

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072318\
 Data File : BG035825.D
 Acq On : 23 Jul 2018 13:22
 Operator : JU/SJ
 Sample : PB111303BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111303BL

Quant Time: Jul 23 14:22:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32106	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	114561	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	87102	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	249463	20.00	ng	0.00
75) Chrysene-d12	21.66	240	306366	20.00	ng	0.00
86) Perylene-d12	24.86	264	282234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	260149	134.53	ng	0.00
7) Phenol-d6	7.19	99	369349	128.01	ng	0.00
23) Nitrobenzene-d5	9.19	82	230316	83.98	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	157745	137.40	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	570569	87.76	ng	0.00
78) Terphenyl-d14	20.00	244	1213428	87.31	ng	0.00

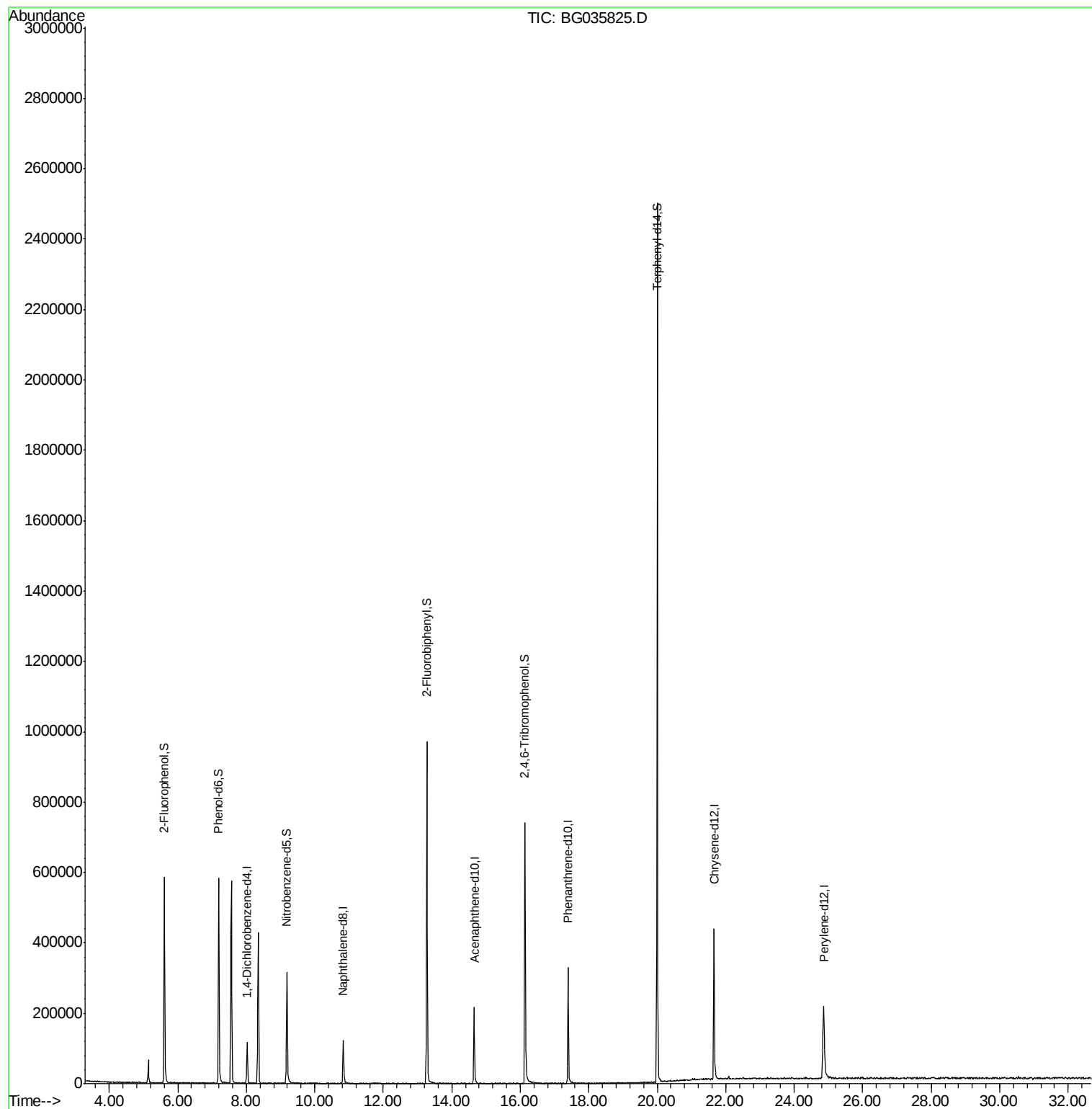
Target Compounds Qvalue

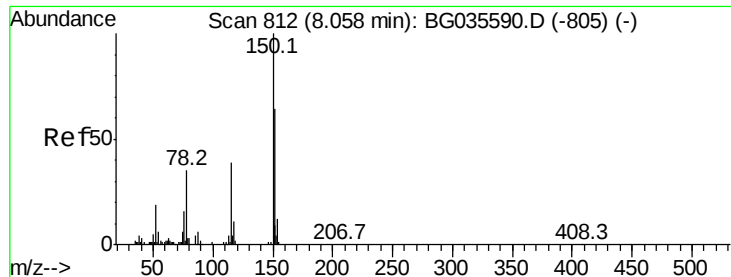
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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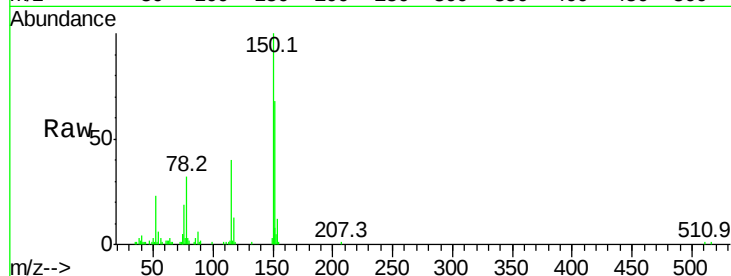


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BG035825.D
 Acq: 23 Jul 2018 13:22

Instrument :
 BNA_G
 ClientSampleId :
 PB111303BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.2	126.6	189.8
115	58.2	53.0	79.4

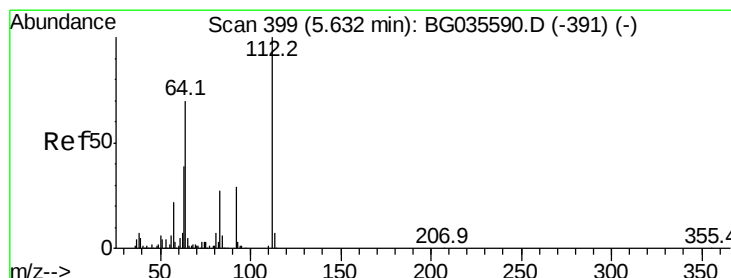
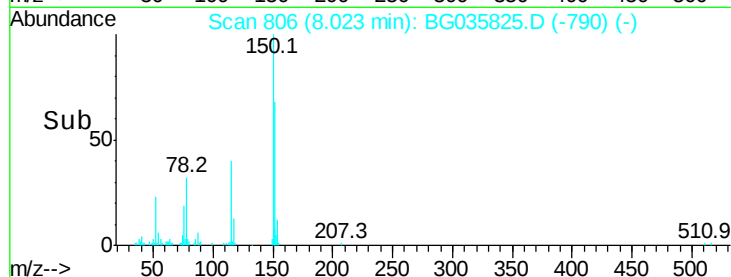
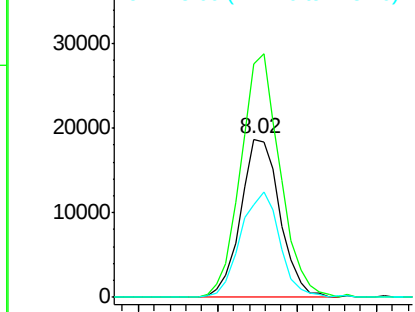


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

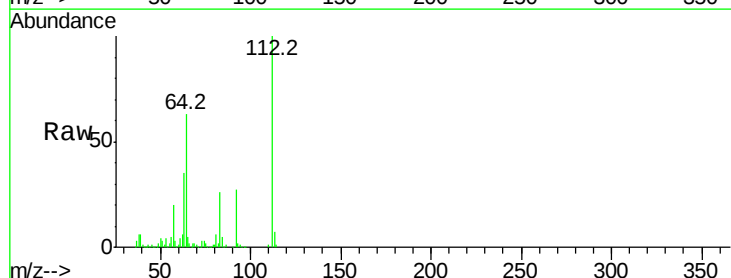
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 134.526 ng
 RT: 5.61 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BG035825.D
 Acq: 23 Jul 2018 13:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	56.3	84.5
63	35.1	30.1	45.1

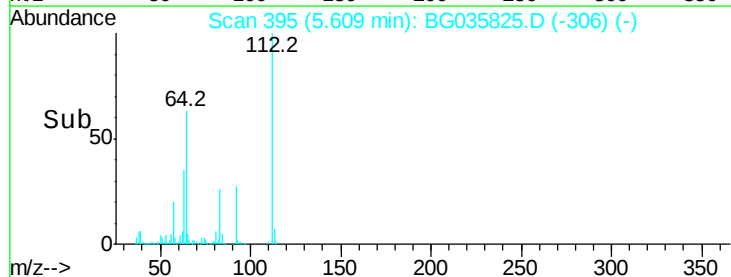
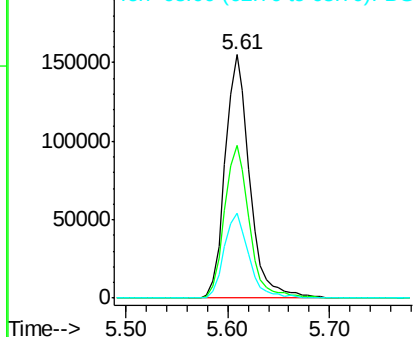


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.013 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035825.D

Acq: 23 Jul 2018 13:22

Instrument :

BNA_G

ClientSampleId :

PB111303BL

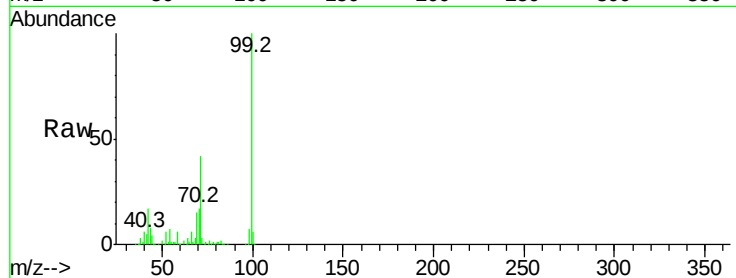
Tot Ion: 99 Resp: 369349

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

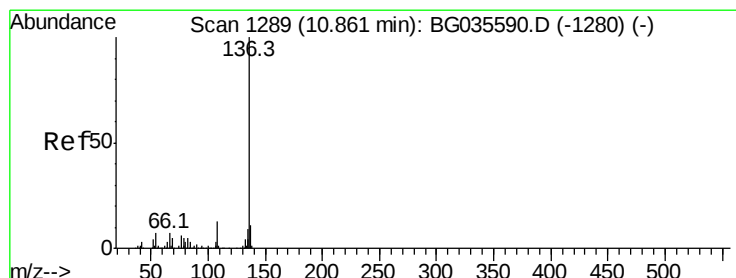
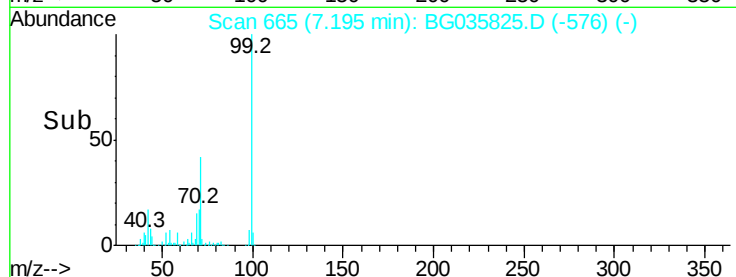
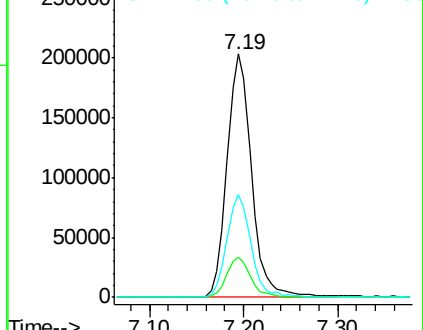
71 42.1 26.1 39.1#



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. 0.00 min

Lab File: BG035825.D

Acq: 23 Jul 2018 13:22

Tgt Ion:136 Resp: 114561

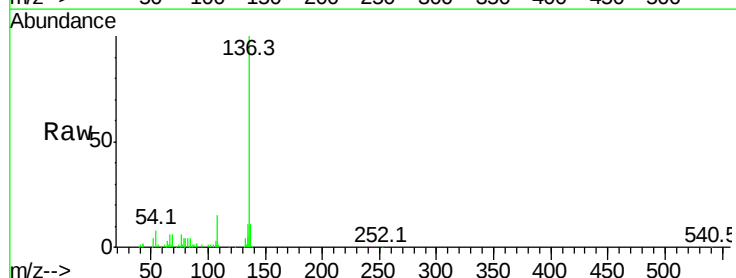
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 7.7 10.3 15.5#

68 6.4 4.5 6.7

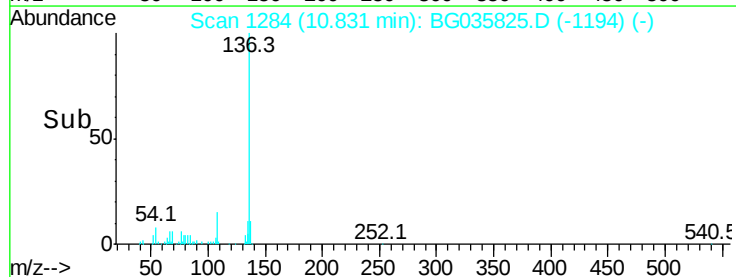
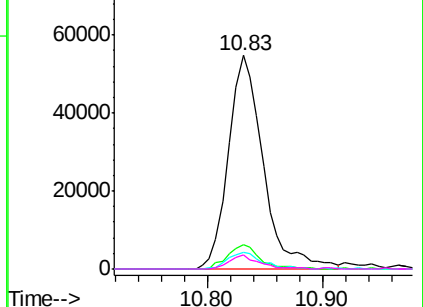


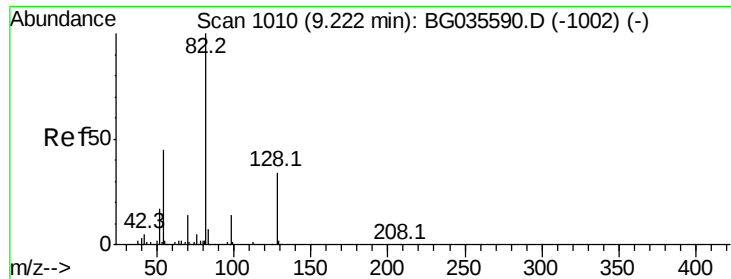
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

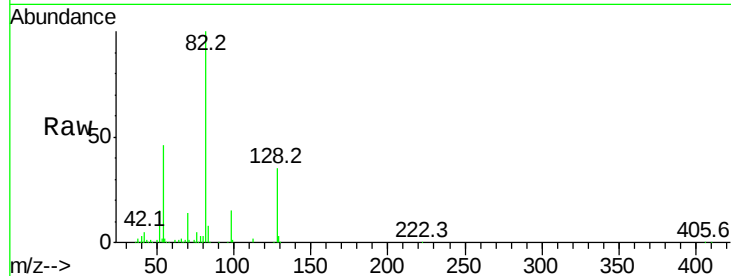




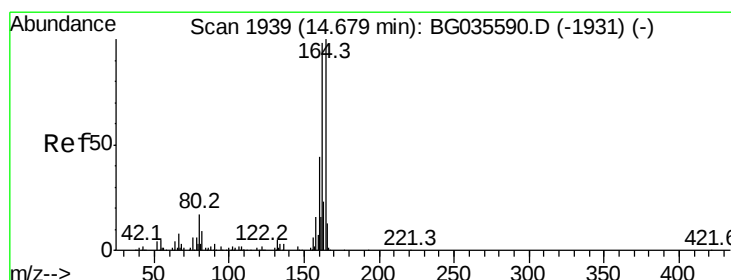
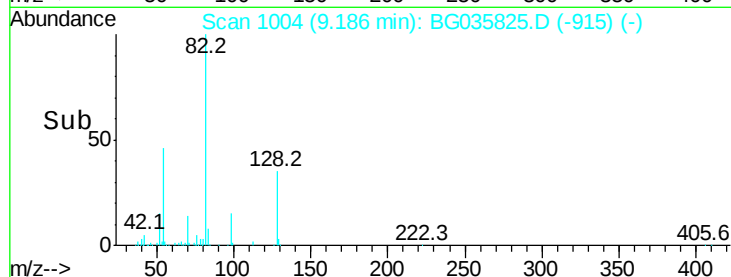
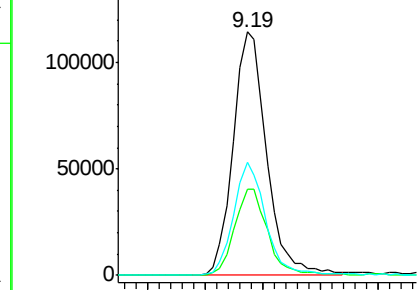
#23
Nitrobenzene-d5
Concen: 83.985 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG035825.D
Acq: 23 Jul 2018 13:22

Instrument :
BNA_G
ClientSampleId :
PB111303BL

Tot Ion	82	Resp	230316
Ion Ratio	100	Lower	Upper
128	35.4	29.7	44.5
54	46.4	43.1	64.7

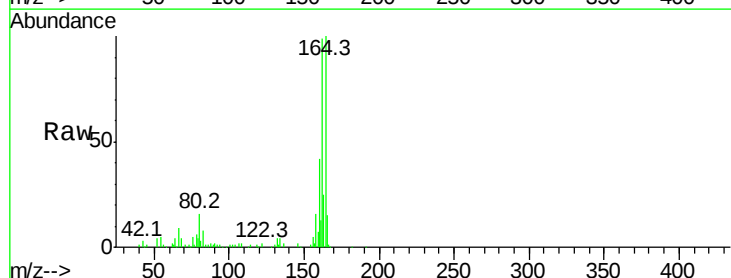


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

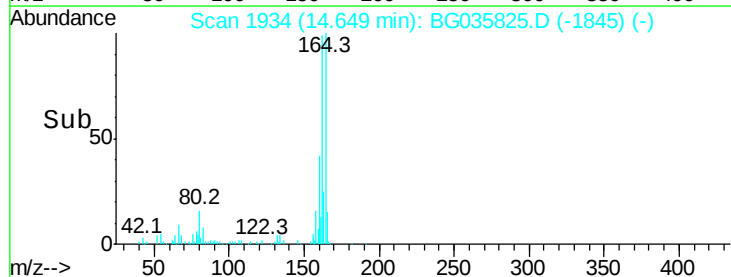
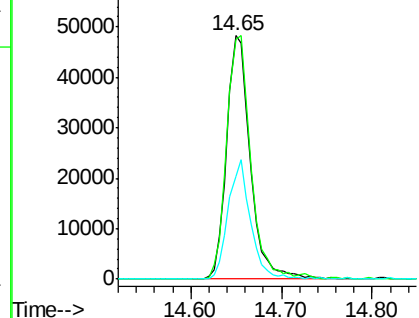


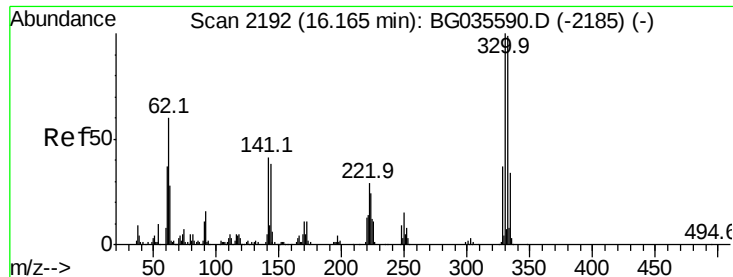
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG035825.D
Acq: 23 Jul 2018 13:22

Tgt Ion	164	Resp	87102
Ion Ratio	100	Lower	Upper
162	98.7	78.8	118.2
160	42.3	35.4	53.0



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

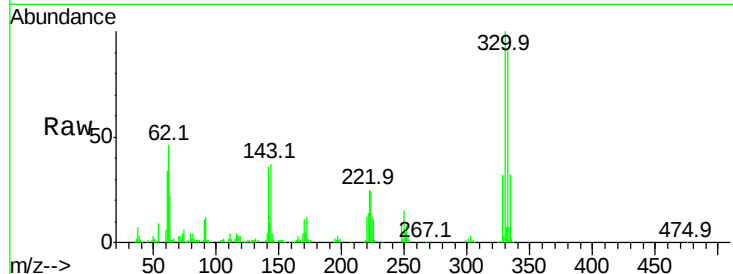




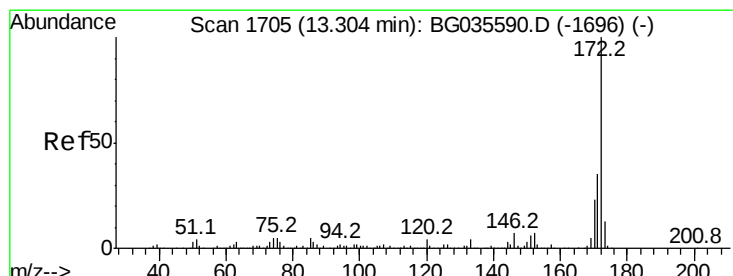
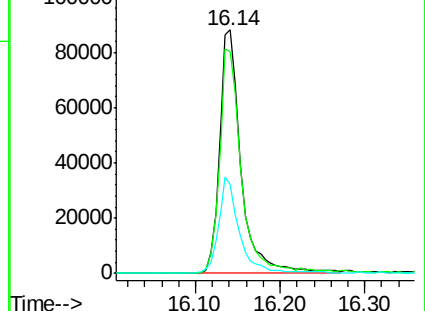
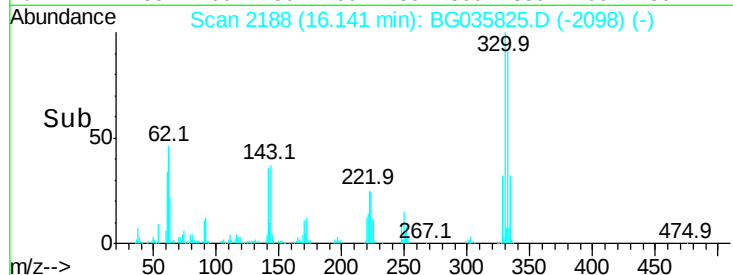
#41
 2,4,6-Tribromophenol
 Concen: 137.401 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035825.D
 Acq: 23 Jul 2018 13:22

Instrument :
 BNA_G
 ClientSampleId :
 PB111303BL

Tot Ion:330 Resp: 157745
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 37.6 25.2 37.8

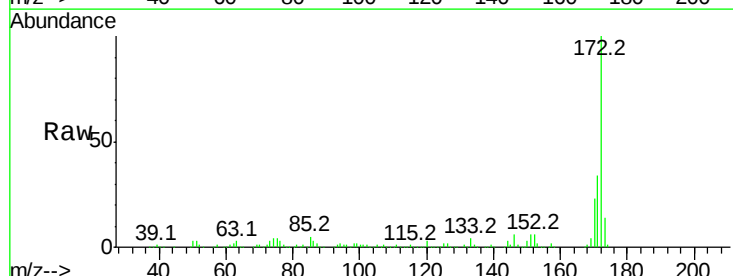


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

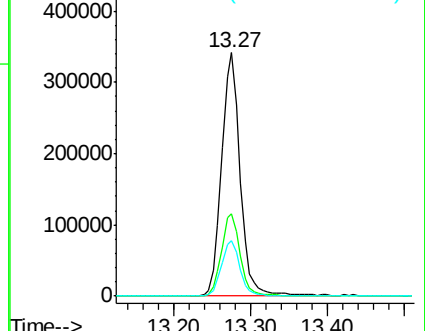
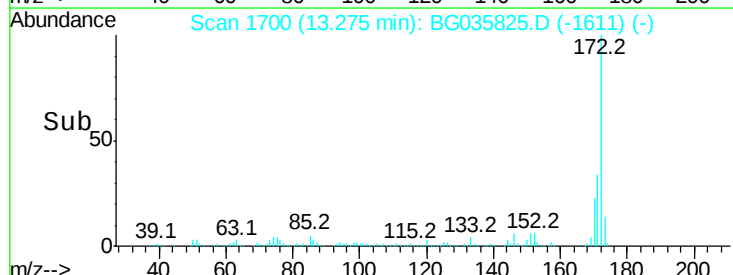


#44
 2-Fluorobiphenyl
 Concen: 87.761 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035825.D
 Acq: 23 Jul 2018 13:22

Tgt Ion:172 Resp: 570569
 Ion Ratio Lower Upper
 172 100
 171 33.9 30.0 45.0
 170 23.0 19.5 29.3



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. 0.00 min

Lab File: BG035825.D

Acq: 23 Jul 2018 13:22

Instrument :

BNA_G

ClientSampleId :

PB111303BL

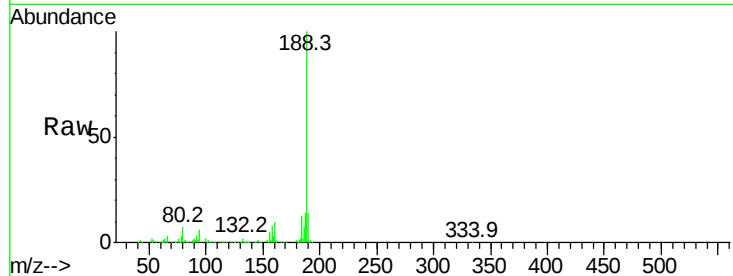
Tot Ion:188 Resp: 249463

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

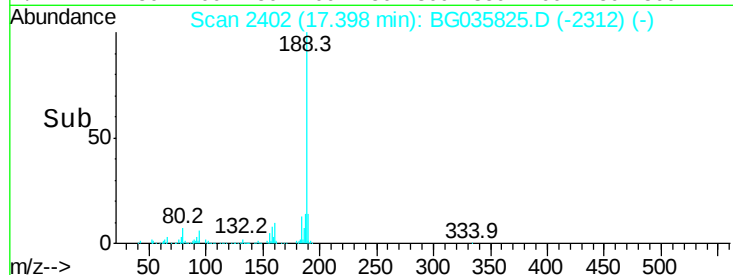
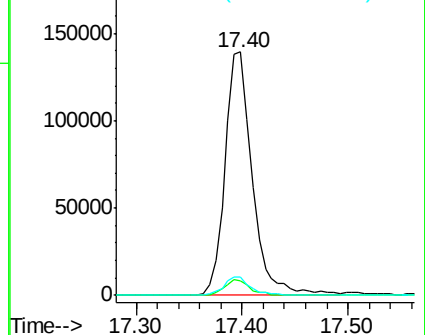
80 7.4 7.7 11.5#



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. -0.01 min

Lab File: BG035825.D

Acq: 23 Jul 2018 13:22

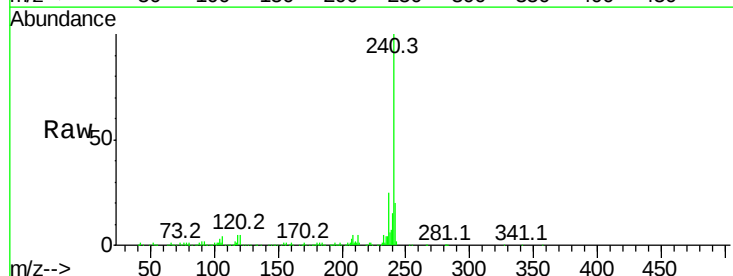
Tgt Ion:240 Resp: 306366

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

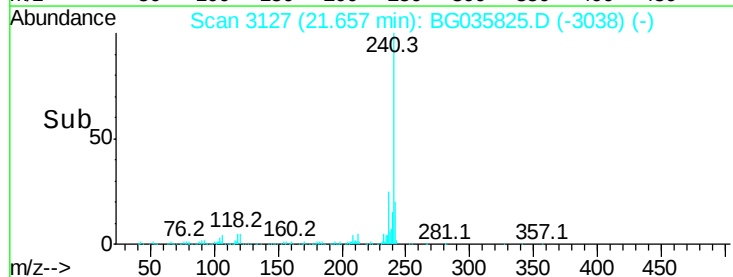
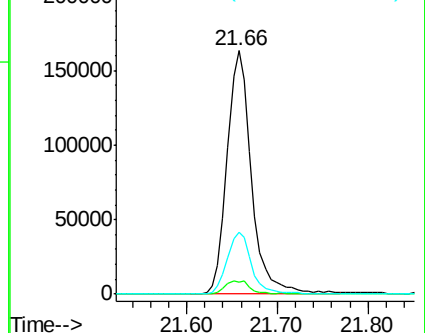
236 25.4 20.9 31.3

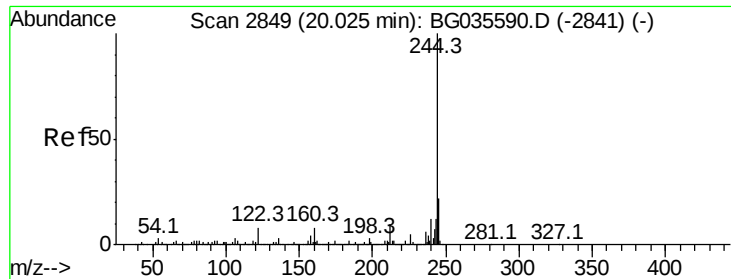


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

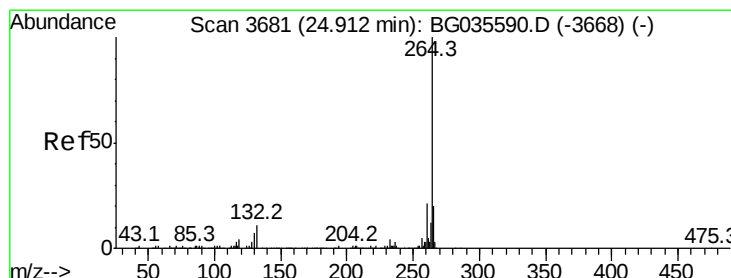
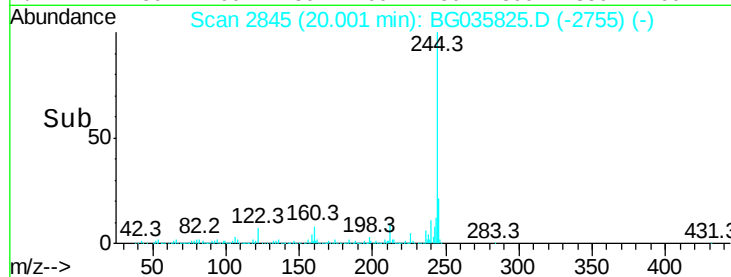
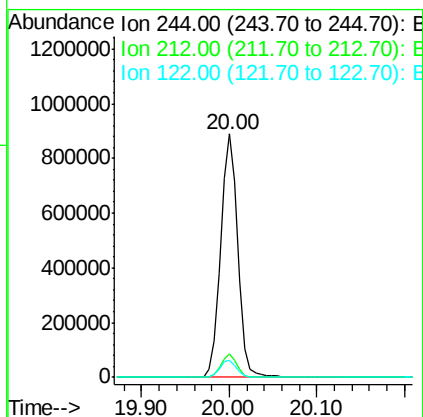
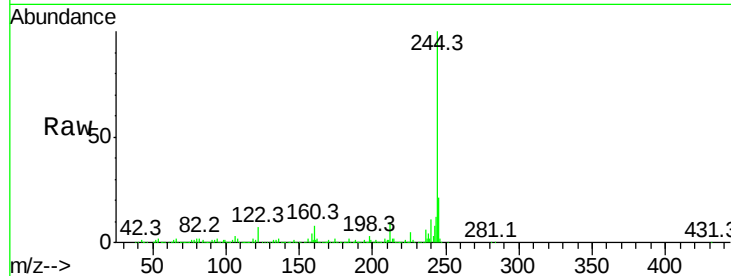




#78
 Terphenyl-d14
 Concen: 87.306 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BG035825.D
 Acq: 23 Jul 2018 13:22

Instrument :
 BNA_G
 ClientSampleId :
 PB111303BL

Tot Ion:244 Resp: 1213428
 Ion Ratio Lower Upper
 244 100
 212 9.6 5.8 8.8#
 122 7.0 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. 0.00 min
 Lab File: BG035825.D
 Acq: 23 Jul 2018 13:22

Tgt Ion:264 Resp: 282234
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.4 26.0
 265 22.1 17.7 26.5

