

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026353.D
 Acq On : 21 Mar 2017 8:37
 Operator : SJ/MA
 Sample : I2263-23
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-104I

Quant Time: Mar 21 09:10:31 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

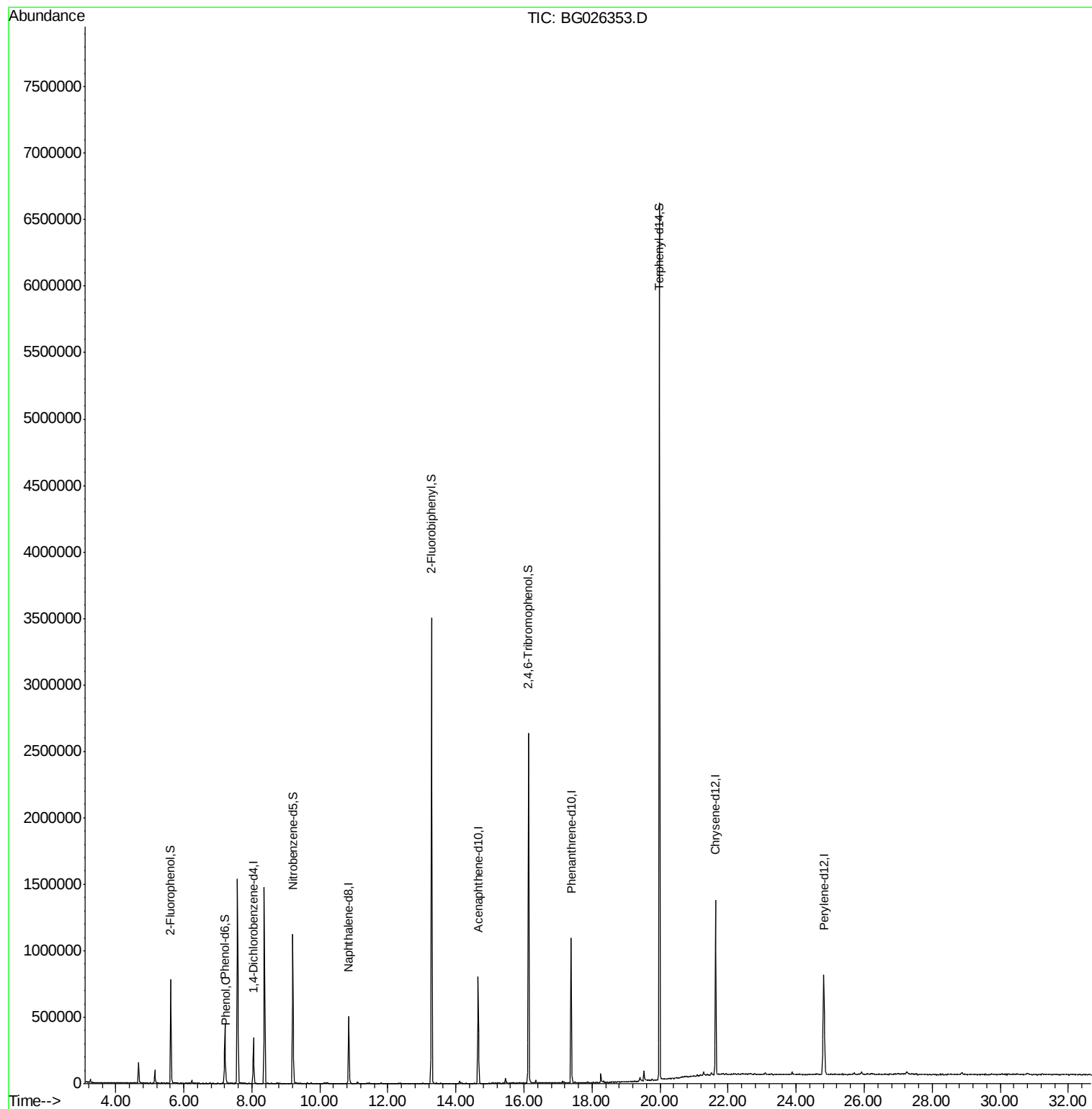
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	110956	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	482652	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	280106	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	695676	20.00	ng	0.00
75) Chrysene-d12	21.63	240	823011	20.00	ng	0.00
86) Perylene-d12	24.81	264	777663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	409468	65.50	ng	0.00
7) Phenol-d6	7.20	99	332954	39.67	ng	0.00
23) Nitrobenzene-d5	9.20	82	723503	90.13	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	539210	168.10	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1949389	97.60	ng	0.00
78) Terphenyl-d14	19.98	244	2746774	81.05	ng	0.00
Target Compounds						
10) Phenol	7.23	94	29595	3.30	ng	Qvalue # 70

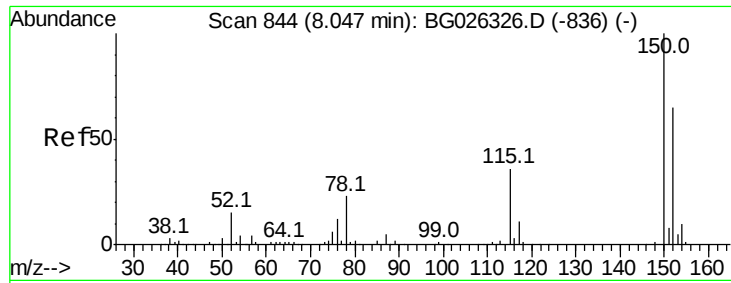
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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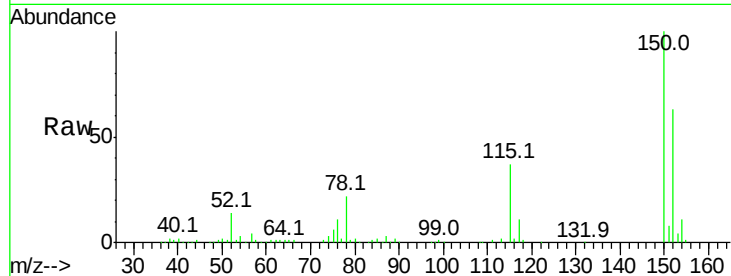


#1

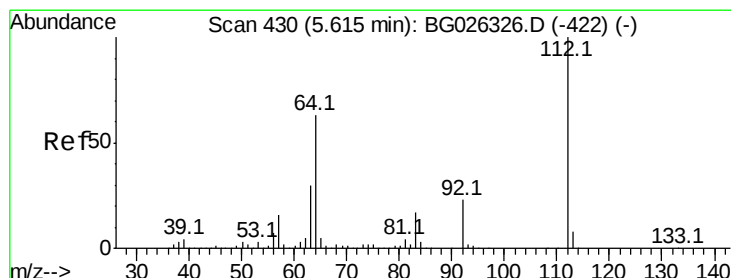
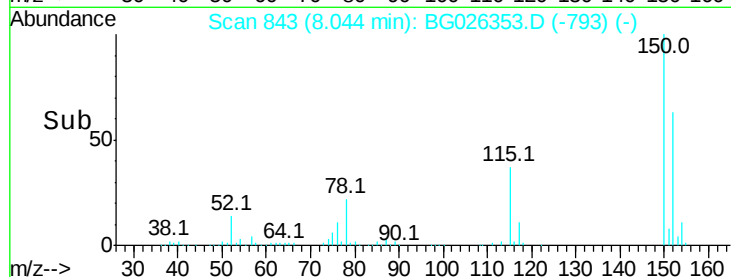
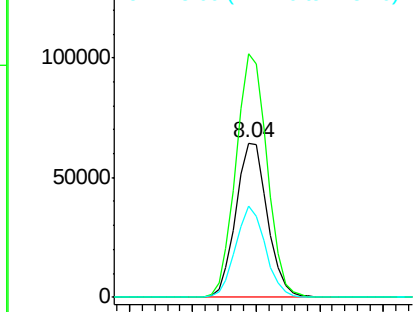
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026353.D
Acq: 21 Mar 2017 8:37

Instrument :
BNA_G
ClientSampleId :
MW-104I

Tot Ion:152 Resp: 110956
Ion Ratio Lower Upper
152 100
150 158.0 114.0 171.0
115 59.2 48.1 72.1



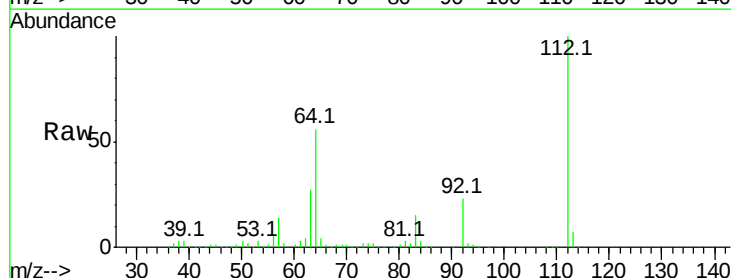
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



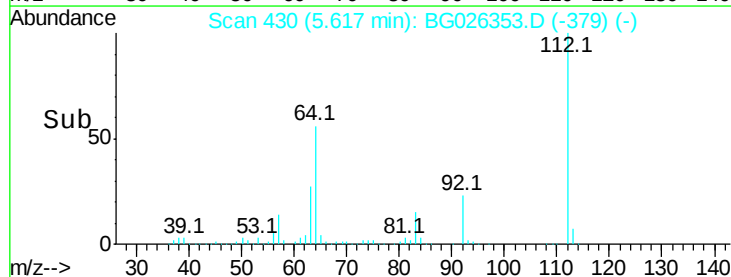
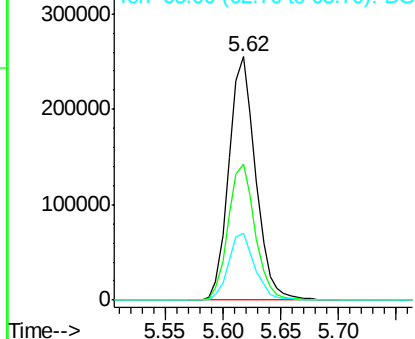
#5

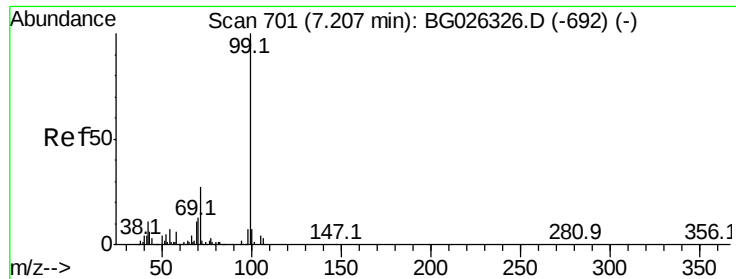
2-Fluorophenol
Concen: 65.50 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026353.D
Acq: 21 Mar 2017 8:37

Tgt Ion:112 Resp: 409468
Ion Ratio Lower Upper
112 100
64 55.9 61.8 92.6#
63 27.4 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: 39.67 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

Instrument :

BNA_G

ClientSampleId :

MW-104I

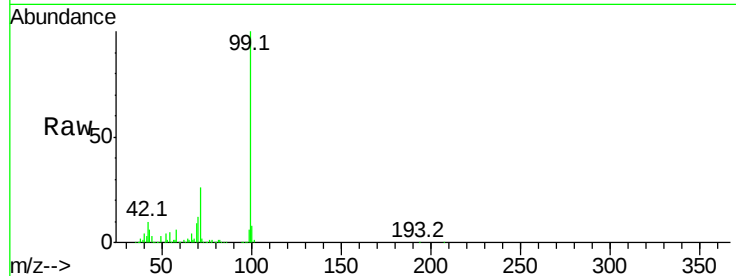
Tot Ion: 99 Resp: 332954

Ion Ratio Lower Upper

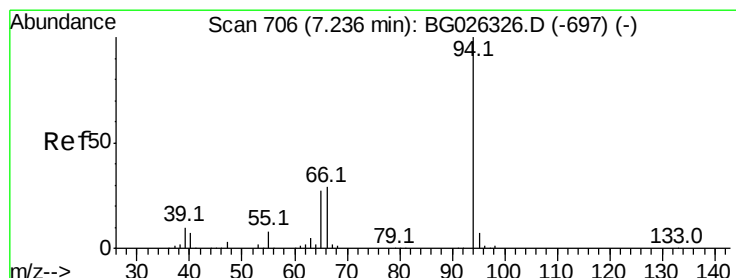
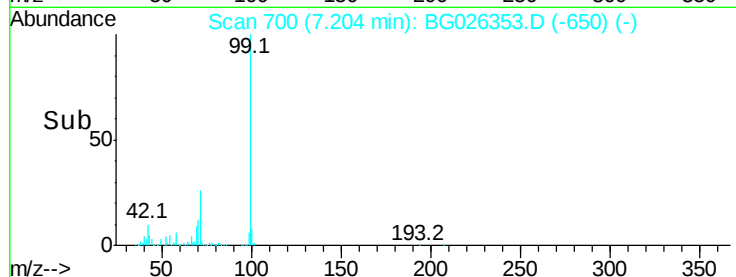
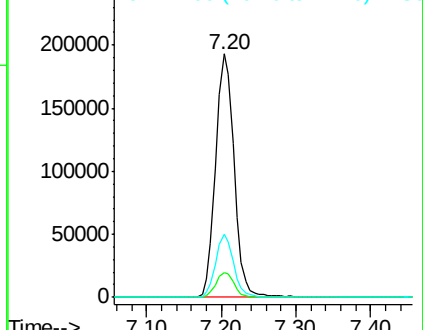
99 100

42 10.1 20.5 30.7#

71 25.8 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



#10

Phenol

Concen: 3.30 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

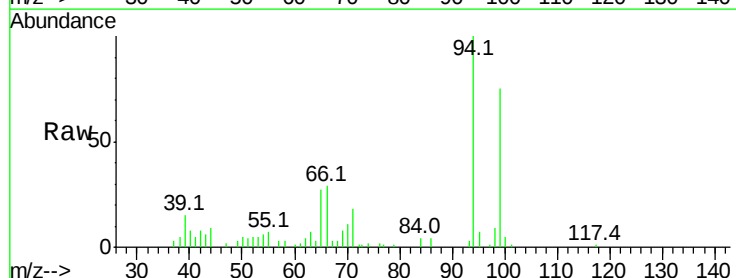
Tgt Ion: 94 Resp: 29595

Ion Ratio Lower Upper

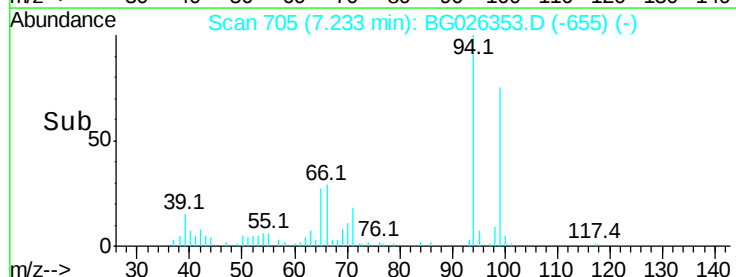
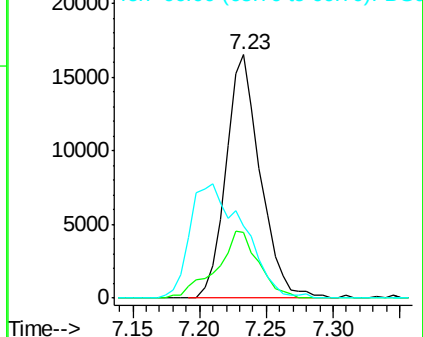
94 100

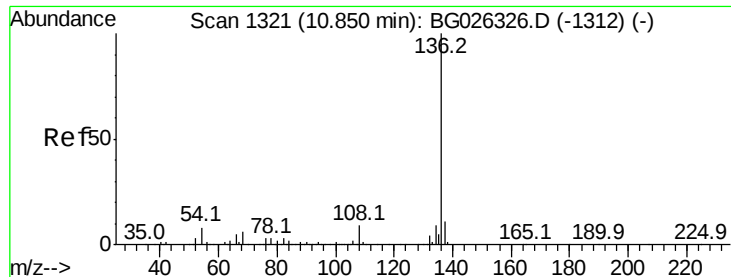
65 27.0 20.6 60.6

66 29.5 35.5 75.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

Instrument :

BNA_G

ClientSampleId :

MW-104I

Tot Ion:136 Resp: 482652

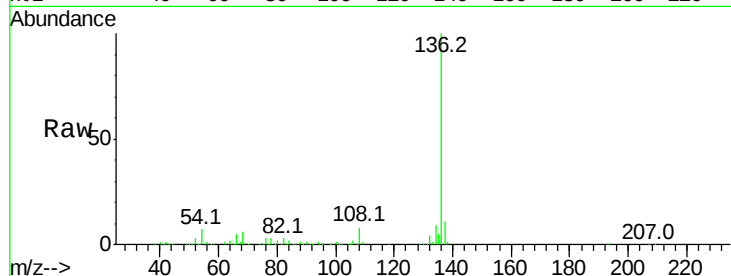
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.8 9.3 13.9#

68 6.3 5.1 7.7

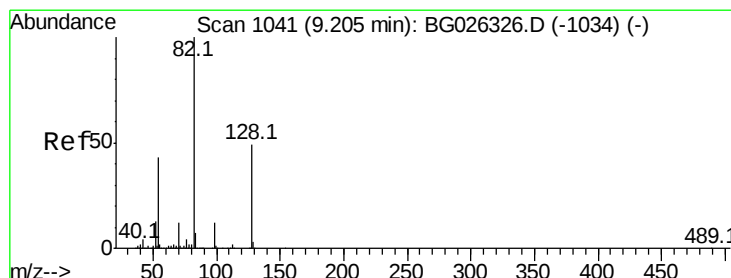
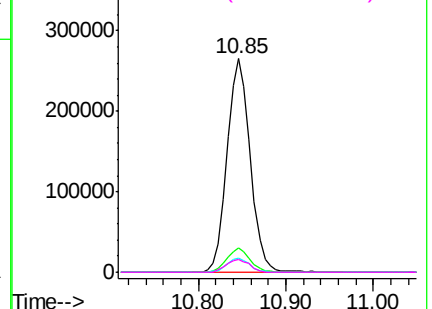
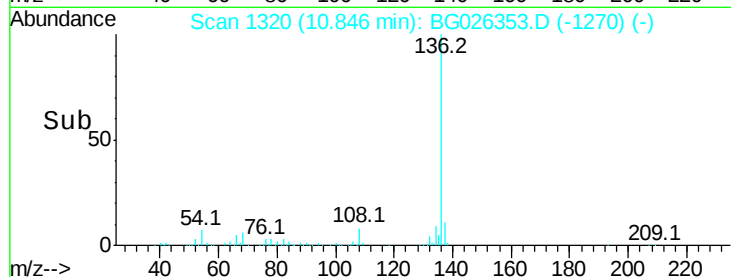


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 90.13 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

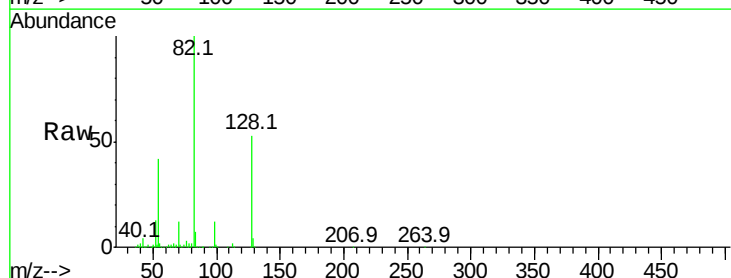
Tgt Ion: 82 Resp: 723503

Ion Ratio Lower Upper

82 100

128 52.7 26.4 39.6#

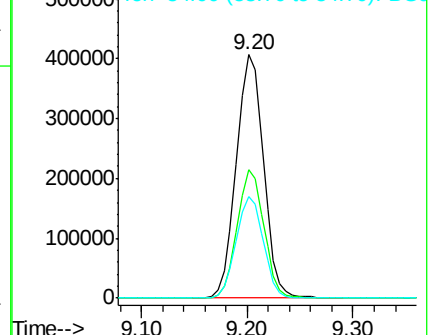
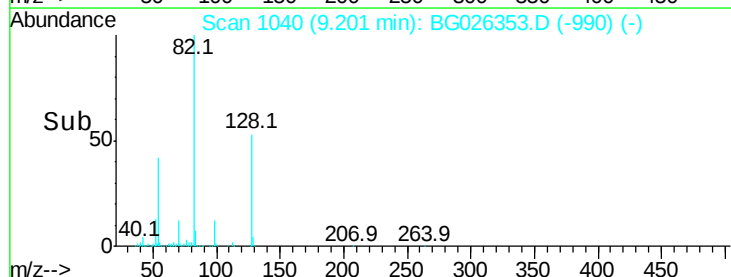
54 41.9 49.4 74.2#

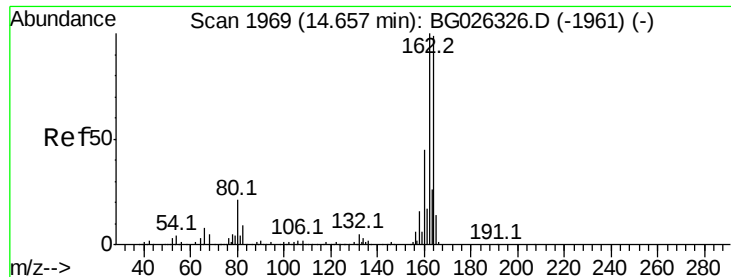


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

Instrument :

BNA_G

ClientSampleID :

MW-104I

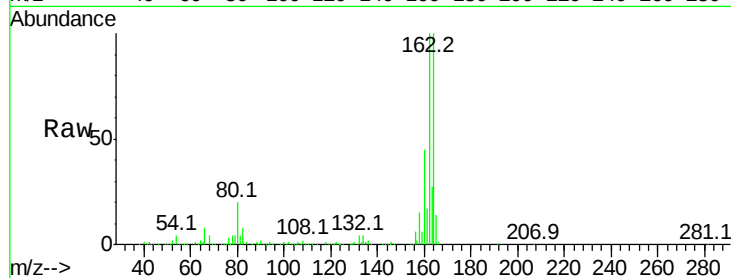
Tot Ion:164 Resp: 280106

Ion Ratio Lower Upper

164 100

162 100.1 85.1 127.7

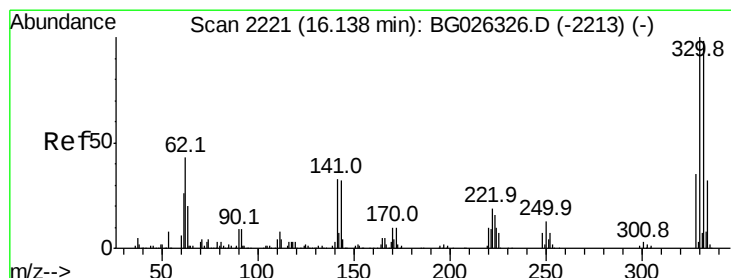
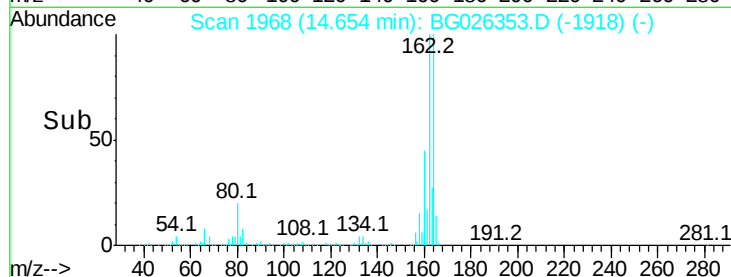
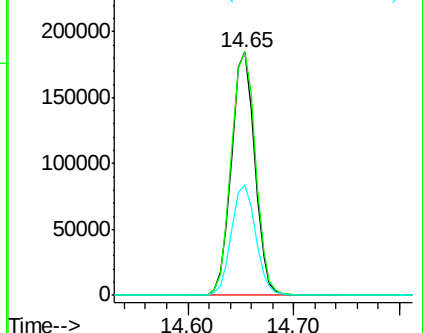
160 45.2 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 168.10 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

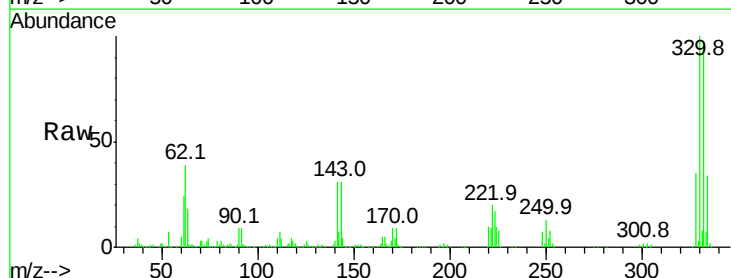
Tgt Ion:330 Resp: 539210

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

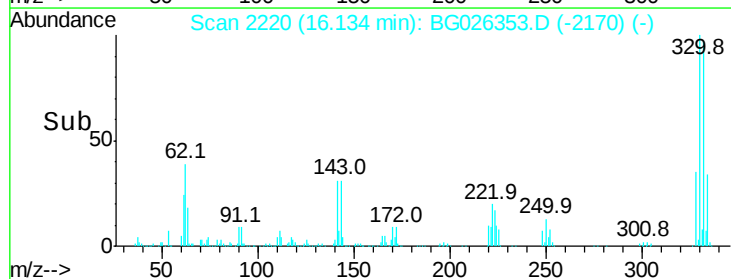
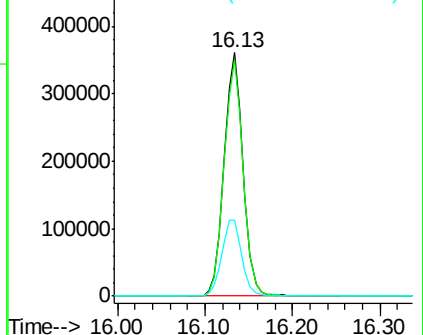
141 32.9 32.1 48.1

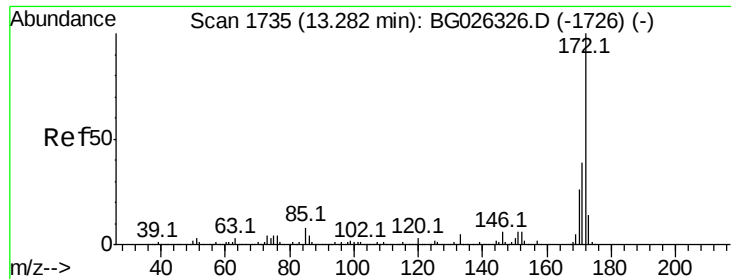


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



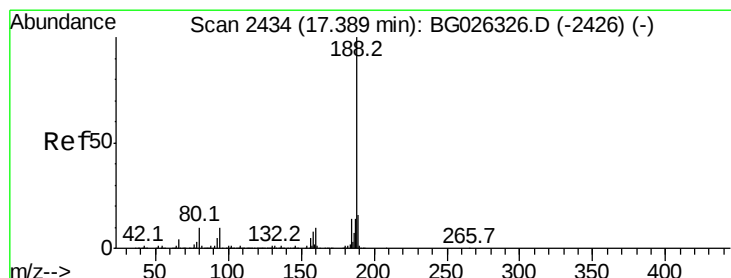
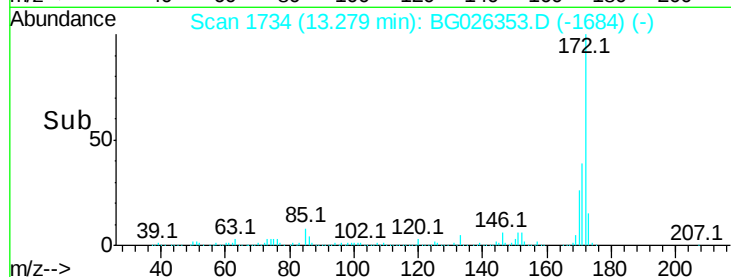
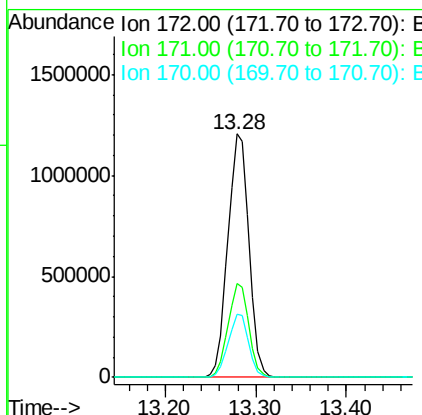
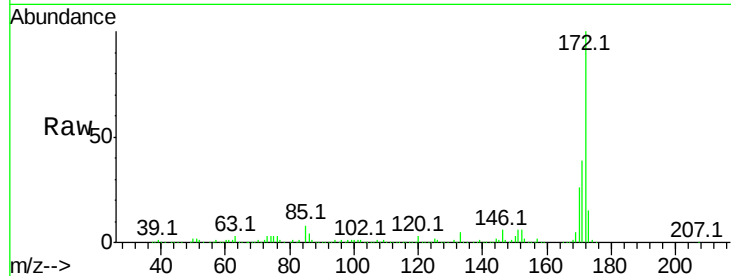


#44
 2-Fluorobiphenyl
 Concen: 97.60 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026353.D
 Acq: 21 Mar 2017 8:37

Instrument :
 BNA_G
 ClientSampleId :
 MW-104I

Tot Ion:172 Resp: 1949389

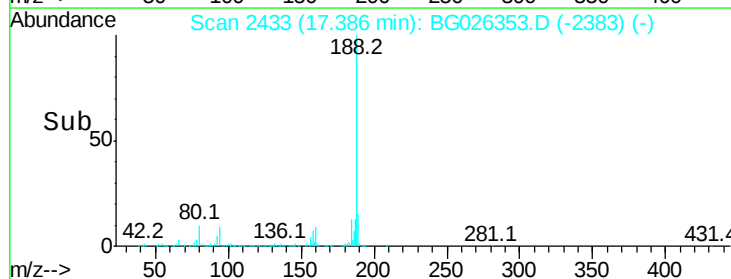
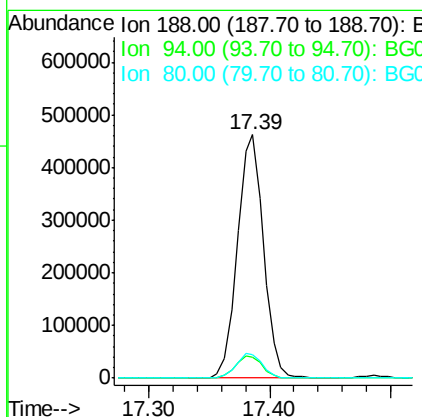
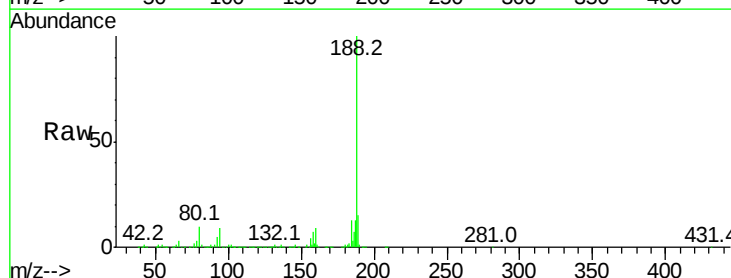
Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.2	48.2
170	25.8	21.8	32.6

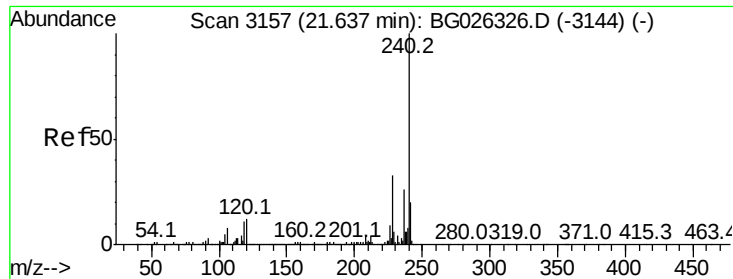


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.39 min Scan# 2433
 Delta R.T. -0.00 min
 Lab File: BG026353.D
 Acq: 21 Mar 2017 8:37

Tgt Ion:188 Resp: 695676

Ion	Ratio	Lower	Upper
188	100		
94	8.5	5.8	8.8
80	9.7	7.5	11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

Instrument :

BNA_G

ClientSampleId :

MW-104I

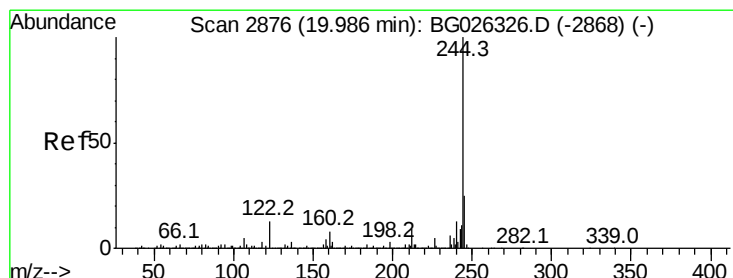
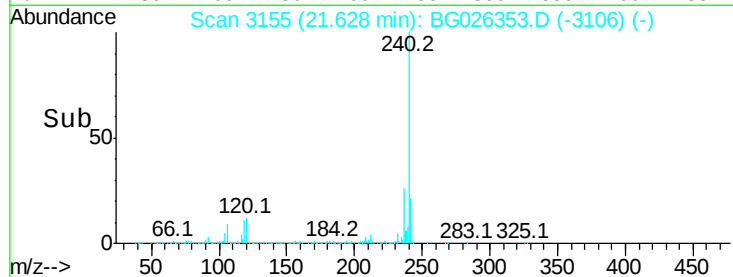
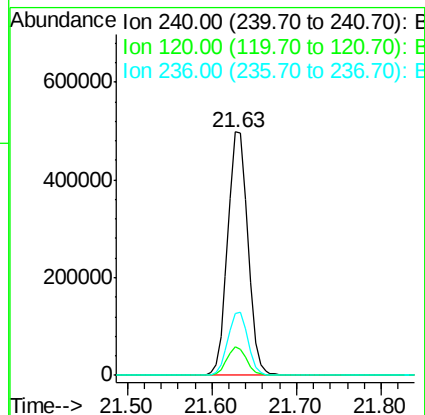
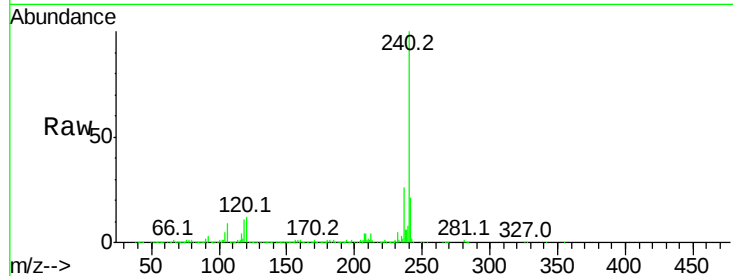
Tot Ion:240 Resp: 823011

Ion Ratio Lower Upper

240 100

120 11.9 5.7 8.5#

236 25.6 22.2 33.4



#78

Terphenyl-d14

Concen: 81.05 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

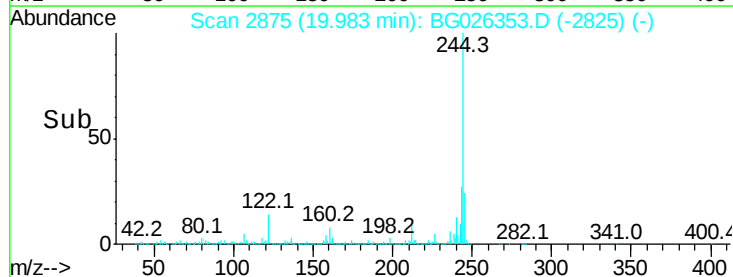
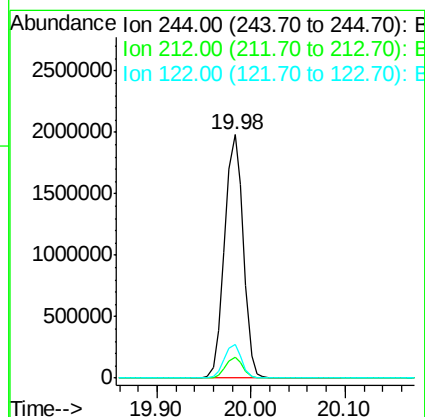
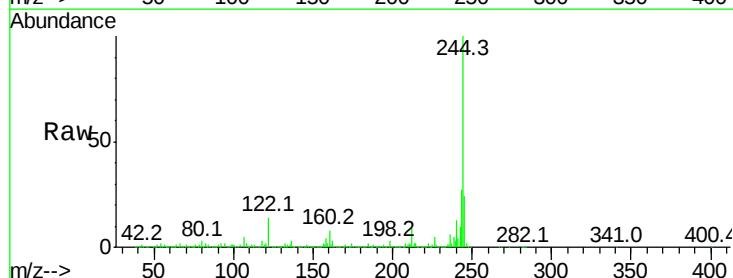
Tgt Ion:244 Resp: 2746774

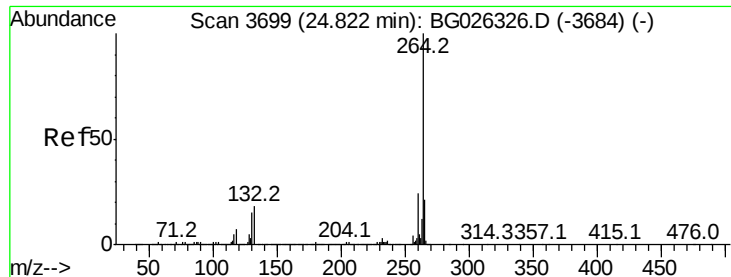
Ion Ratio Lower Upper

244 100

212 8.8 10.0 15.0#

122 14.0 8.6 12.8#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.01 min
 Lab File: BG026353.D
 Acq: 21 Mar 2017 8:37

Instrument :
 BNA_G
 ClientSampleId :
 MW-104I

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	22.1	18.2	27.4

