

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026351.D
 Acq On : 21 Mar 2017 7:18
 Operator : SJ/MA
 Sample : I2263-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-106D

Quant Time: Mar 21 07:59:38 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	118328	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	497822	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	293573	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	714209	20.00	ng	0.00
75) Chrysene-d12	21.63	240	843701	20.00	ng	0.00
86) Perylene-d12	24.81	264	802039	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	453796	68.07	ng	0.00
7) Phenol-d6	7.20	99	366650	40.97	ng	0.00
23) Nitrobenzene-d5	9.21	82	757959	91.55	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	553341	164.59	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2007087	95.88	ng	0.00
78) Terphenyl-d14	19.98	244	2687949	77.37	ng	0.00

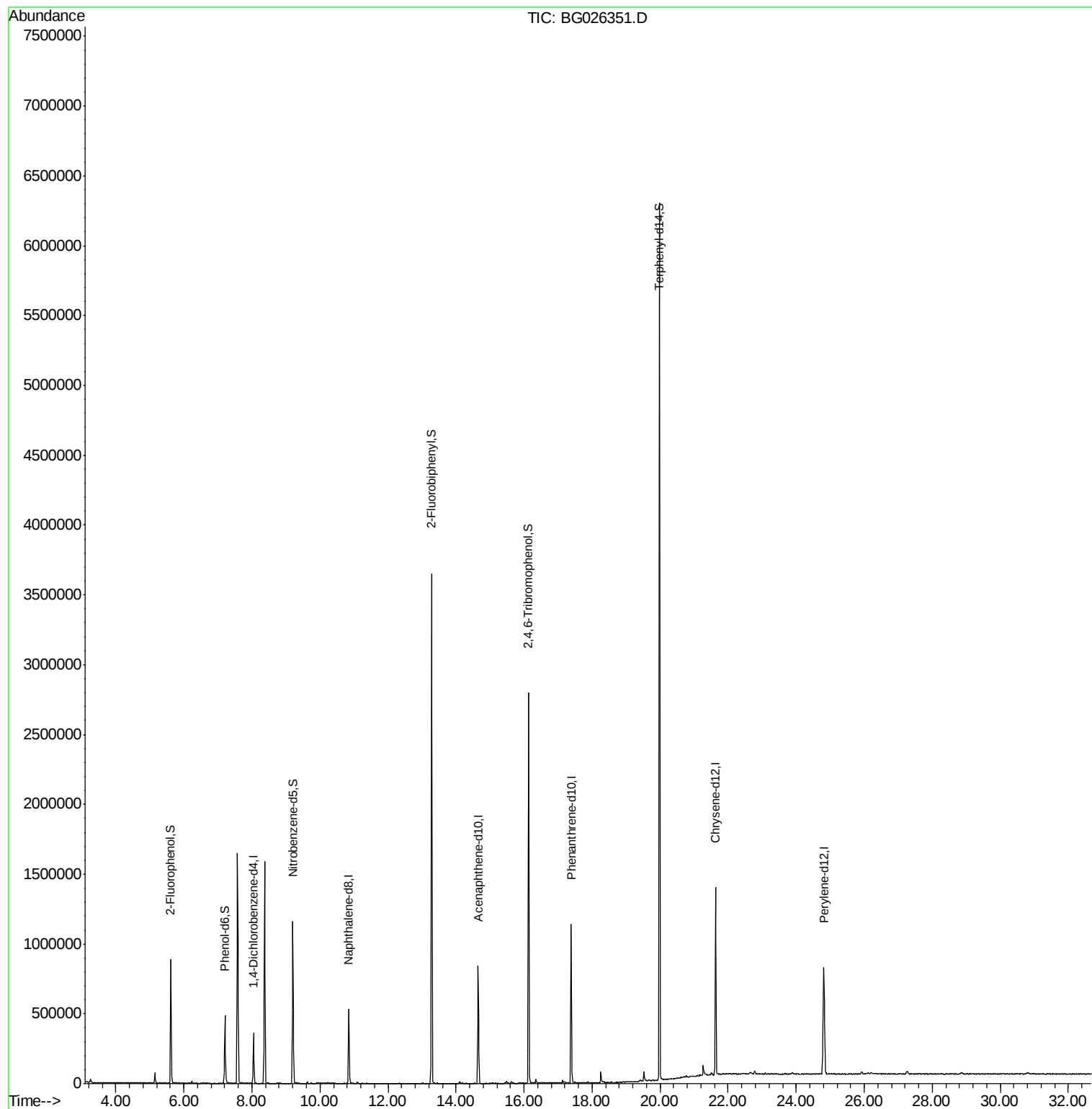
Target Compounds Qvalue

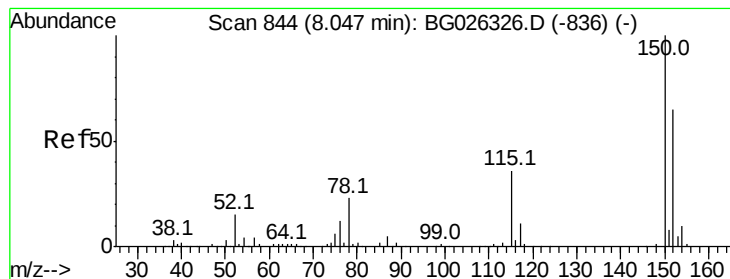
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG026351.D

Acq: 21 Mar 2017 7:18

Instrument :

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ClientSampleId :

MW-106D

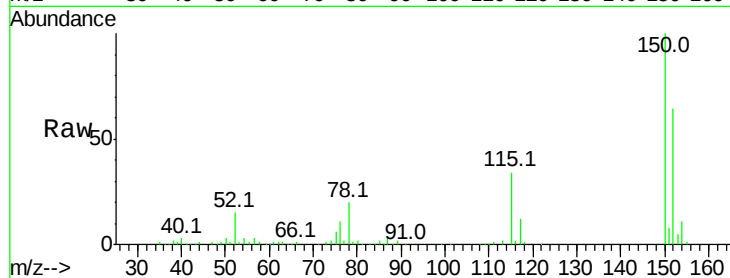
Tot Ion:152 Resp: 118328

Ion Ratio Lower Upper

152 100

150 156.5 114.0 171.0

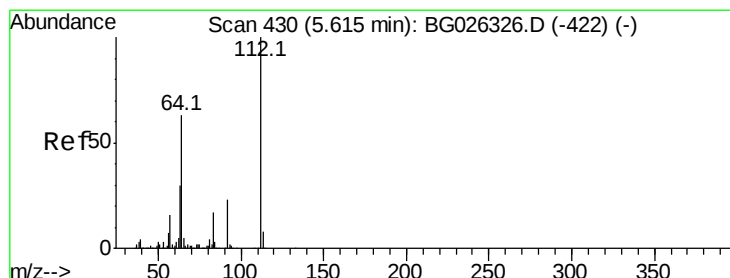
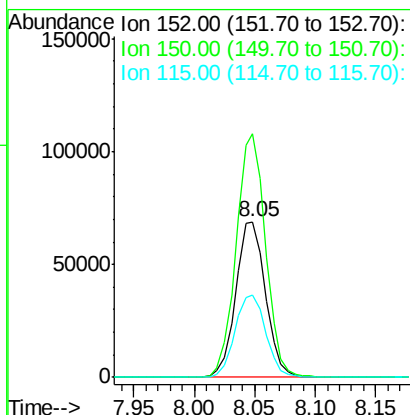
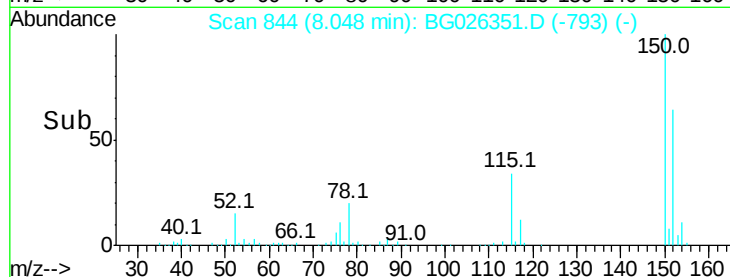
115 52.7 48.1 72.1



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: 68.07 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026351.D

Acq: 21 Mar 2017 7:18

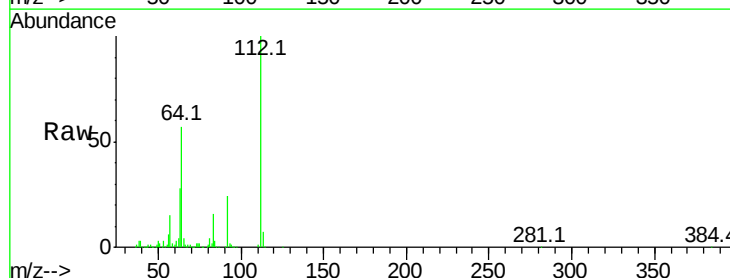
Tgt Ion:112 Resp: 453796

Ion Ratio Lower Upper

112 100

64 57.5 61.8 92.6#

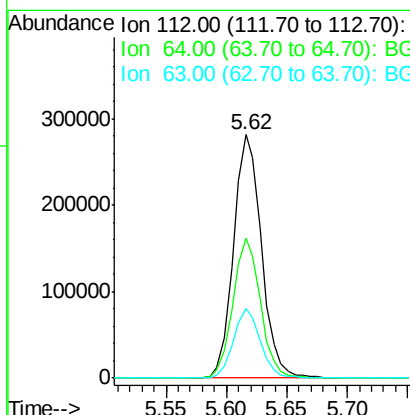
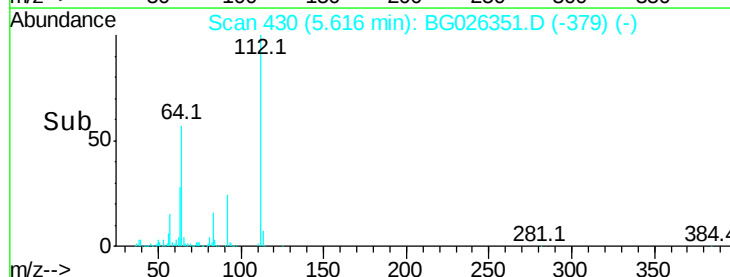
63 28.4 37.2 55.8#



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: 40.97 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026351.D

Acq: 21 Mar 2017 7:18

Instrument :

BNA_G

ClientSampled :

MW-106D

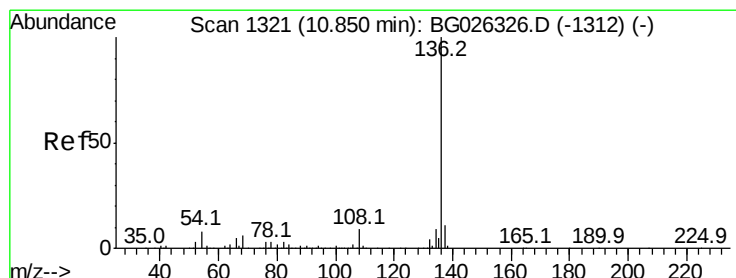
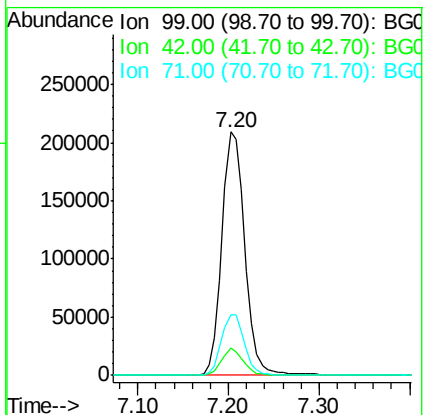
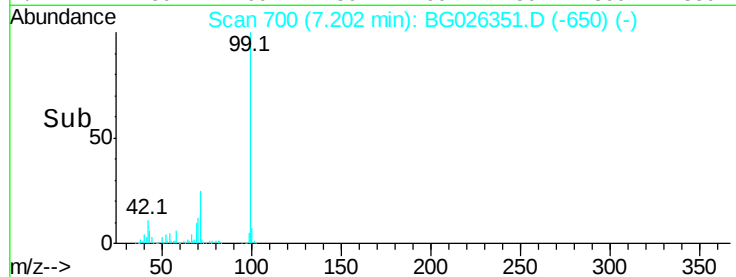
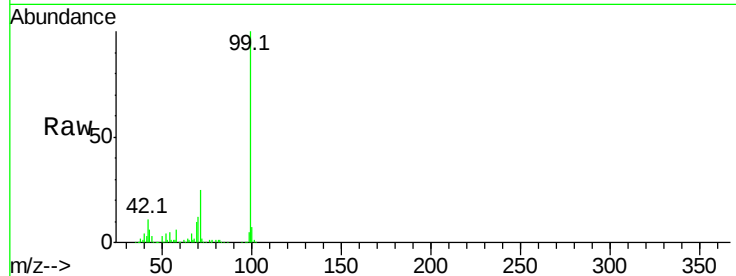
Tot Ion: 99 Resp: 366650

Ion Ratio Lower Upper

99 100

42 11.0 20.5 30.7#

71 25.1 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG026351.D

Acq: 21 Mar 2017 7:18

Tgt Ion: 136 Resp: 497822

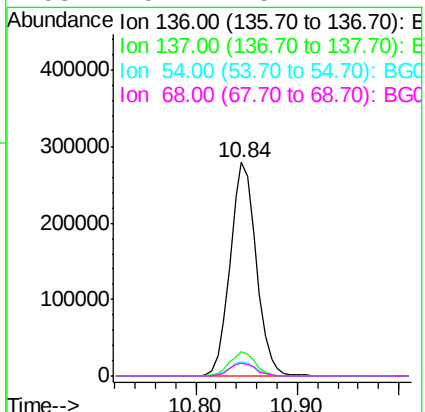
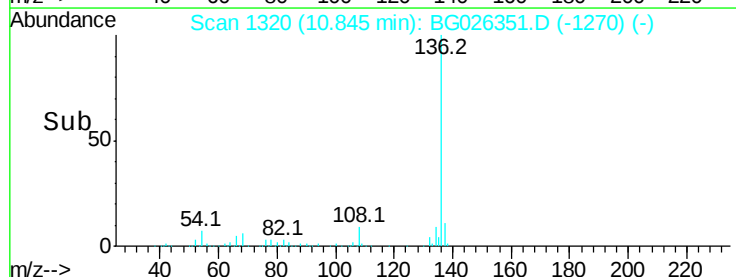
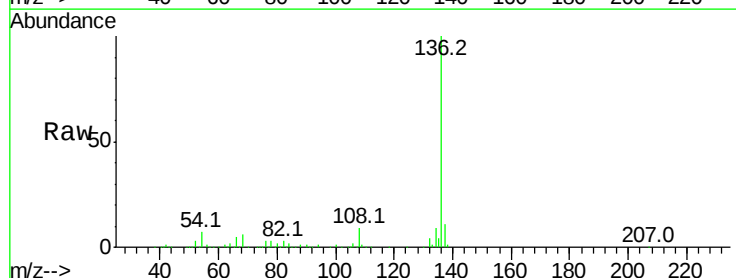
Ion Ratio Lower Upper

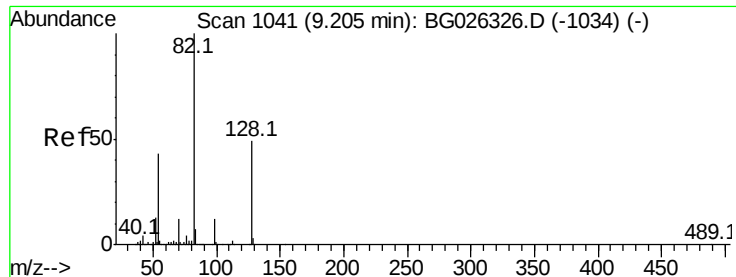
136 100

137 11.3 8.9 13.3

54 6.9 9.3 13.9#

68 6.1 5.1 7.7

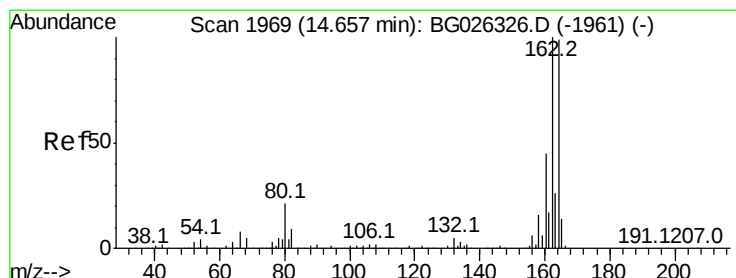
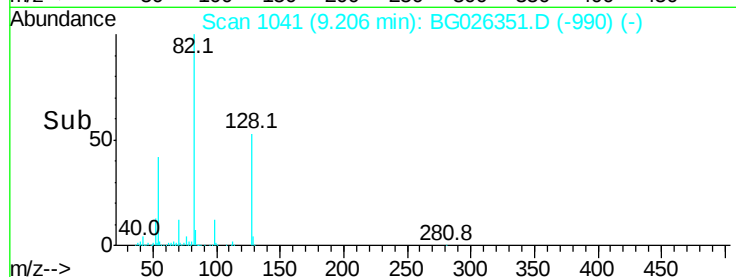
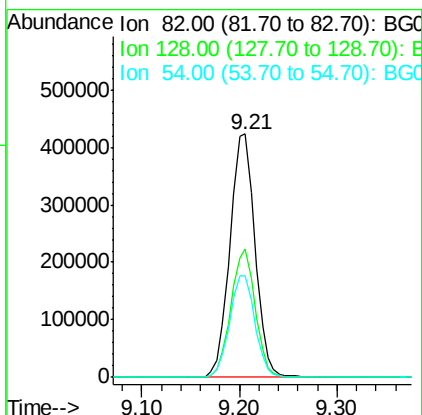
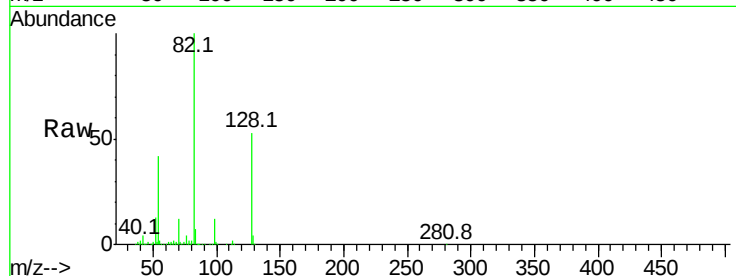




#23
 Nitrobenzene-d5
 Concen: 91.55 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG026351.D
 Acq: 21 Mar 2017 7:18

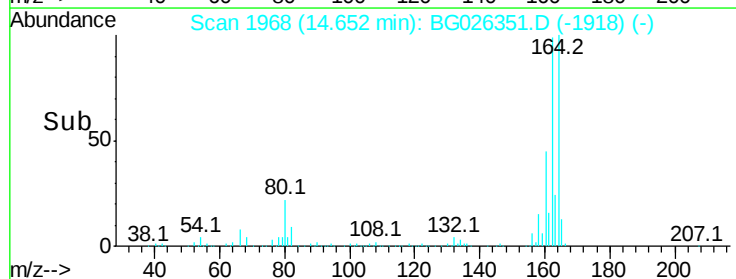
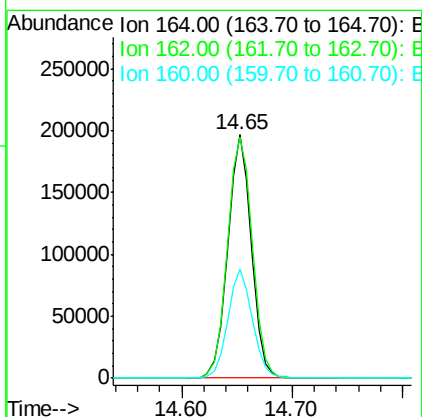
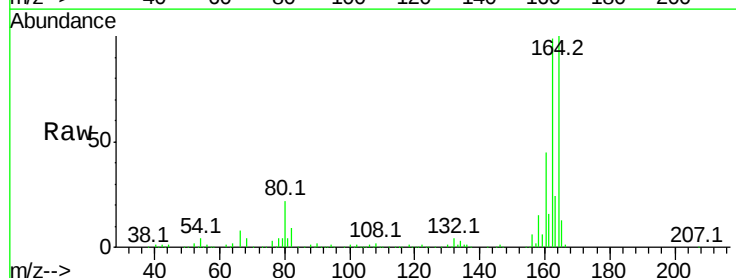
Instrument :
 BNA_G
 ClientSampleId :
 MW-106D

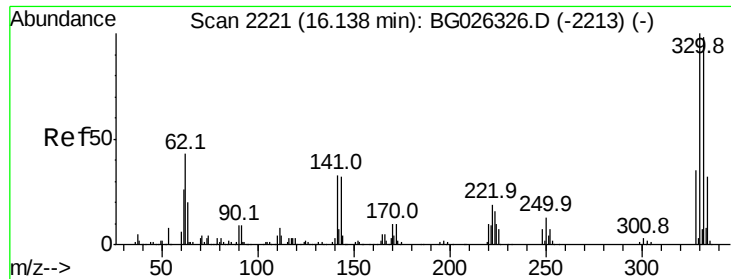
Tot Ion	82	Resp	757959
Ion	Ratio	Lower	Upper
82	100		
128	52.7	26.4	39.6#
54	41.8	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG026351.D
 Acq: 21 Mar 2017 7:18

Tgt Ion	164	Resp	293573
Ion	Ratio	Lower	Upper
164	100		
162	99.1	85.1	127.7
160	44.7	34.7	52.1

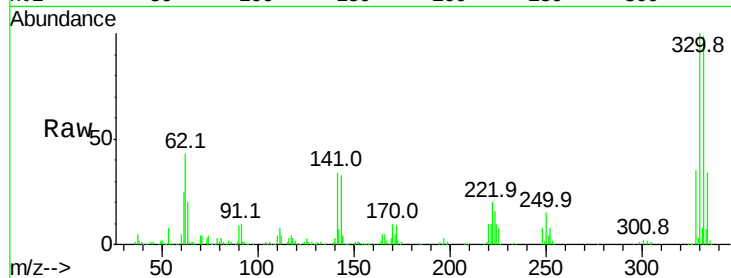




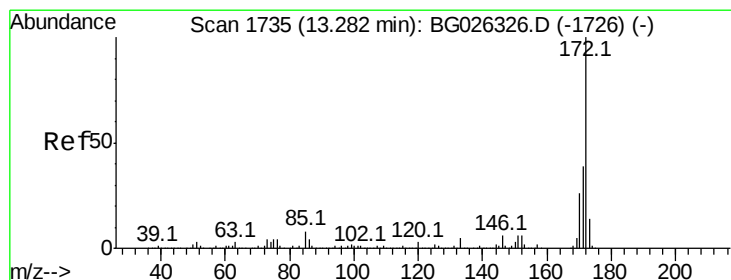
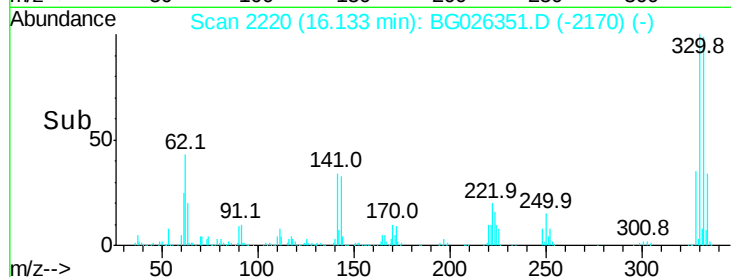
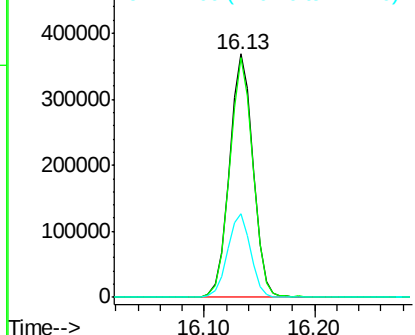
#41
 2,4,6-Tribromophenol
 Concen: 164.59 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026351.D
 Acq: 21 Mar 2017 7:18

Instrument :
 BNA_G
 ClientSampleId :
 MW-106D

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	33.8	32.1	48.1

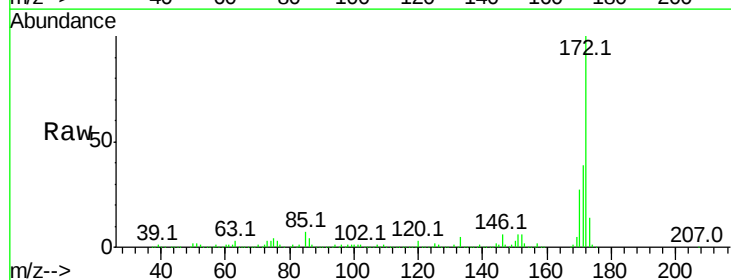


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

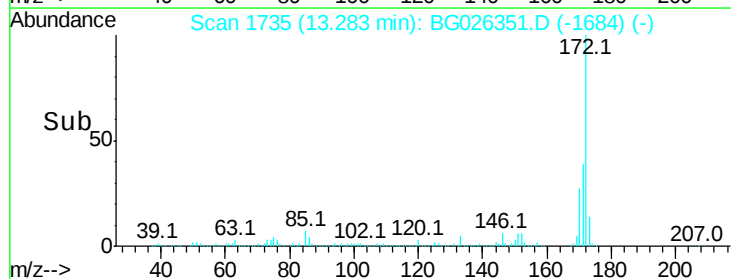
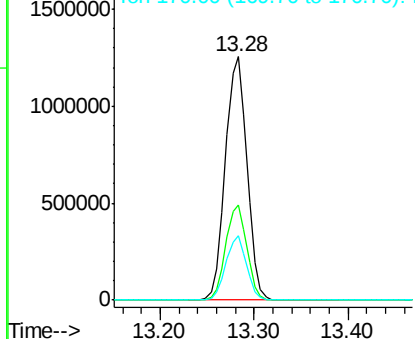


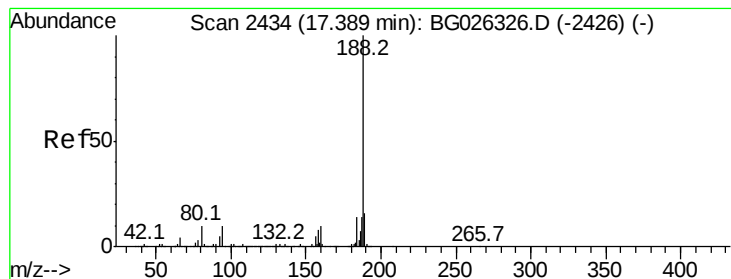
#44
 2-Fluorobiphenyl
 Concen: 95.88 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG026351.D
 Acq: 21 Mar 2017 7:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.2	48.2
170	26.6	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. -0.00 min

Lab File: BG026351.D

Acq: 21 Mar 2017 7:18

Instrument :

BNA_G

ClientSampleId :

MW-106D

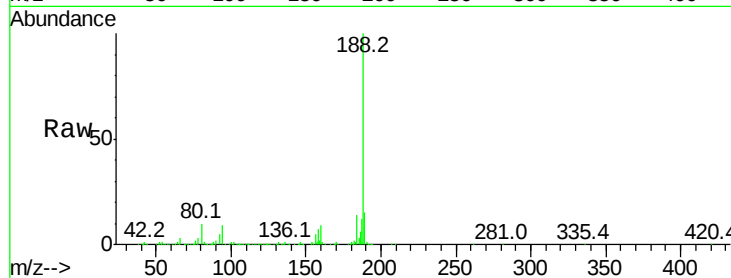
Tot Ion:188 Resp: 714209

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.8#

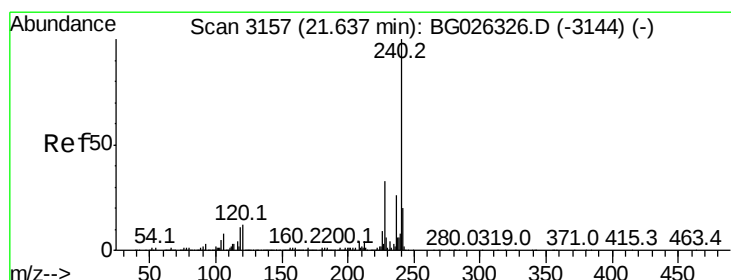
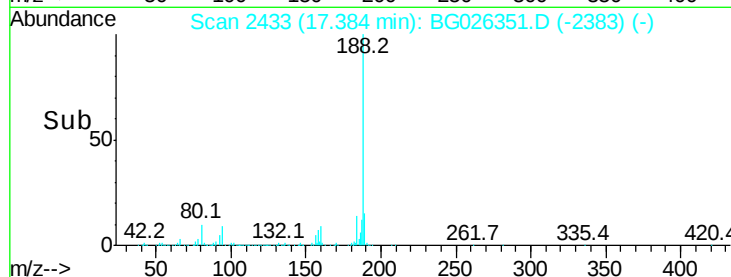
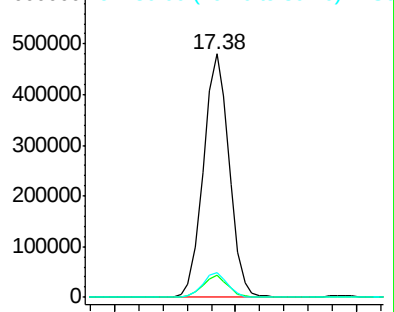
80 10.4 7.5 11.3



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: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG026351.D

Acq: 21 Mar 2017 7:18

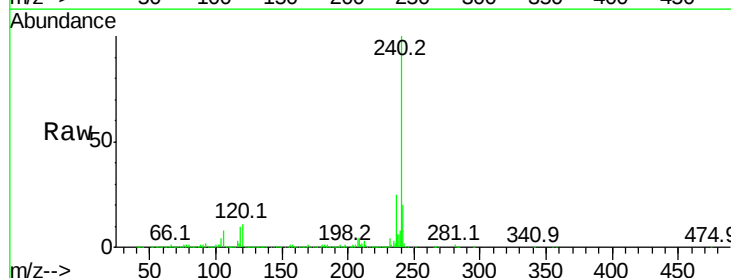
Tgt Ion:240 Resp: 843701

Ion Ratio Lower Upper

240 100

120 10.7 5.7 8.5#

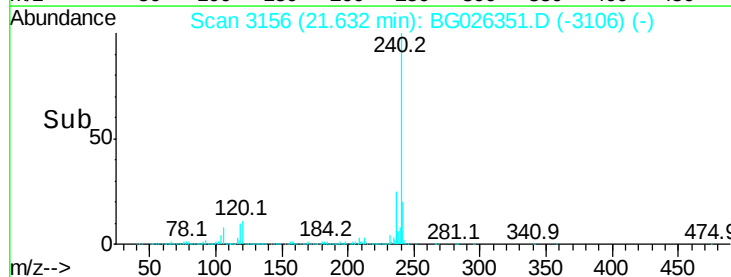
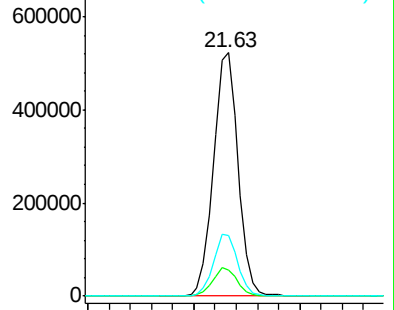
236 25.1 22.2 33.4

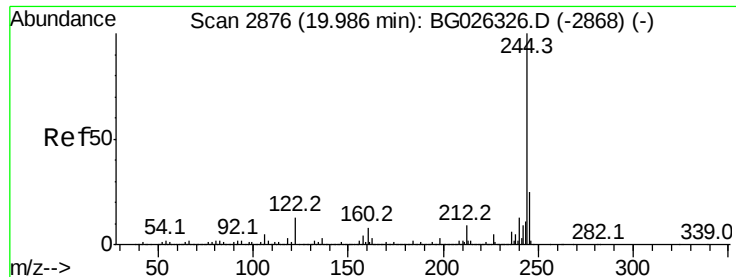


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.37 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG026351.D

Acq: 21 Mar 2017 7:18

Instrument :

BNA_G

ClientSampleId :

MW-106D

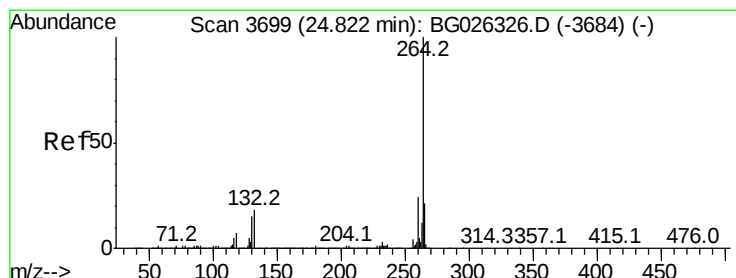
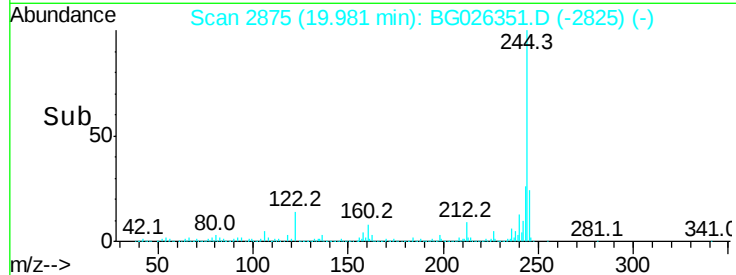
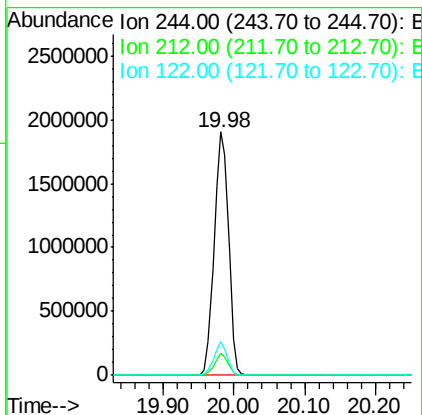
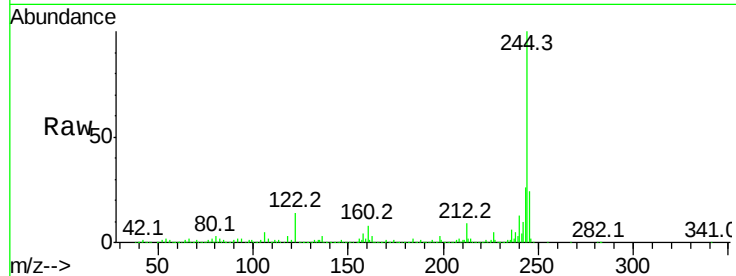
Tot Ion:244 Resp: 2687949

Ion Ratio Lower Upper

244 100

212 8.9 10.0 15.0#

122 13.9 8.6 12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG026351.D

Acq: 21 Mar 2017 7:18

Tgt Ion:264 Resp: 802039

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 22.1 18.2 27.4

