

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026346.D
 Acq On : 21 Mar 2017 3:37
 Operator : SJ/MA
 Sample : PB97680BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BL

Quant Time: Mar 21 05:28:52 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	8.05	152	105774	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	444386	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	256412	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	627912	20.00	ng	0.00
75) Chrysene-d12	21.63	240	803996	20.00	ng	0.00
86) Perylene-d12	24.81	264	764798	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	919579	154.31	ng	0.00
7) Phenol-d6	7.21	99	1201736	150.20	ng	0.00
23) Nitrobenzene-d5	9.20	82	638087	86.34	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	447692	152.47	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1691554	92.51	ng	0.00
78) Terphenyl-d14	19.98	244	2535864	76.60	ng	0.00

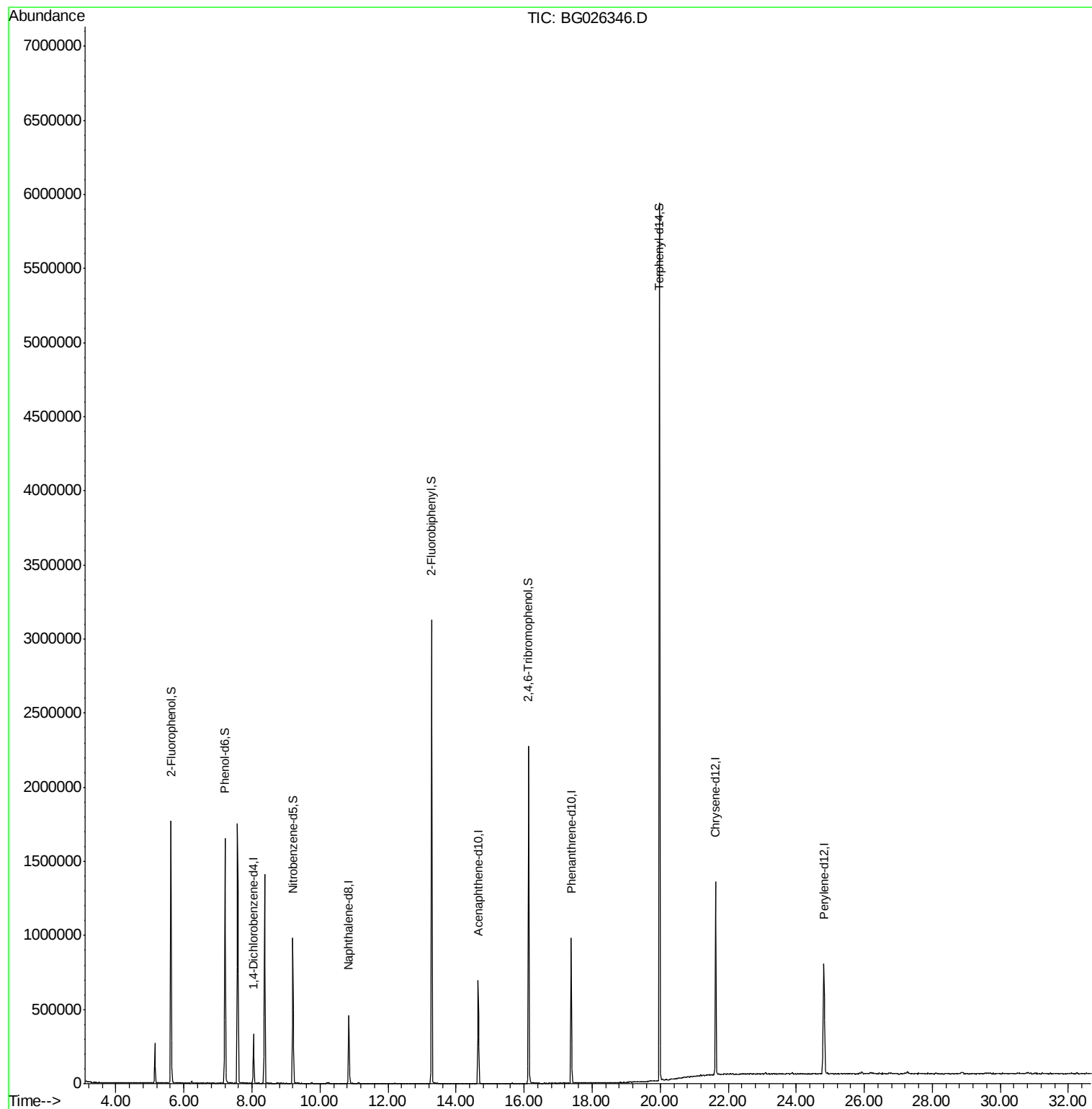
Target Compounds Qvalue

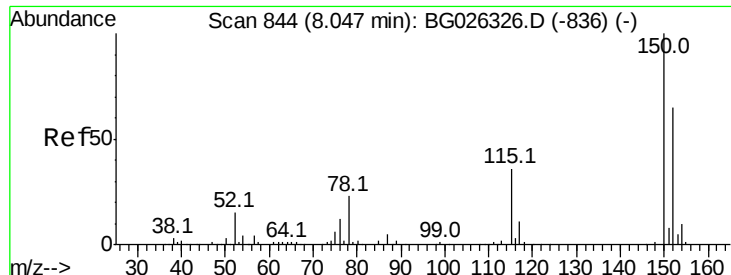
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG026346.D

Acq: 21 Mar 2017 3:37

Instrument :

BNA_G

ClientSampled :

PB97680BL

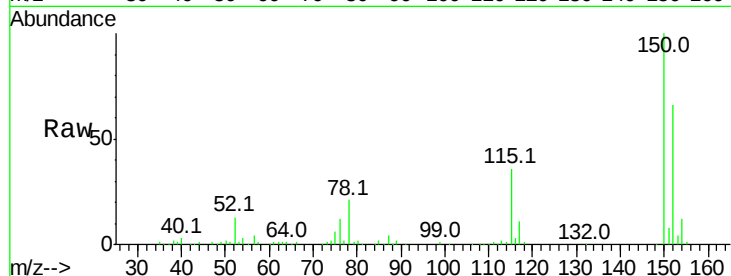
Tot Ion:152 Resp: 105774

Ion Ratio Lower Upper

152 100

150 151.8 114.0 171.0

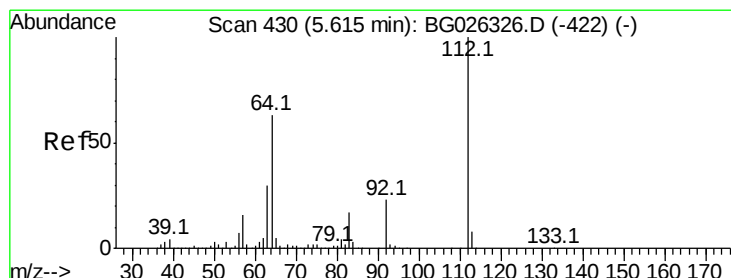
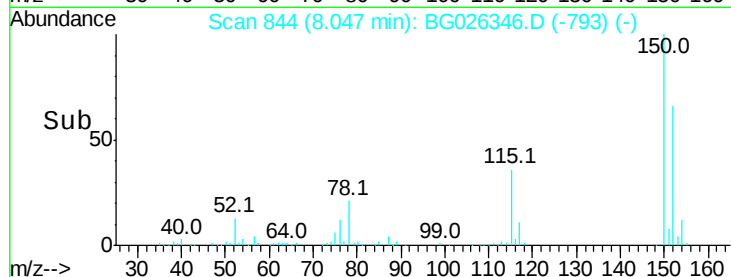
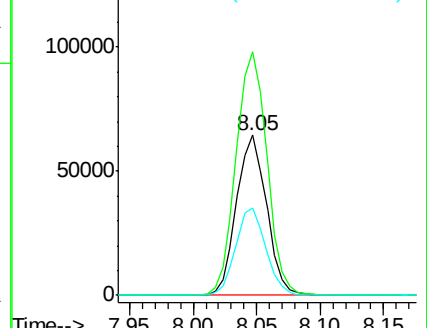
115 54.8 48.1 72.1



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: 154.31 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG026346.D

Acq: 21 Mar 2017 3:37

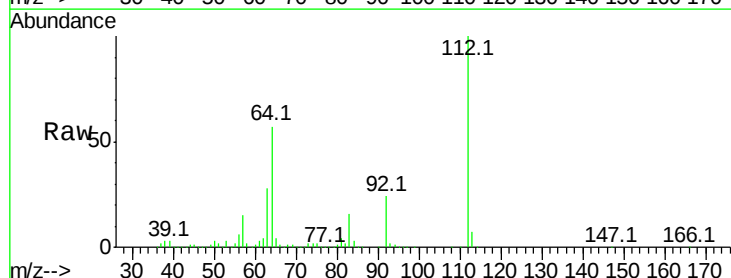
Tgt Ion:112 Resp: 919579

Ion Ratio Lower Upper

112 100

64 57.3 61.8 92.6#

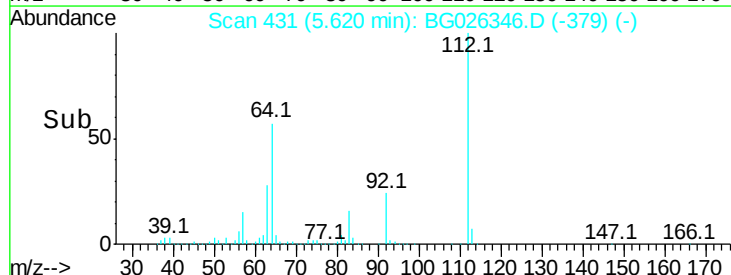
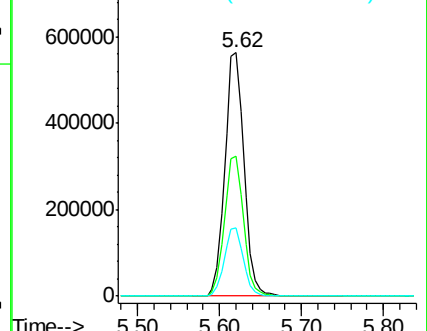
63 27.9 37.2 55.8#



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: 150.20 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026346.D

Acq: 21 Mar 2017 3:37

Instrument :

BNA_G

ClientSampleId :

PB97680BL

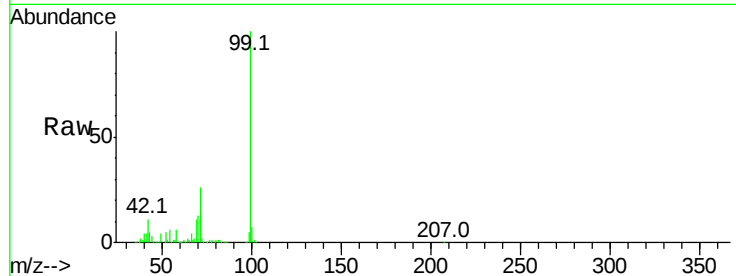
Tot Ion: 99 Resp: 1201736

Ion Ratio Lower Upper

99 100

42 10.6 20.5 30.7#

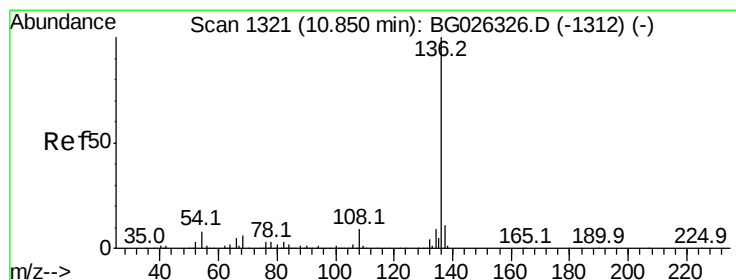
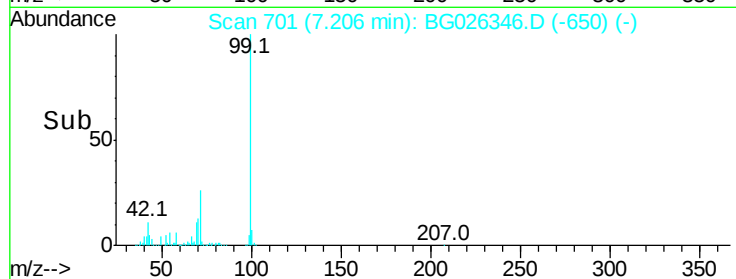
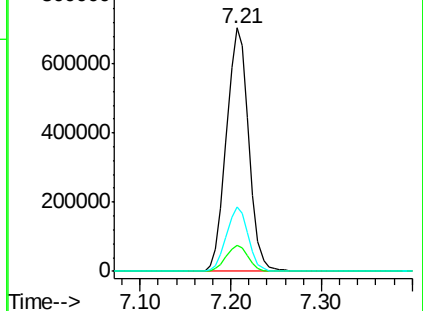
71 26.3 37.6 56.4#



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: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026346.D

Acq: 21 Mar 2017 3:37

Tgt Ion: 136 Resp: 444386

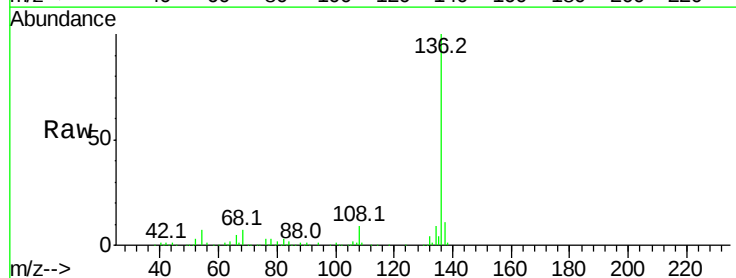
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.7 9.3 13.9#

68 6.6 5.1 7.7

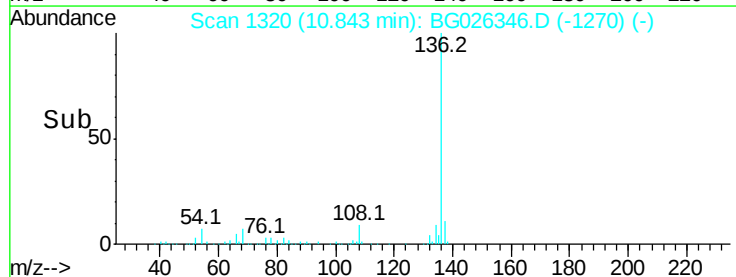
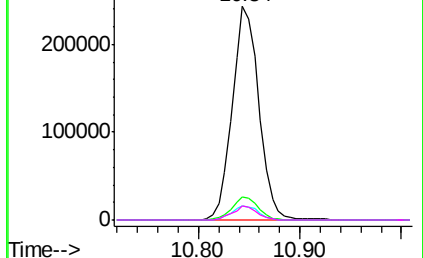


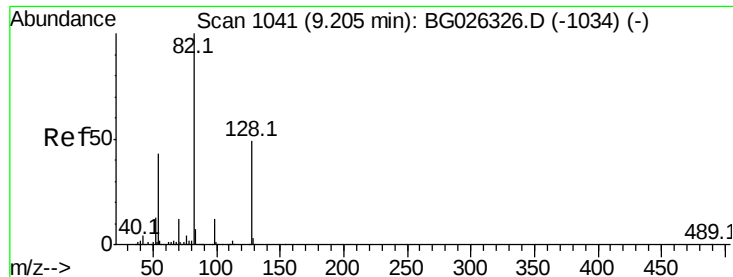
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

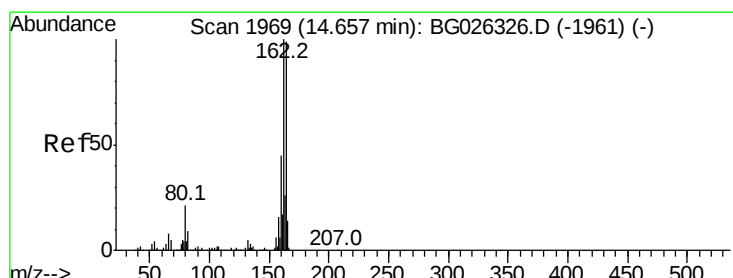
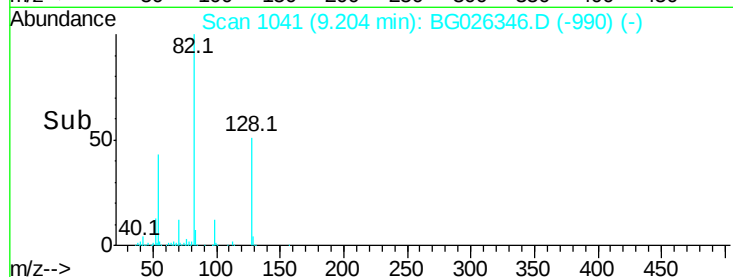
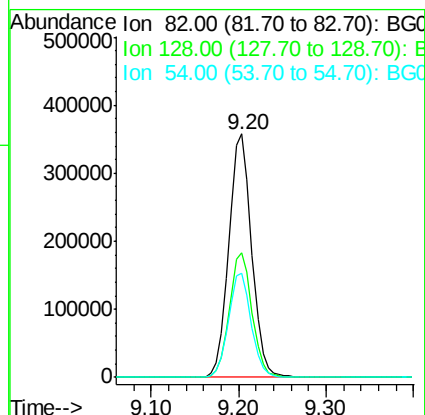
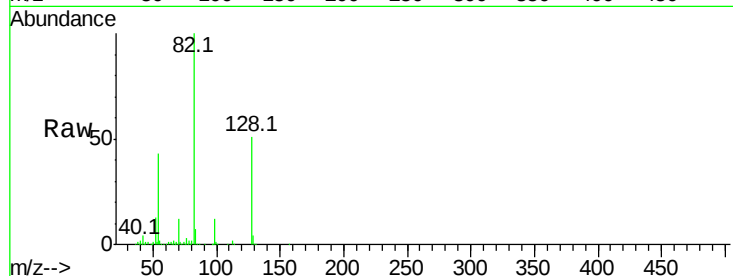




#23
 Nitrobenzene-d5
 Concen: 86.34 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG026346.D
 Acq: 21 Mar 2017 3:37

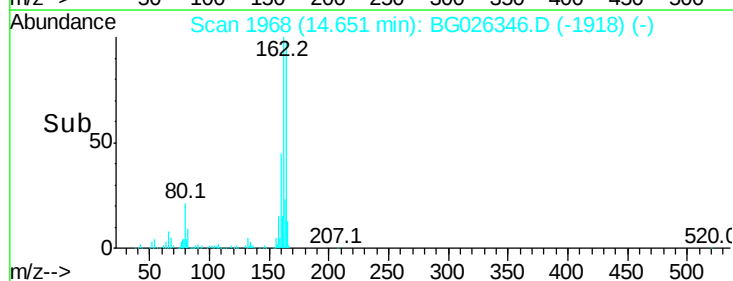
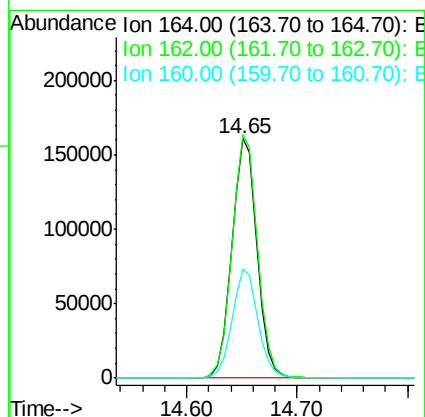
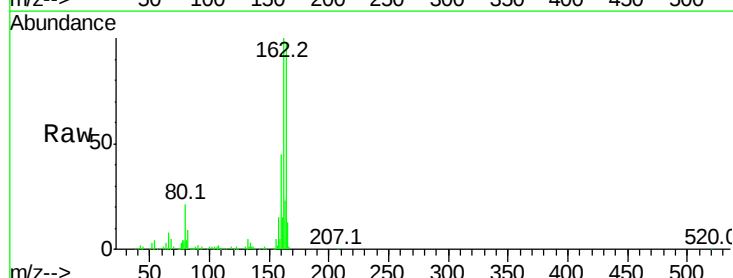
Instrument :
 BNA_G
 ClientSampleId :
 PB97680BL

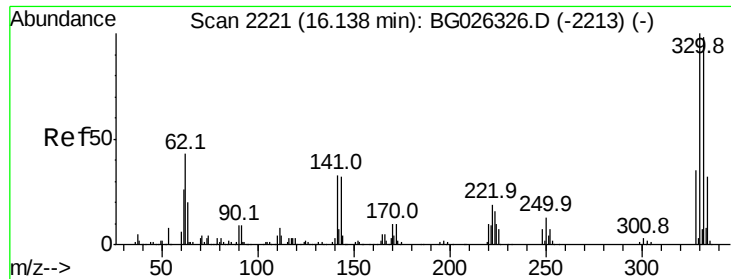
Tot Ion	82	Resp	638087
Ion	Ratio	Lower	Upper
82	100		
128	51.3	26.4	39.6#
54	42.8	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026346.D
 Acq: 21 Mar 2017 3:37

Tgt Ion	164	Resp	256412
Ion	Ratio	Lower	Upper
164	100		
162	101.6	85.1	127.7
160	45.7	34.7	52.1

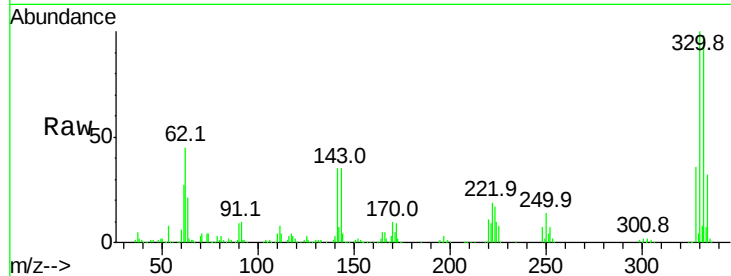




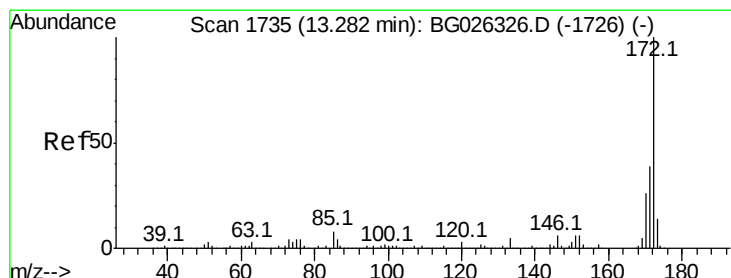
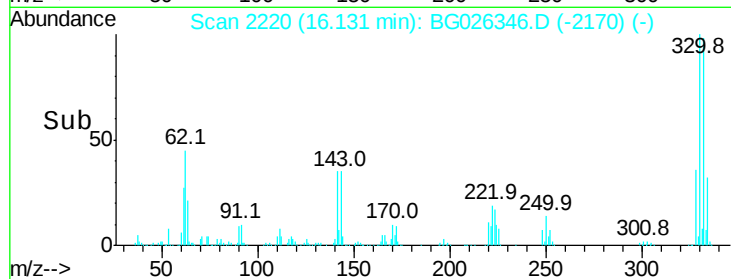
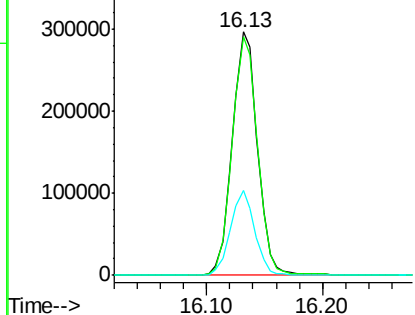
#41
 2,4,6-Tribromophenol
 Concen: 152.47 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026346.D
 Acq: 21 Mar 2017 3:37

Instrument :
 BNA_G
 ClientSampleId :
 PB97680BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.3	115.9
141	33.7	32.1	48.1

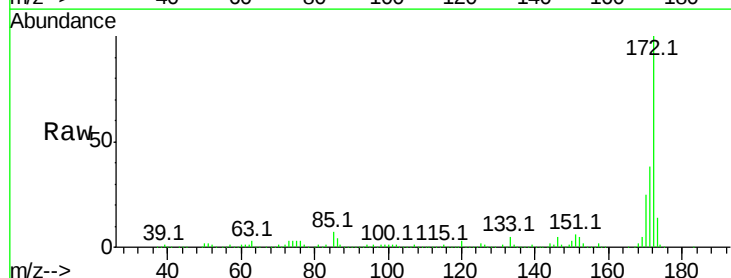


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

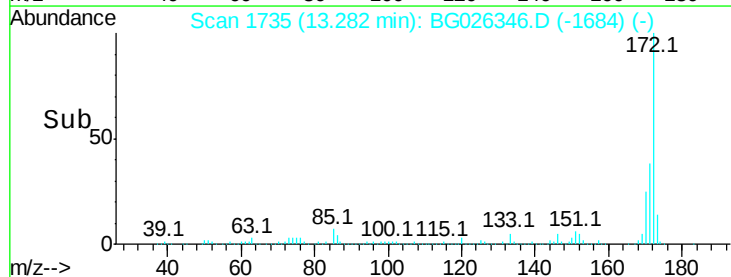
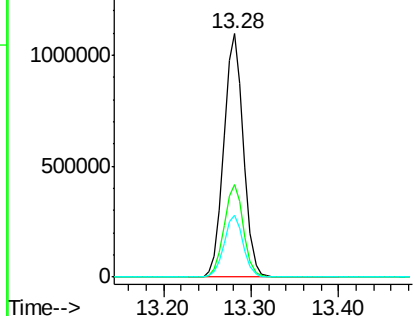


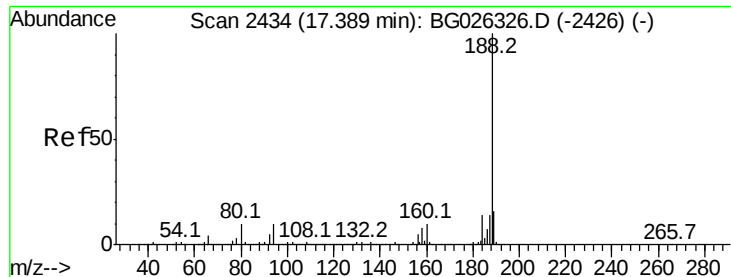
#44
 2-Fluorobiphenyl
 Concen: 92.51 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG026346.D
 Acq: 21 Mar 2017 3:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	25.2	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

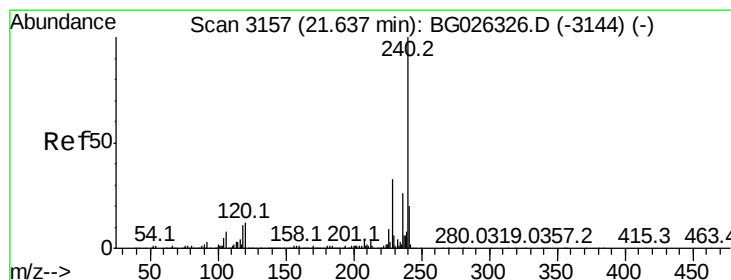
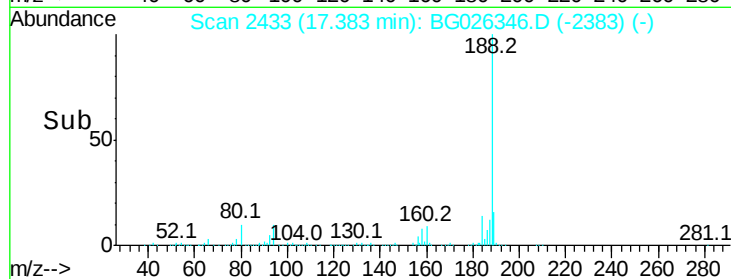
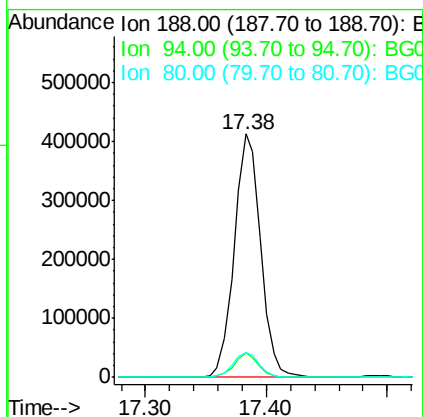
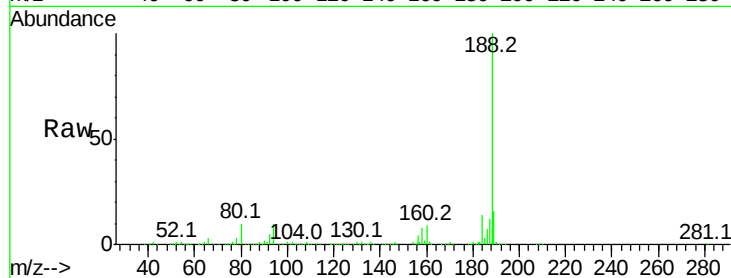




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026346.D
Acq: 21 Mar 2017 3:37

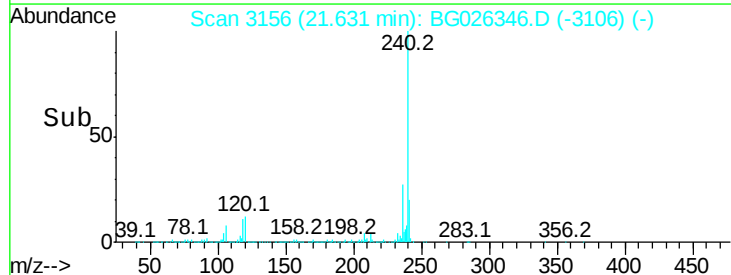
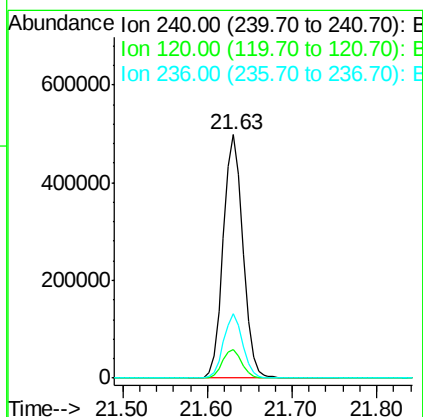
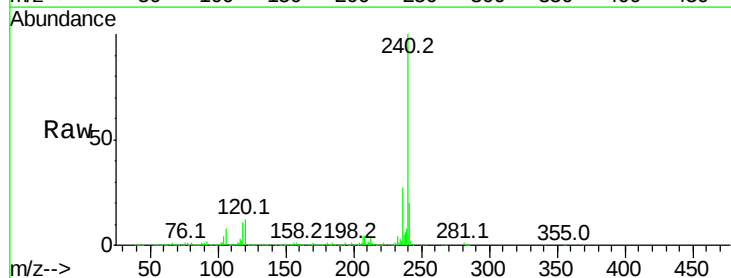
Instrument :
BNA_G
ClientSampleId :
PB97680BL

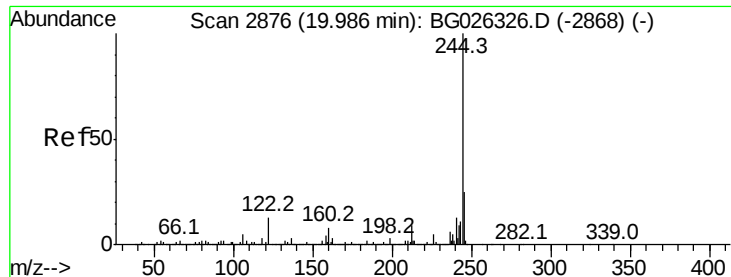
Tot Ion:188 Resp: 627912
Ion Ratio Lower Upper
188 100
94 10.0 5.8 8.8#
80 10.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG026346.D
Acq: 21 Mar 2017 3:37

Tgt Ion:240 Resp: 803996
Ion Ratio Lower Upper
240 100
120 11.6 5.7 8.5#
236 26.5 22.2 33.4





#78

Terphenyl-d14

Concen: 76.60 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026346.D

Acq: 21 Mar 2017 3:37

Instrument :

BNA_G

ClientSampleId :

PB97680BL

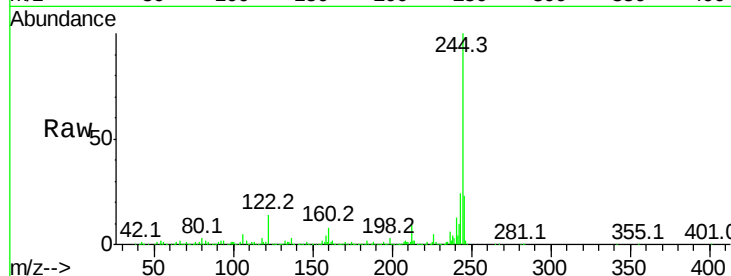
Tot Ion:244 Resp: 2535864

Ion Ratio Lower Upper

244 100

212 8.6 10.0 15.0#

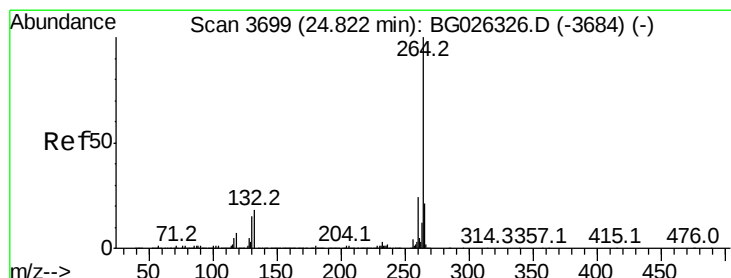
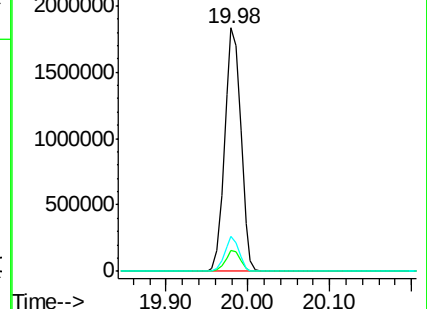
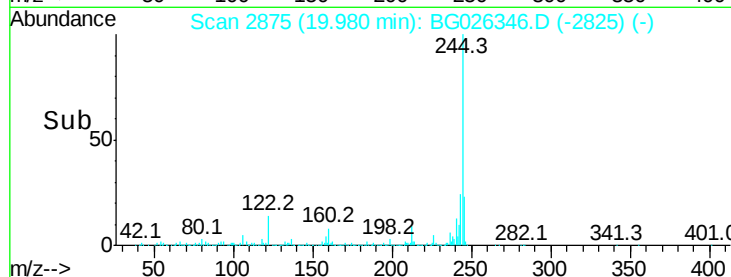
122 14.2 8.6 12.8#



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: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG026346.D

Acq: 21 Mar 2017 3:37

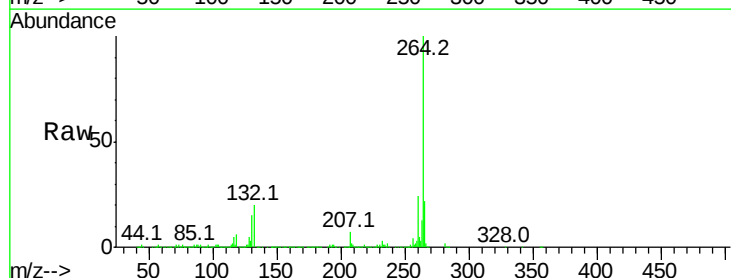
Tgt Ion:264 Resp: 764798

Ion Ratio Lower Upper

264 100

260 24.3 21.8 32.8

265 21.6 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

