

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036251.D
 Acq On : 10 Aug 2018 2:48
 Operator : JU/SJ
 Sample : PB111863BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111863BL

Quant Time: Aug 10 06:53:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30131	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	106504	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	76482	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	213464	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	228317	20.00	ng	-0.01
86) Perylene-d12	24.83	264	209154	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	261853	144.28	ng	0.00
7) Phenol-d6	7.19	99	373720	138.02	ng	0.00
23) Nitrobenzene-d5	9.17	82	243826	95.64	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	185419	183.93	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	595637	104.34	ng	-0.02
78) Terphenyl-d14	19.99	244	1135762	109.65	ng	-0.01

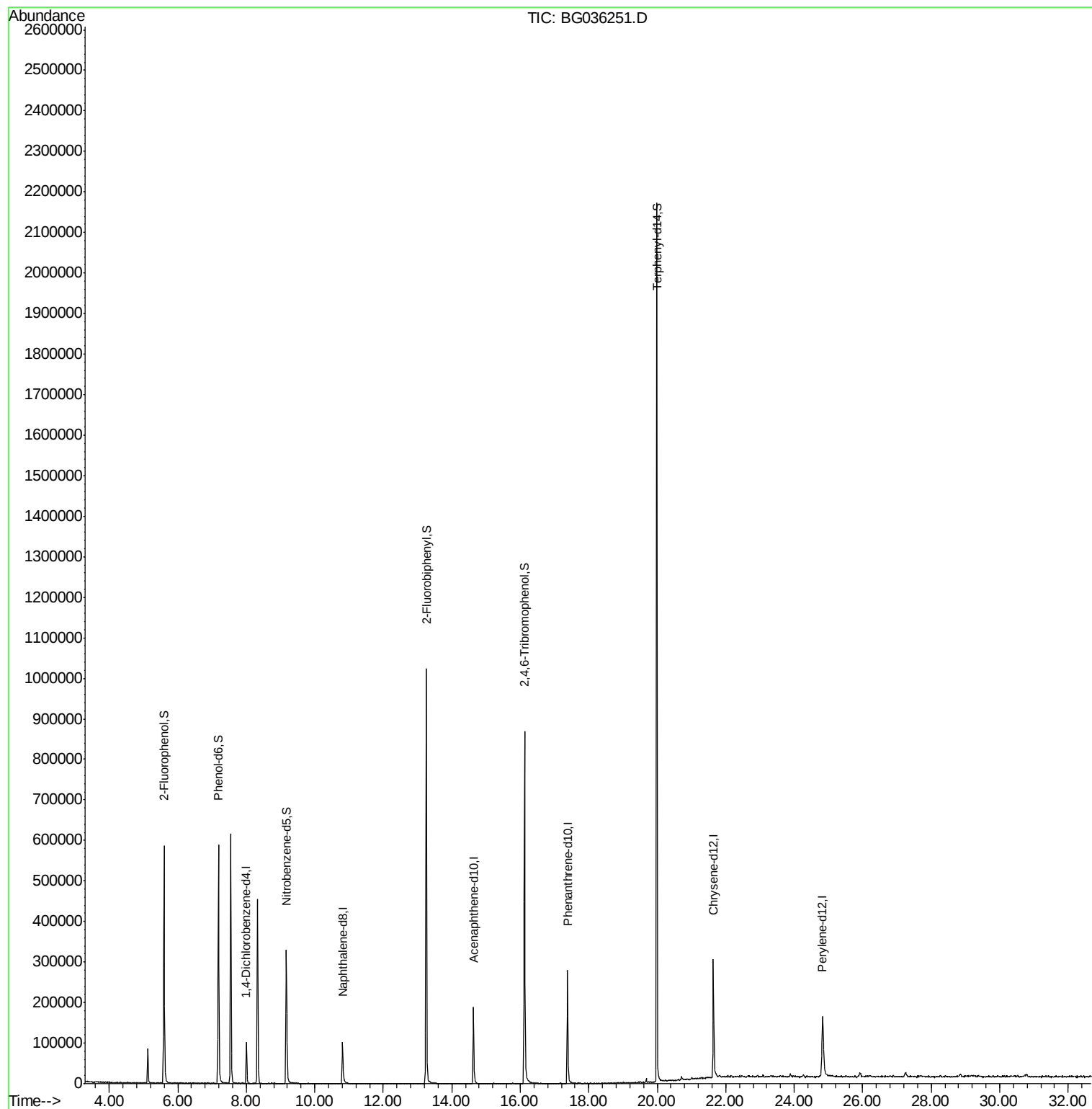
Target Compounds Qvalue

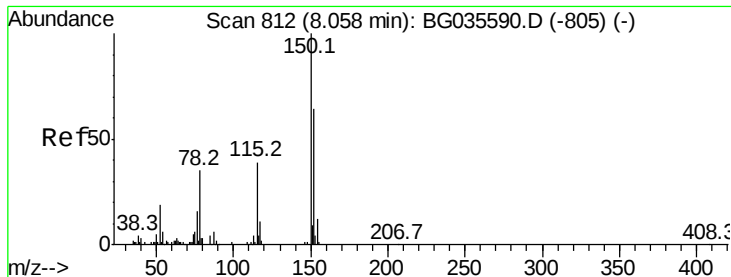
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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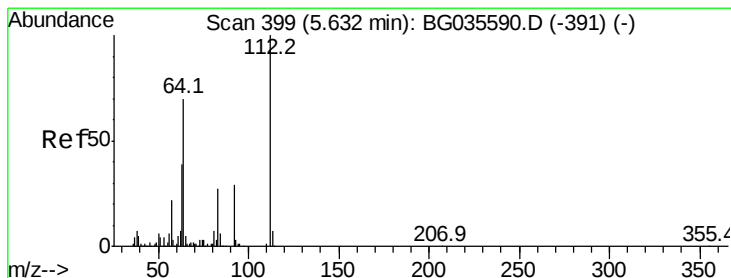
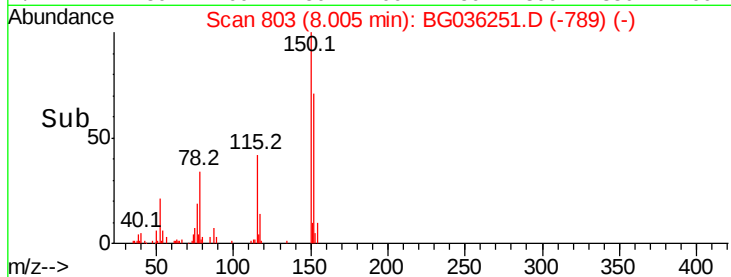
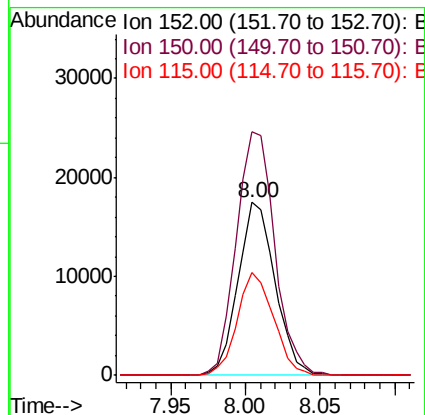
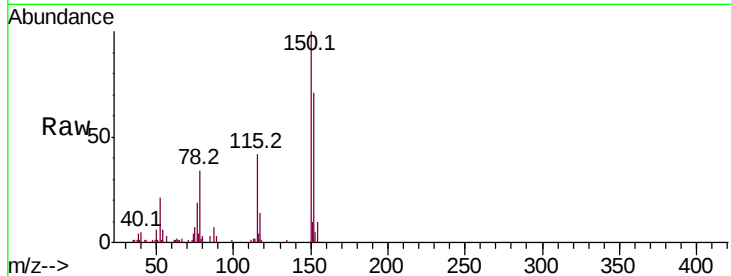


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Instrument :
BNA_G
ClientSampleId :
PB111863BL

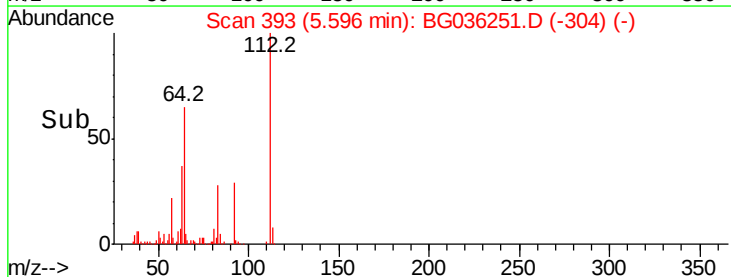
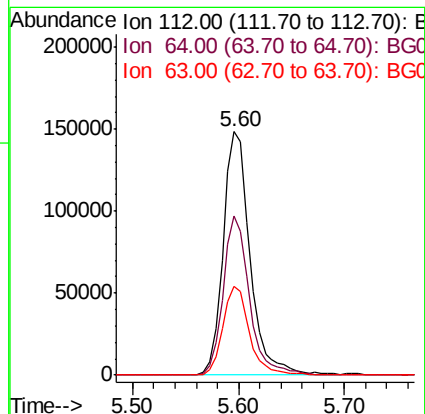
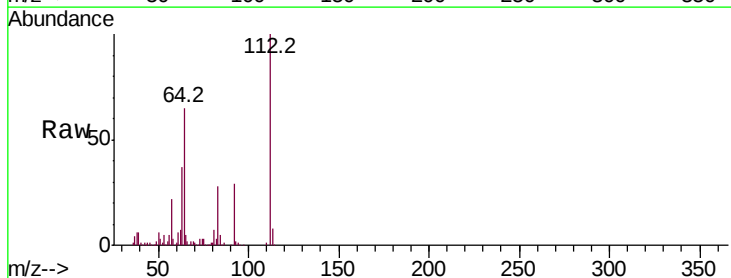
Tot Ion	Ratio	Lower	Upper
152	100		
150	140.7	126.6	189.8
115	59.2	53.0	79.4



#5

2-Fluorophenol
Concen: 144.282 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.3	84.5
63	36.6	30.1	45.1





#7

Phenol-d6

Concen: 138.018 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036251.D

Acq: 10 Aug 2018 2:48

Instrument :

BNA_G

ClientSampleId :

PB111863BL

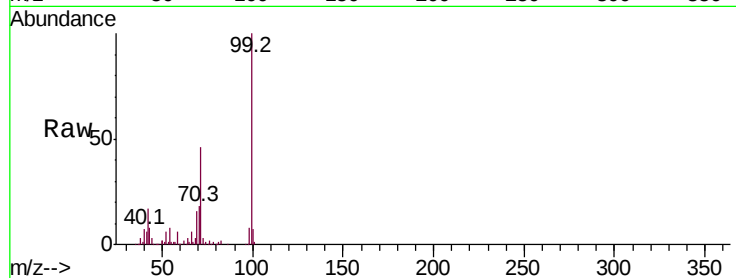
Tot Ion: 99 Resp: 373720

Ion Ratio Lower Upper

99 100

42 17.5 14.1 21.1

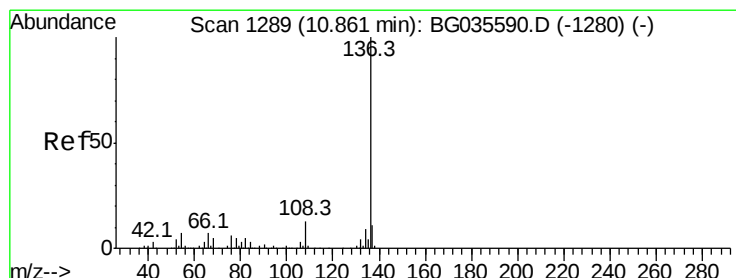
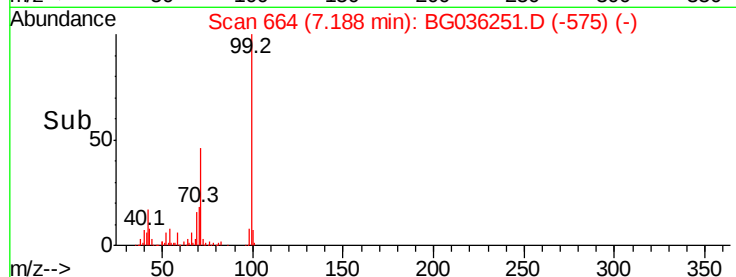
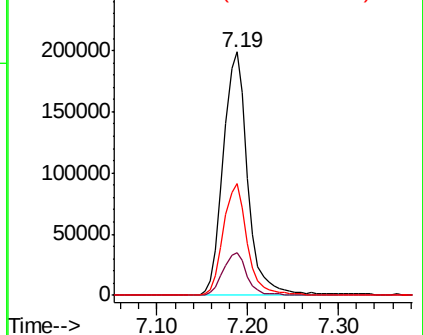
71 45.8 26.1 39.1#



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: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036251.D

Acq: 10 Aug 2018 2:48

Tgt Ion: 136 Resp: 106504

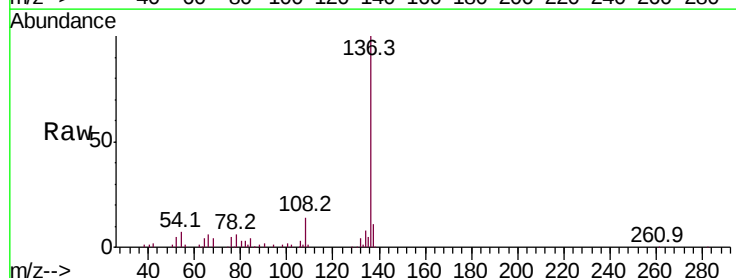
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 6.7 10.3 15.5#

68 4.4 4.5 6.7#

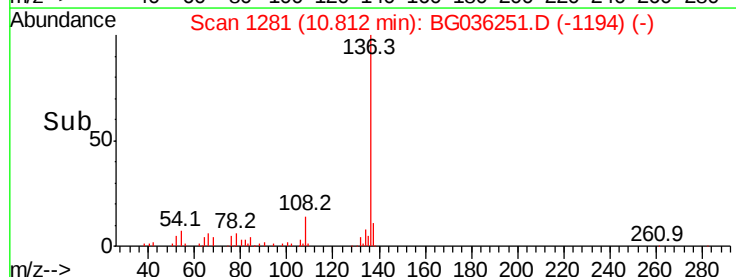
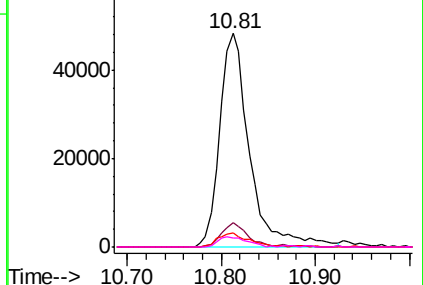


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

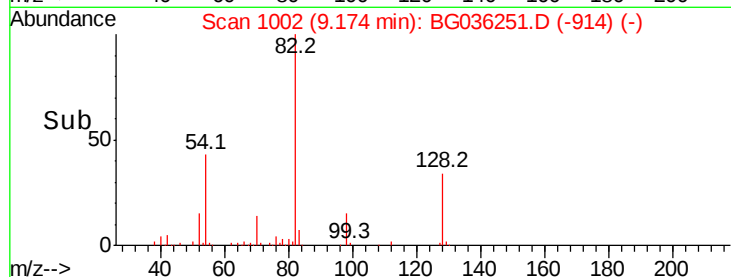
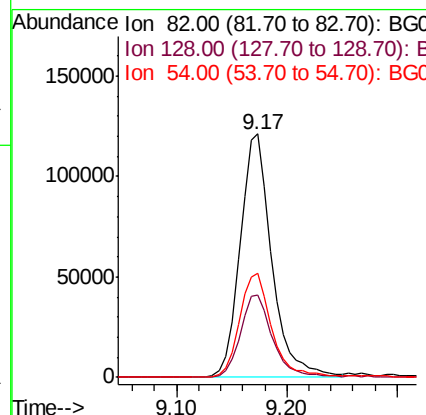
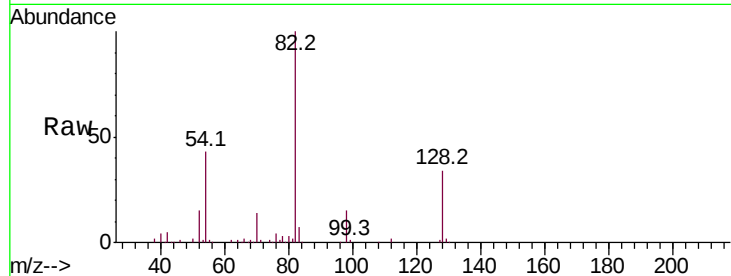




#23
Nitrobenzene-d5
Concen: 95.637 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

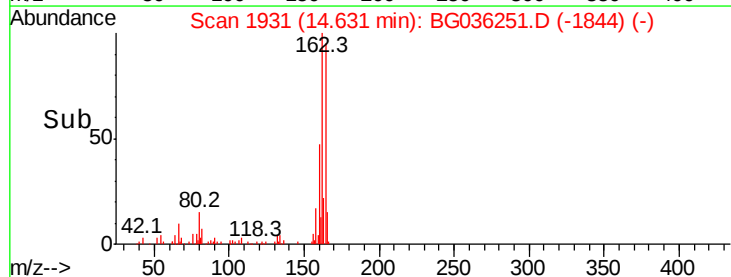
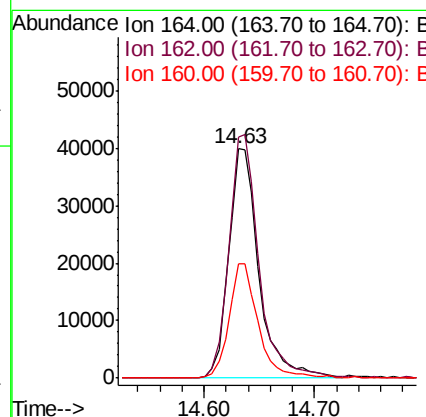
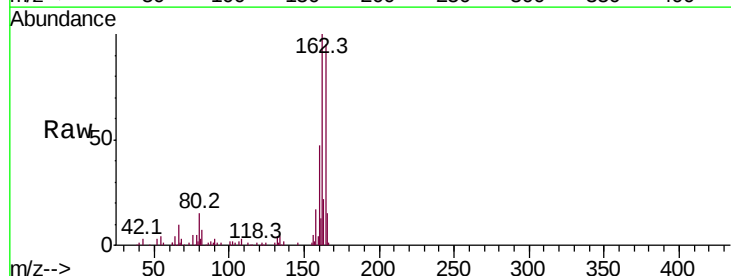
Instrument :
BNA_G
ClientSampleId :
PB111863BL

Tot Ion: 82 Resp: 243826
Ion Ratio Lower Upper
82 100
128 33.8 29.7 44.5
54 42.8 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Tgt Ion:164 Resp: 76482
Ion Ratio Lower Upper
164 100
162 105.2 78.8 118.2
160 49.8 35.4 53.0

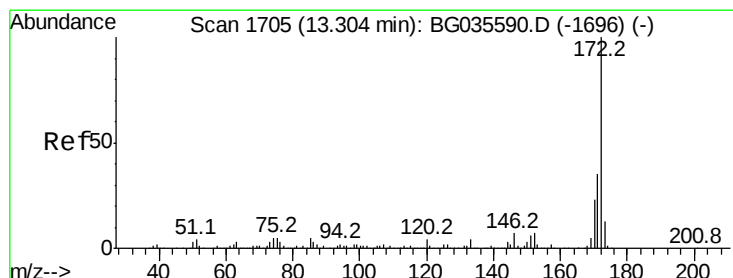
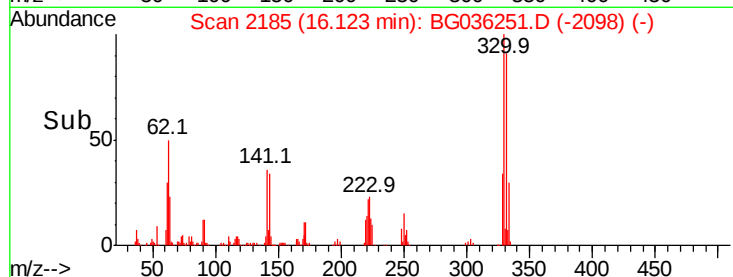
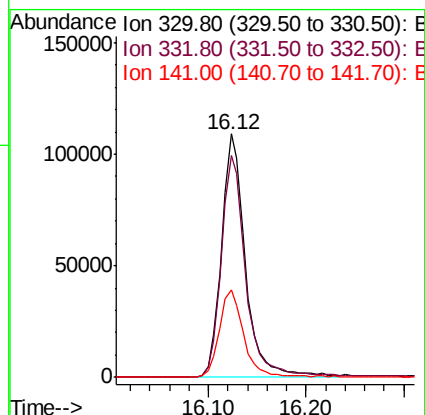
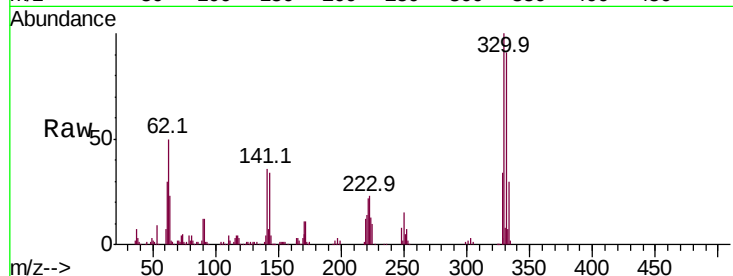




#41
 2,4,6-Tribromophenol
 Concen: 183.932 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036251.D
 Acq: 10 Aug 2018 2:48

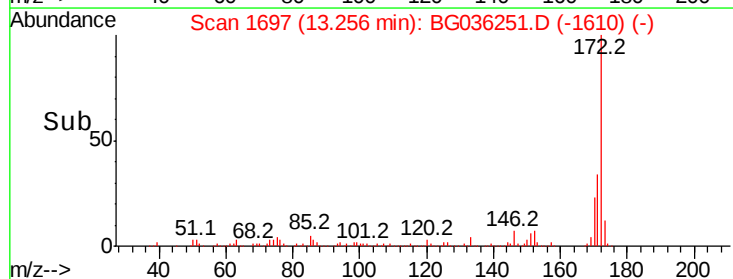
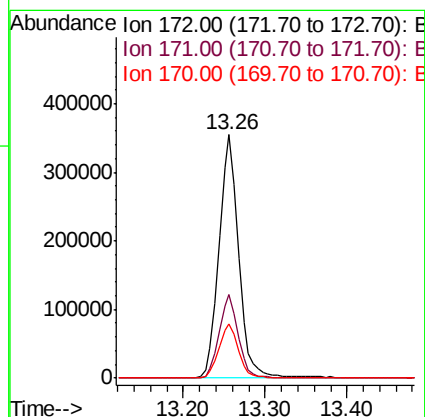
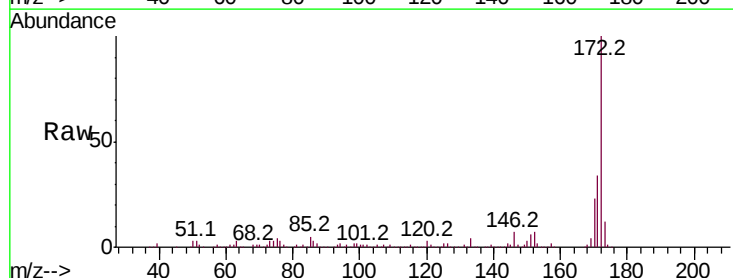
Instrument :
 BNA_G
 ClientSampleId :
 PB111863BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	36.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 104.338 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036251.D
 Acq: 10 Aug 2018 2:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	22.5	19.5	29.3

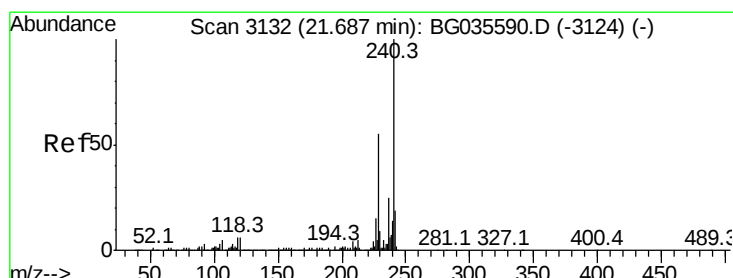
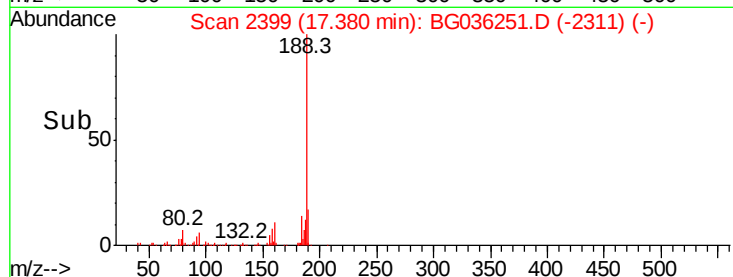
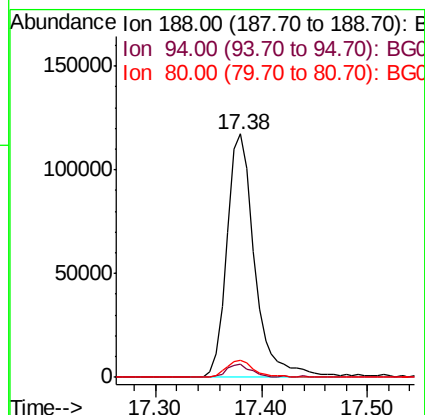
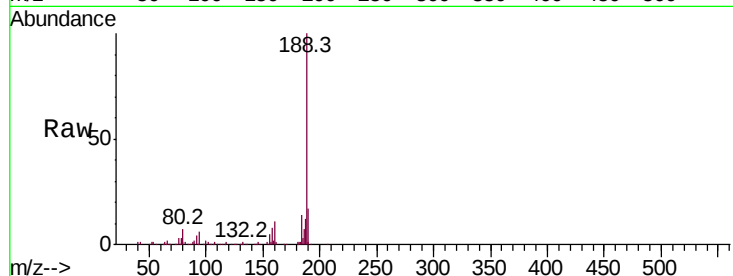




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

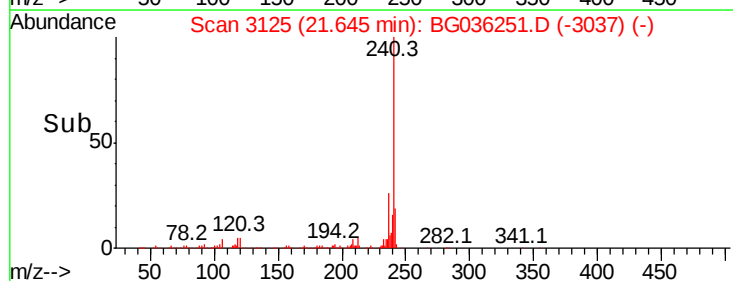
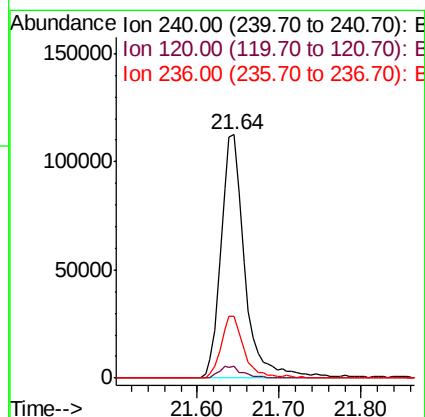
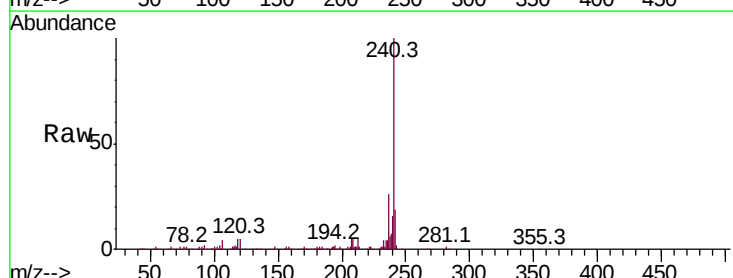
Instrument :
BNA_G
ClientSampleId :
PB111863BL

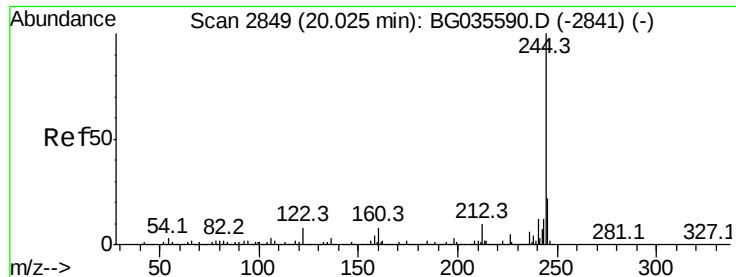
Tot Ion:188 Resp: 213464
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 7.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG036251.D
Acq: 10 Aug 2018 2:48

Tgt Ion:240 Resp: 228317
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 109.653 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036251.D

Acq: 10 Aug 2018 2:48

Instrument :

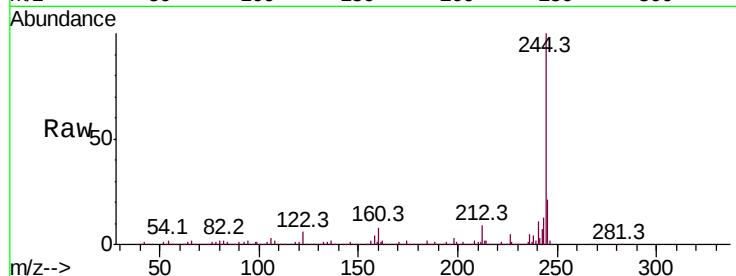
BNA_G

ClientSampleId :

PB111863BL

Tot Ion:244 Resp: 1135762

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.2	7.0	10.4#

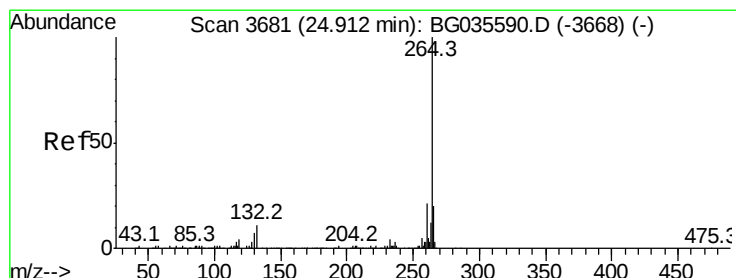
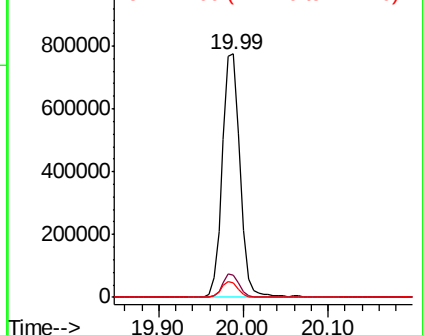
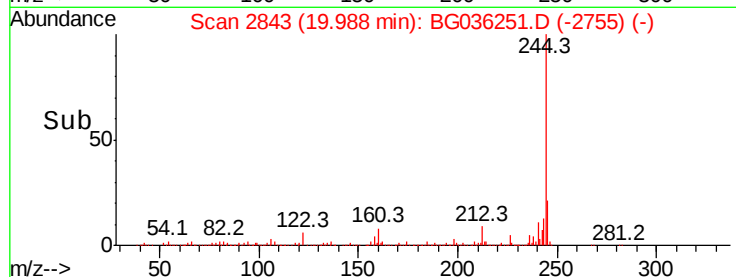


Abundance

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: 24.83 min Scan# 3667

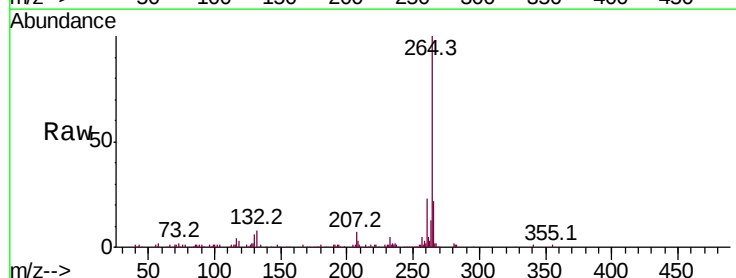
Delta R.T. -0.03 min

Lab File: BG036251.D

Acq: 10 Aug 2018 2:48

Tgt Ion:264 Resp: 209154

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.6	17.7	26.5



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

