

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
 Data File : BG031986.D
 Acq On : 11 Jan 2018 16:23
 Operator : SJ/JU
 Sample : PB105570TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105570TB

Quant Time: Jan 11 17:23:44 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 15:23:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	69920	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	297260	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	213071	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	505177	20.00	ng	0.00
75) Chrysene-d12	22.48	240	549874	20.00	ng	0.00
86) Perylene-d12	26.21	264	551720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	426537	111.11	ng	0.00
7) Phenol-d6	7.89	99	542958	108.94	ng	0.00
23) Nitrobenzene-d5	9.98	82	302051	76.73	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	322037	99.05	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1113357	65.58	ng	0.00
78) Terphenyl-d14	20.67	244	1720852	71.50	ng	0.00

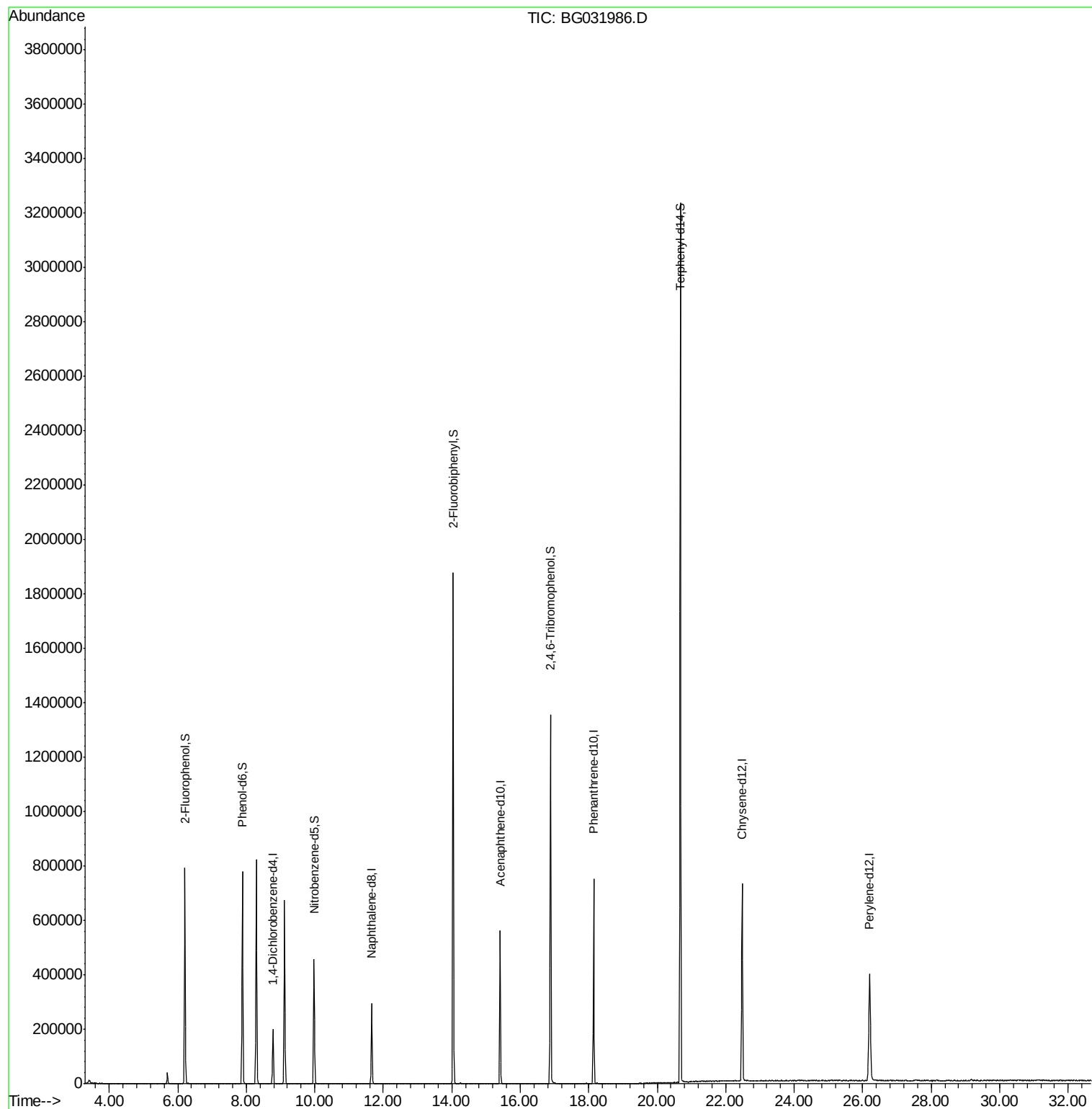
Target Compounds Qvalue

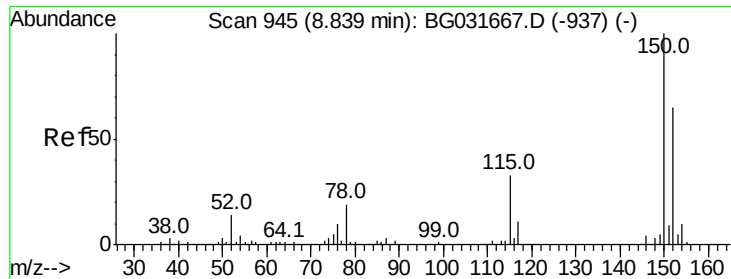
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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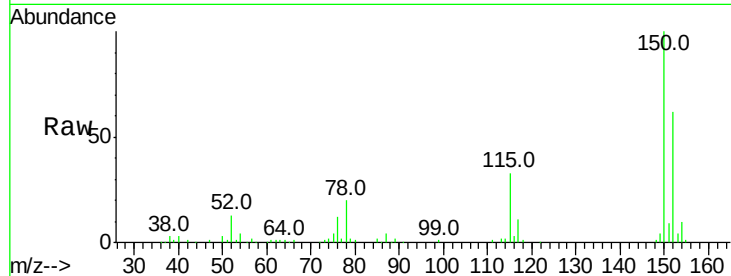


#1

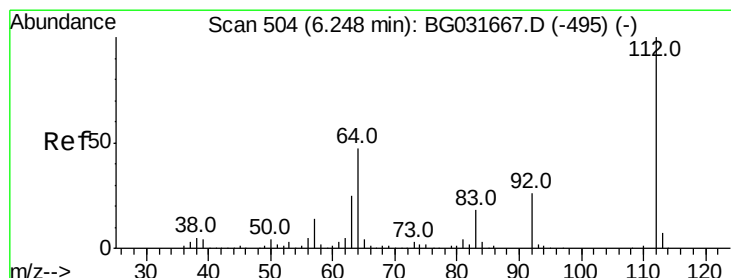
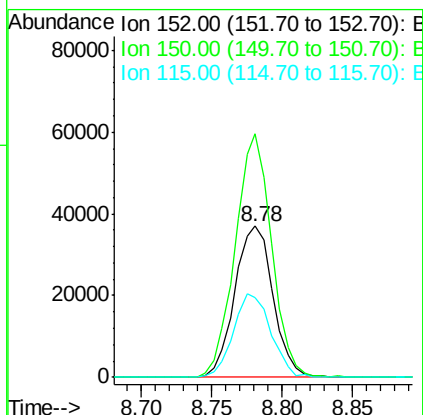
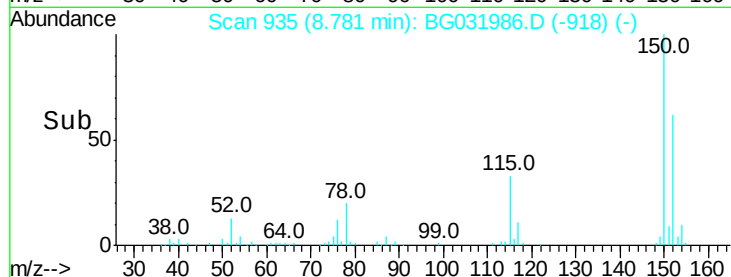
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BG031986.D
 Acq: 11 Jan 2018 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB105570TB

Tot Ion:152 Resp: 69920
 Ion Ratio Lower Upper
 152 100
 150 161.0 126.6 189.8
 115 53.0 53.0 79.4



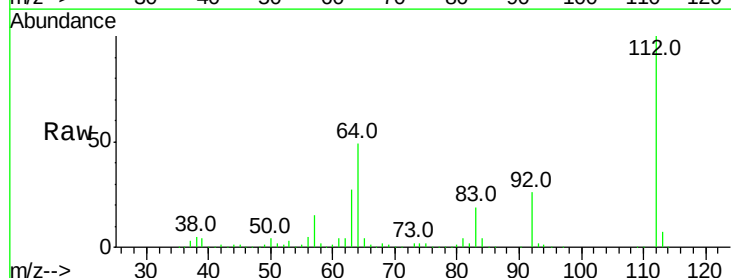
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



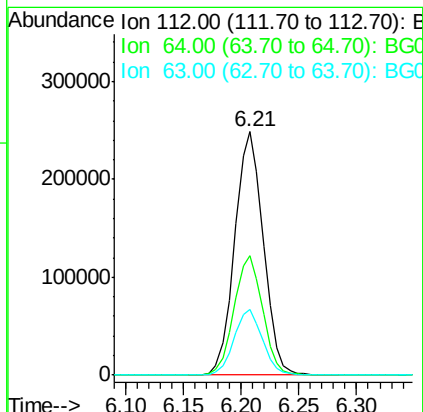
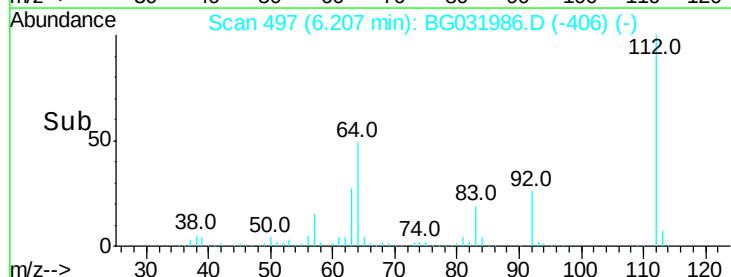
#5

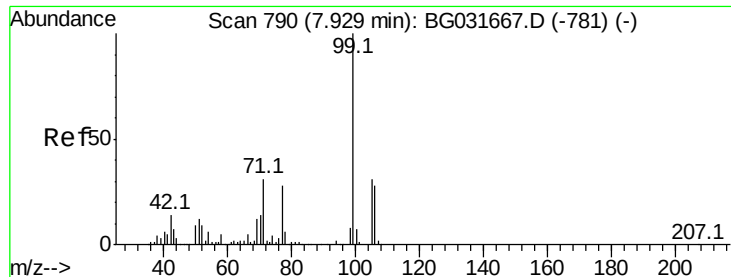
2-Fluorophenol
 Concen: 111.111 ng
 RT: 6.21 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BG031986.D
 Acq: 11 Jan 2018 16:23

Tgt Ion:112 Resp: 426537
 Ion Ratio Lower Upper
 112 100
 64 48.9 56.3 84.5#
 63 27.0 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: 108.938 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031986.D

Acq: 11 Jan 2018 16:23

Instrument :

BNA_G

ClientSampleId :

PB105570TB

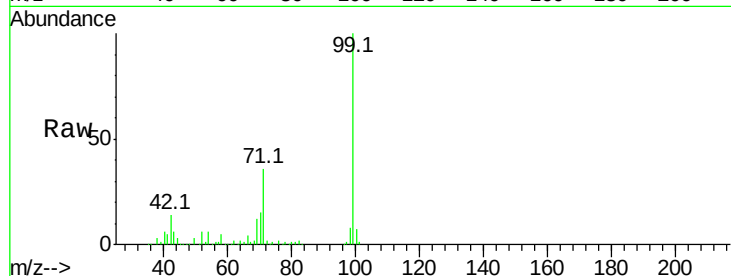
Tot Ion: 99 Resp: 542958

Ion Ratio Lower Upper

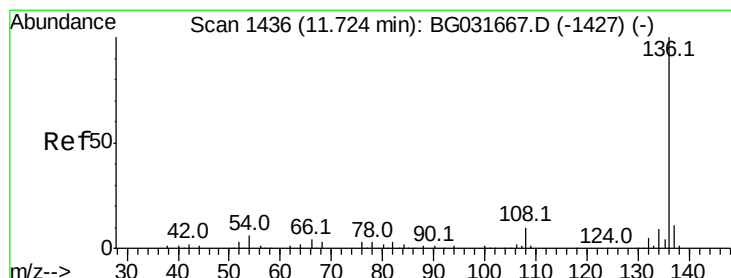
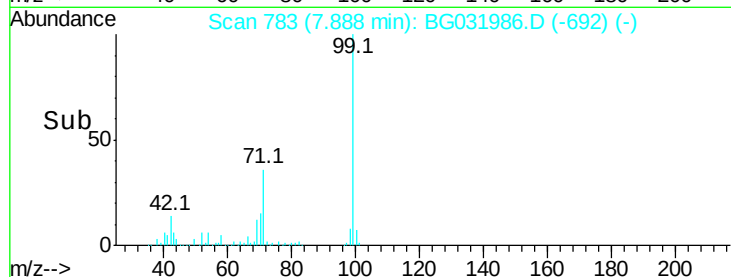
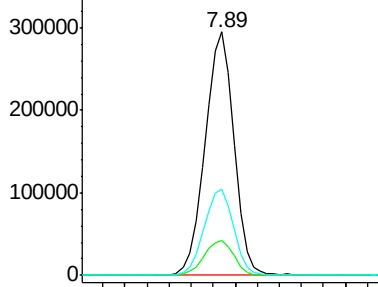
99 100

42 14.5 14.1 21.1

71 35.5 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: 11.67 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BG031986.D

Acq: 11 Jan 2018 16:23

Tgt Ion: 136 Resp: 297260

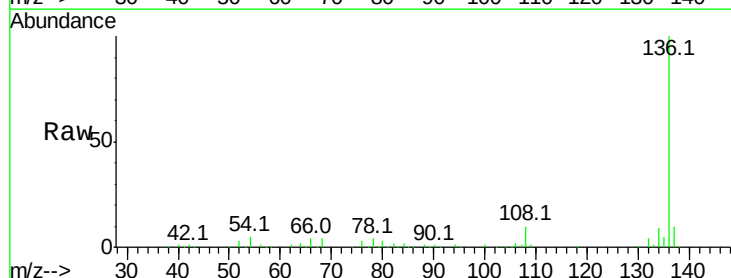
Ion Ratio Lower Upper

136 100

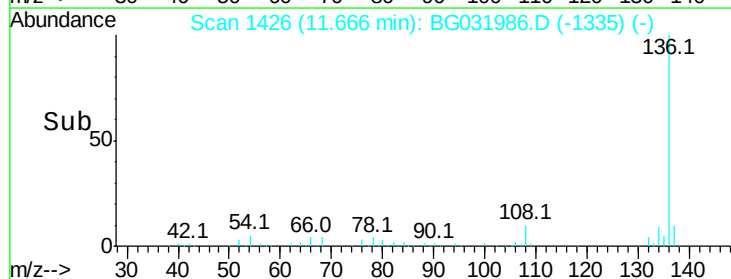
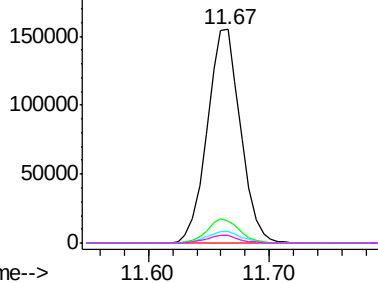
137 10.4 9.2 13.8

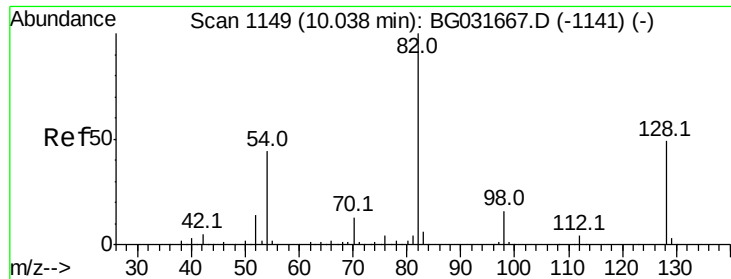
54 5.2 10.3 15.5#

68 3.7 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

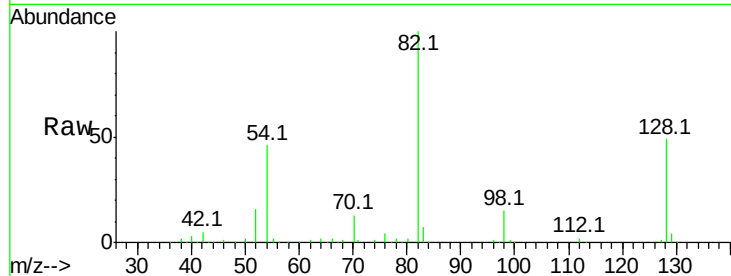




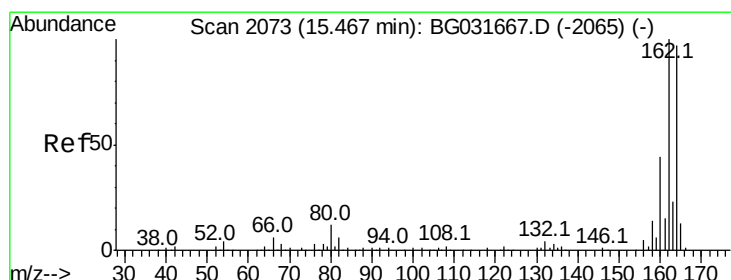
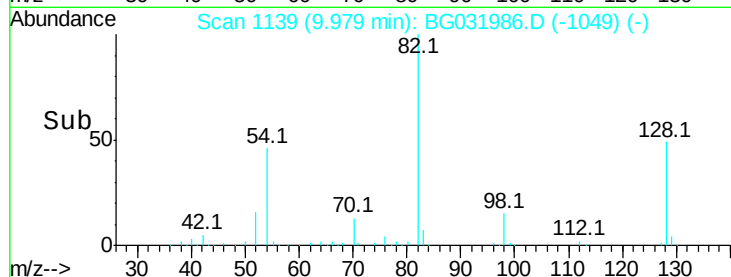
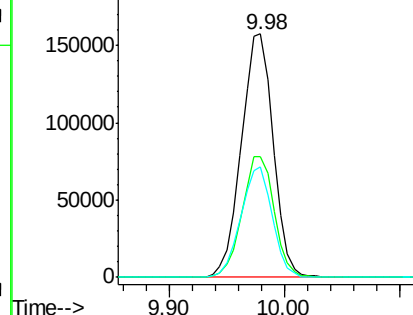
#23
Nitrobenzene-d5
Concen: 76.729 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG031986.D
Acq: 11 Jan 2018 16:23

Instrument :
BNA_G
ClientSampleId :
PB105570TB

Tot Ion: 82 Resp: 302051
Ion Ratio Lower Upper
82 100
128 49.5 29.7 44.5#
54 45.5 43.1 64.7

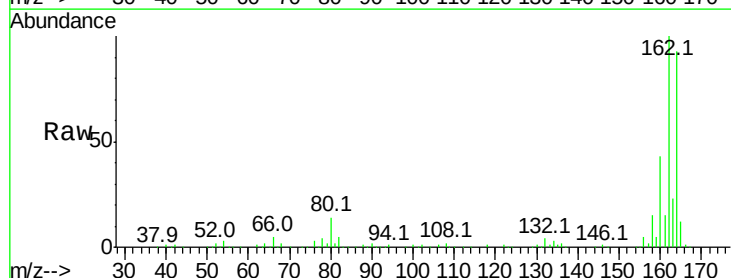


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

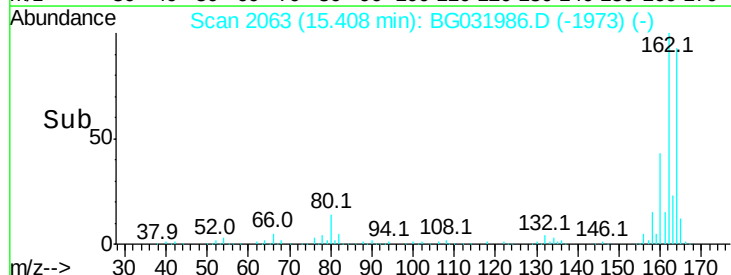
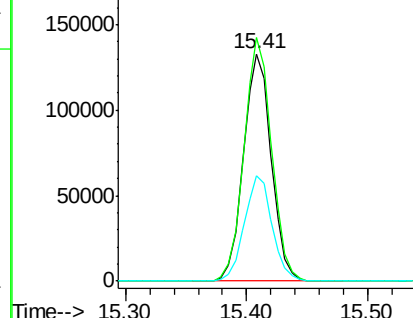


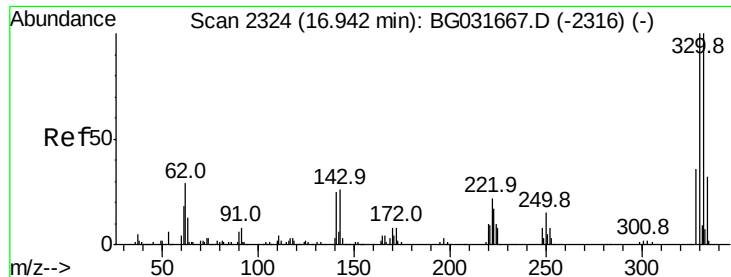
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG031986.D
Acq: 11 Jan 2018 16:23

Tgt Ion:164 Resp: 213071
Ion Ratio Lower Upper
164 100
162 107.2 78.8 118.2
160 46.3 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

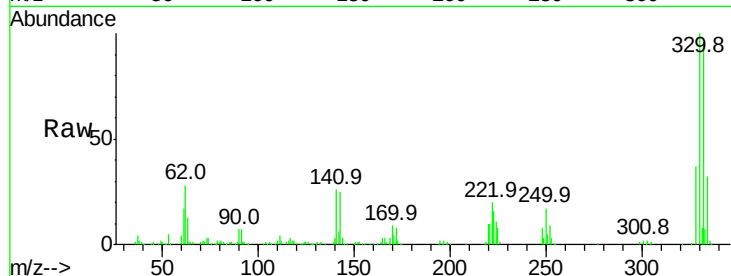




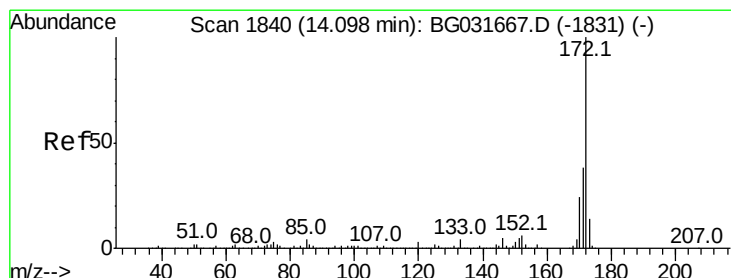
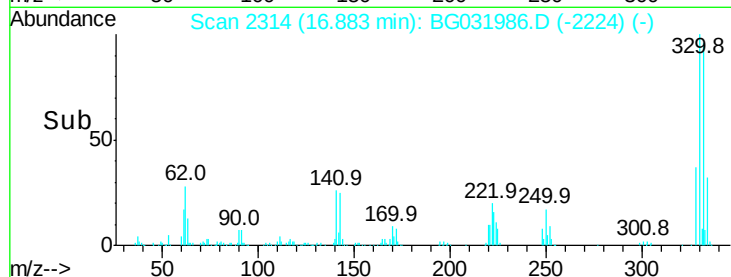
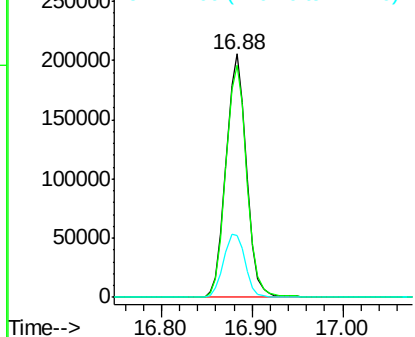
#41
 2,4,6-Tribromophenol
 Concen: 99.053 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BG031986.D
 Acq: 11 Jan 2018 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB105570TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	27.6	25.2	37.8

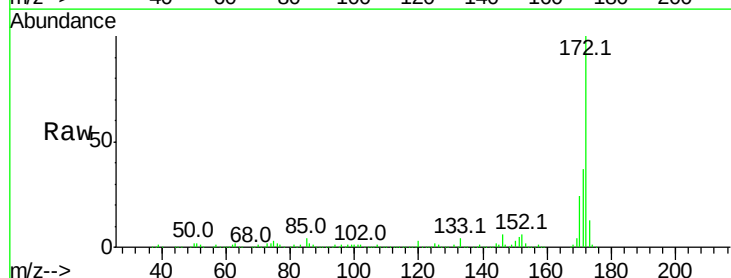


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

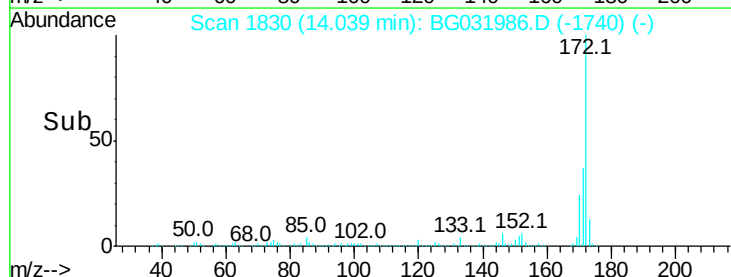
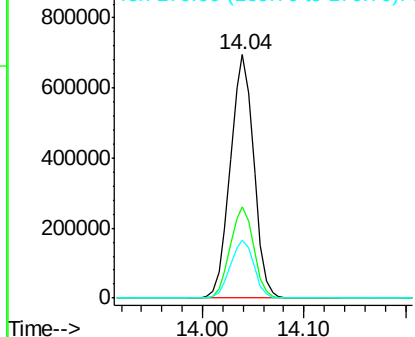


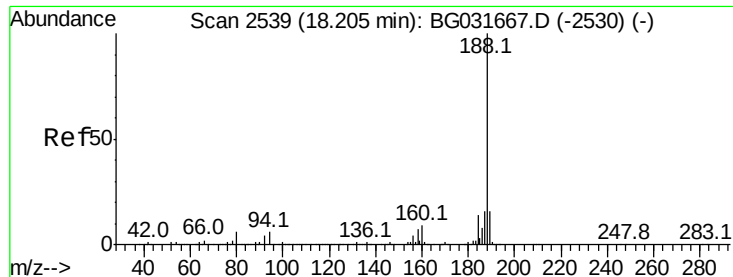
#44
 2-Fluorobiphenyl
 Concen: 65.584 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BG031986.D
 Acq: 11 Jan 2018 16:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.9	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

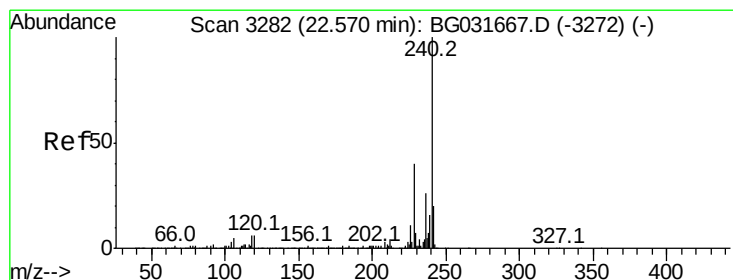
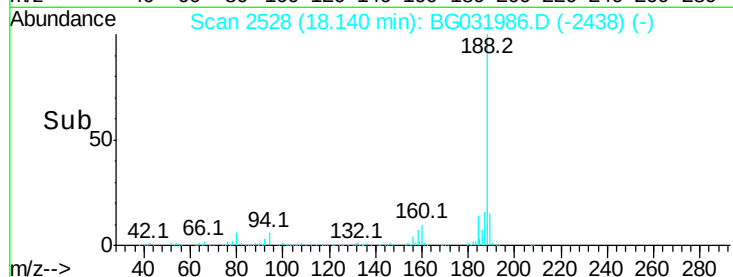
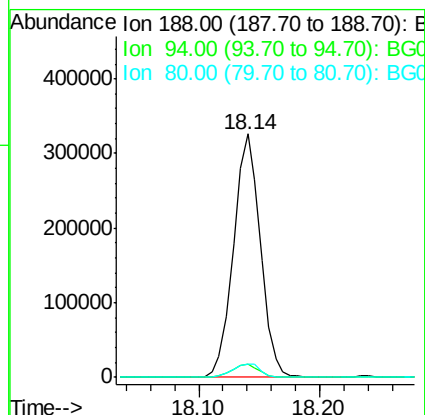
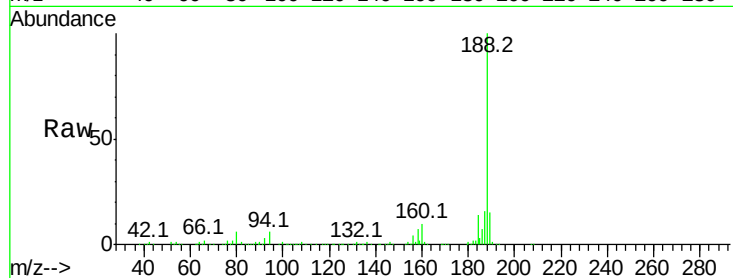




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG031986.D
Acq: 11 Jan 2018 16:23

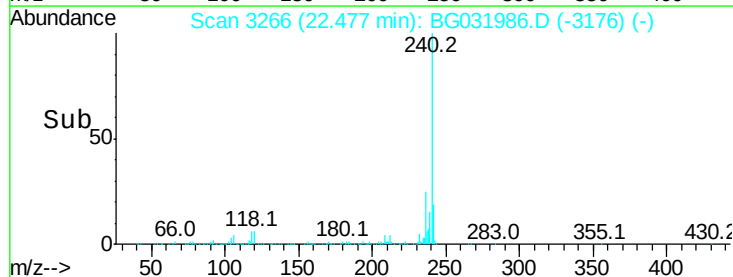
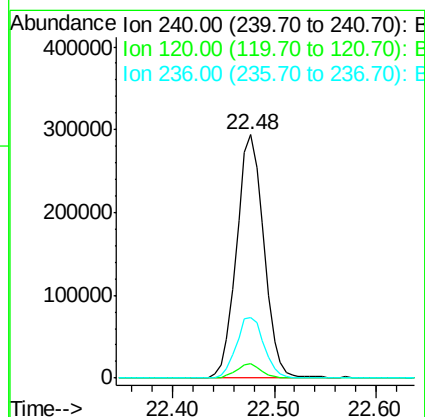
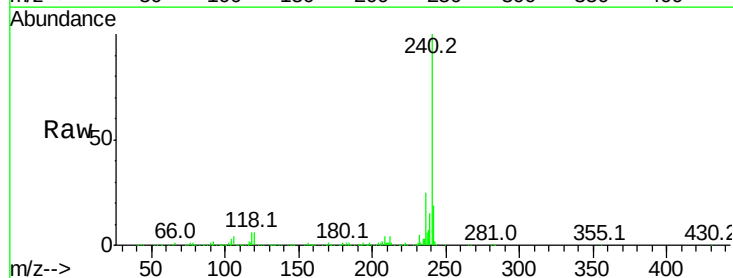
Instrument :
BNA_G
ClientSampleId :
PB105570TB

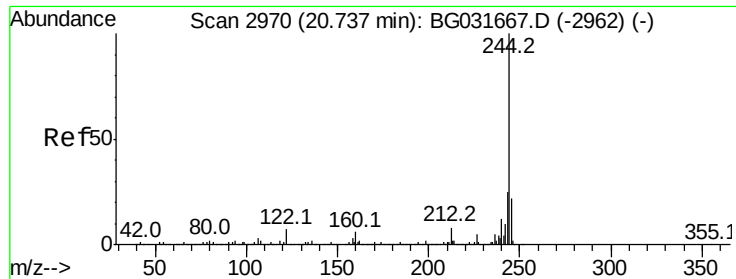
Tot Ion:188 Resp: 505177
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 5.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.00 min
Lab File: BG031986.D
Acq: 11 Jan 2018 16:23

Tgt Ion:240 Resp: 549874
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 71.499 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BG031986.D

Acq: 11 Jan 2018 16:23

Instrument :

BNA_G

ClientSampleId :

PB105570TB

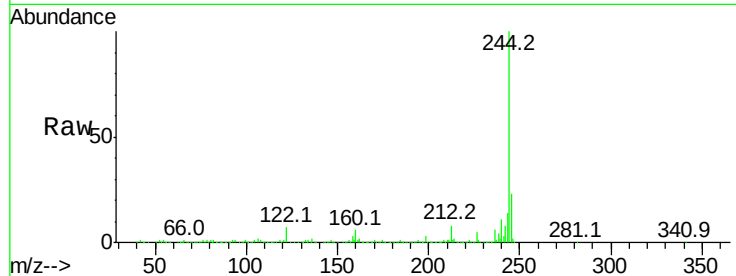
Tot Ion:244 Resp: 1720852

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

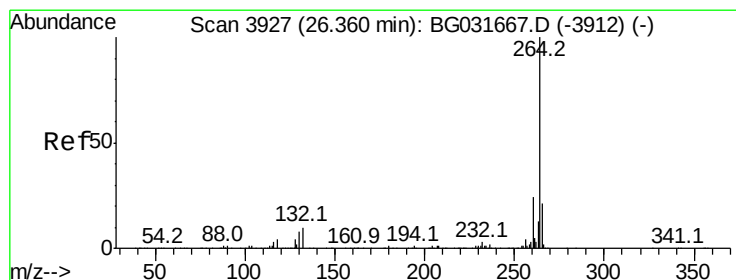
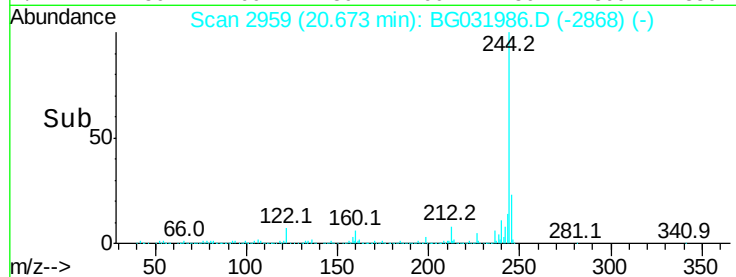
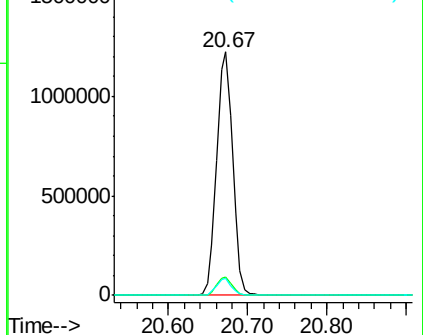
122 6.8 7.0 10.4#



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: 26.21 min Scan# 3901

Delta R.T. 0.00 min

Lab File: BG031986.D

Acq: 11 Jan 2018 16:23

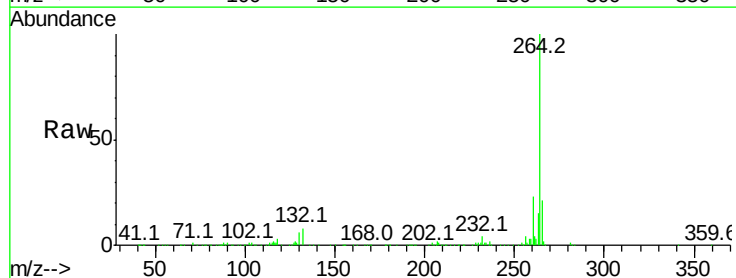
Tgt Ion:264 Resp: 551720

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 20.9 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

