

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041117\
 Data File : BG026623.D
 Acq On : 11 Apr 2017 19:07
 Operator : SJ/MA
 Sample : PB98180BL
 Misc : For Confirmation
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98180BL

Quant Time: Apr 12 05:25:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	158583	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	648055	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	383738	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	955396	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1246830	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1171955	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1209822	135.41	ng	0.00
7) Phenol-d6	7.19	99	1559261	129.99	ng	-0.01
23) Nitrobenzene-d5	9.19	82	820352	76.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	654304	148.89	ng	-0.02
44) 2-Fluorobiphenyl	13.27	172	2287742	83.61	ng	-0.01
78) Terphenyl-d14	19.97	244	3467979	67.55	ng	-0.01

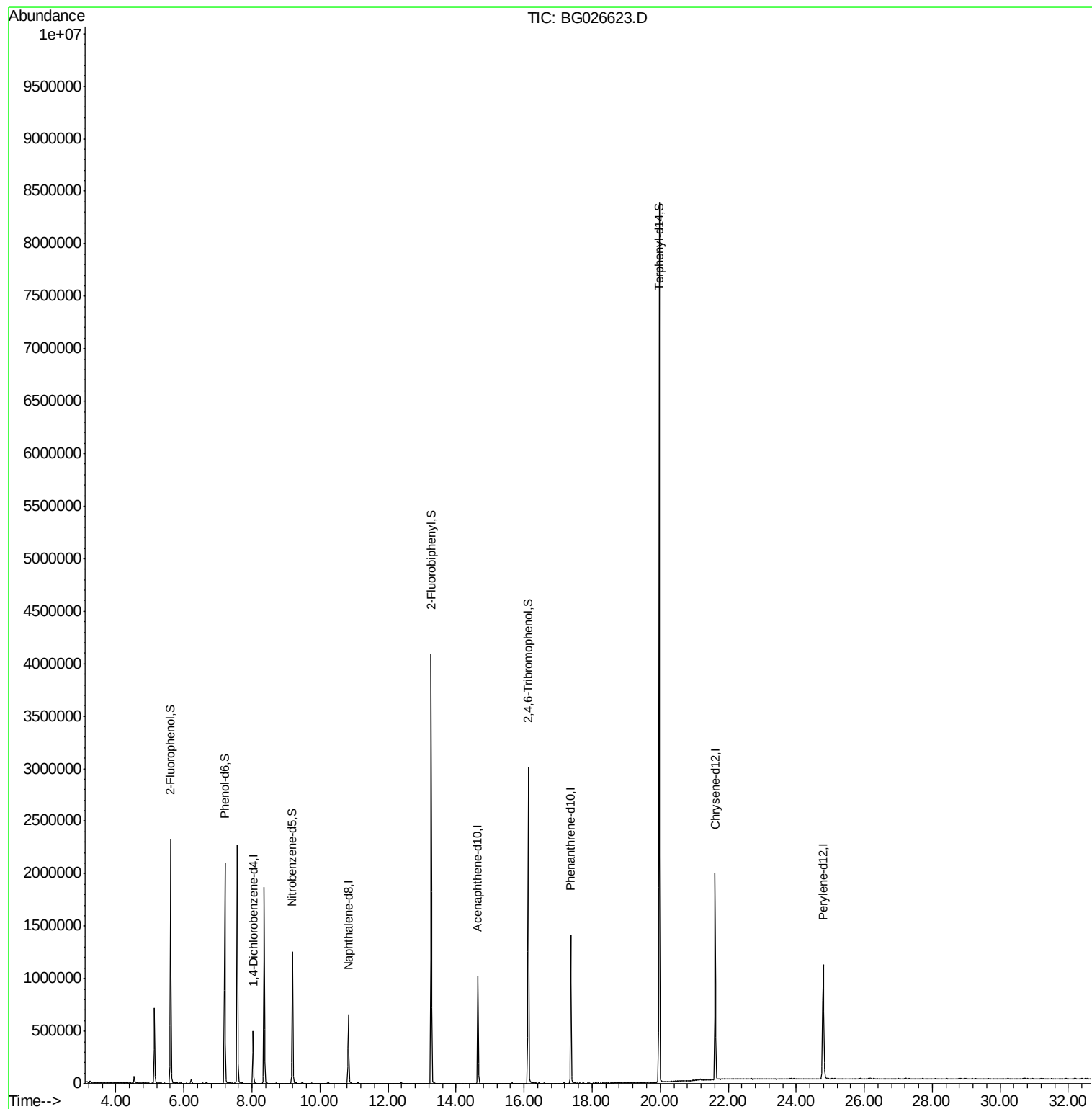
Target Compounds Qvalue

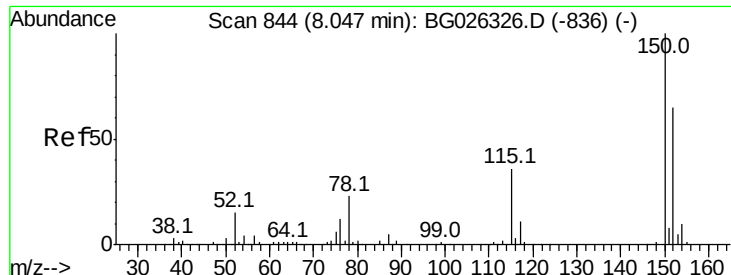
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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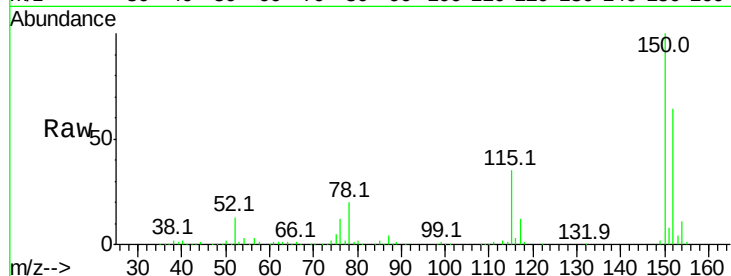


#1

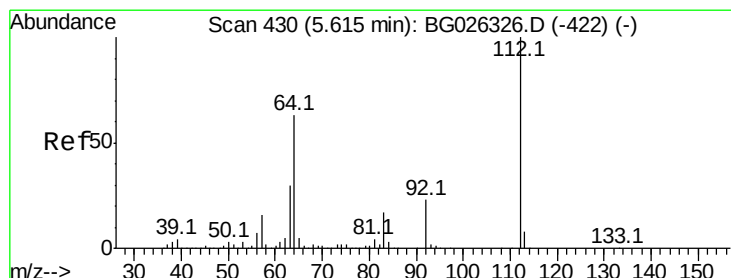
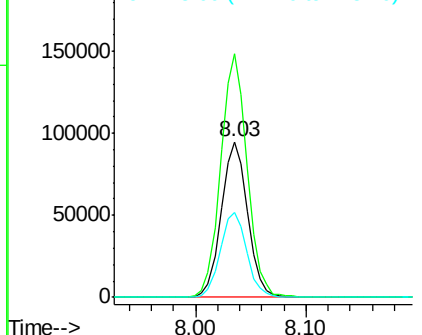
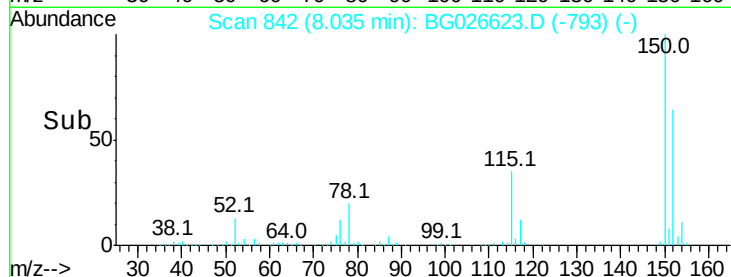
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG026623.D
Acq: 11 Apr 2017 19:07

Instrument :
BNA_G
ClientSampleId :
PB98180BL

Tot Ion:152 Resp: 158583
Ion Ratio Lower Upper
152 100
150 156.6 114.0 171.0
115 54.8 48.1 72.1



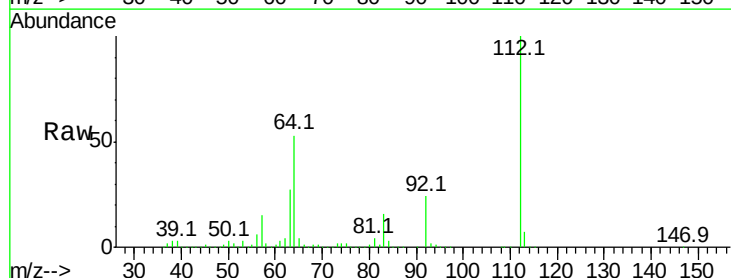
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



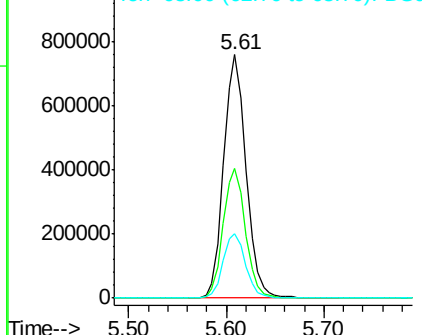
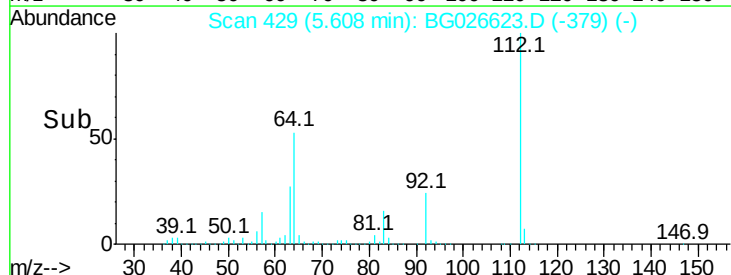
#5

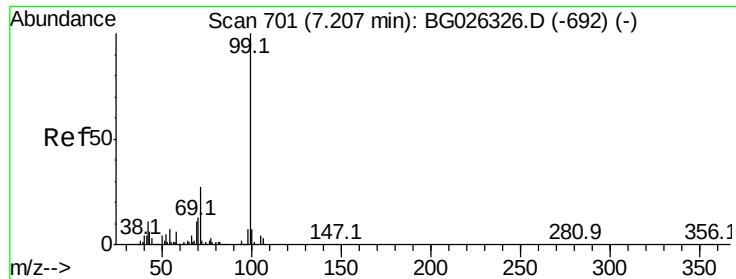
2-Fluorophenol
Concen: 135.41 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG026623.D
Acq: 11 Apr 2017 19:07

Tgt Ion:112 Resp: 1209822
Ion Ratio Lower Upper
112 100
64 53.2 61.8 92.6#
63 26.5 37.2 55.8#



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: 129.99 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG026623.D

Acq: 11 Apr 2017 19:07

Instrument :

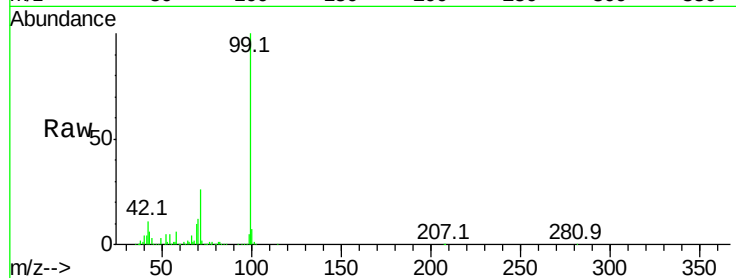
BNA_G

ClientSampleId :

PB98180BL

Tot Ion: 99 Resp: 1559261

Ion	Ratio	Lower	Upper
99	100		
42	10.6	20.5	30.7#
71	26.3	37.6	56.4#

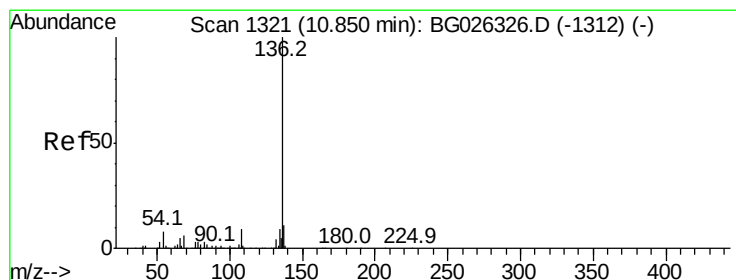
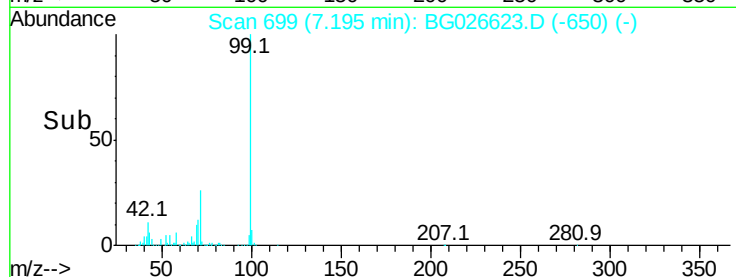
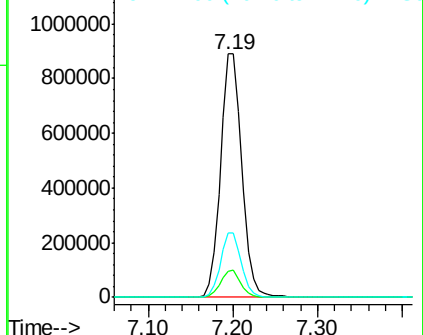


Abundance

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: 20.00 ng

RT: 10.83 min Scan# 1318

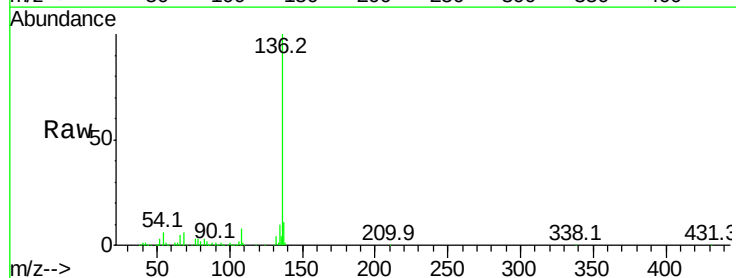
Delta R.T. -0.02 min

Lab File: BG026623.D

Acq: 11 Apr 2017 19:07

Tgt Ion: 136 Resp: 648055

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	5.9	9.3	13.9#
68	5.7	5.1	7.7



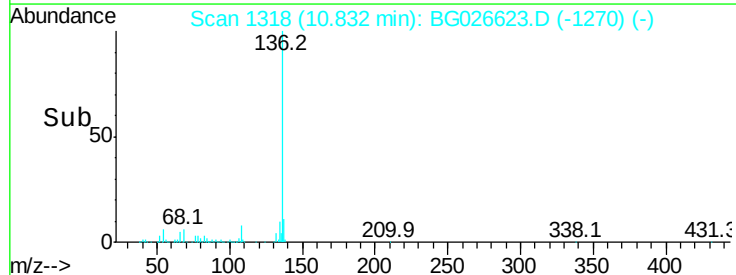
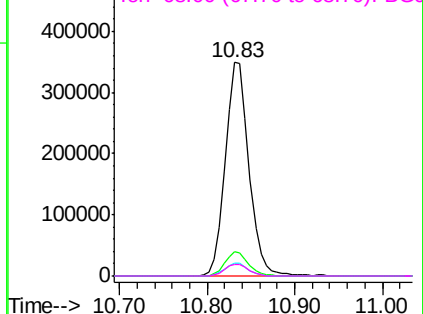
Abundance

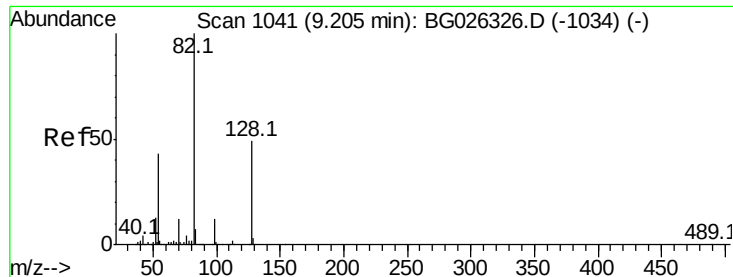
Ion 136.00 (135.70 to 136.70): BGC

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

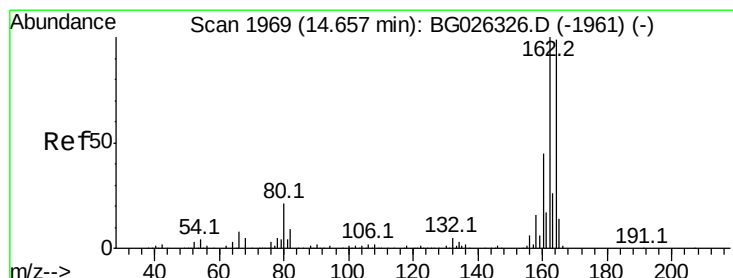
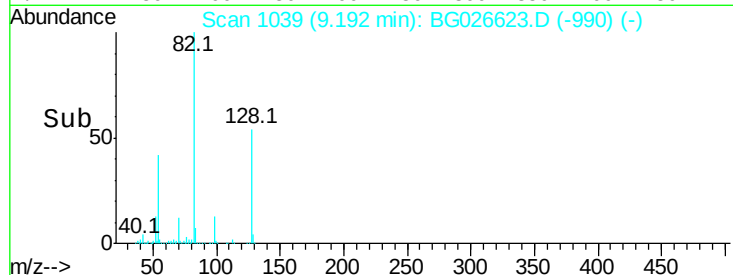
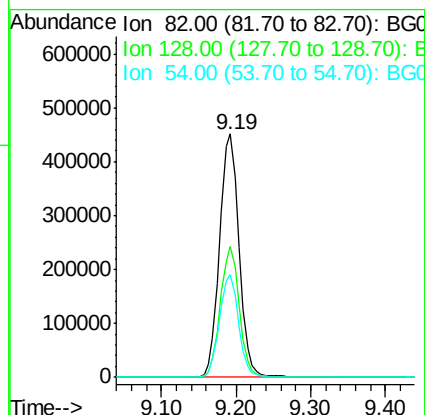
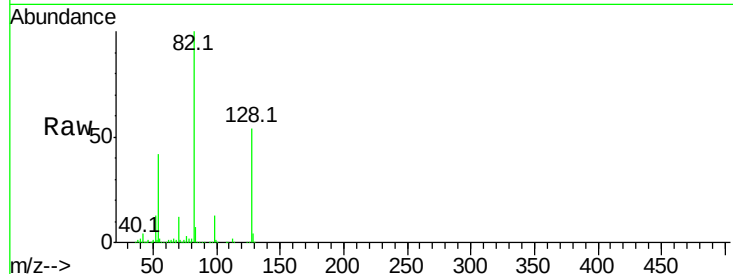




#23
 Nitrobenzene-d5
 Concen: 76.11 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG026623.D
 Acq: 11 Apr 2017 19:07

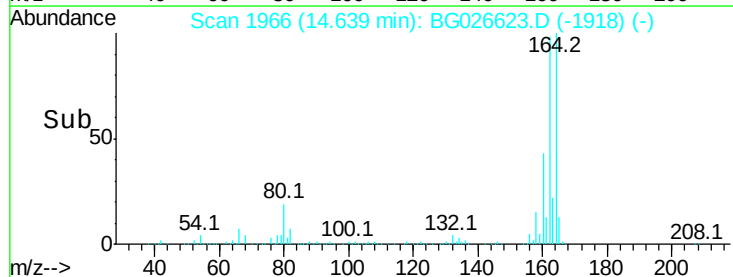
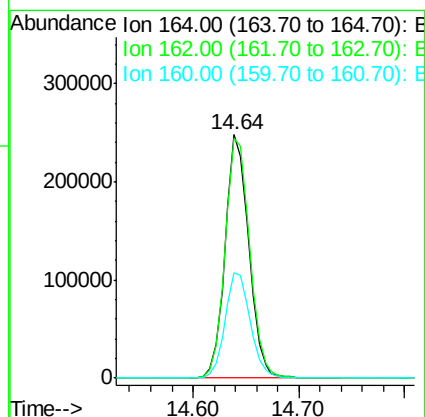
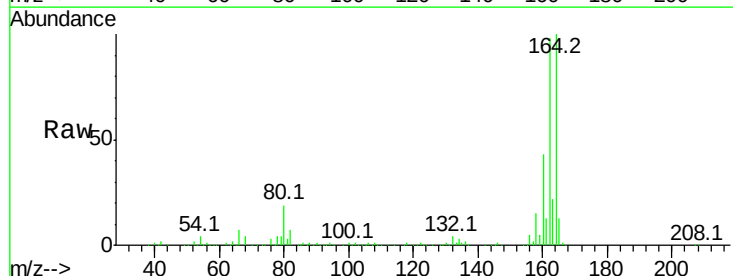
Instrument :
 BNA_G
 ClientSampleId :
 PB98180BL

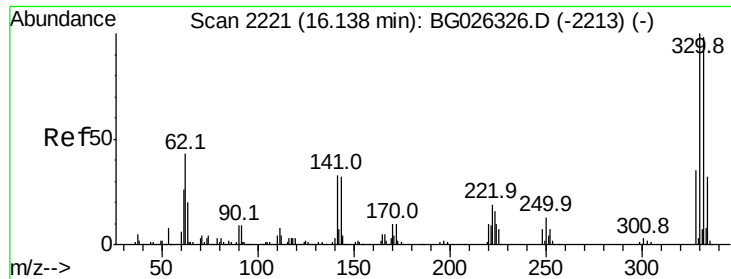
Tot Ion	82	Resp	820352
Ion Ratio	100	Lower	Upper
128	53.7	26.4	39.6#
54	42.3	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026623.D
 Acq: 11 Apr 2017 19:07

Tgt Ion	164	Resp	383738
Ion Ratio	100	Lower	Upper
162	98.3	85.1	127.7
160	43.1	34.7	52.1

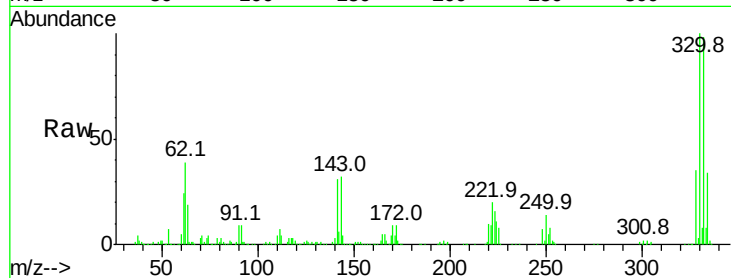




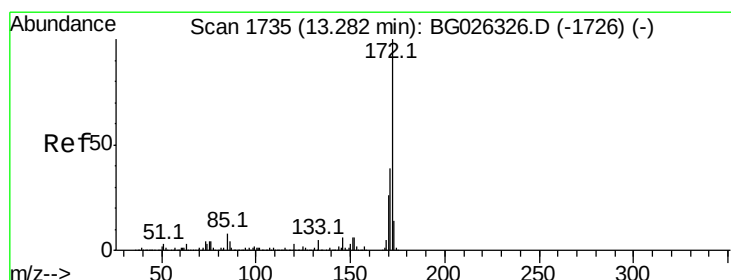
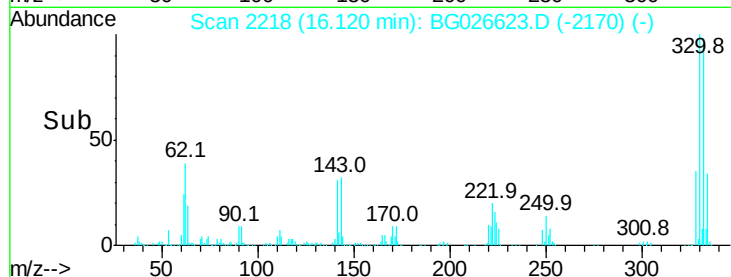
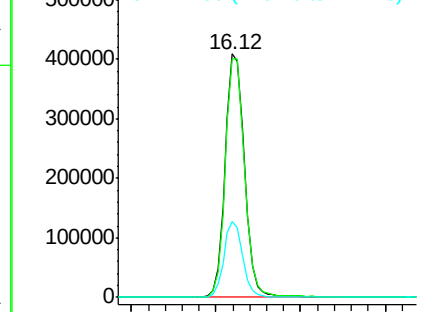
#41
 2,4,6-Tribromophenol
 Concen: 148.89 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BG026623.D
 Acq: 11 Apr 2017 19:07

Instrument :
 BNA_G
 ClientSampled :
 PB98180BL

Tot Ion:330 Resp: 654304
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.3 115.9
 141 30.3 32.1 48.1#

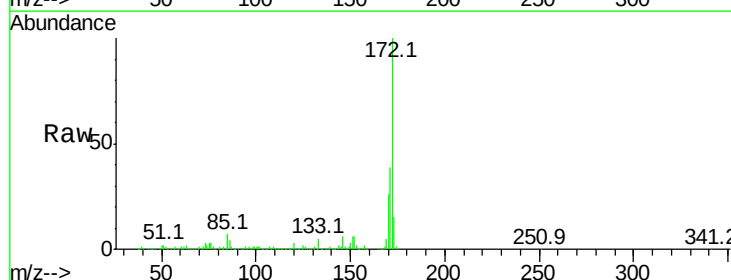


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

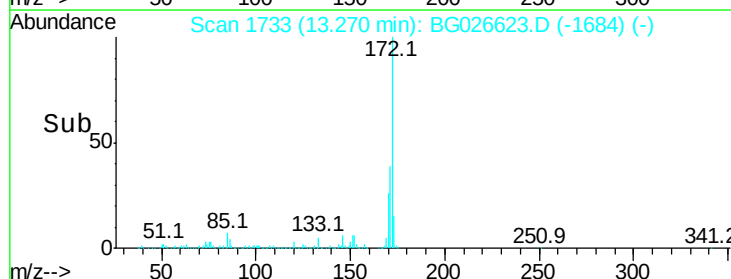
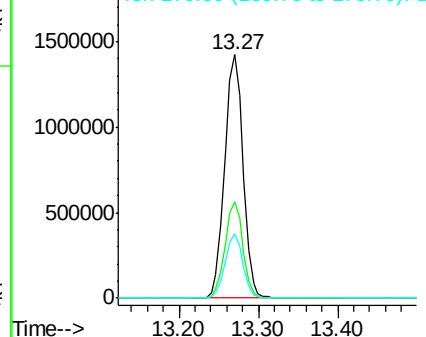


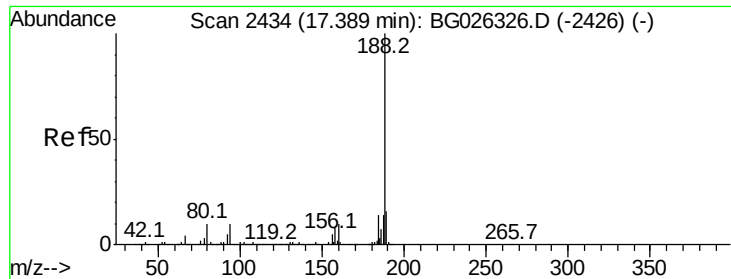
#44
 2-Fluorobiphenyl
 Concen: 83.61 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026623.D
 Acq: 11 Apr 2017 19:07

Tgt Ion:172 Resp: 2287742
 Ion Ratio Lower Upper
 172 100
 171 39.5 32.2 48.2
 170 26.2 21.8 32.6



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

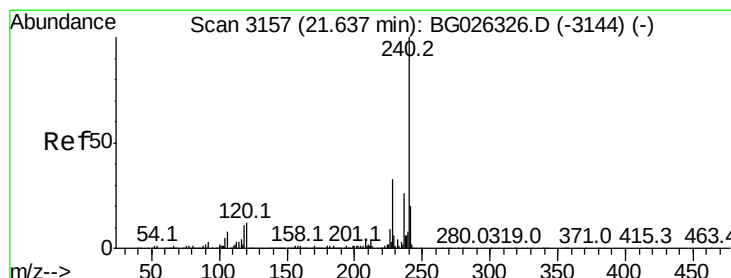
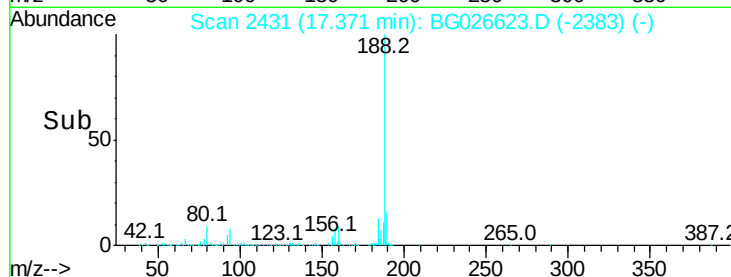
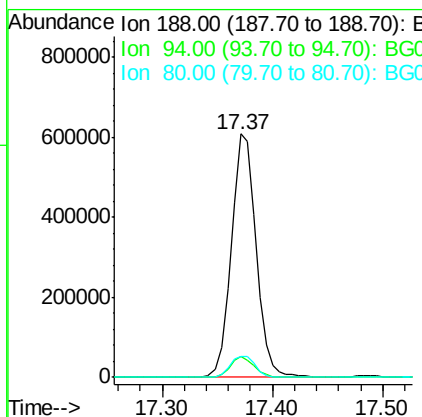
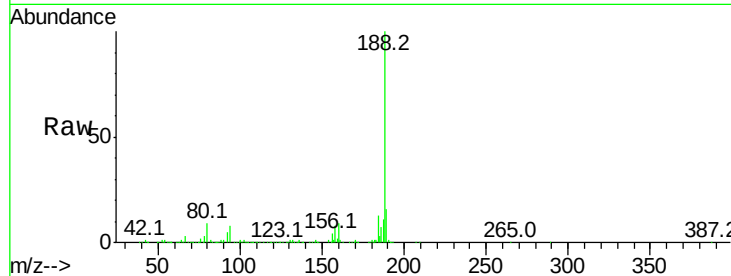




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026623.D
Acq: 11 Apr 2017 19:07

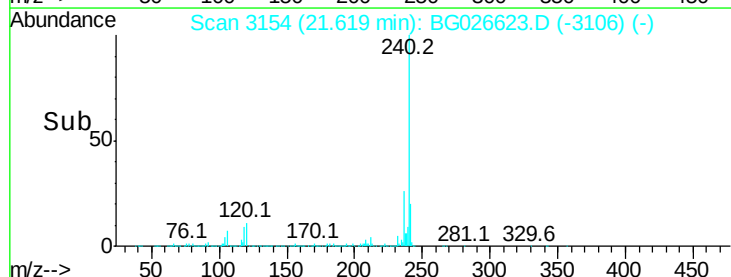
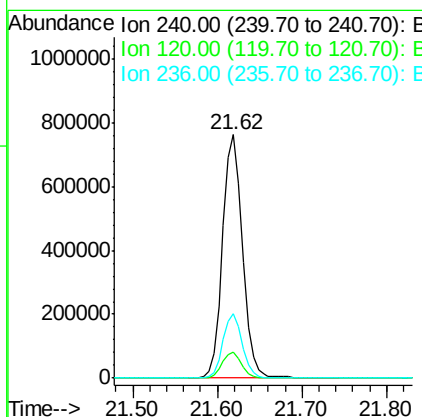
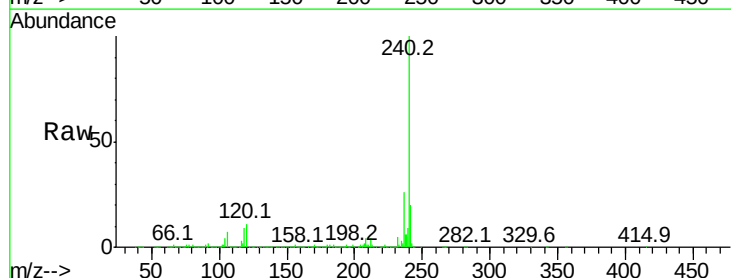
Instrument :
BNA_G
ClientSampleId :
PB98180BL

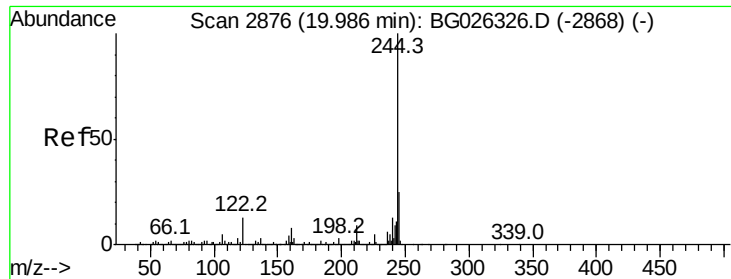
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	5.8	8.8
80	8.7	7.5	11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG026623.D
Acq: 11 Apr 2017 19:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	5.7	8.5#
236	26.3	22.2	33.4





#78

Terphenyl-d14

Concen: 67.55 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026623.D

Acq: 11 Apr 2017 19:07

Instrument :

BNA_G

ClientSampleId :

PB98180BL

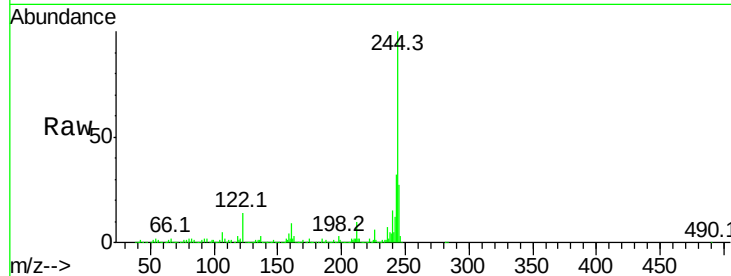
Tot Ion:244 Resp: 3467979

Ion Ratio Lower Upper

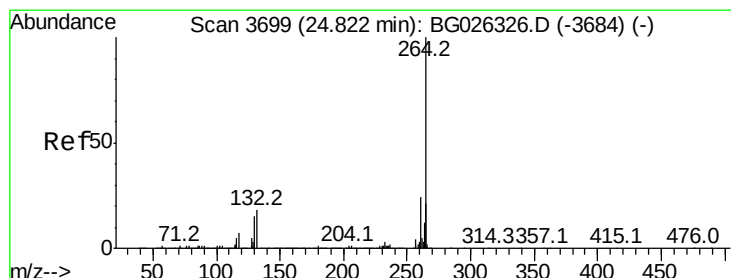
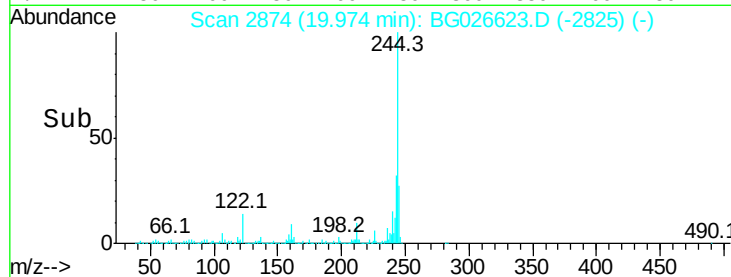
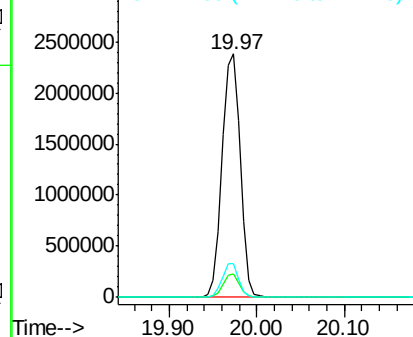
244 100

212 9.8 10.0 15.0#

122 13.9 8.6 12.8#



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: 20.00 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.03 min

Lab File: BG026623.D

Acq: 11 Apr 2017 19:07

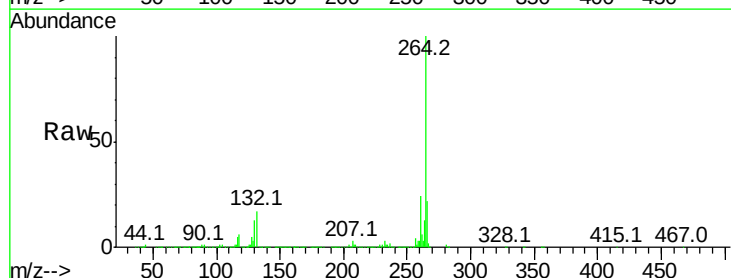
Tgt Ion:264 Resp: 1171955

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 21.7 18.2 27.4



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

