

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037213.D
 Acq On : 6 Oct 2018 15:15
 Operator : JU/SJ
 Sample : J5264-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100318-DBRI-E-D-S

Quant Time: Oct 08 05:07:25 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

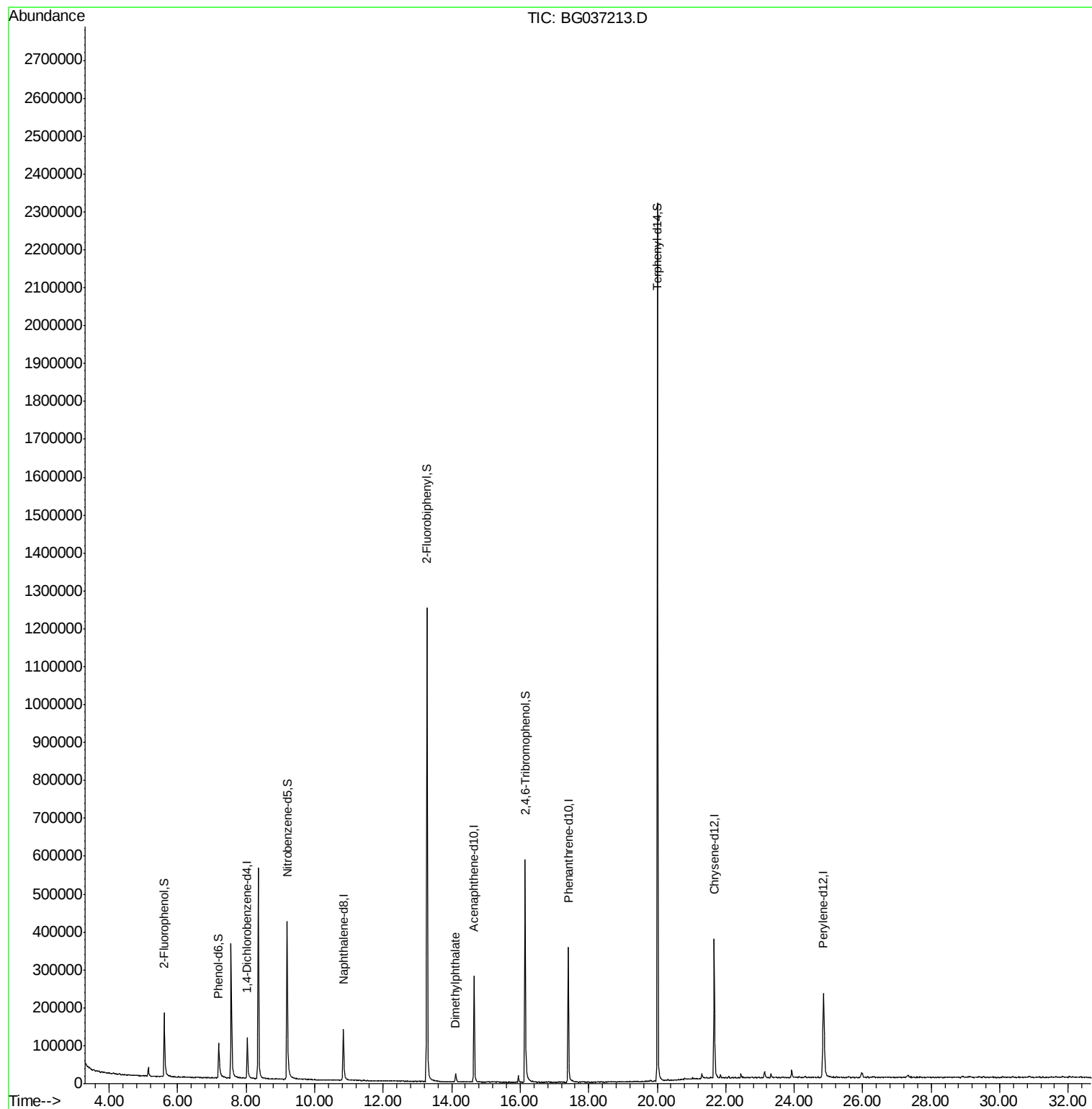
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	37613	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	153113	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	100655	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	257985	20.00	ng	-0.02
75) Chrysene-d12	21.66	240	267704	20.00	ng	-0.03
86) Perylene-d12	24.85	264	261986	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	94619	48.24	ng	-0.02
7) Phenol-d6	7.19	99	74879	24.68	ng	-0.02
23) Nitrobenzene-d5	9.19	82	327430	114.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	122006	101.31	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	708966	104.91	ng	-0.02
78) Terphenyl-d14	20.01	244	1171397	115.06	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.11	163	23901	2.950	ng	Qvalue 99

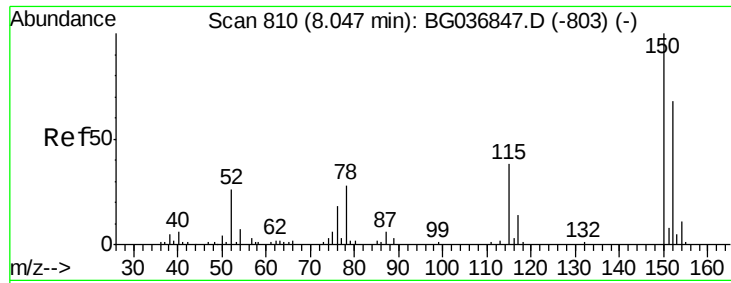
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG037213.D

Acq: 6 Oct 2018 15:15

Instrument :

BNA_G

ClientSampleId :

100318-DBRI-E-D-S

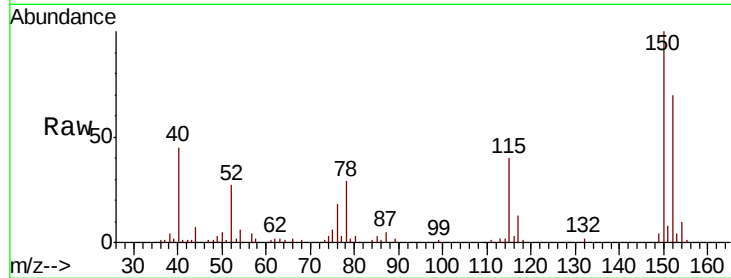
Tot Ion:152 Resp: 37613

Ion Ratio Lower Upper

152 100

150 143.3 119.5 179.3

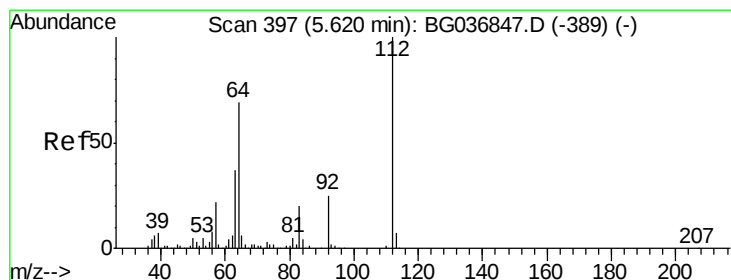
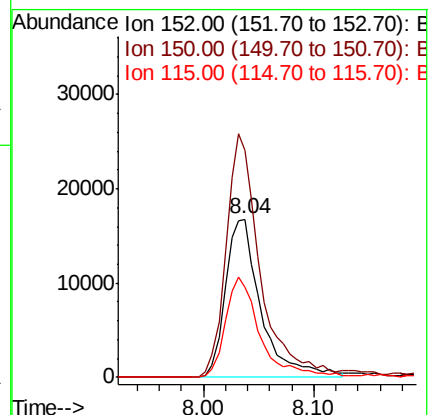
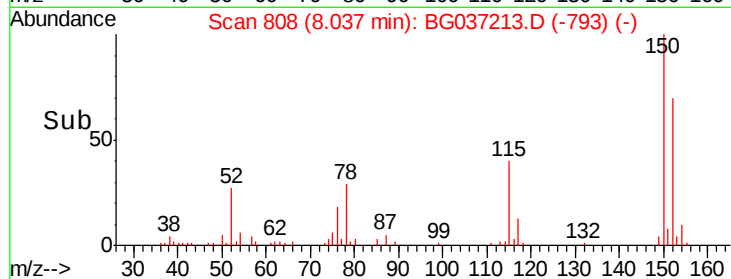
115 57.4 44.5 66.7



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: 48.244 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.02 min

Lab File: BG037213.D

Acq: 6 Oct 2018 15:15

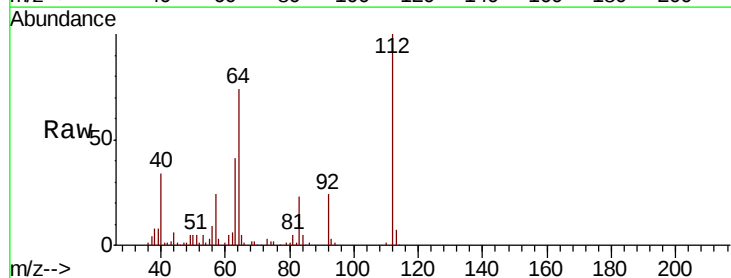
Tgt Ion:112 Resp: 94619

Ion Ratio Lower Upper

112 100

64 74.2 57.2 85.8

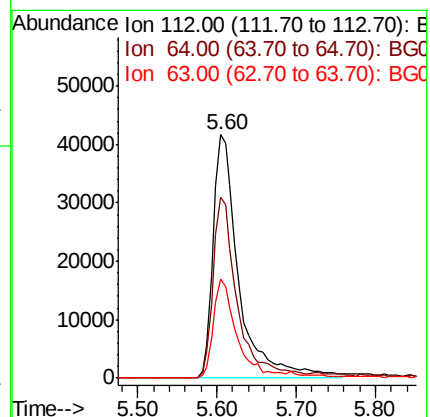
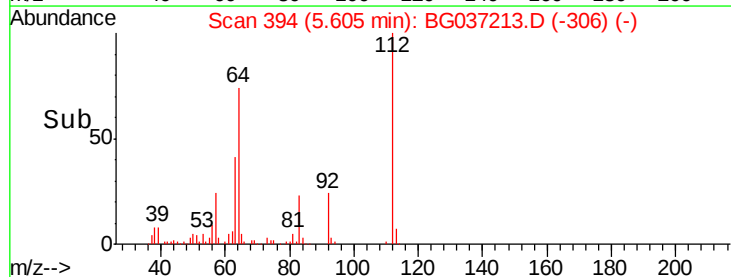
63 40.8 30.8 46.2



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: 24.676 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG037213.D

Acq: 6 Oct 2018 15:15

Instrument :

BNA_G

ClientSampleId :

100318-DBRI-E-D-S

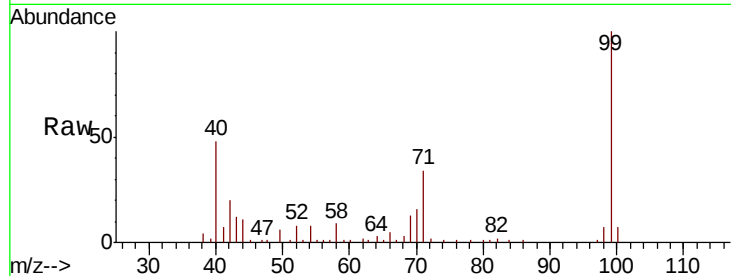
Tot Ion: 99 Resp: 74879

Ion Ratio Lower Upper

99 100

42 19.5 16.5 24.7

71 33.5 29.4 44.2

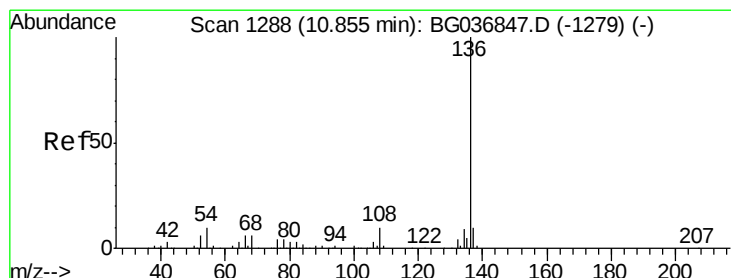
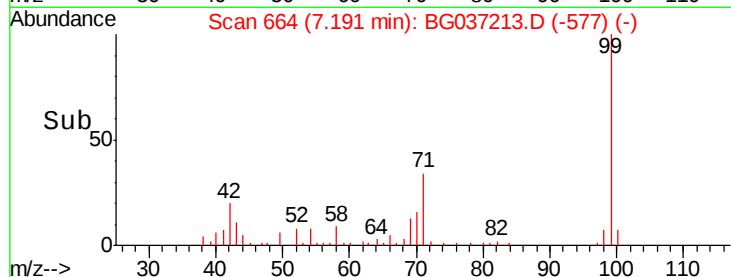
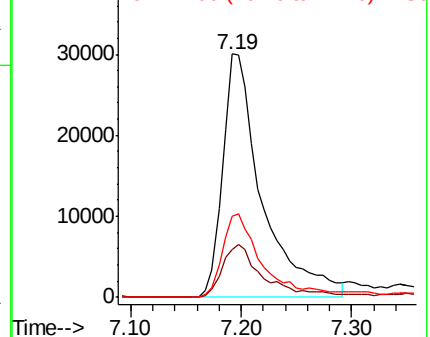


Abundance

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: BG037213.D

Acq: 6 Oct 2018 15:15

Tgt Ion: 136 Resp: 153113

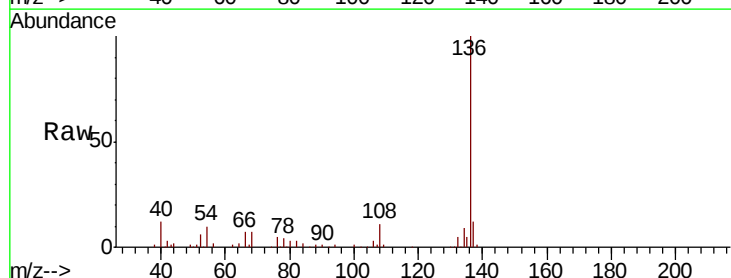
Ion Ratio Lower Upper

136 100

137 11.9 8.8 13.2

54 10.1 9.2 13.8

68 7.2 5.8 8.6



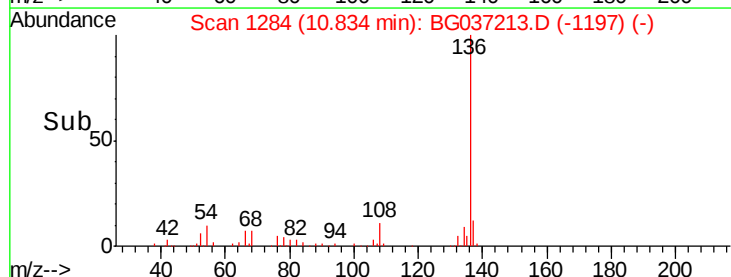
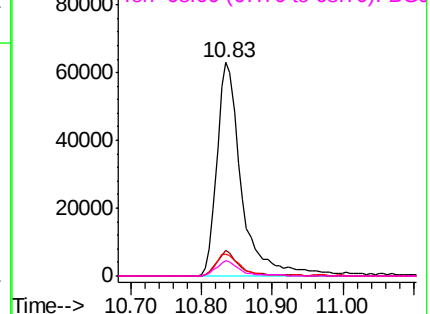
Abundance

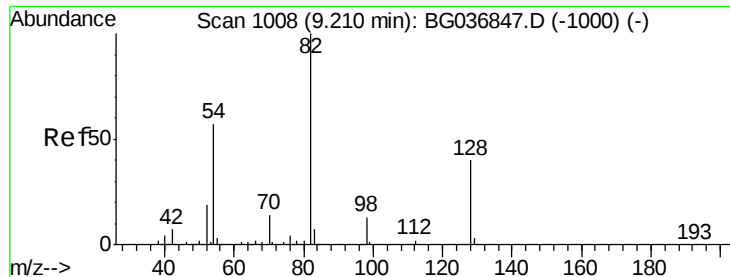
Ion 136.00 (135.70 to 136.70): BGC

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

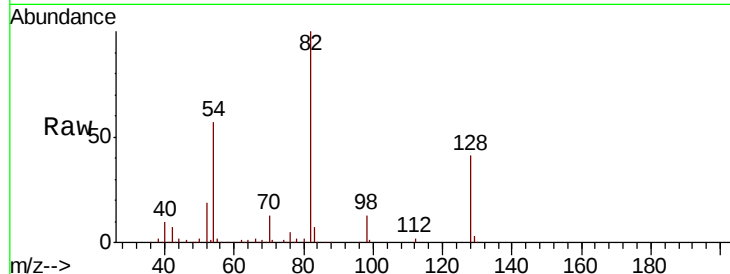




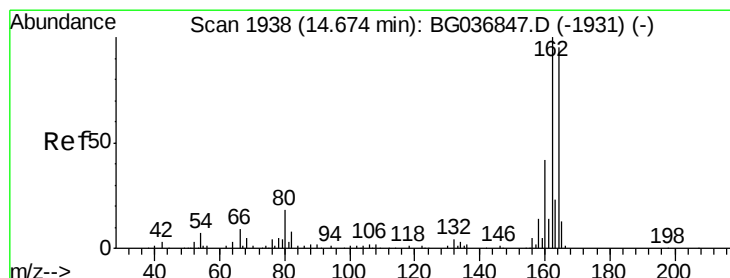
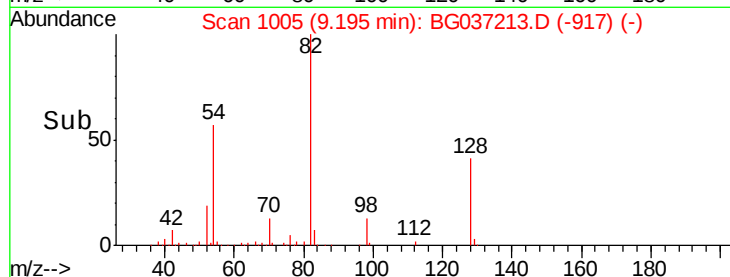
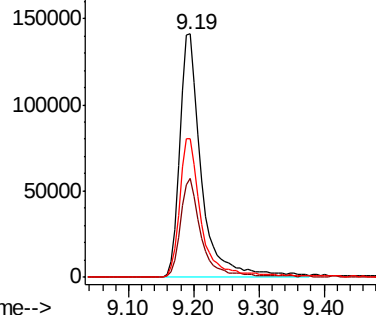
#23
 Nitrobenzene-d5
 Concen: 114.518 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BG037213.D
 Acq: 6 Oct 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 100318-DBRI-E-D-S

Tot Ion	82	Resp	327430
Ion Ratio	Lower	Upper	
82	100		
128	40.8	33.3	49.9
54	56.9	45.1	67.7

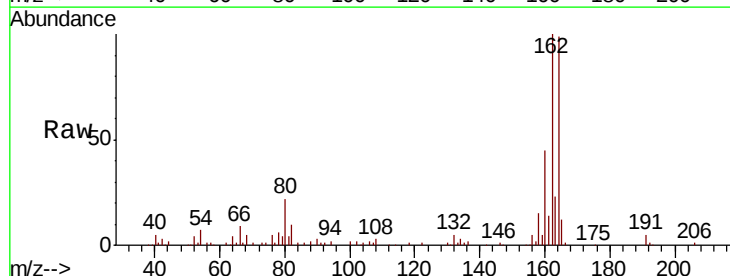


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

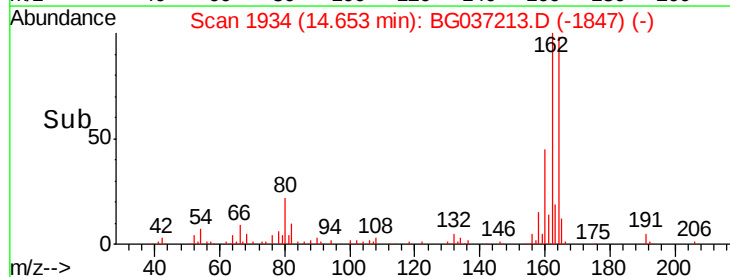
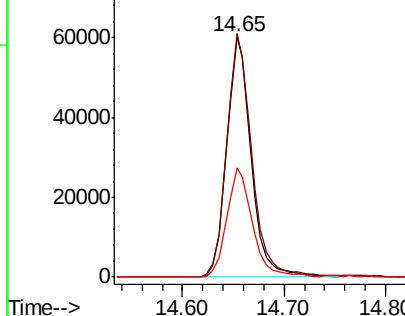


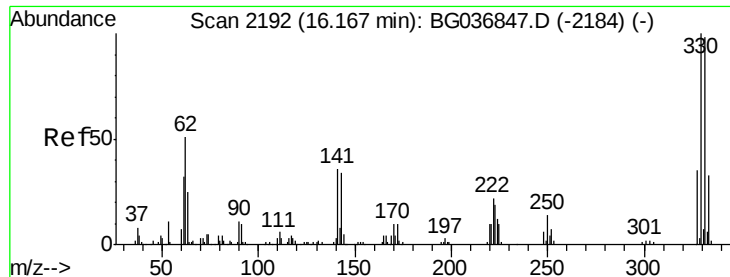
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.02 min
 Lab File: BG037213.D
 Acq: 6 Oct 2018 15:15

Tgt Ion	164	Resp	100655
Ion Ratio	Lower	Upper	
164	100		
162	101.4	80.7	121.1
160	45.6	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

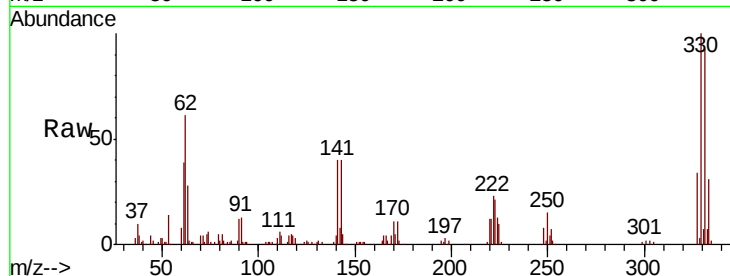




#41
 2,4,6-Tribromophenol
 Concen: 101.311 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037213.D
 Acq: 6 Oct 2018 15:15

Instrument :
 BNA_G
 ClientSampleId :
 100318-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	41.4	30.7	46.1

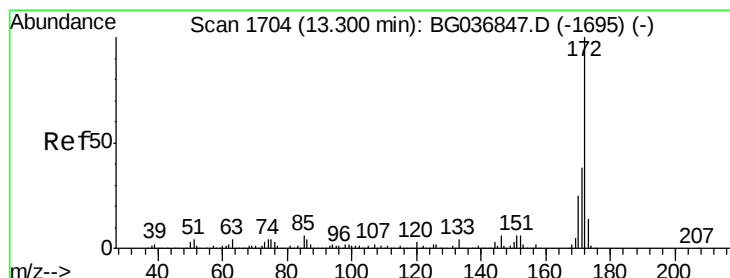
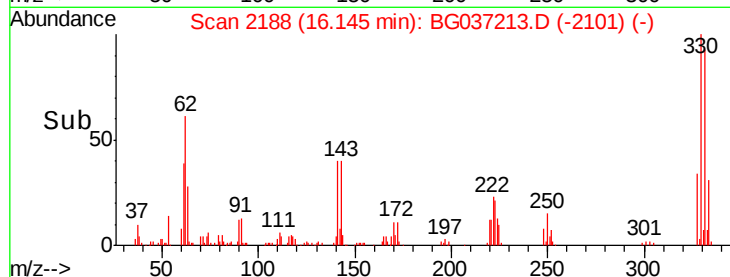
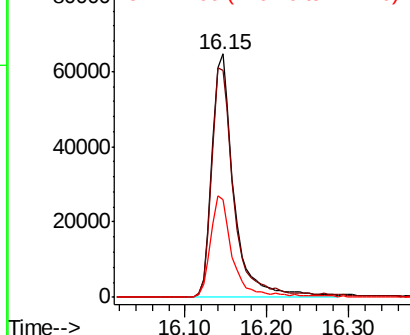


Abundance

Ion 329.80 (329.50 to 330.50): E

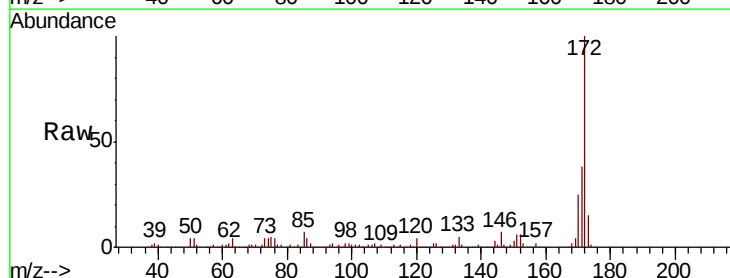
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.906 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037213.D
 Acq: 6 Oct 2018 15:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.2	21.0	31.6

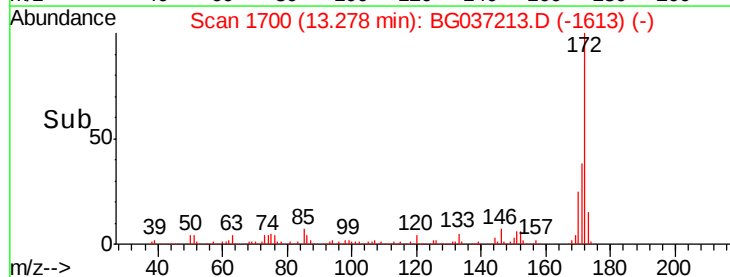
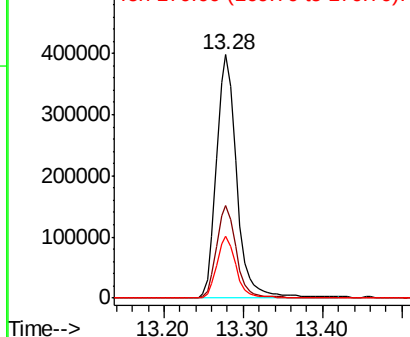


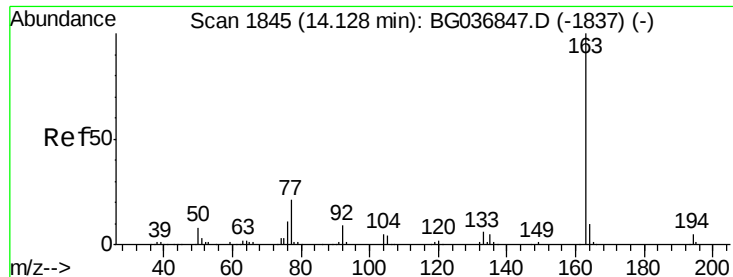
Abundance

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: 2.950 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG037213.D

Acq: 6 Oct 2018 15:15

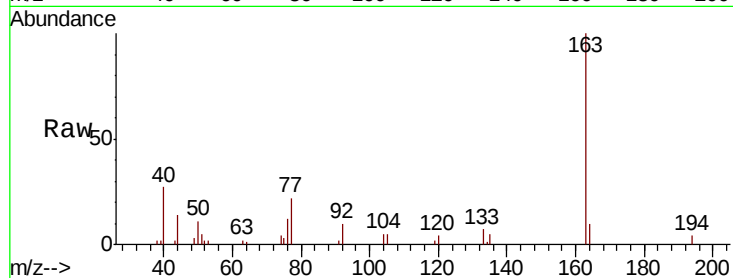
Instrument :

BNA_G

ClientSampleId :

100318-DBRI-E-D-S

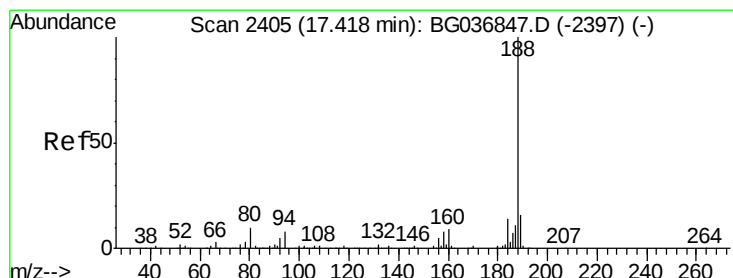
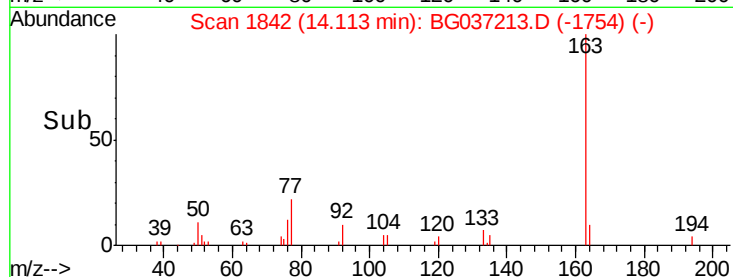
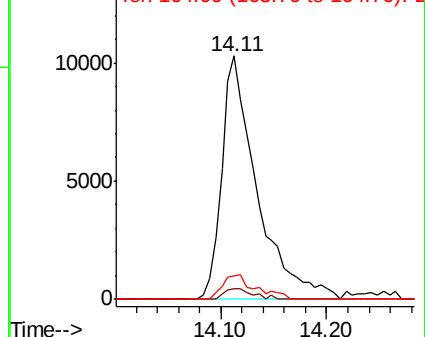
Tot Ion:163	Resp:	23901
Ion	Ratio	Lower Upper
163	100	
194	4.4	4.0 6.0
164	9.8	8.1 12.1



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

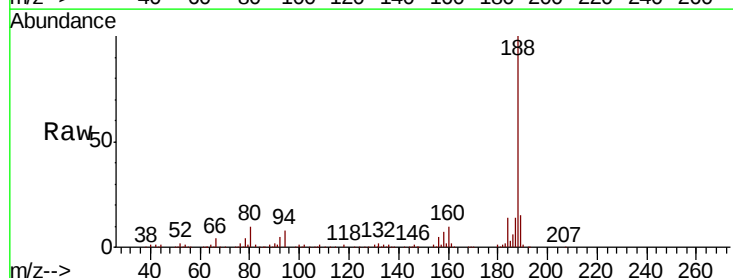
RT: 17.40 min Scan# 2402

Delta R.T. -0.02 min

Lab File: BG037213.D

Acq: 6 Oct 2018 15:15

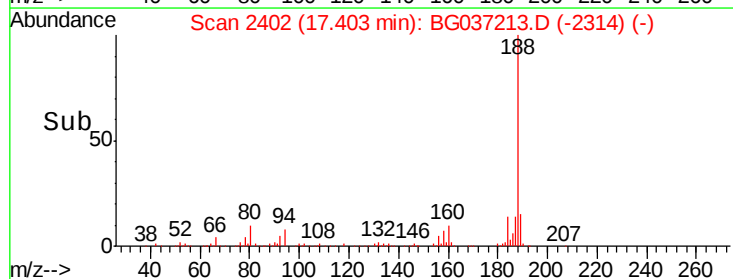
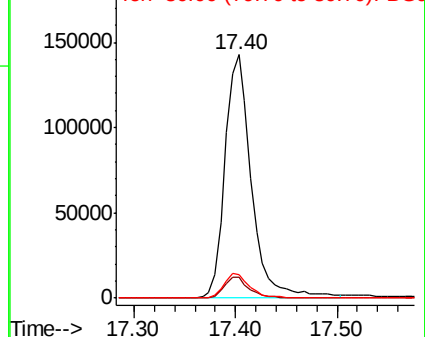
Tgt Ion:188	Resp:	257985
Ion	Ratio	Lower Upper
188	100	
94	8.4	6.7 10.1
80	9.8	8.1 12.1

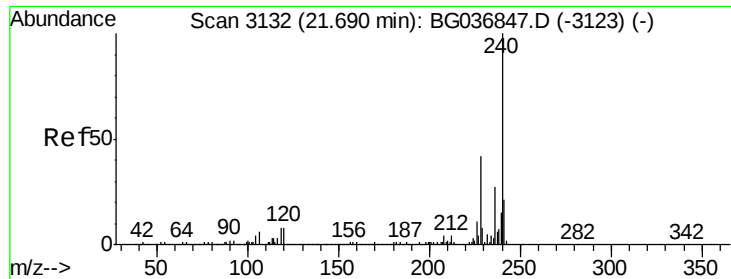


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.66 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BG037213.D

Acq: 6 Oct 2018 15:15

Instrument :

BNA_G

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100318-DBRI-E-D-S

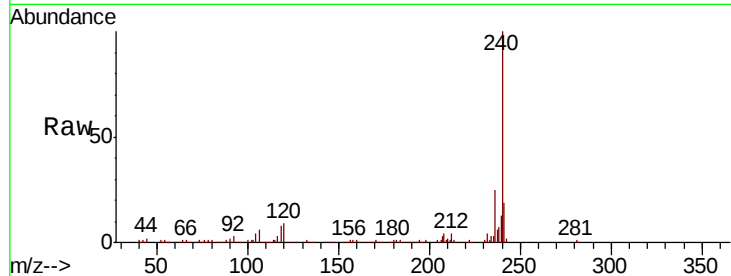
Tot Ion:240 Resp: 267704

Ion Ratio Lower Upper

240 100

120 9.1 6.9 10.3

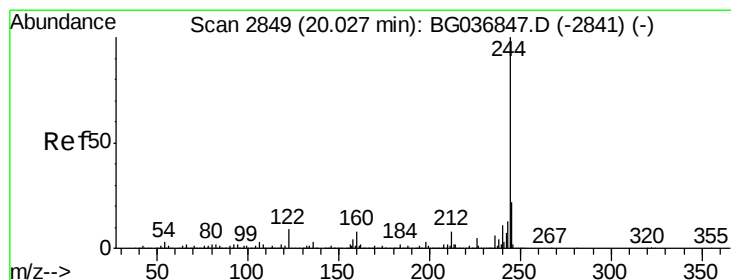
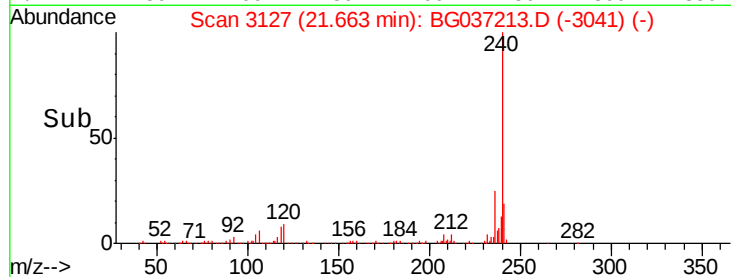
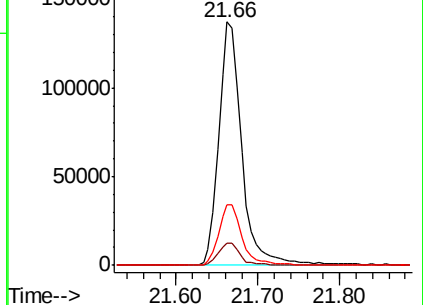
236 24.7 21.2 31.8



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: 115.059 ng

RT: 20.01 min Scan# 2845

Delta R.T. -0.02 min

Lab File: BG037213.D

Acq: 6 Oct 2018 15:15

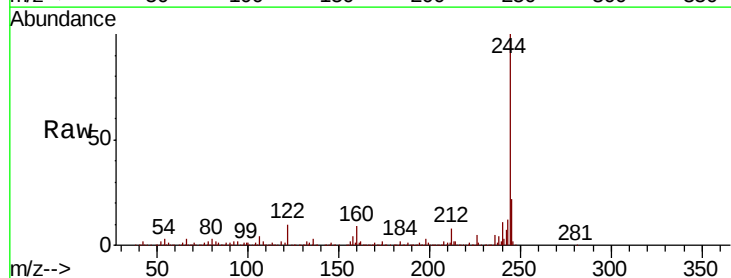
Tgt Ion:244 Resp: 1171397

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

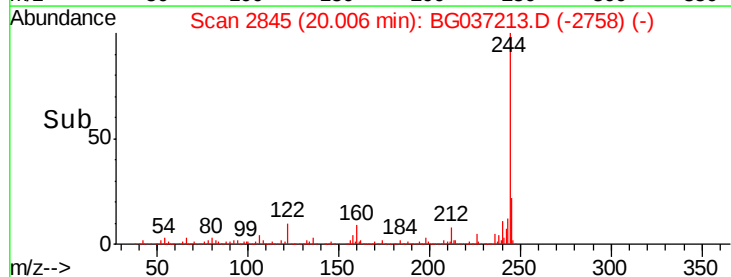
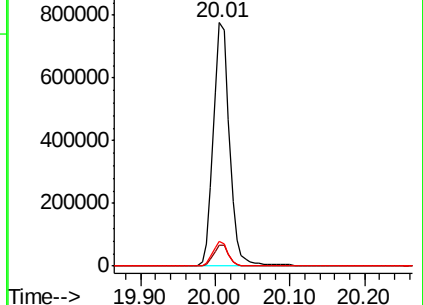
122 9.9 7.1 10.7

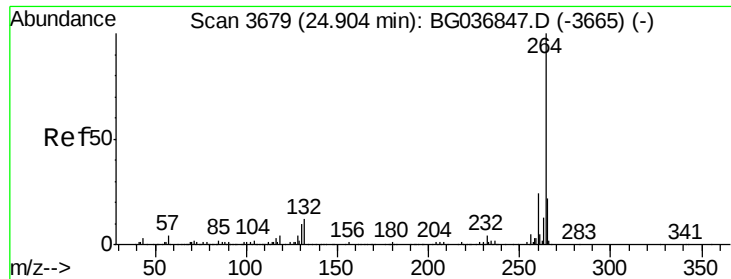


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3670
Delta R.T. -0.05 min
Lab File: BG037213.D
Acq: 6 Oct 2018 15:15

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.2	17.4	26.0

