

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG032998.D
 Acq On : 5 Mar 2018 20:22
 Operator : SJ/JU
 Sample : PB107053BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107053BL

Quant Time: Mar 06 02:20:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	54801	20.00	ng	-0.01
21) Naphthalene-d8	11.80	136	245458	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	137526	20.00	ng	-0.01
63) Phenanthrene-d10	18.26	188	318408	20.00	ng	0.00
75) Chrysene-d12	22.61	240	299198	20.00	ng	-0.01
86) Perylene-d12	26.40	264	291091	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	486421	142.01	ng	0.00
7) Phenol-d6	8.01	99	652210	136.60	ng	0.00
23) Nitrobenzene-d5	10.11	82	382074	105.33	ng	-0.01
41) 2,4,6-Tribromophenol	17.00	330	198219	137.08	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	831215	87.17	ng	-0.01
78) Terphenyl-d14	20.77	244	1219102	91.54	ng	0.00

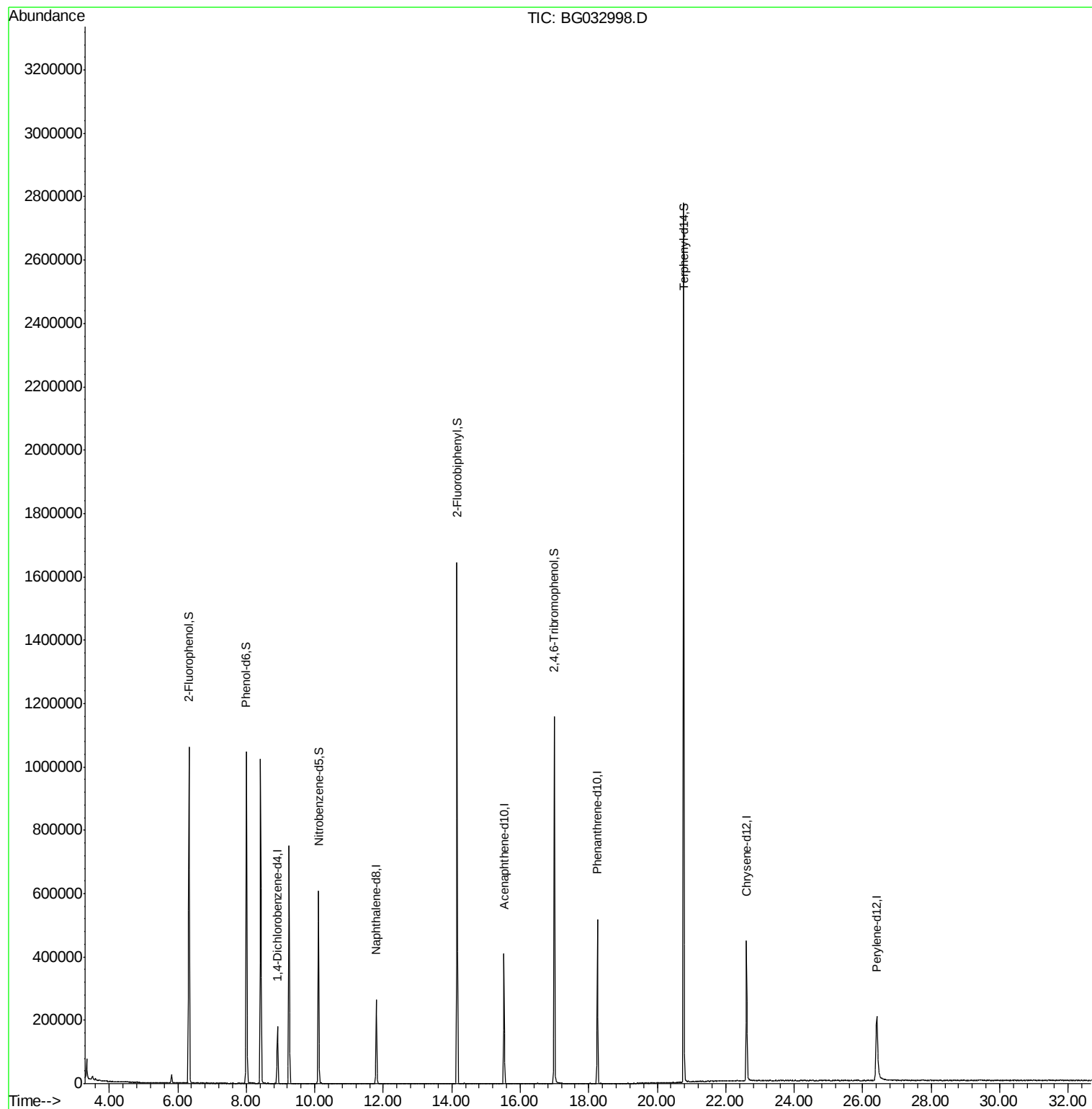
Target Compounds Qvalue

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

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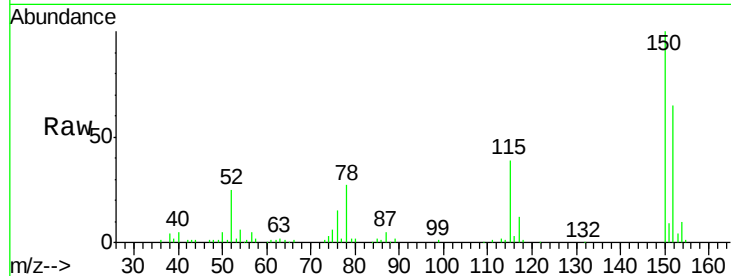


#1

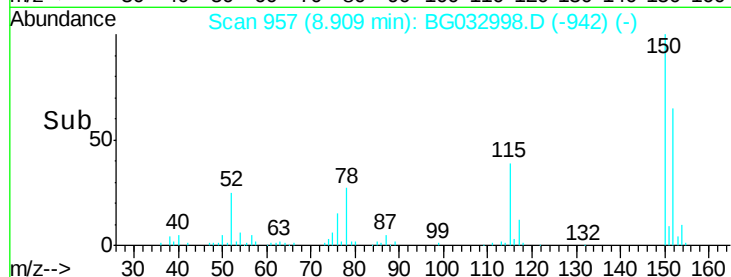
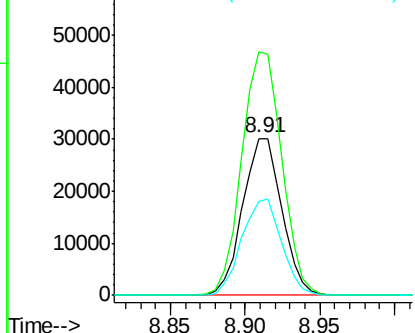
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG032998.D
Acq: 5 Mar 2018 20:22

Instrument :
BNA_G
ClientSampleId :
PB107053BL

Tot Ion:152 Resp: 54801
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 59.9 53.0 79.4



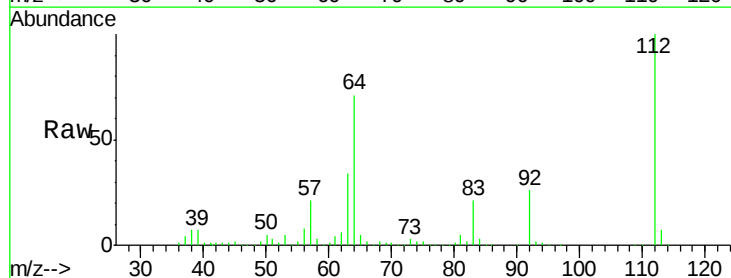
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



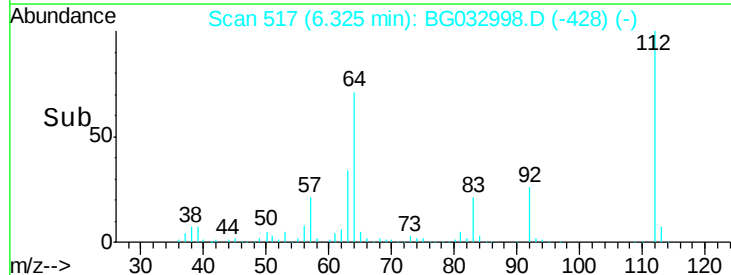
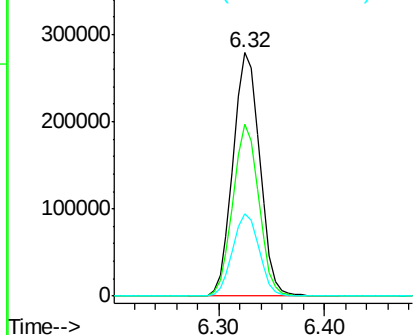
#5

2-Fluorophenol
Concen: 142.005 ng
RT: 6.32 min Scan# 517
Delta R.T. -0.01 min
Lab File: BG032998.D
Acq: 5 Mar 2018 20:22

Tgt Ion:112 Resp: 486421
Ion Ratio Lower Upper
112 100
64 70.7 56.3 84.5
63 34.0 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: 136.603 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032998.D

Acq: 5 Mar 2018 20:22

Instrument :

BNA_G

ClientSampleId :

PB107053BL

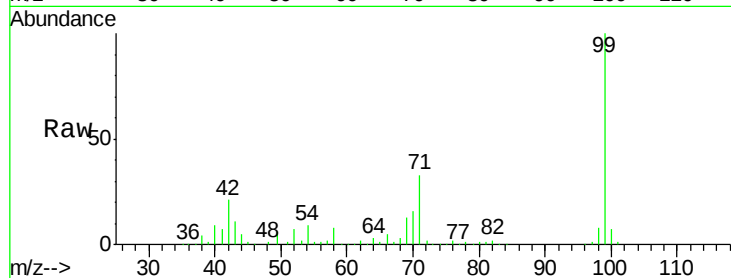
Tot Ion: 99 Resp: 652210

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.1	21.1
71	32.5	26.1	39.1

99 100

42 21.1 14.1 21.1

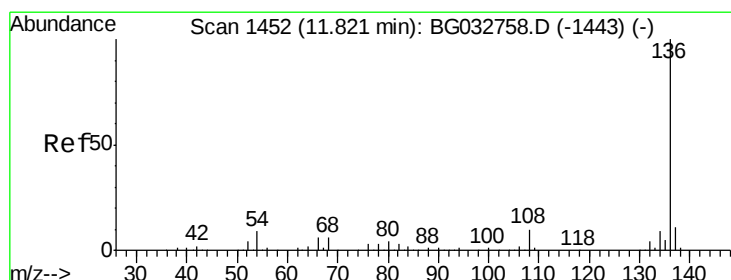
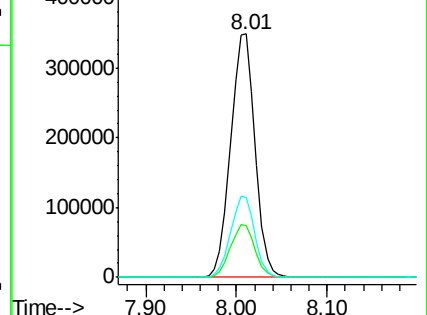
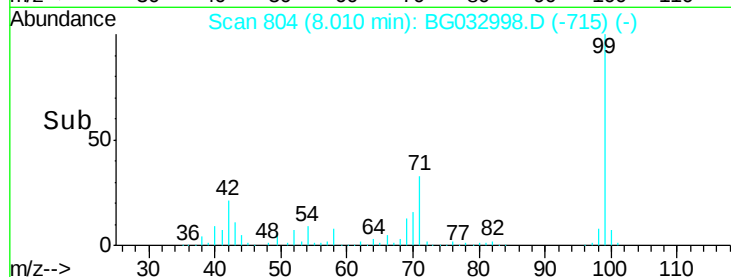
71 32.5 26.1 39.1



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: 11.80 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BG032998.D

Acq: 5 Mar 2018 20:22

Tgt Ion:136 Resp: 245458

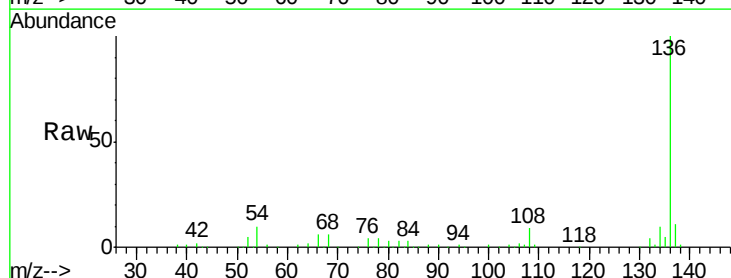
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	10.1	10.3	15.5#
68	6.0	4.5	6.7

136 100

137 10.5 9.2 13.8

54 10.1 10.3 15.5#

68 6.0 4.5 6.7

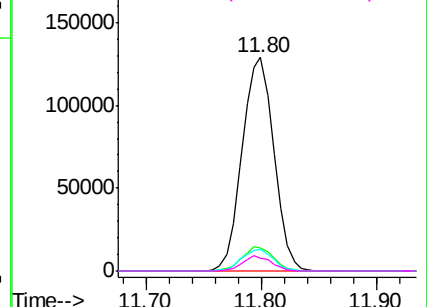
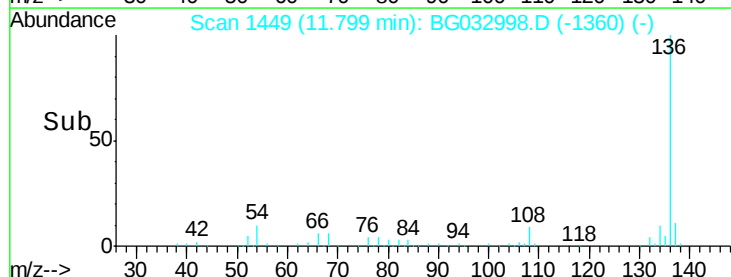


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

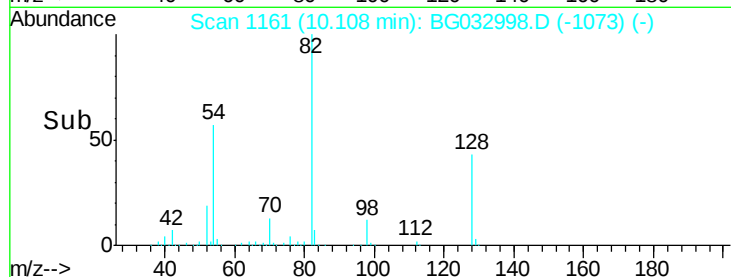
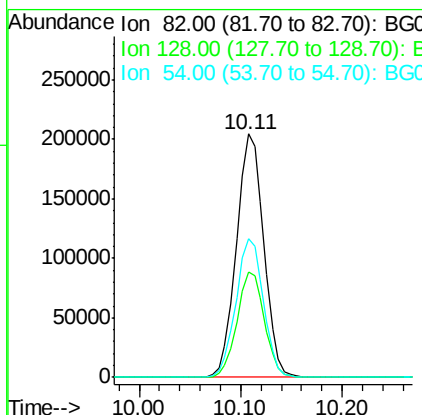
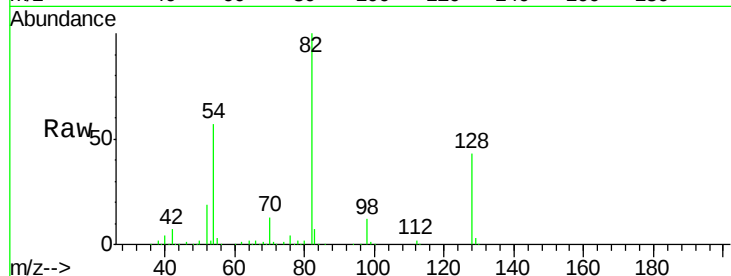




#23
 Nitrobenzene-d5
 Concen: 105.334 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG032998.D
 Acq: 5 Mar 2018 20:22

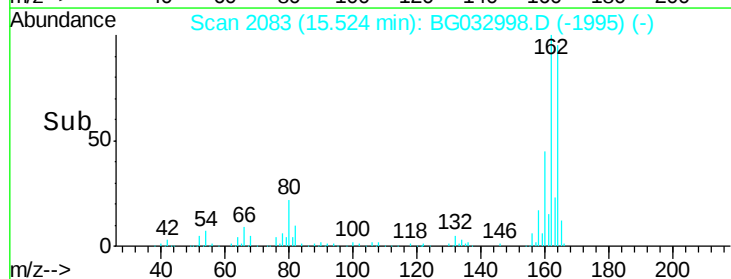
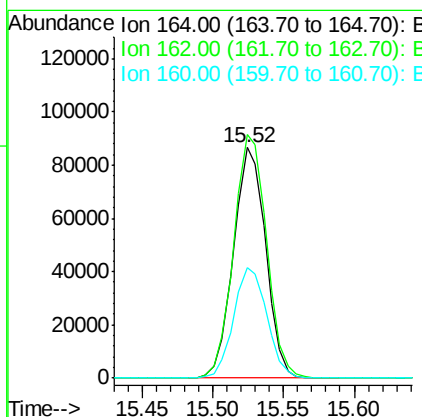
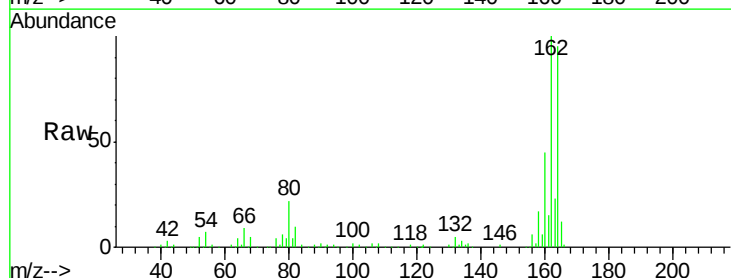
Instrument :
 BNA_G
 ClientSampleId :
 PB107053BL

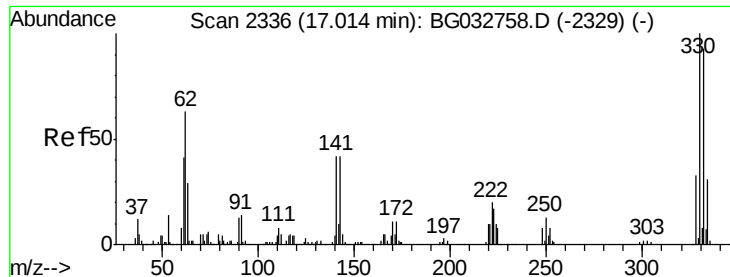
Tot Ion	82	Resp	382074
Ion Ratio	Lower	Upper	
82	100		
128	43.4	29.7	44.5
54	57.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BG032998.D
 Acq: 5 Mar 2018 20:22

Tgt Ion	164	Resp	137526
Ion Ratio	Lower	Upper	
164	100		
162	105.7	78.8	118.2
160	48.1	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 137.077 ng

RT: 17.00 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BG032998.D

Acq: 5 Mar 2018 20:22

Instrument :

BNA_G

ClientSampleId :

PB107053BL

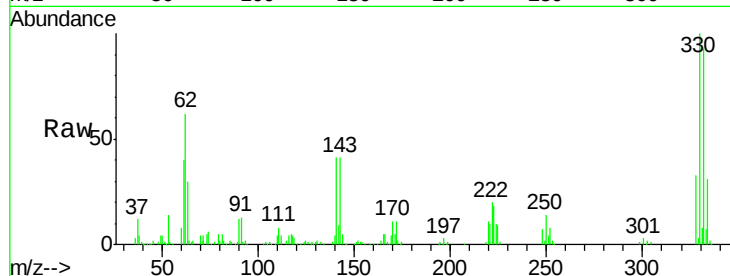
Tot Ion:330 Resp: 198219

Ion Ratio Lower Upper

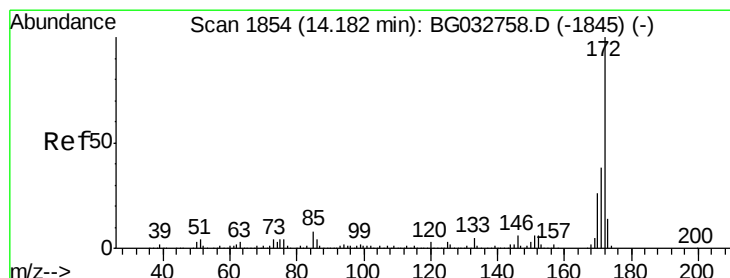
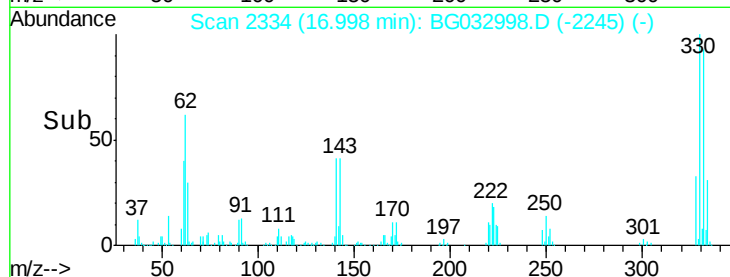
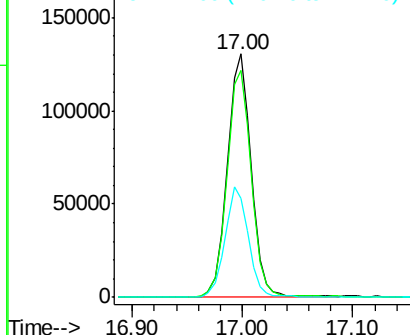
330 100

332 95.0 77.0 115.6

141 44.4 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: 87.171 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BG032998.D

Acq: 5 Mar 2018 20:22

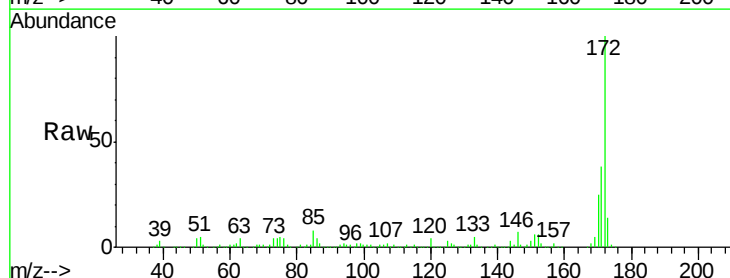
Tgt Ion:172 Resp: 831215

Ion Ratio Lower Upper

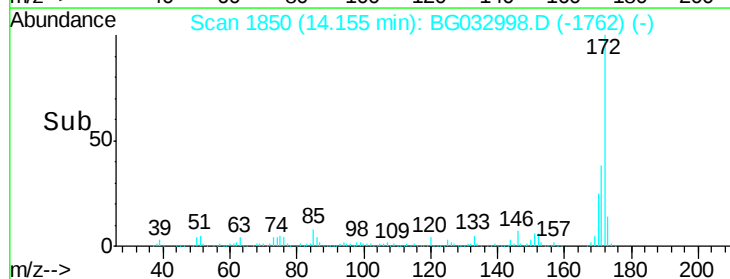
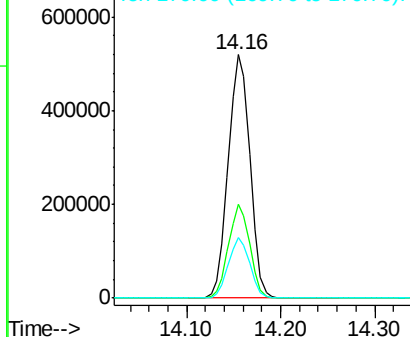
172 100

171 38.4 30.0 45.0

170 24.9 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

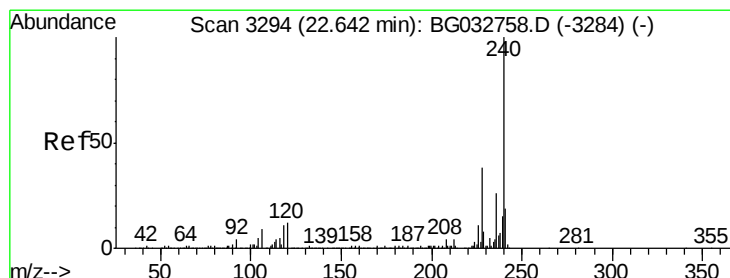
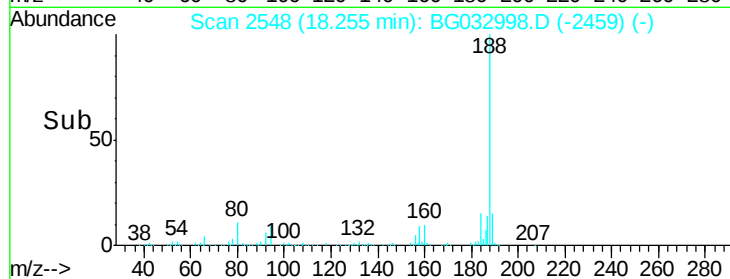
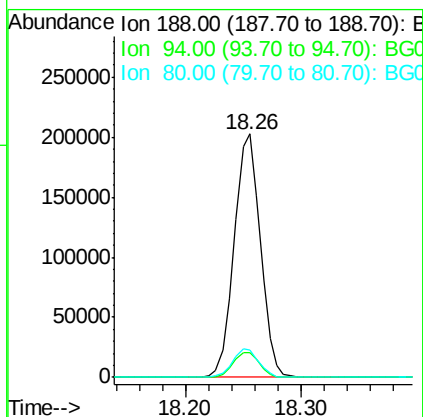
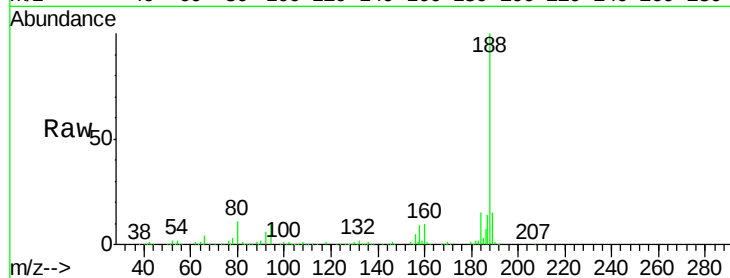




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032998.D
Acq: 5 Mar 2018 20:22

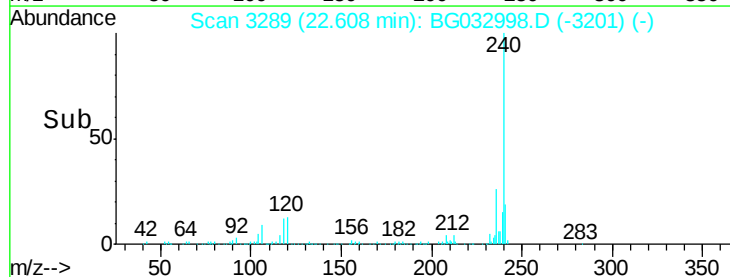
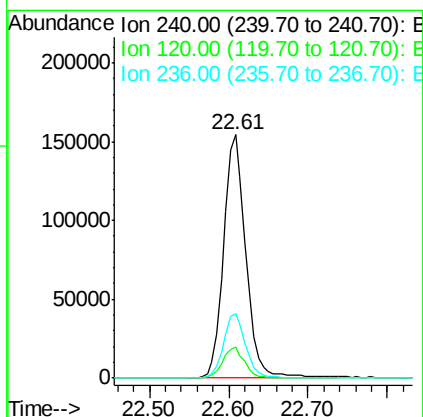
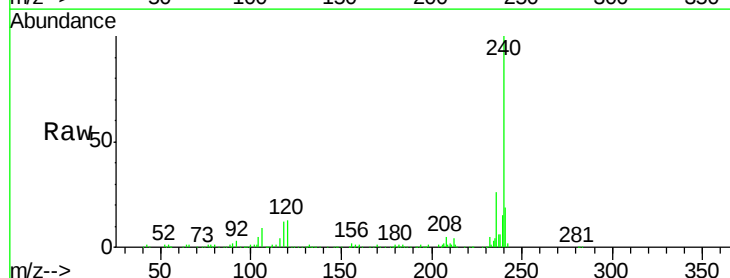
Instrument :
BNA_G
ClientSampleID :
PB107053BL

Tot Ion:188 Resp: 318408
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 11.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.01 min
Lab File: BG032998.D
Acq: 5 Mar 2018 20:22

Tgt Ion:240 Resp: 299198
Ion Ratio Lower Upper
240 100
120 12.6 6.8 10.2#
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 91.544 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BG032998.D

Acq: 5 Mar 2018 20:22

Instrument :

BNA_G

ClientSampleId :

PB107053BL

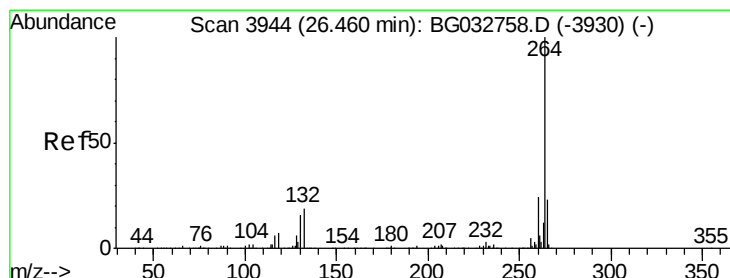
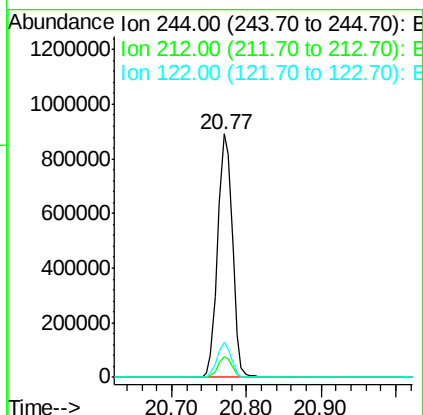
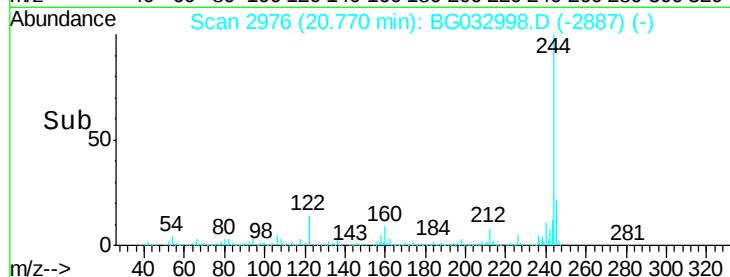
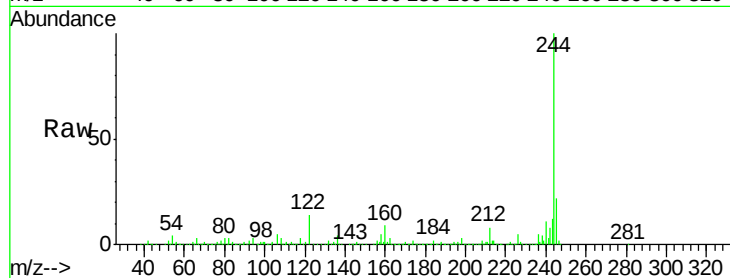
Tot Ion:244 Resp: 1219102

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

122 14.3 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3935

Delta R.T. -0.02 min

Lab File: BG032998.D

Acq: 5 Mar 2018 20:22

Tgt Ion:264 Resp: 291091

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.9 17.7 26.5

