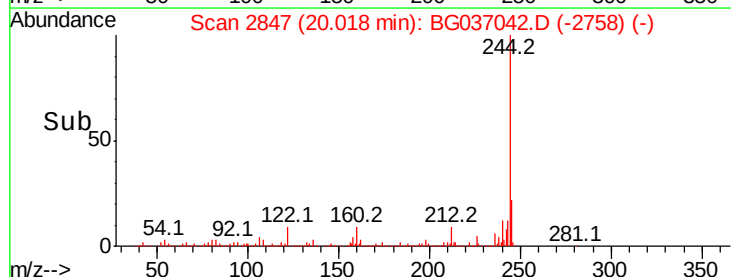
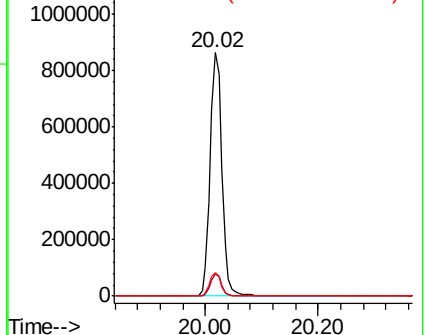
122 9.5 7.1 10.7

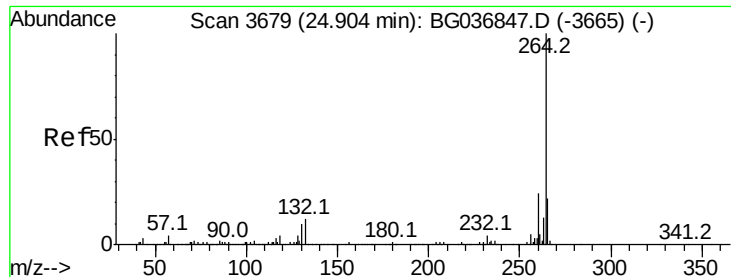


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037042.D
Acq: 28 Sep 2018 9:33

Instrument :
BNA_G
ClientSampleId :
092418-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	20.2	17.4	26.0

