

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
 Data File : BG032607.D
 Acq On : 7 Feb 2018 23:29
 Operator : SJ/JU
 Sample : PB106365BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106365BL

Quant Time: Feb 08 03:49:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	12892	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	64877	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	53822	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	144812	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	196631	20.00	ng	-0.01
86) Perylene-d12	26.06	264	213895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	87537	136.38	ng	-0.02
7) Phenol-d6	7.80	99	108662	126.87	ng	-0.02
23) Nitrobenzene-d5	9.89	82	67121	64.62	ng	-0.02
41) 2,4,6-Tribromophenol	16.80	330	106253	103.71	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	372294	82.21	ng	-0.02
78) Terphenyl-d14	20.61	244	788254	85.87	ng	0.00

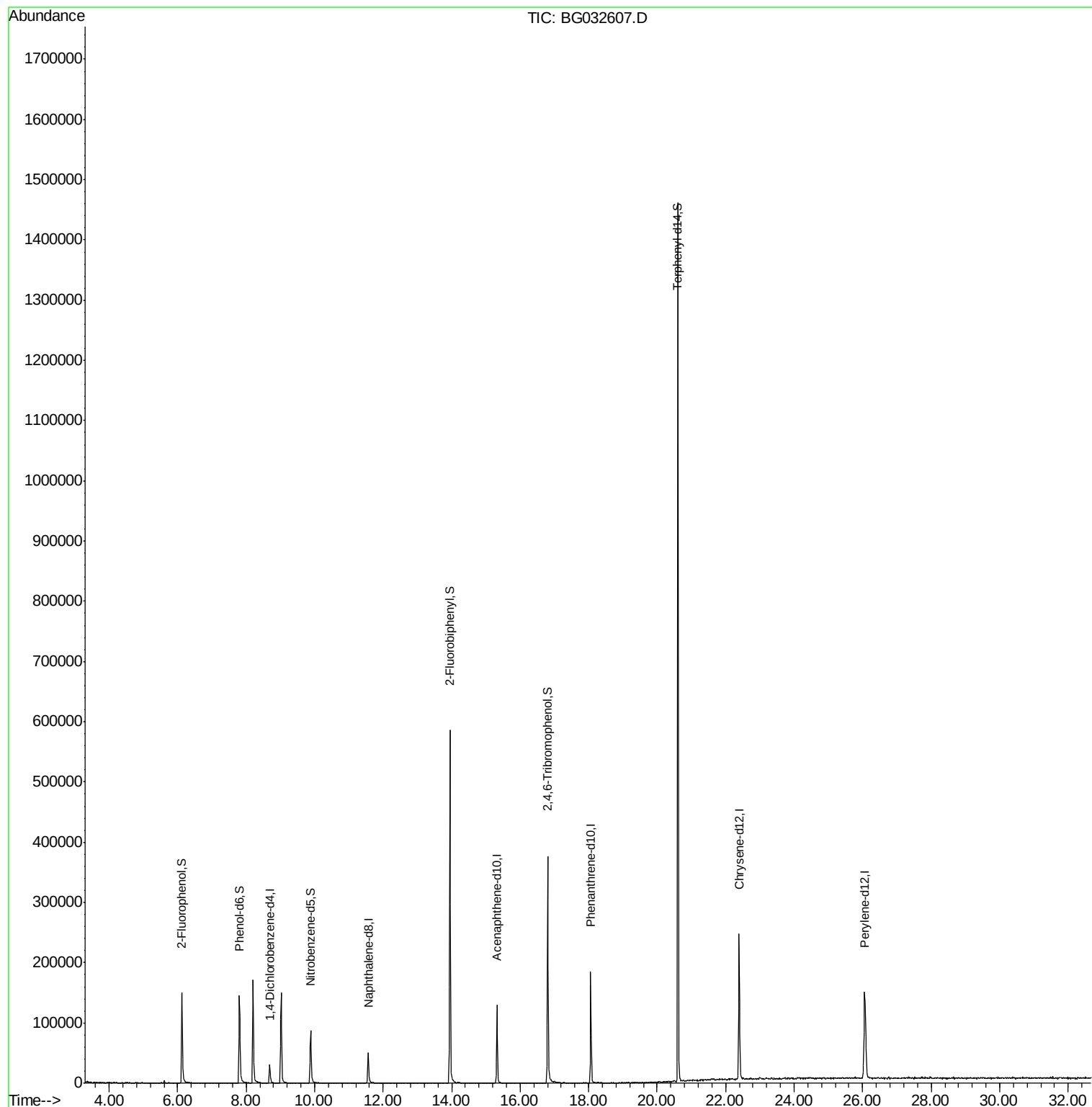
Target Compounds Qvalue

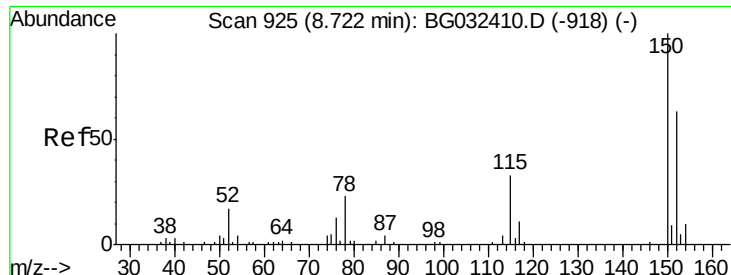
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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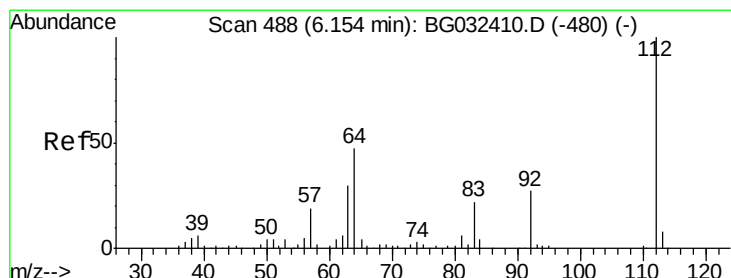
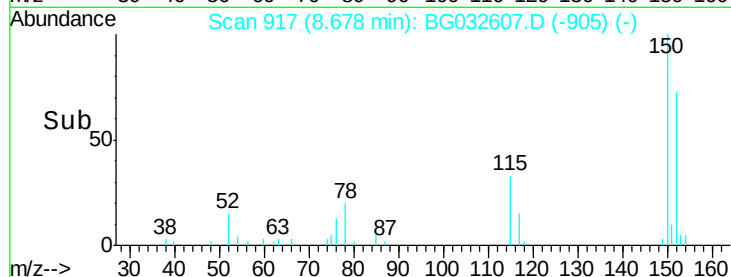
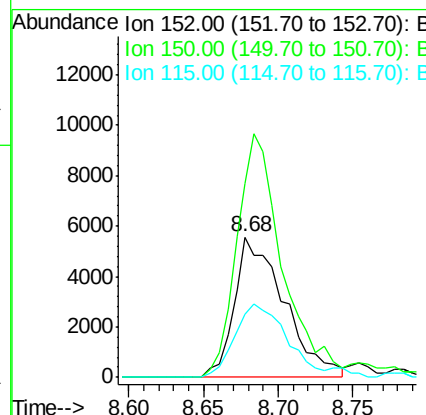
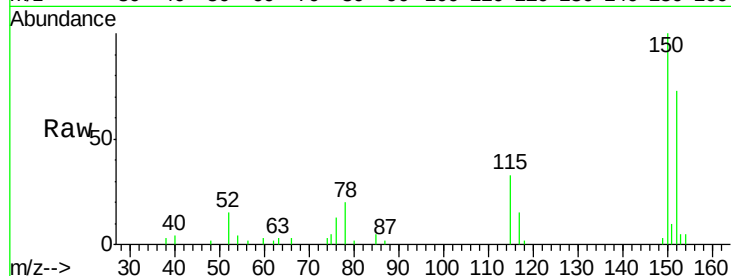


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 917
Delta R.T. -0.03 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_G
ClientSampleId :
PB106365BL

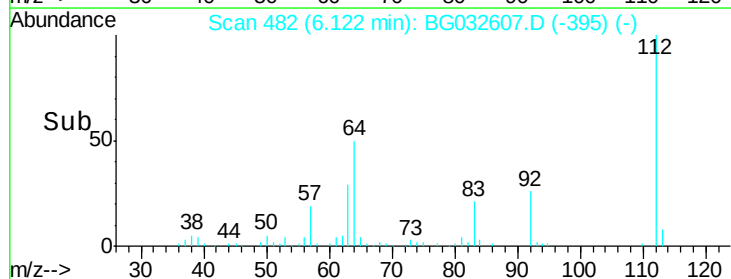
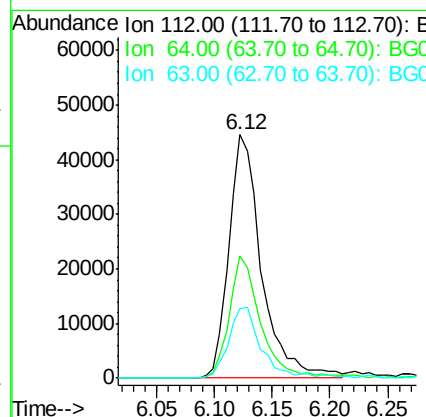
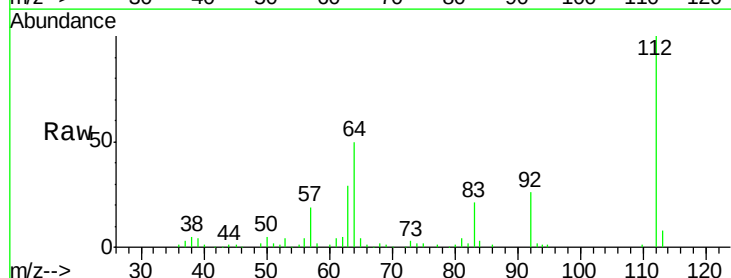
Tot Ion:152 Resp: 12892
Ion Ratio Lower Upper
152 100
150 137.9 126.6 189.8
115 45.2 53.0 79.4#

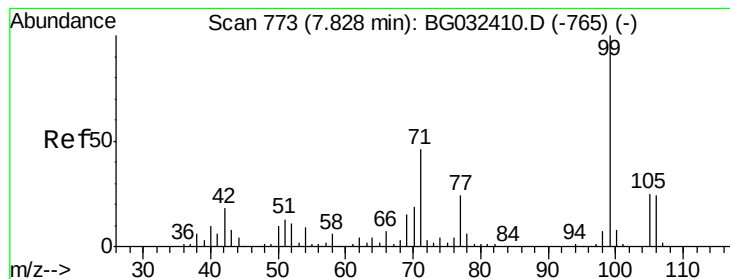


#5

2-Fluorophenol
Concen: 136.382 ng
RT: 6.12 min Scan# 482
Delta R.T. -0.02 min
Lab File: BG032607.D
Acq: 7 Feb 2018 23:29

Tgt Ion:112 Resp: 87537
Ion Ratio Lower Upper
112 100
64 50.0 56.3 84.5#
63 28.6 30.1 45.1#





#7

Phenol-d6

Concen: 126.867 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032607.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_G

ClientSampleId :

PB106365BL

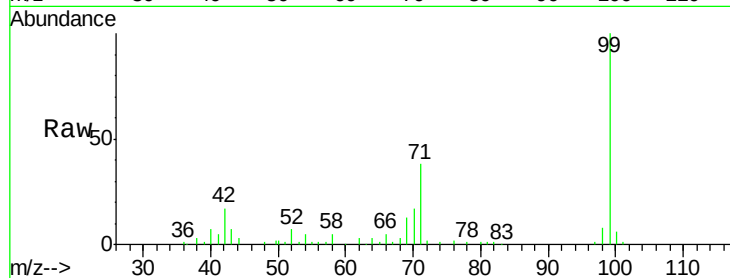
Tot Ion: 99 Resp: 108662

Ion Ratio Lower Upper

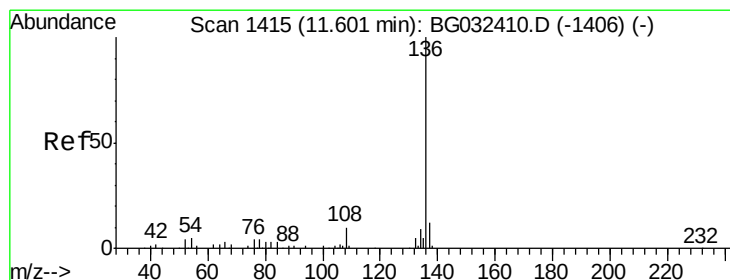
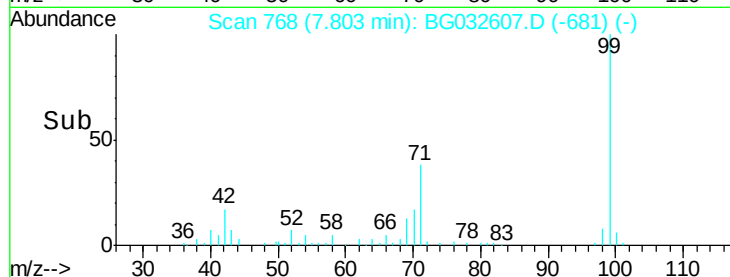
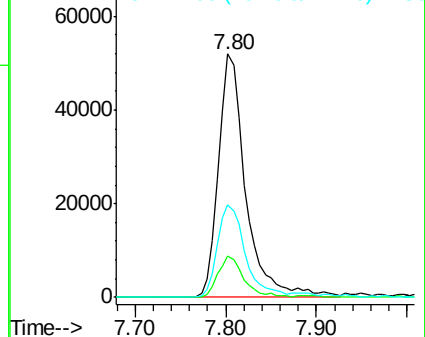
99 100

42 17.1 14.1 21.1

71 37.9 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: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032607.D

Acq: 7 Feb 2018 23:29

Tgt Ion: 136 Resp: 64877

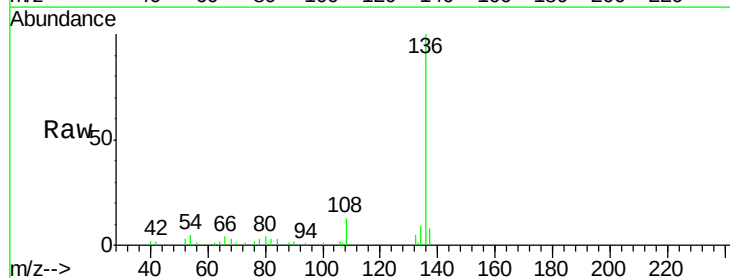
Ion Ratio Lower Upper

136 100

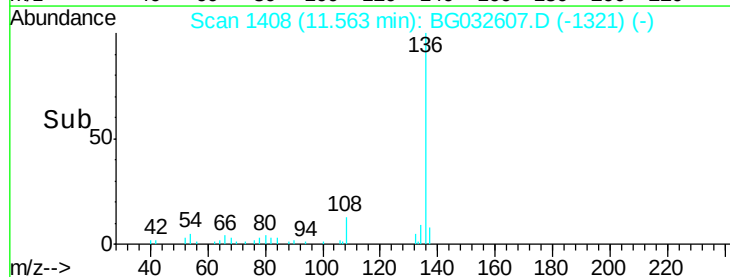
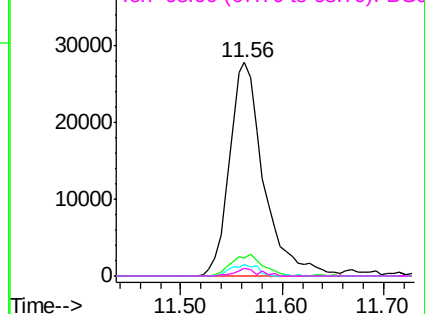
137 8.4 9.2 13.8#

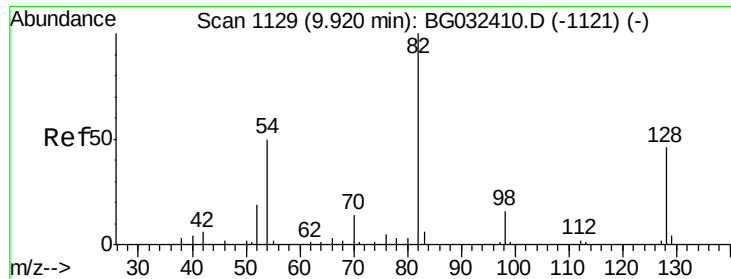
54 5.2 10.3 15.5#

68 3.3 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

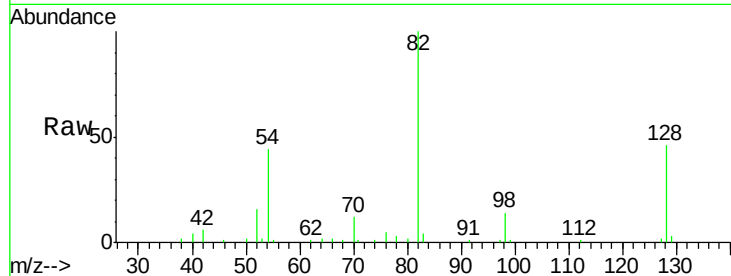




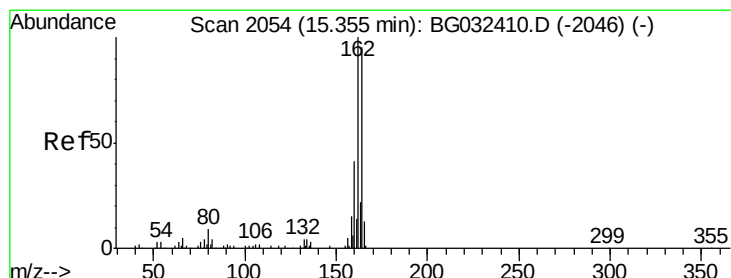
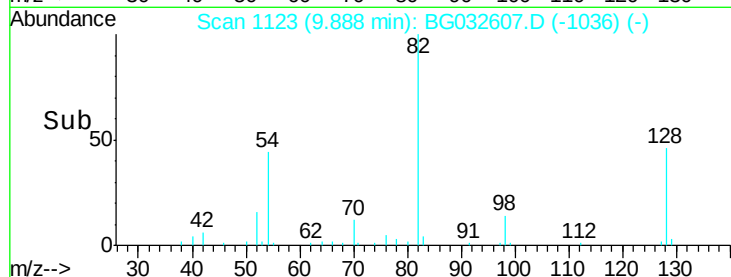
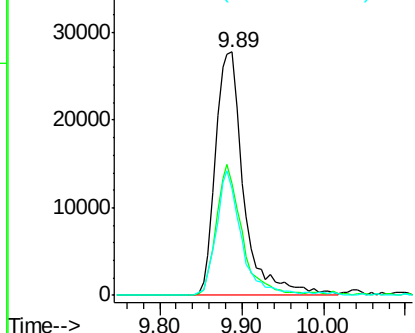
#23
 Nitrobenzene-d5
 Concen: 64.621 ng
 RT: 9.89 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BG032607.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_G
 ClientSampleId :
 PB106365BL

Tot Ion	82	Resp	67121
Ion Ratio	Lower	Upper	
82	100		
128	45.9	29.7	44.5#
54	43.7	43.1	64.7

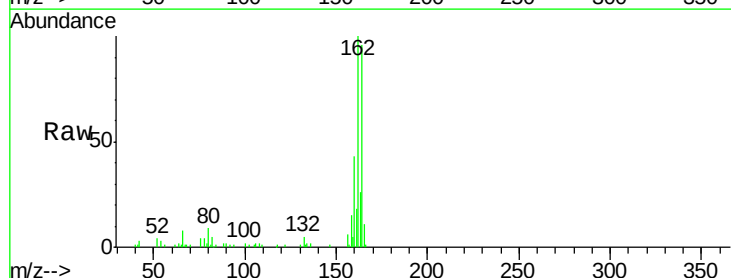


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

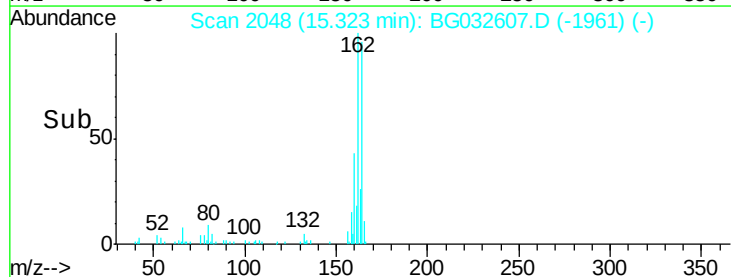
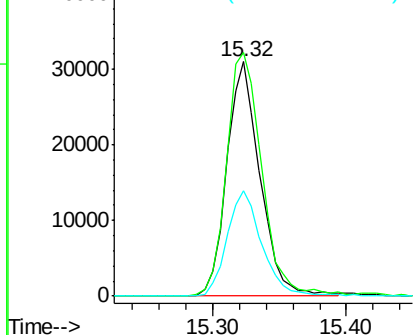


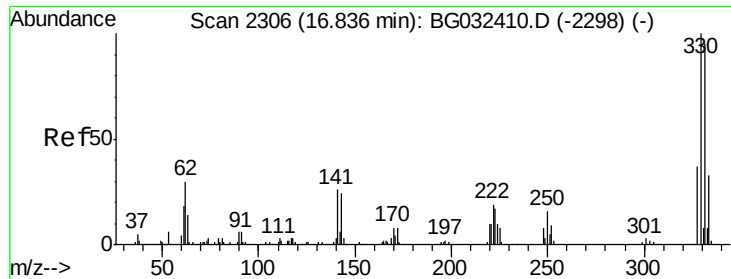
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG032607.D
 Acq: 7 Feb 2018 23:29

Tgt Ion	164	Resp	53822
Ion Ratio	Lower	Upper	
164	100		
162	103.8	78.8	118.2
160	44.9	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

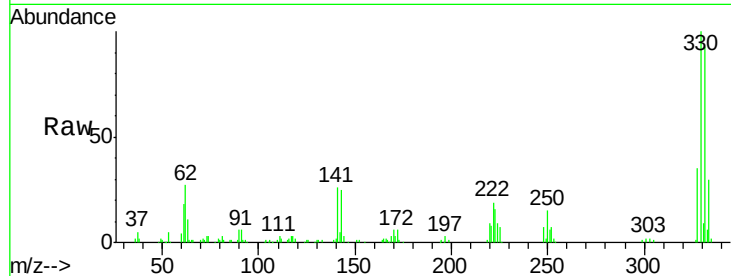




#41
 2,4,6-Tribromophenol
 Concen: 103.712 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG032607.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_G
 ClientSampleId :
 PB106365BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	25.6	25.2	37.8

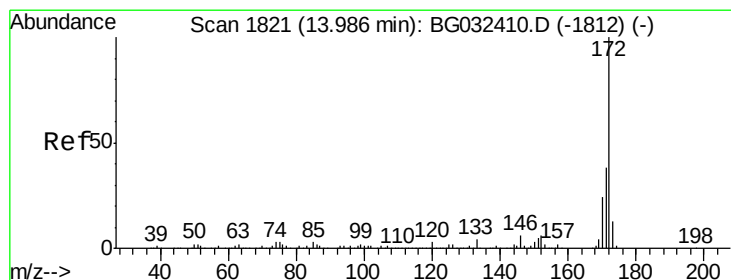
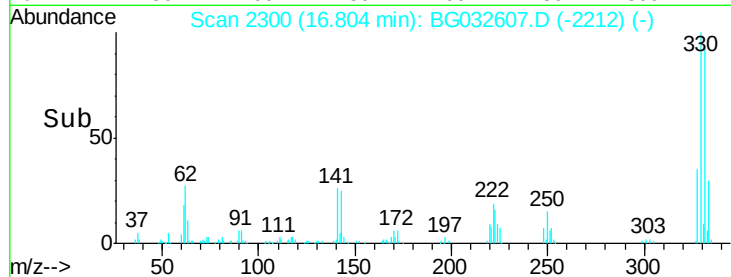
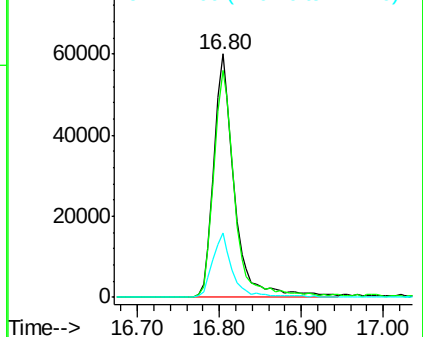


Abundance

Ion 329.80 (329.50 to 330.50): E

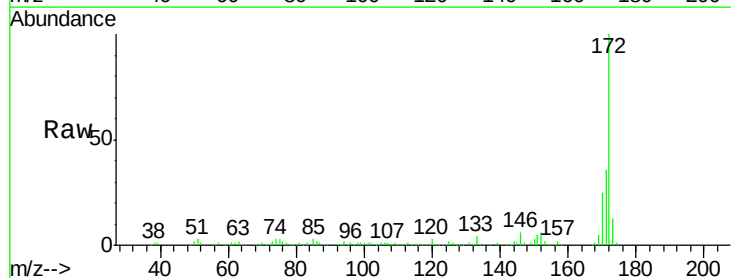
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.215 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032607.D
 Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	24.7	19.5	29.3

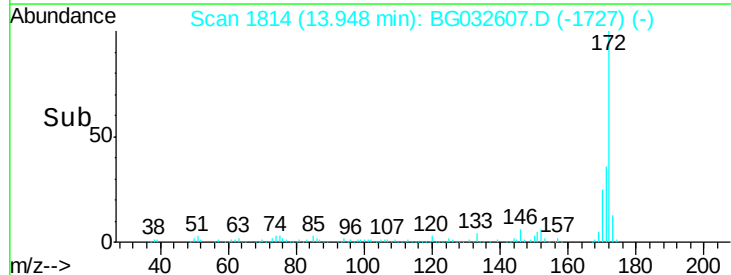
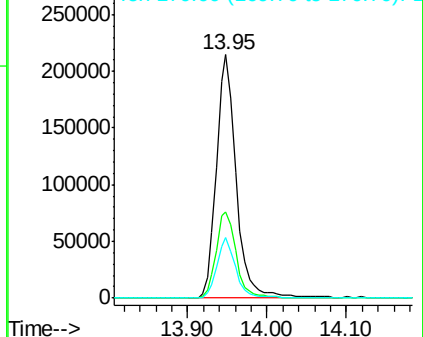


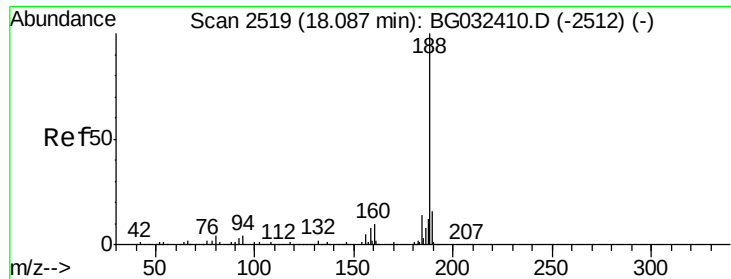
Abundance

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

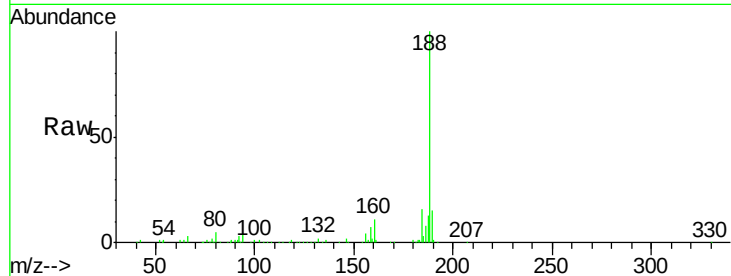




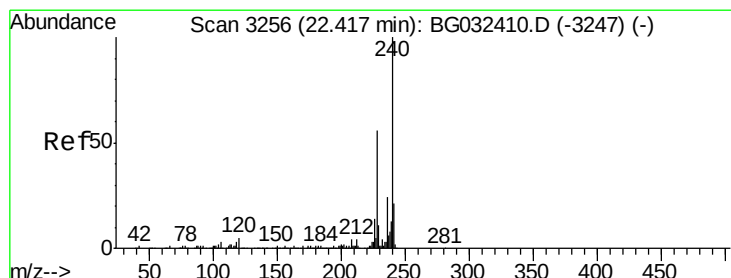
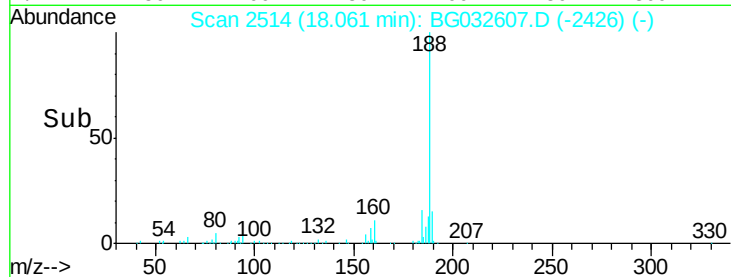
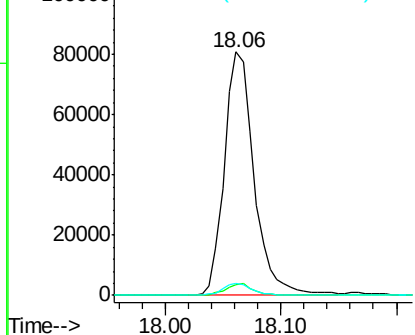
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.06 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BG032607.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_G
 ClientSampleId :
 PB106365BL

Tot Ion:188 Resp: 144812
 Ion Ratio Lower Upper
 188 100
 94 4.2 6.9 10.3#
 80 5.1 7.7 11.5#

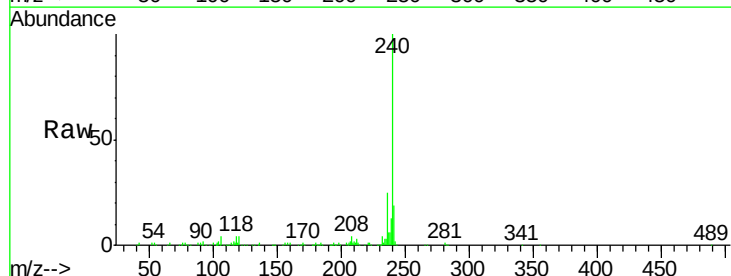


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

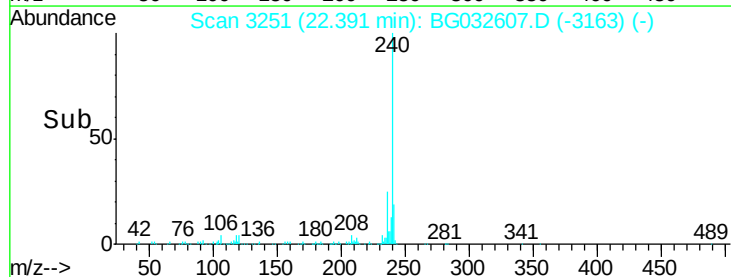
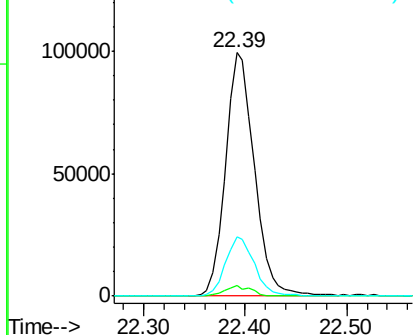


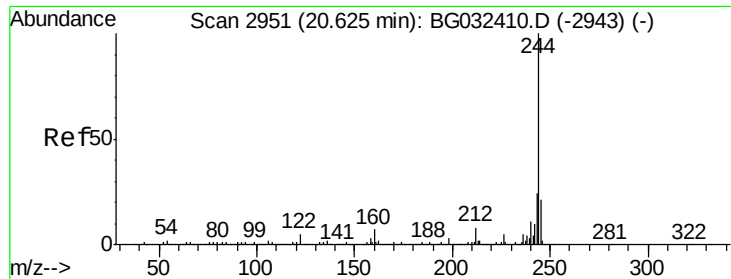
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.39 min Scan# 3251
 Delta R.T. -0.01 min
 Lab File: BG032607.D
 Acq: 7 Feb 2018 23:29

Tgt Ion:240 Resp: 196631
 Ion Ratio Lower Upper
 240 100
 120 4.3 6.8 10.2#
 236 24.5 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: 85.872 ng

RT: 20.61 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032607.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_G

ClientSampleId :

PB106365BL

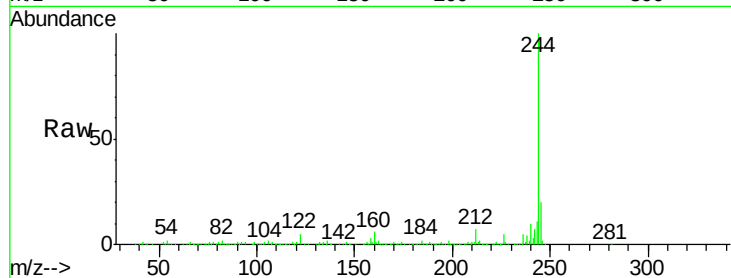
Tot Ion:244 Resp: 788254

Ion Ratio Lower Upper

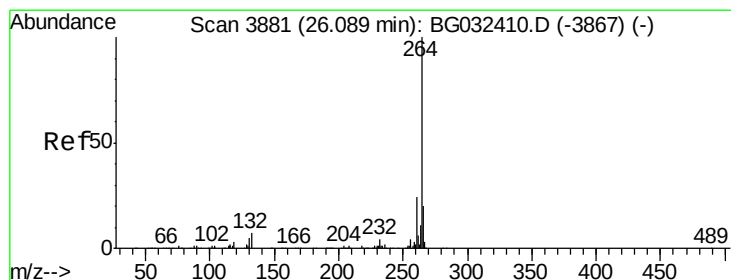
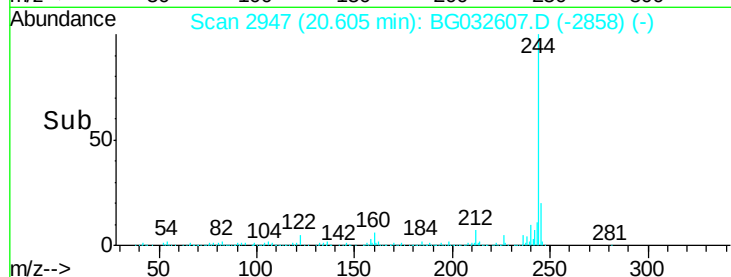
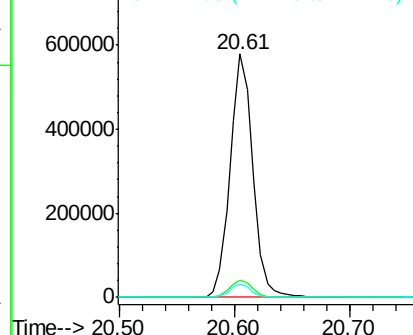
244 100

212 7.1 5.8 8.8

122 5.5 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: 26.06 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BG032607.D

Acq: 7 Feb 2018 23:29

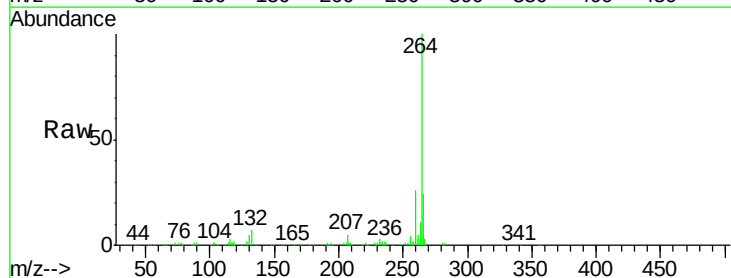
Tgt Ion:264 Resp: 213895

Ion Ratio Lower Upper

264 100

260 26.4 17.4 26.0#

265 24.2 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

