

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037220.D
 Acq On : 6 Oct 2018 19:50
 Operator : JU/SJ
 Sample : J5264-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Oct 08 05:26:47 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

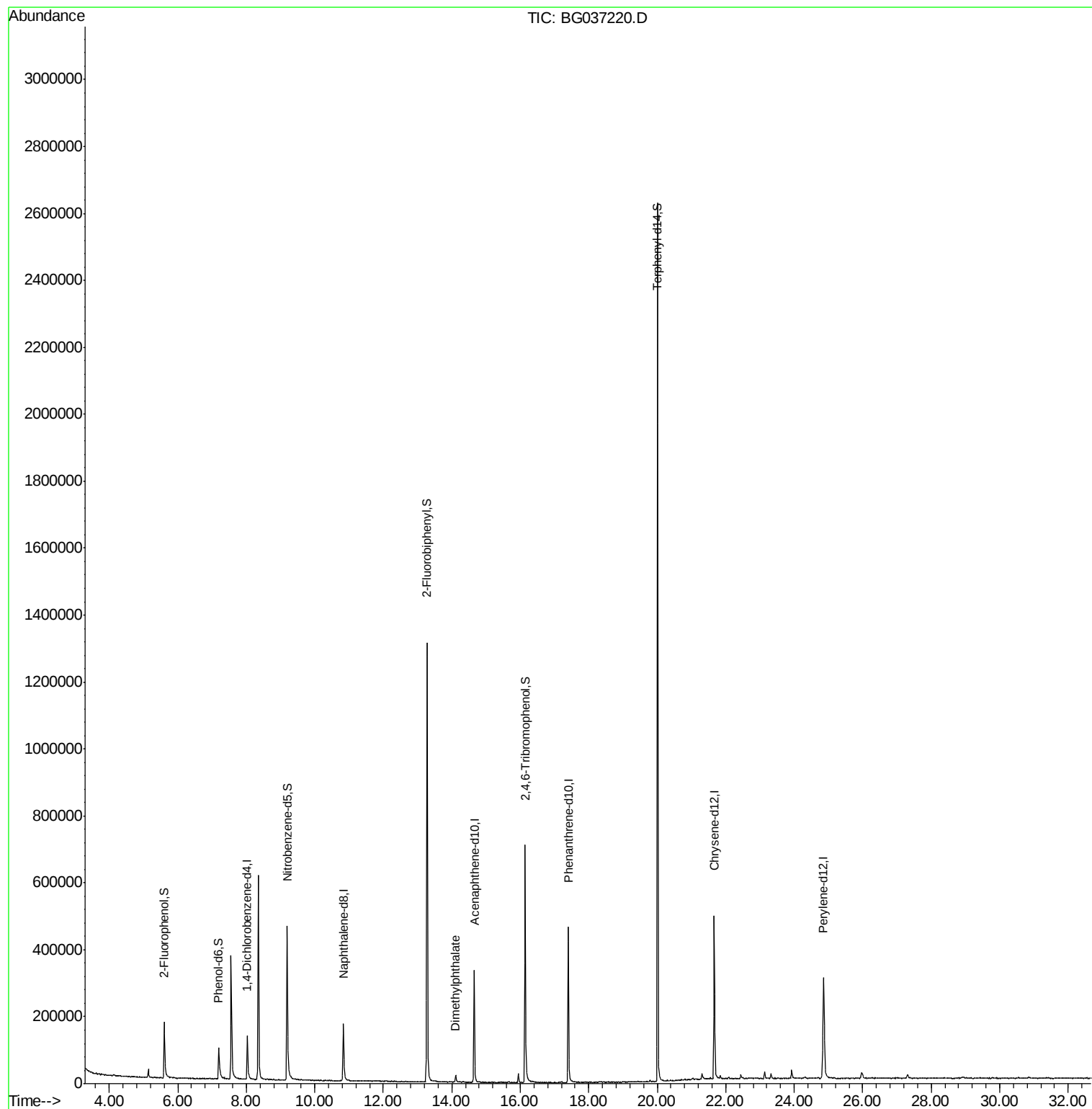
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44193	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	187932	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	121969	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	320359	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	334788	20.00	ng	-0.02
86) Perylene-d12	24.86	264	327350	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	93406	40.53	ng	-0.01
7) Phenol-d6	7.19	99	76707	21.52	ng	-0.02
23) Nitrobenzene-d5	9.19	82	348503	99.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	141087	96.68	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	761061	92.93	ng	-0.02
78) Terphenyl-d14	20.01	244	1267071	99.52	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.11	163	21936	2.234	ng	98

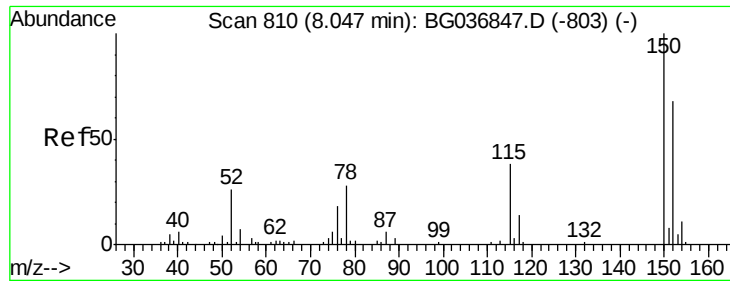
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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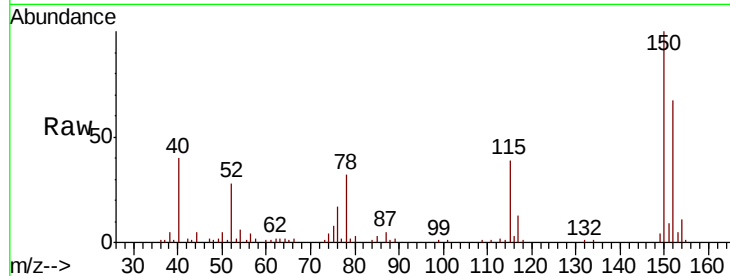


#1

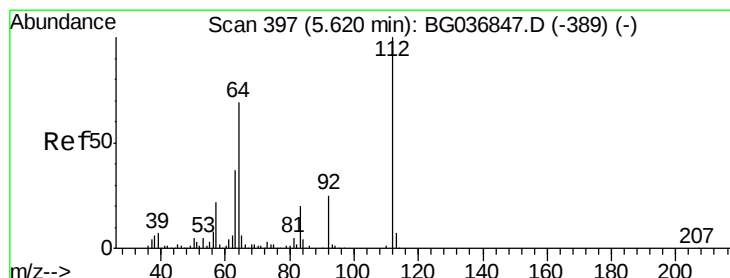
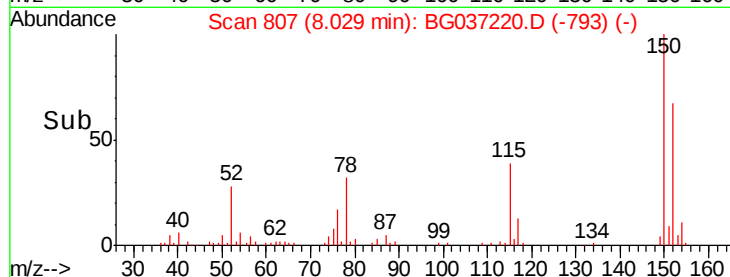
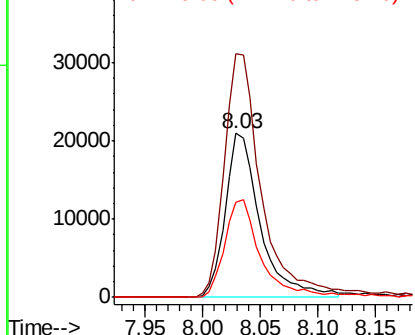
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037220.D
Acq: 6 Oct 2018 19:50

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

Tot Ion:152 Resp: 44193
Ion Ratio Lower Upper
152 100
150 148.4 119.5 179.3
115 58.3 44.5 66.7



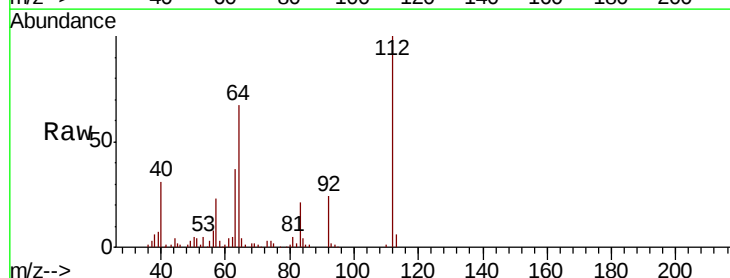
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



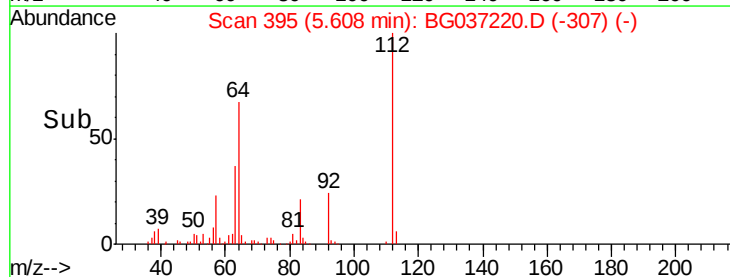
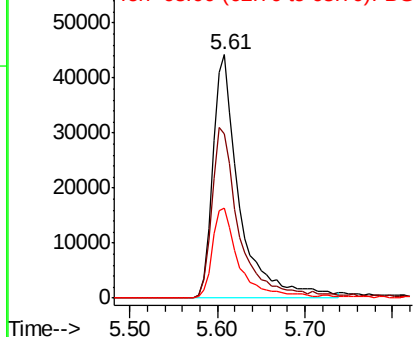
#5

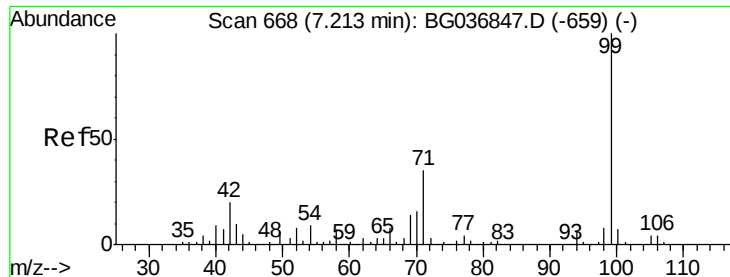
2-Fluorophenol
Concen: 40.534 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037220.D
Acq: 6 Oct 2018 19:50

Tgt Ion:112 Resp: 93406
Ion Ratio Lower Upper
112 100
64 67.4 57.2 85.8
63 37.0 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: 21.515 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037220.D

Acq: 6 Oct 2018 19:50

Instrument :

BNA_G

ClientSampleId :

100318-DBRI-E-D-B

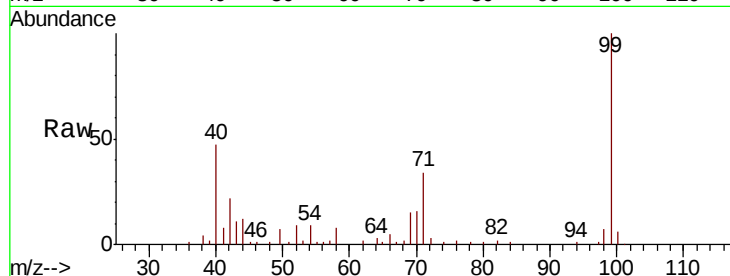
Tot Ion: 99 Resp: 76707

Ion Ratio Lower Upper

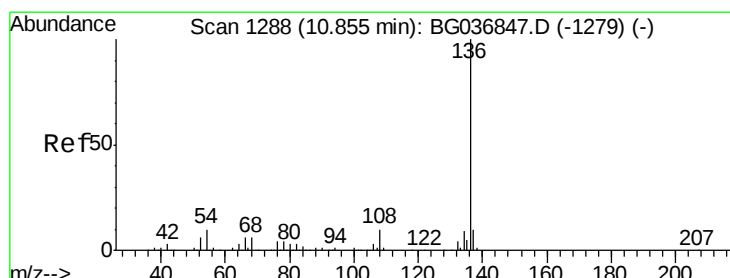
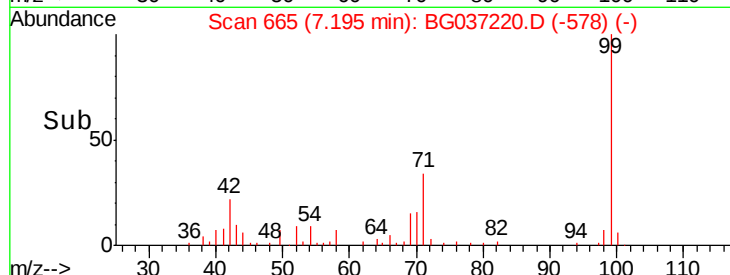
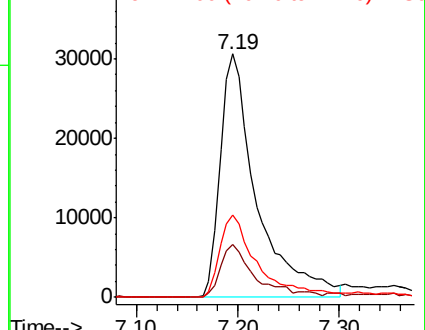
99 100

42 21.8 16.5 24.7

71 33.7 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# 1285

Delta R.T. -0.02 min

Lab File: BG037220.D

Acq: 6 Oct 2018 19:50

Tgt Ion: 136 Resp: 187932

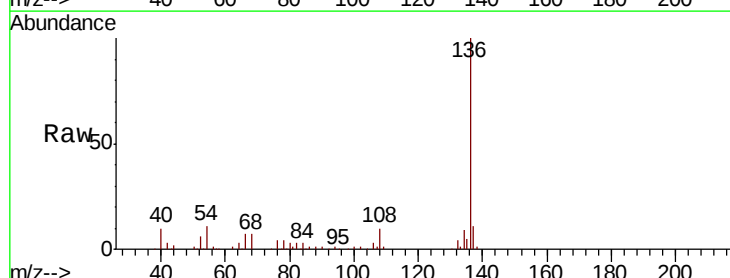
Ion Ratio Lower Upper

136 100

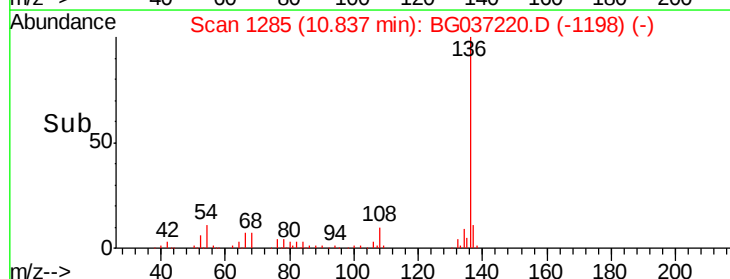
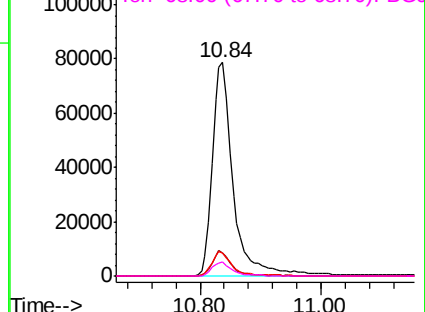
137 11.1 8.8 13.2

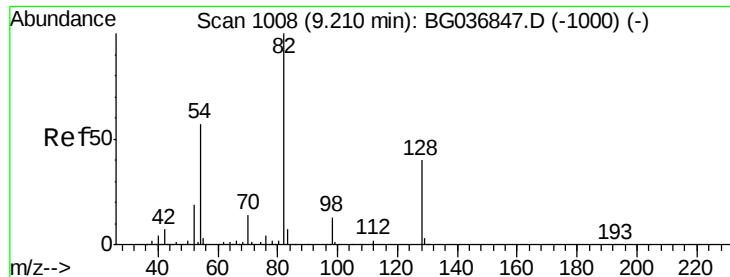
54 11.0 9.2 13.8

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

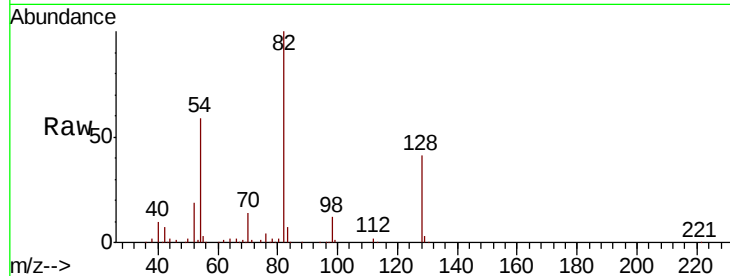




#23
Nitrobenzene-d5
Concen: 99.306 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037220.D
Acq: 6 Oct 2018 19:50

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

Tot Ion	82	Resp	348503
Ion Ratio	Lower	Upper	
82	100		
128	40.5	33.3	49.9
54	58.7	45.1	67.7

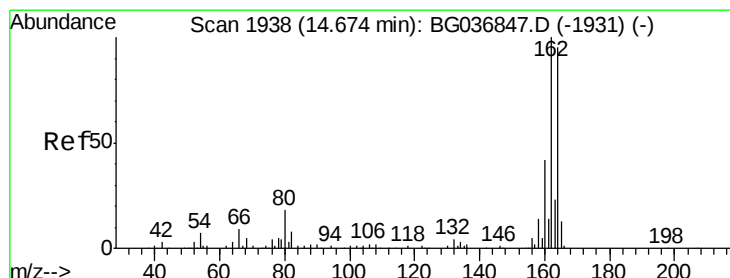
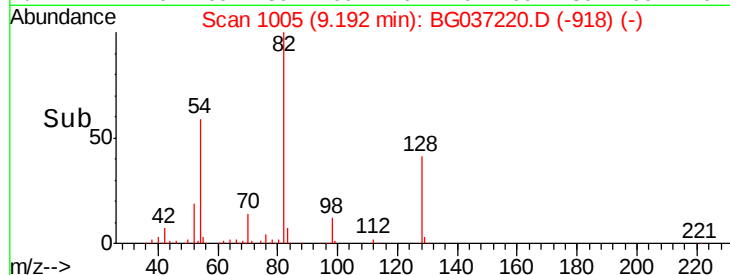
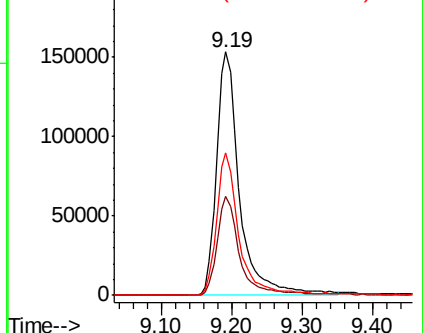


Abundance

Ion 82.00 (81.70 to 82.70): BGC

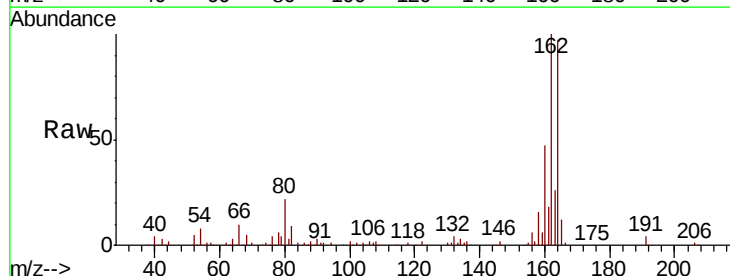
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037220.D
Acq: 6 Oct 2018 19:50

Tgt Ion	164	Resp	121969
Ion Ratio	Lower	Upper	
164	100		
162	102.9	80.7	121.1
160	47.9	35.3	52.9

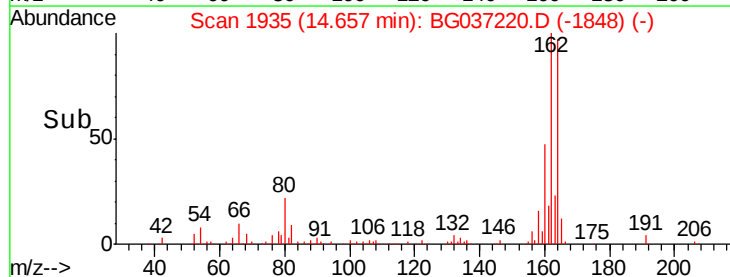
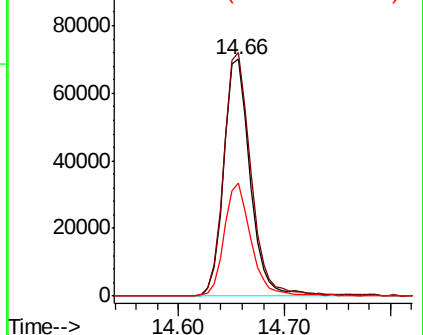


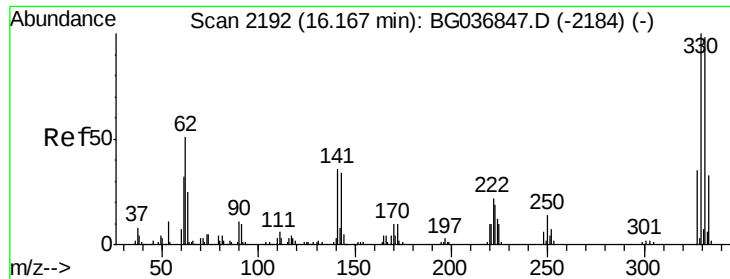
Abundance

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

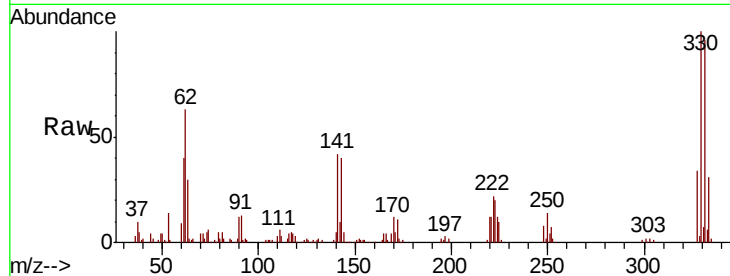




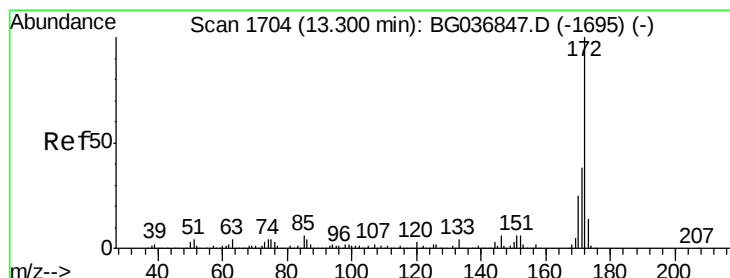
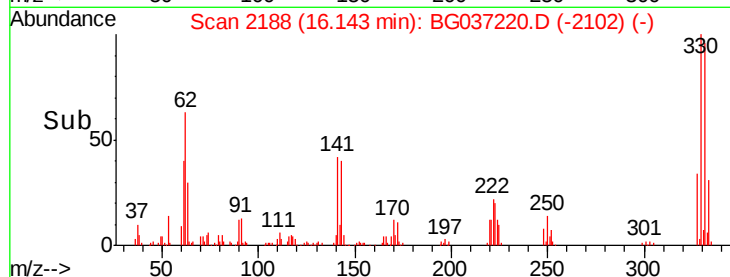
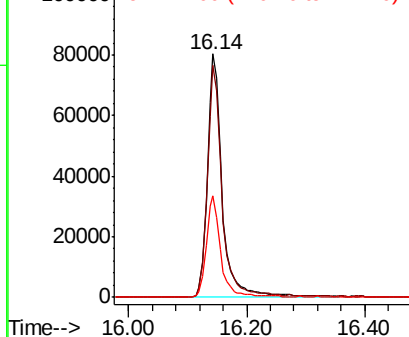
#41
 2,4,6-Tribromophenol
 Concen: 96.682 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037220.D
 Acq: 6 Oct 2018 19:50

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

Tot Ion:330 Resp: 141087
 Ion Ratio Lower Upper
 330 100
 332 93.2 75.4 113.2
 141 40.0 30.7 46.1

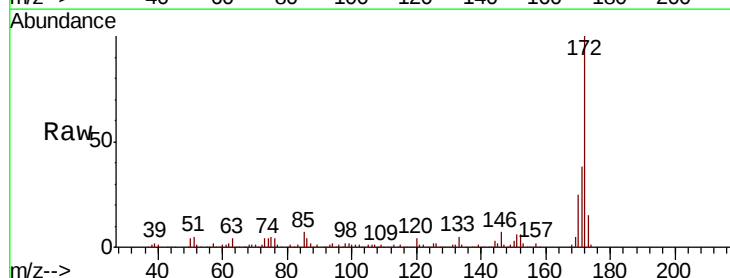


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

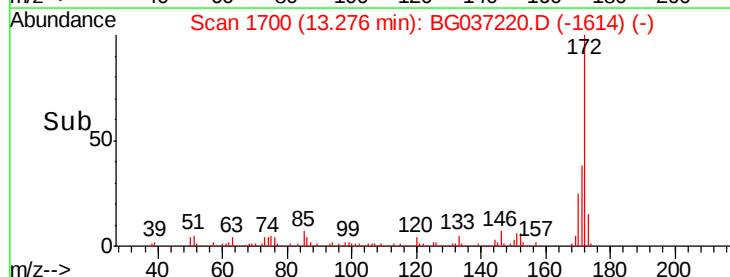
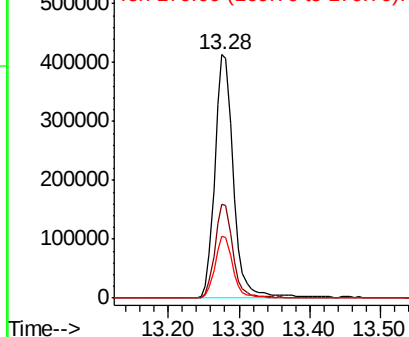


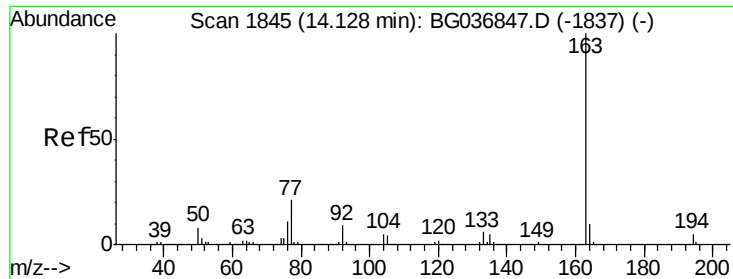
#44
 2-Fluorobiphenyl
 Concen: 92.935 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037220.D
 Acq: 6 Oct 2018 19:50

Tgt Ion:172 Resp: 761061
 Ion Ratio Lower Upper
 172 100
 171 38.5 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

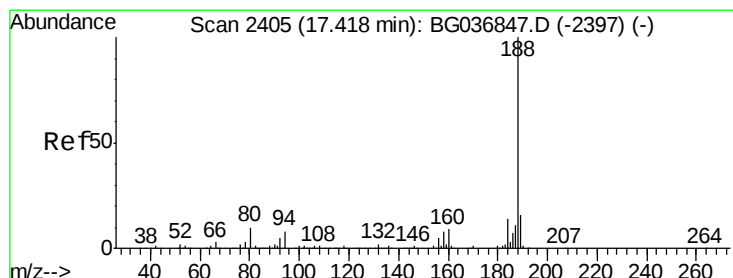
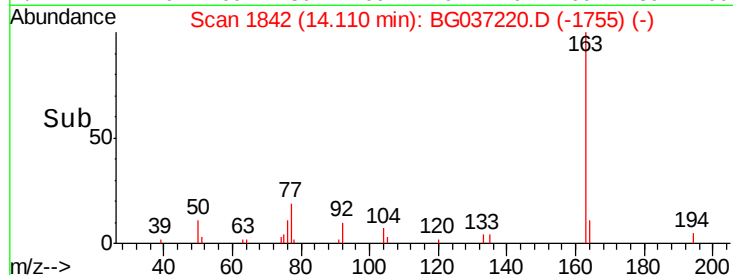
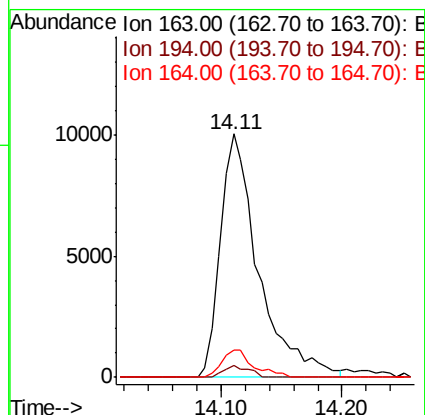
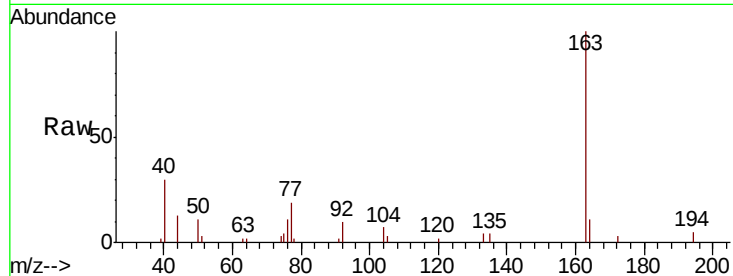




#49
Dimethylphthalate
Concen: 2.234 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037220.D
Acq: 6 Oct 2018 19:50

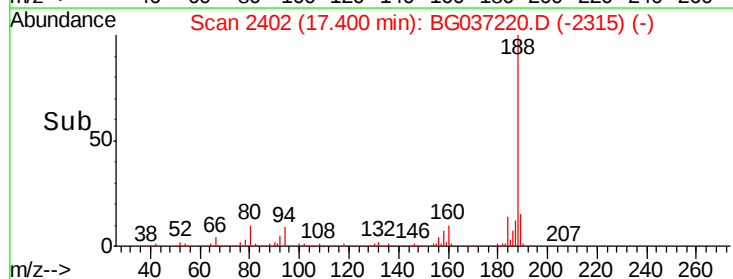
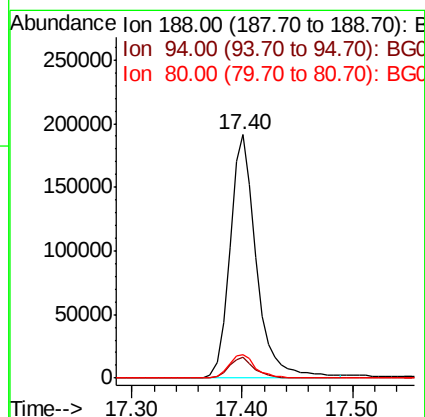
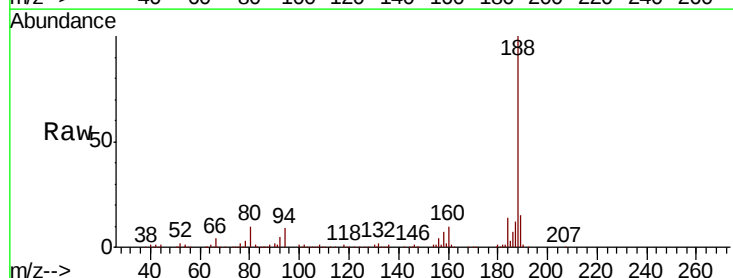
Instrument :
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100318-DBRI-E-D-B

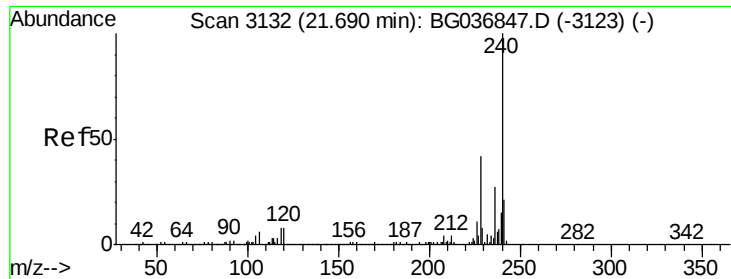
Tot Ion:163 Resp: 21936
Ion Ratio Lower Upper
163 100
194 4.8 4.0 6.0
164 11.2 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037220.D
Acq: 6 Oct 2018 19:50

Tgt Ion:188 Resp: 320359
Ion Ratio Lower Upper
188 100
94 8.6 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: BG037220.D

Acq: 6 Oct 2018 19:50

Instrument :

BNA_G

ClientSampleId :

100318-DBRI-E-D-B

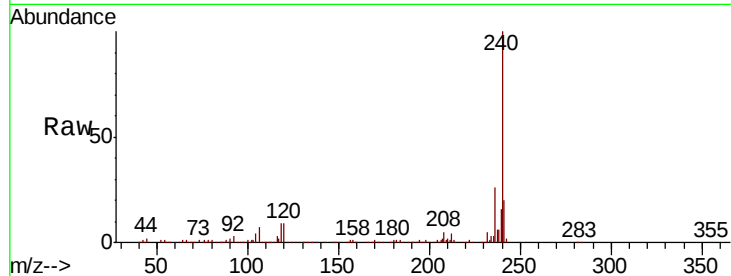
Tot Ion:240 Resp: 334788

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

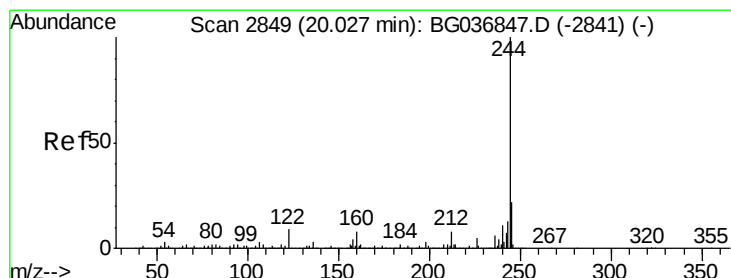
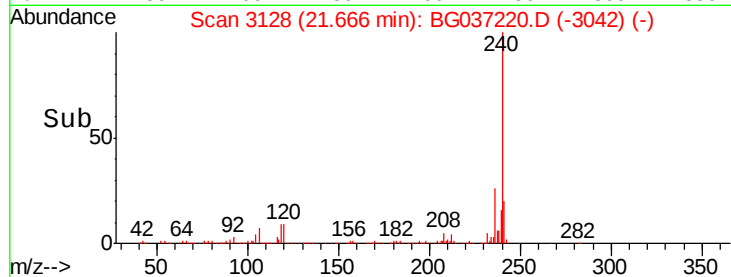
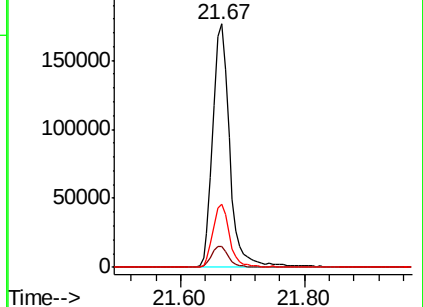
236 25.7 21.2 31.8



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: 99.518 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037220.D

Acq: 6 Oct 2018 19:50

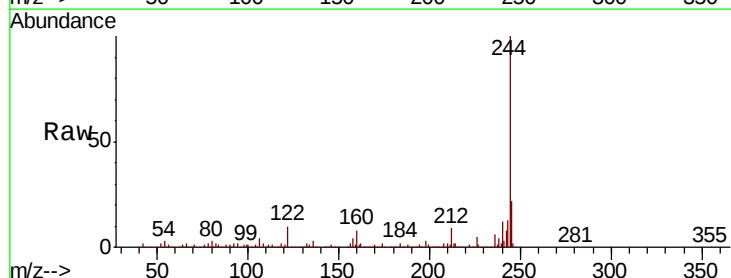
Tgt Ion:244 Resp: 1267071

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

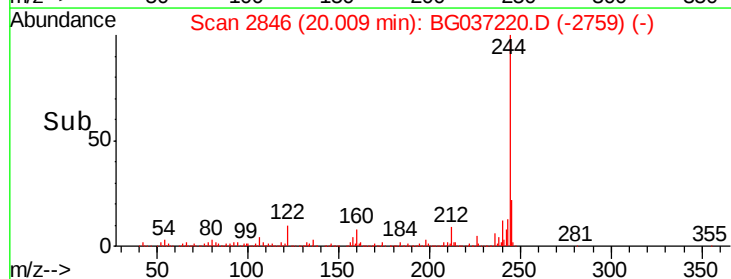
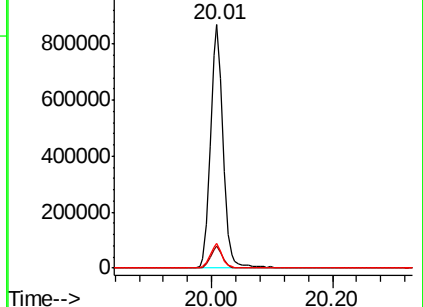
122 9.9 7.1 10.7

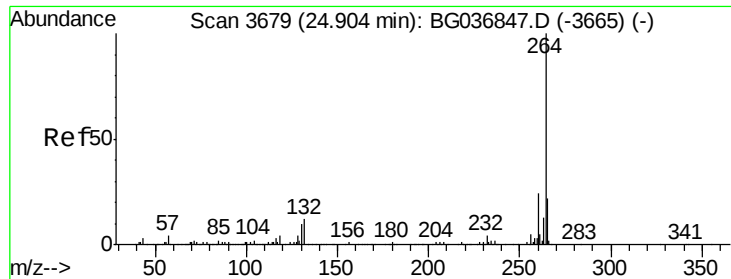


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.86 min Scan# 3671
Delta R.T. -0.05 min
Lab File: BG037220.D
Acq: 6 Oct 2018 19:50

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

Tot Ion:	264	Resp:	327350
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.6	17.4	26.0

