

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026349.D
 Acq On : 21 Mar 2017 5:59
 Operator : SJ/MA
 Sample : I2263-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-106S

Quant Time: Mar 21 07:03:51 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	116038	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	513332	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	309053	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	741944	20.00	ng	0.00
75) Chrysene-d12	21.63	240	823105	20.00	ng	0.00
86) Perylene-d12	24.81	264	786267	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	425626	65.10	ng	0.00
7) Phenol-d6	7.20	99	350175	39.90	ng	0.00
23) Nitrobenzene-d5	9.20	82	749827	87.83	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	559849	158.19	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2037262	92.44	ng	0.00
78) Terphenyl-d14	19.98	244	2460241	72.59	ng	0.00

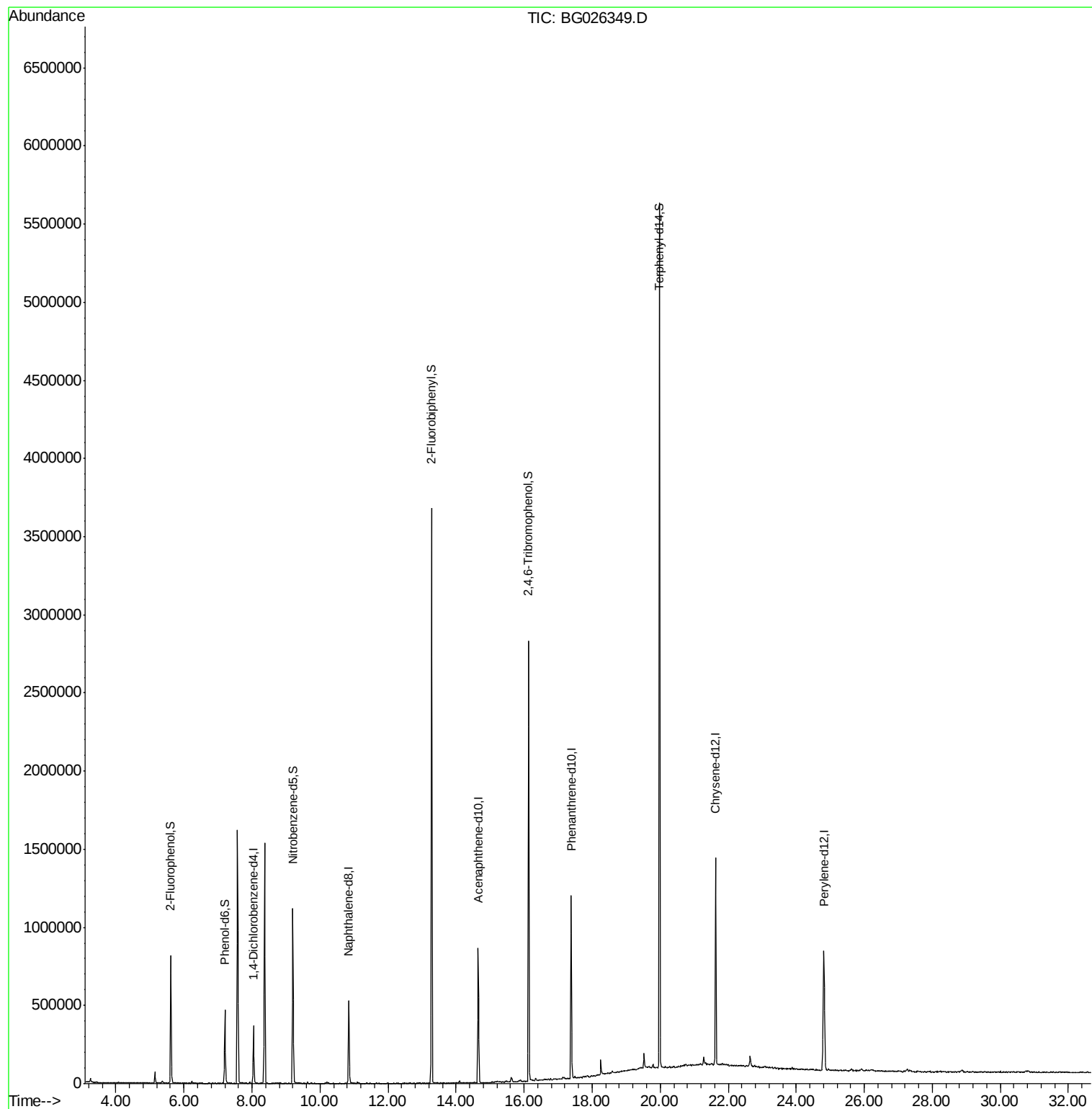
Target Compounds Qvalue

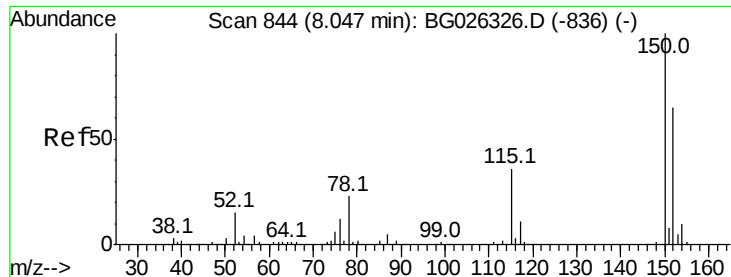
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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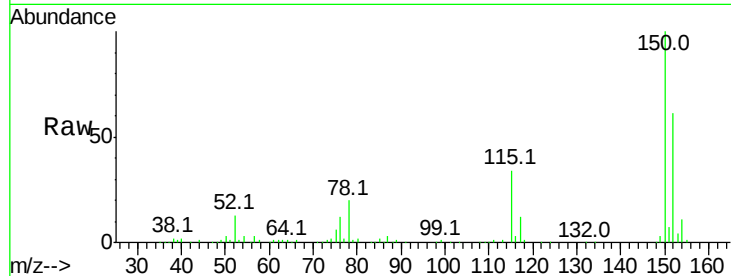


#1

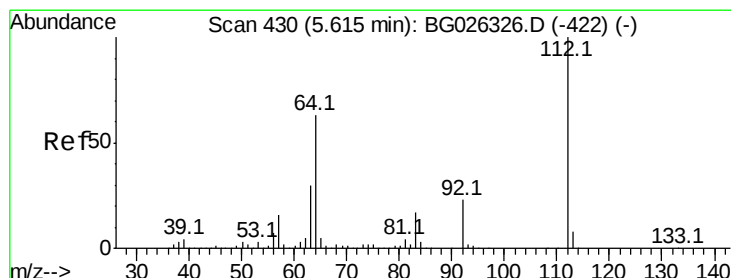
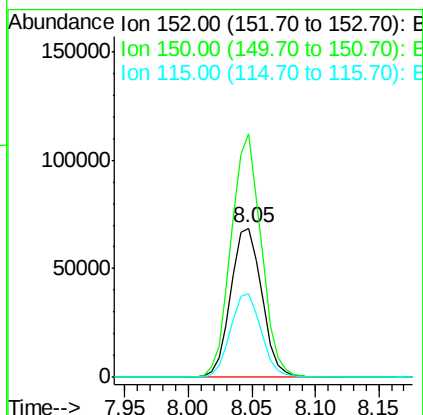
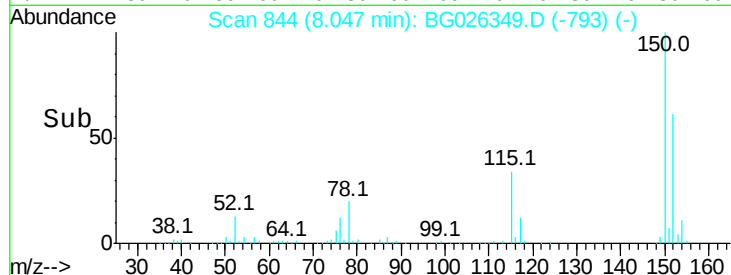
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG026349.D
Acq: 21 Mar 2017 5:59

Instrument :
BNA_G
ClientSampled :
MW-106S

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	114.0	171.0
115	55.9	48.1	72.1



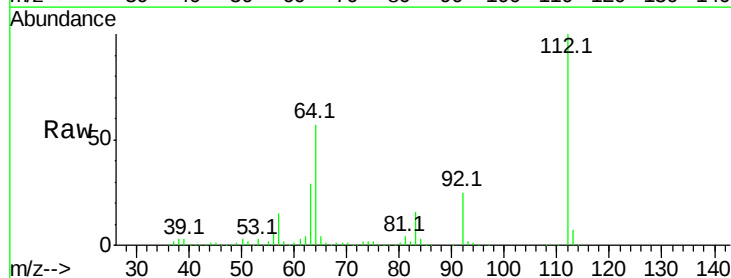
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



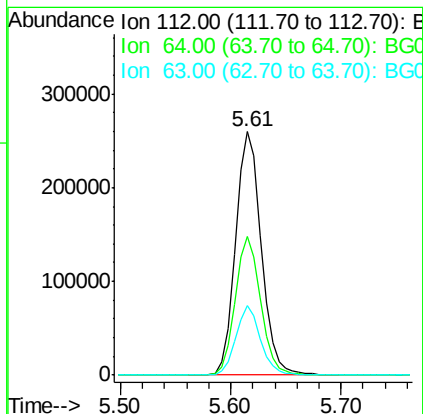
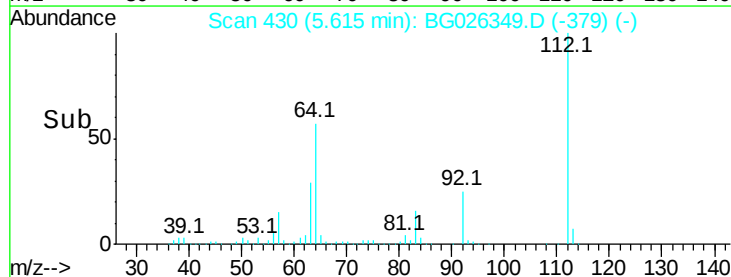
#5

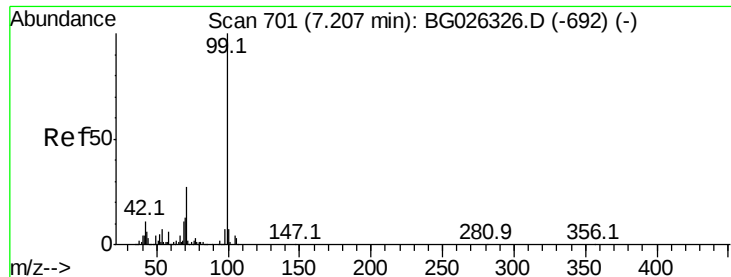
2-Fluorophenol
Concen: 65.10 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026349.D
Acq: 21 Mar 2017 5:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	61.8	92.6#
63	28.8	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: 39.90 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026349.D

Acq: 21 Mar 2017 5:59

Instrument :

BNA_G

ClientSampled :

MW-106S

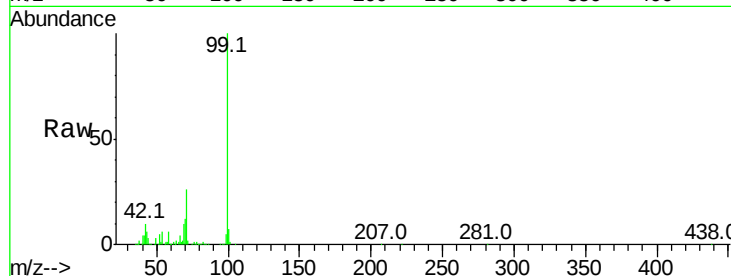
Tot Ion: 99 Resp: 350175

Ion Ratio Lower Upper

99 100

42 10.4 20.5 30.7#

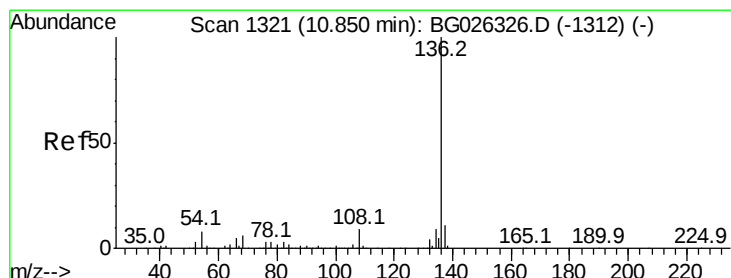
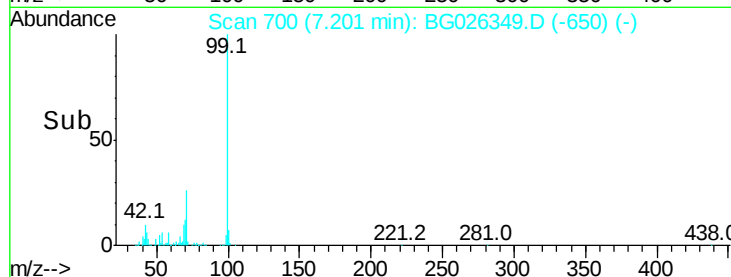
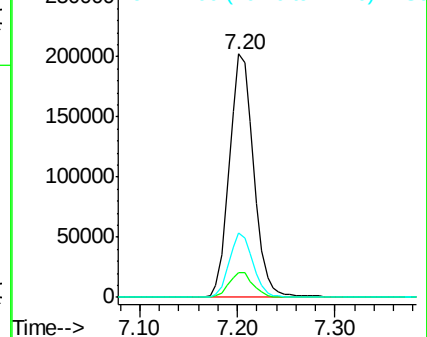
71 26.3 37.6 56.4#



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: BG026349.D

Acq: 21 Mar 2017 5:59

Tgt Ion: 136 Resp: 513332

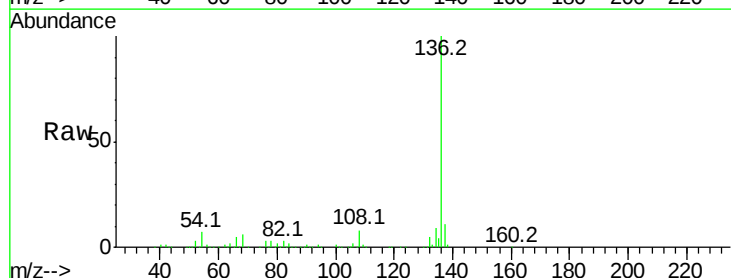
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 9.3 13.9#

68 6.3 5.1 7.7

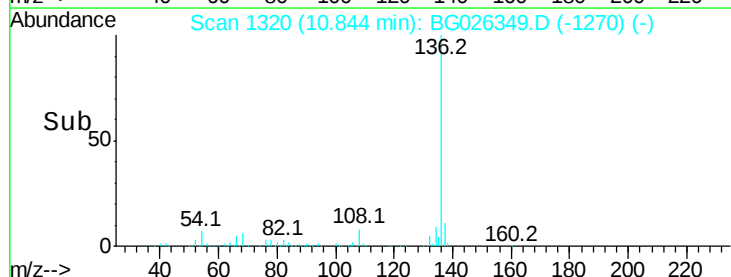
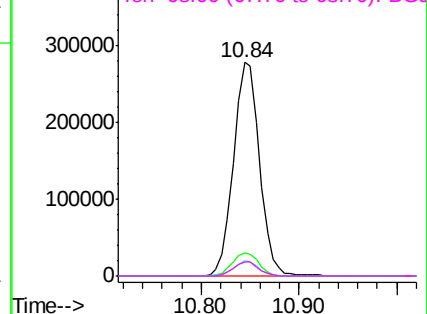


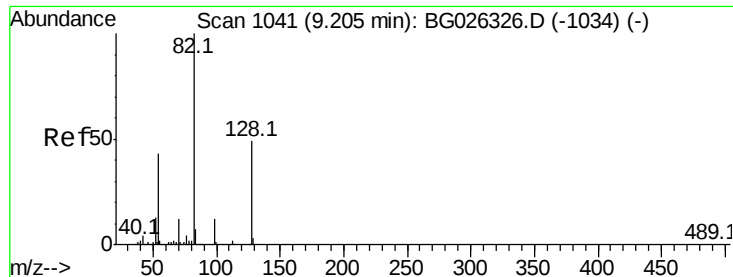
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

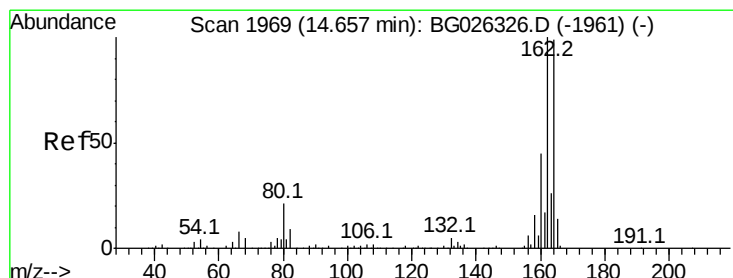
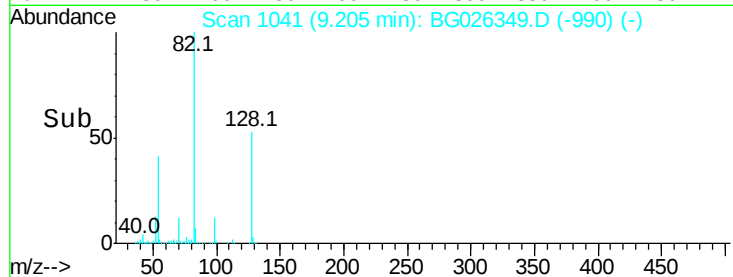
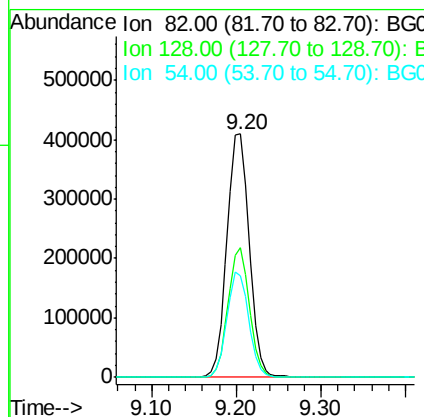
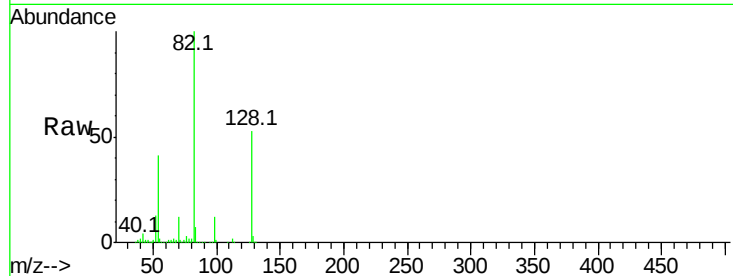




#23
 Nitrobenzene-d5
 Concen: 87.83 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG026349.D
 Acq: 21 Mar 2017 5:59

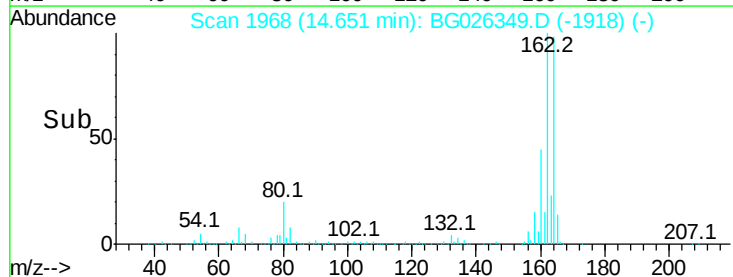
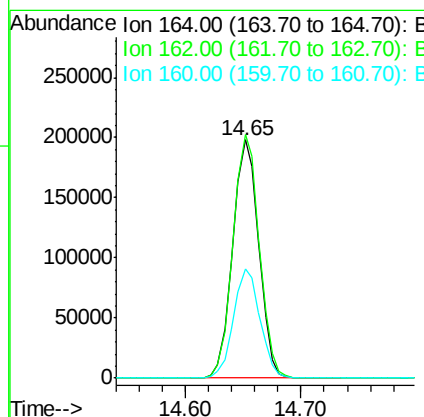
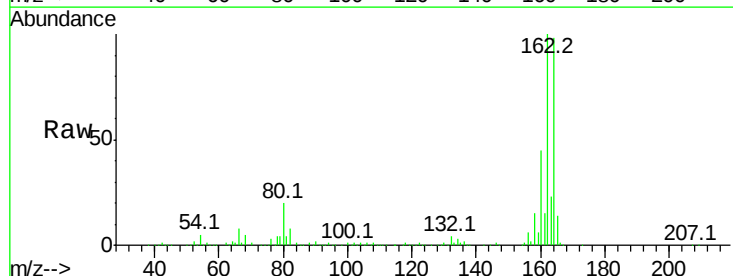
Instrument :
 BNA_G
 ClientSampleId :
 MW-106S

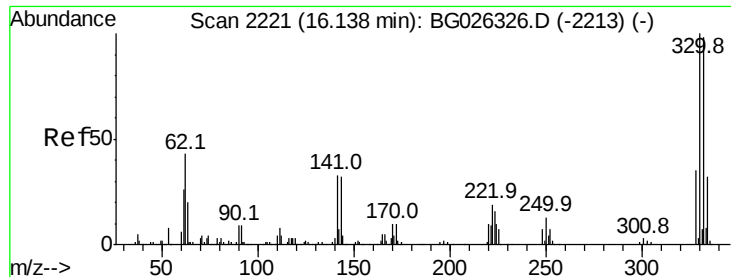
Tot Ion	82	Resp	749827
Ion	Ratio	Lower	Upper
82	100		
128	53.3	26.4	39.6#
54	41.4	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026349.D
 Acq: 21 Mar 2017 5:59

Tgt Ion	164	Resp	309053
Ion	Ratio	Lower	Upper
164	100		
162	102.2	85.1	127.7
160	46.1	34.7	52.1

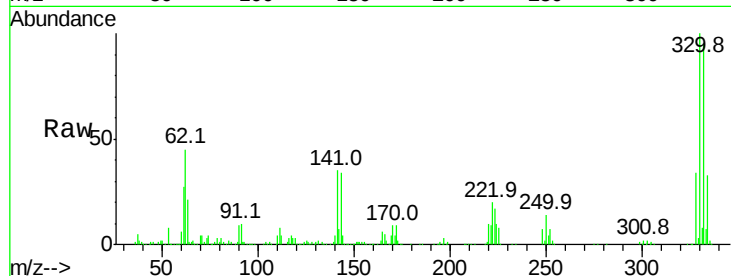




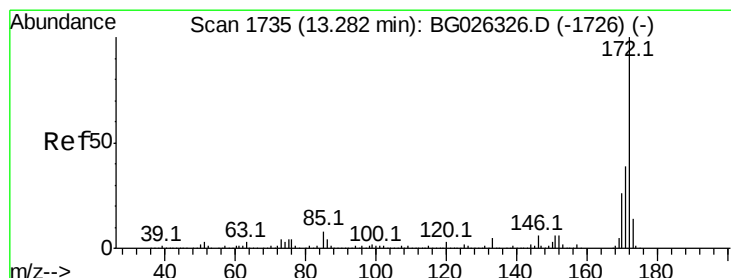
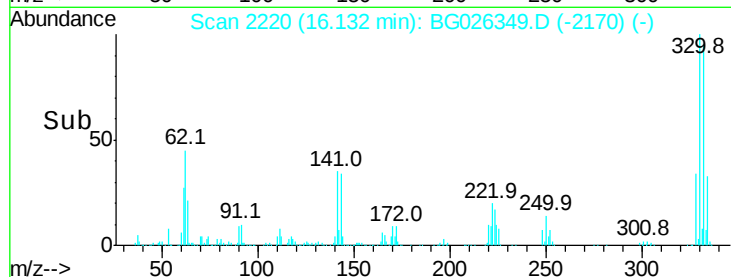
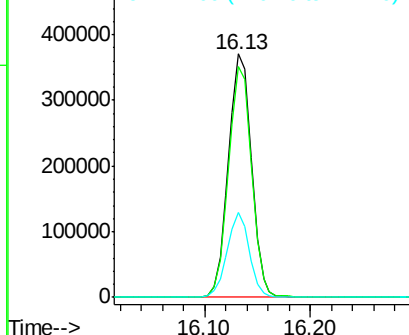
#41
 2,4,6-Tribromophenol
 Concen: 158.19 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026349.D
 Acq: 21 Mar 2017 5:59

Instrument :
 BNA_G
 ClientSampleId :
 MW-106S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.3	115.9
141	33.5	32.1	48.1

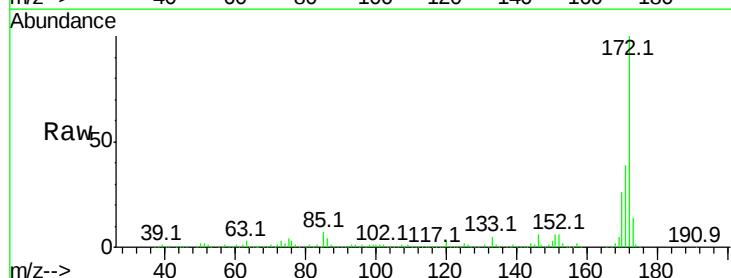


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

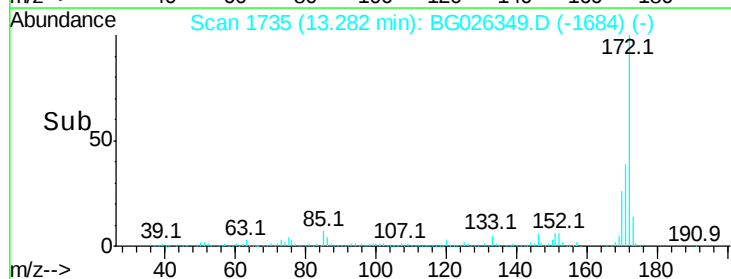
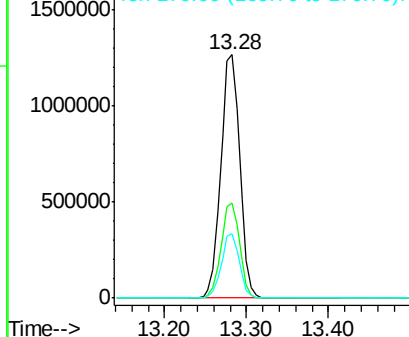


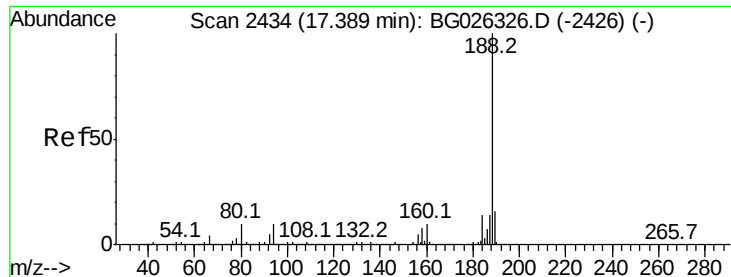
#44
 2-Fluorobiphenyl
 Concen: 92.44 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG026349.D
 Acq: 21 Mar 2017 5:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.2	48.2
170	26.3	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: BG026349.D

Acq: 21 Mar 2017 5:59

Instrument :

BNA_G

ClientSampleId :

MW-106S

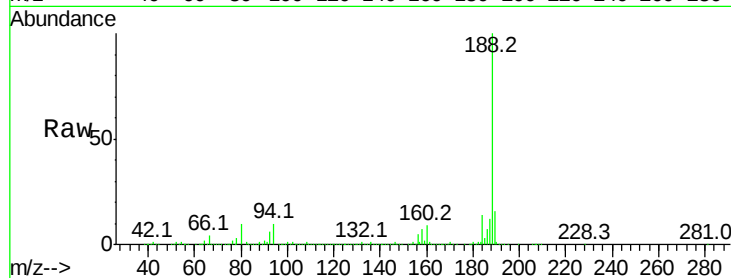
Tot Ion:188 Resp: 741944

Ion Ratio Lower Upper

188 100

94 9.8 5.8 8.8#

80 10.2 7.5 11.3

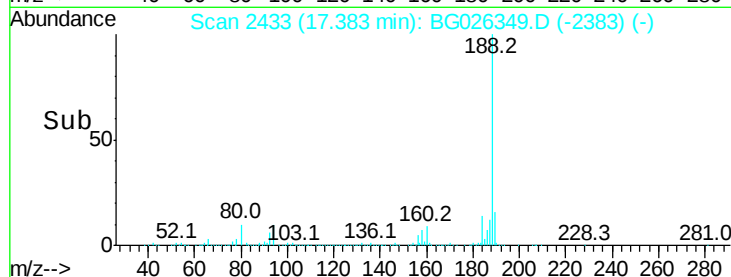


Abundance Ion 188.00 (187.70 to 188.70): E

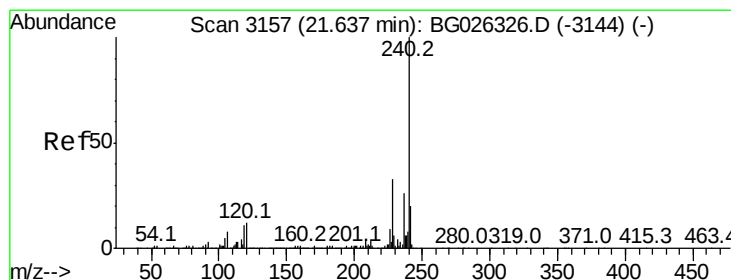
Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B

17.38



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG026349.D

Acq: 21 Mar 2017 5:59

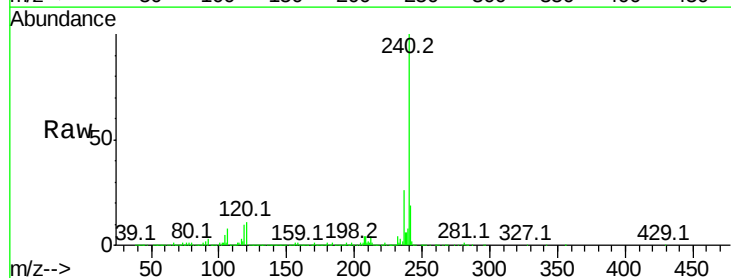
Tgt Ion:240 Resp: 823105

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

236 26.1 22.2 33.4

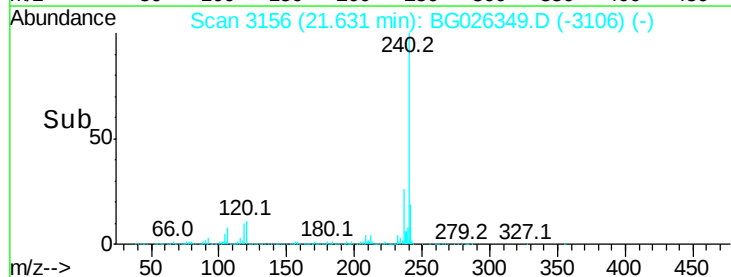


Abundance Ion 240.00 (239.70 to 240.70): E

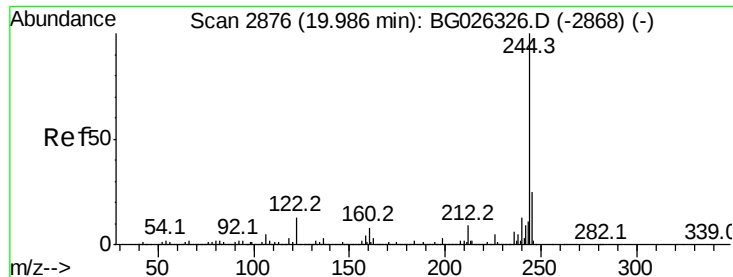
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.63



Time-->



#78

Terphenyl-d14

Concen: 72.59 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026349.D

Acq: 21 Mar 2017 5:59

Instrument :

BNA_G

ClientSampleId :

MW-106S

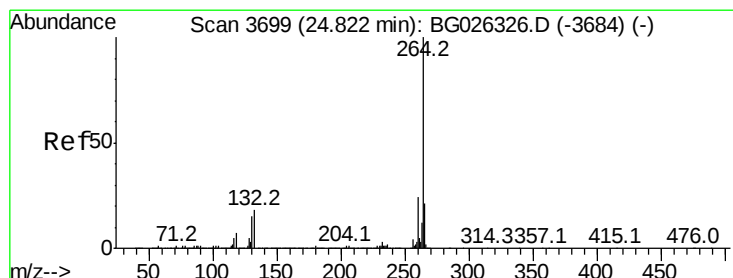
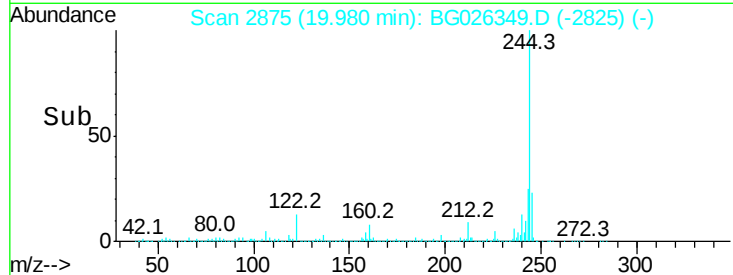
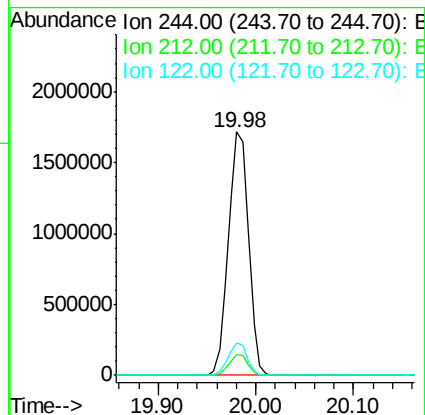
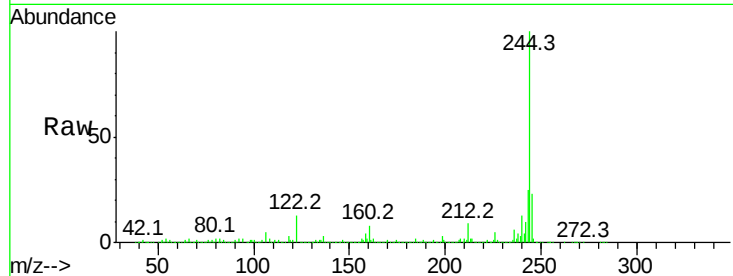
Tot Ion:244 Resp: 2460241

Ion Ratio Lower Upper

244 100

212 8.6 10.0 15.0#

122 13.5 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: BG026349.D

Acq: 21 Mar 2017 5:59

Tgt Ion:264 Resp: 786267

Ion Ratio Lower Upper

264 100

260 24.7 21.8 32.8

265 22.8 18.2 27.4

