

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026579.D
 Acq On : 6 Apr 2017 23:40
 Operator : SJ/MA
 Sample : I2532-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 38D

Quant Time: Apr 07 01:14:31 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	163877	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	650698	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	368311	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	887536	20.00	ng	0.00
75) Chrysene-d12	21.62	240	1075417	20.00	ng	-0.01
86) Perylene-d12	24.81	264	1044754	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	58072	6.29	ng	0.00
7) Phenol-d6	7.21	99	45784	3.69	ng	0.00
23) Nitrobenzene-d5	9.20	82	194145	17.94	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	75172	17.82	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	614927	23.41	ng	0.00
78) Terphenyl-d14	19.97	244	840980	18.99	ng	-0.01

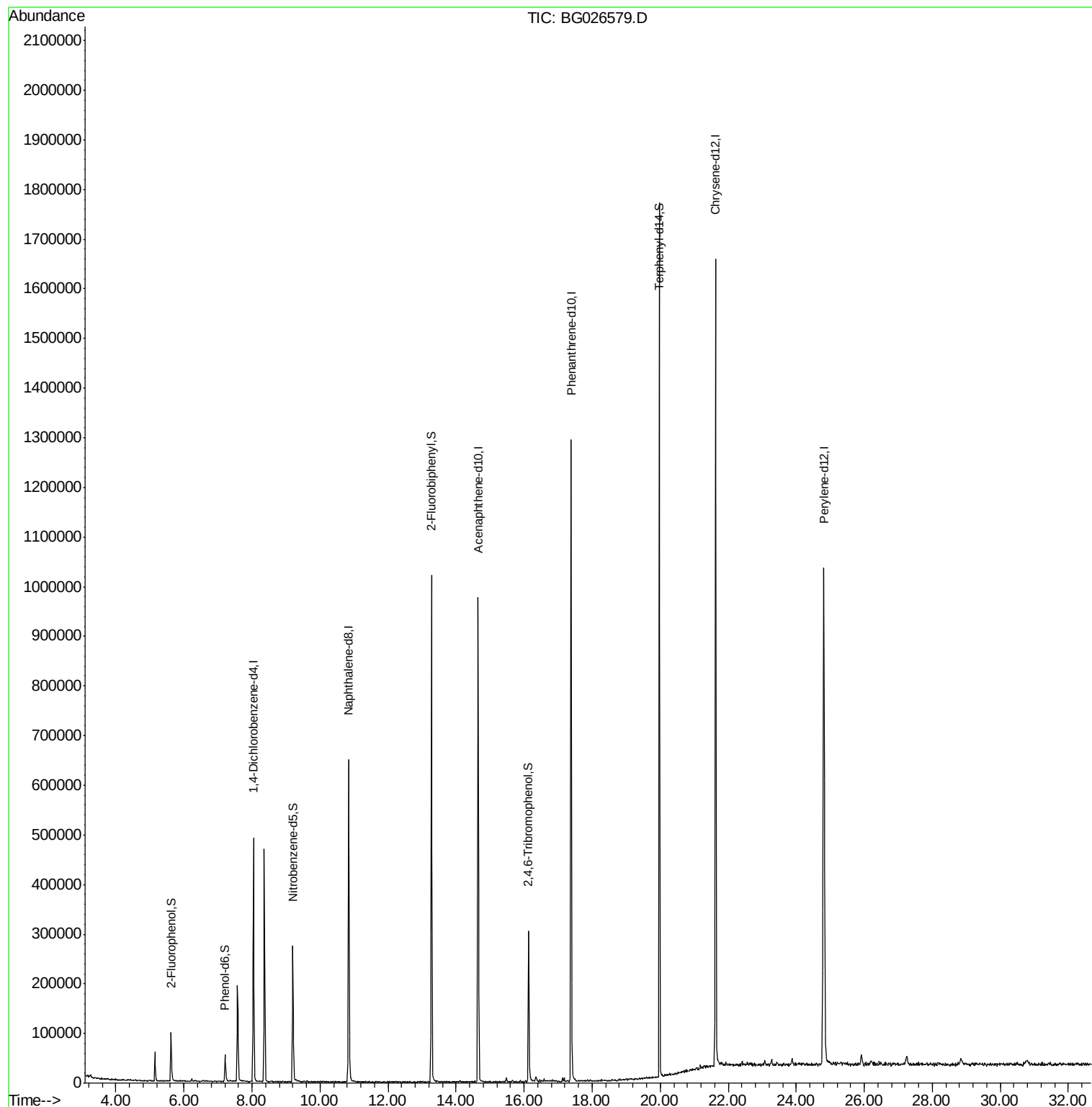
Target Compounds Qvalue

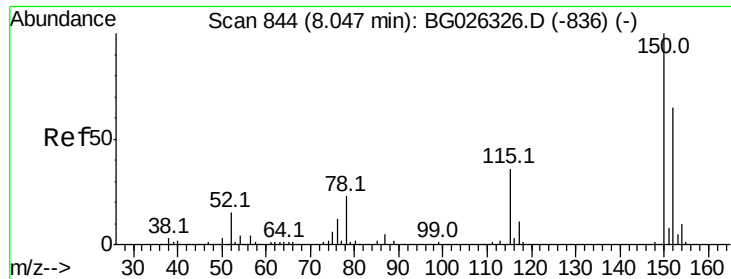
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

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ClientSampleId :

38D

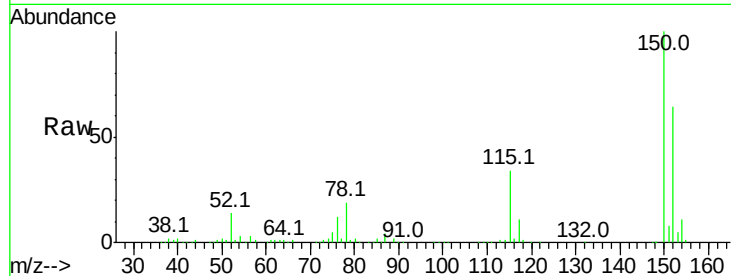
Tot Ion:152 Resp: 163877

Ion Ratio Lower Upper

152 100

150 156.5 114.0 171.0

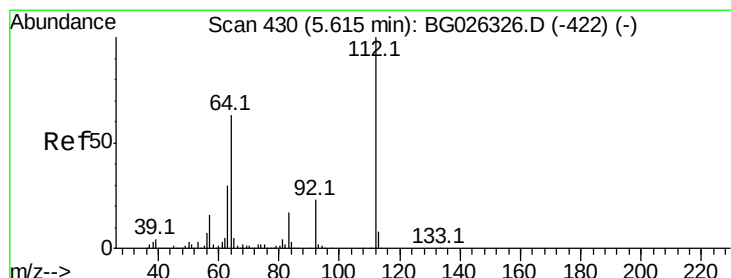
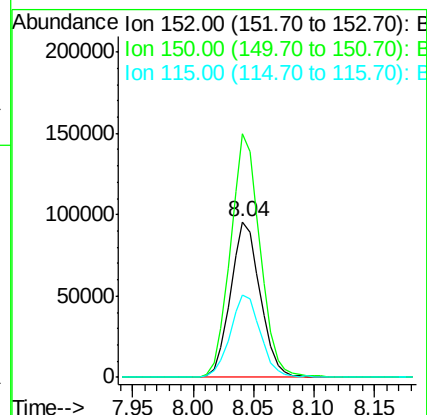
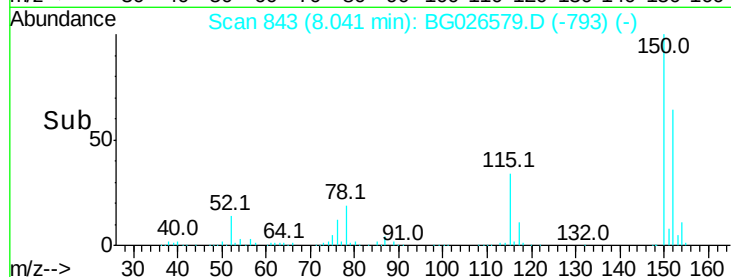
115 52.7 48.1 72.1



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: 6.29 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG026579.D

Acq: 6 Apr 2017 23:40

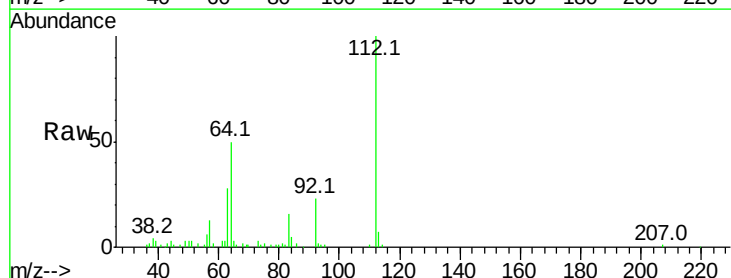
Tgt Ion:112 Resp: 58072

Ion Ratio Lower Upper

112 100

64 50.2 61.8 92.6#

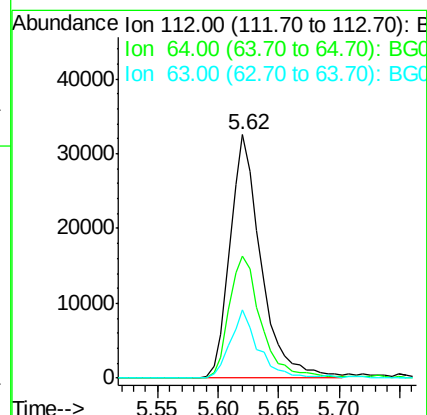
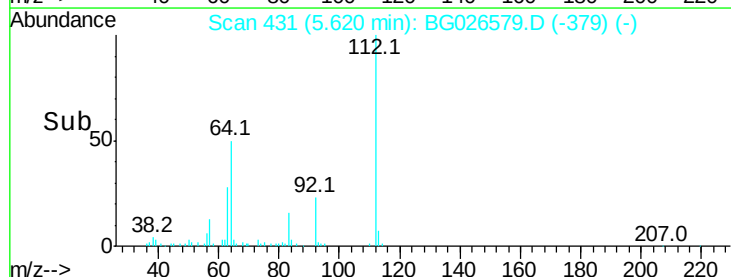
63 28.0 37.2 55.8#

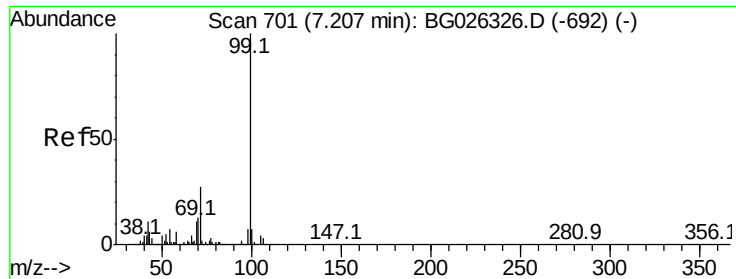


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 3.69 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG026579.D

Acq: 6 Apr 2017 23:40

Instrument :

BNA_G

ClientSampleId :

38D

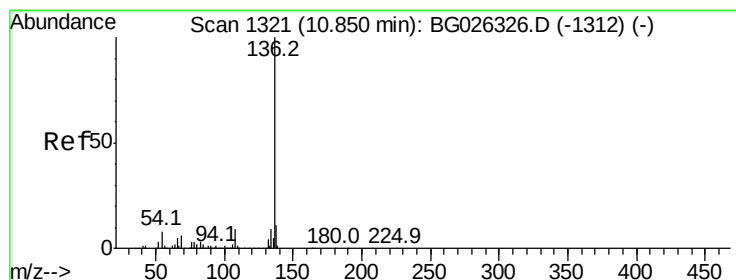
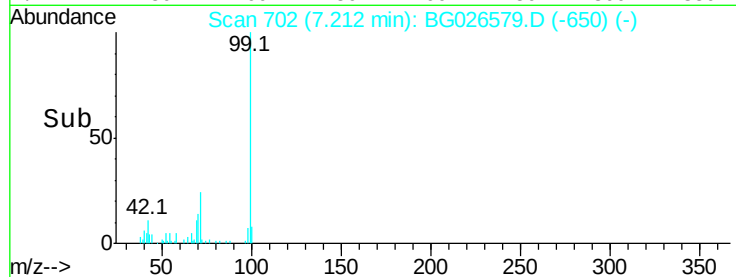
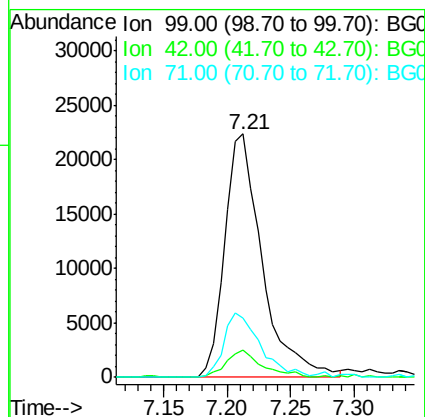
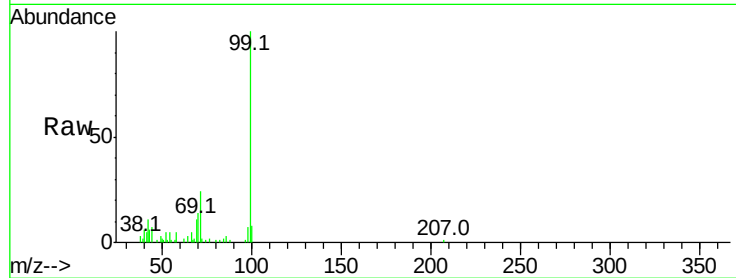
Tot Ion: 99 Resp: 45784

Ion Ratio Lower Upper

99 100

42 11.1 20.5 30.7#

71 24.1 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026579.D

Acq: 6 Apr 2017 23:40

Tgt Ion: 136 Resp: 650698

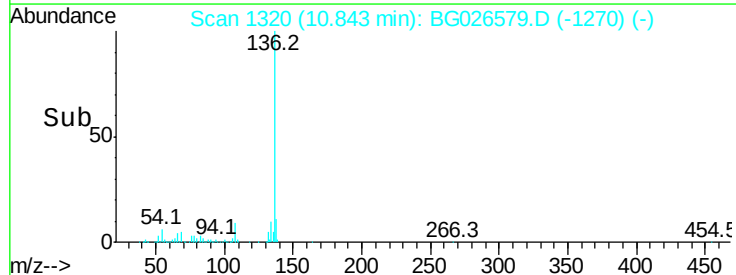
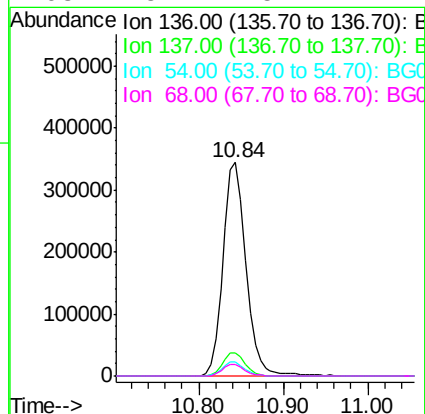
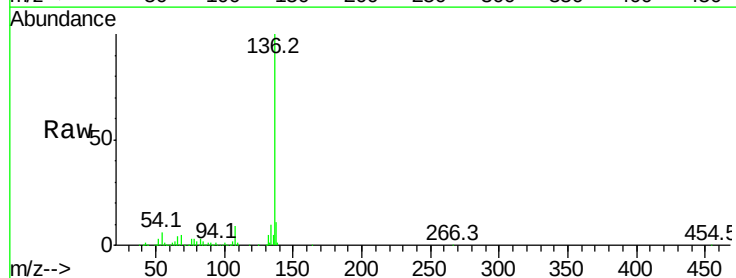
Ion Ratio Lower Upper

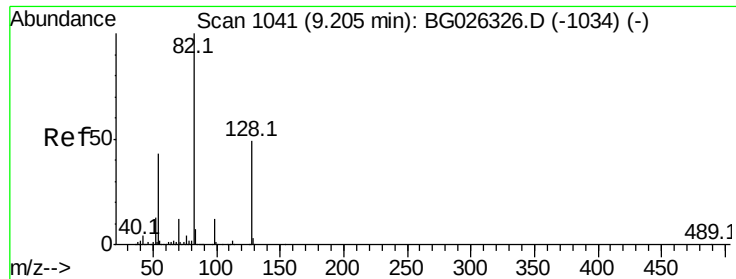
136 100

137 10.9 8.9 13.3

54 6.4 9.3 13.9#

68 5.4 5.1 7.7

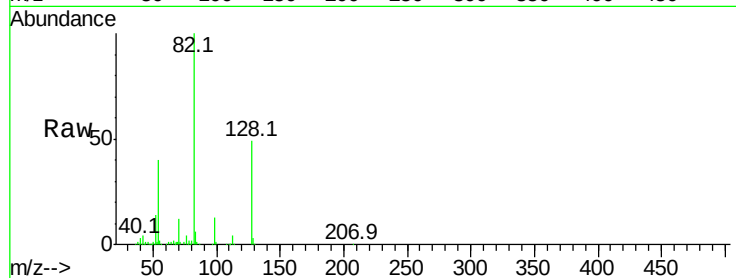




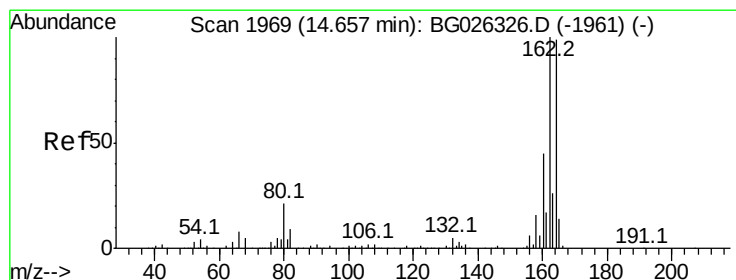
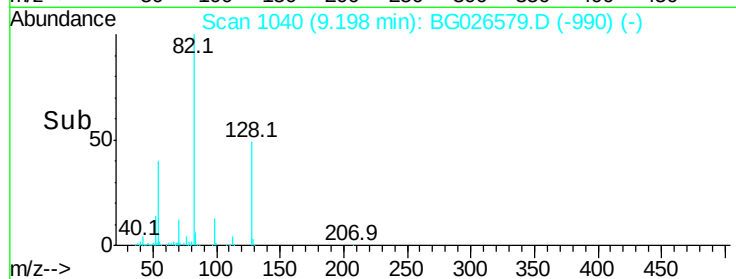
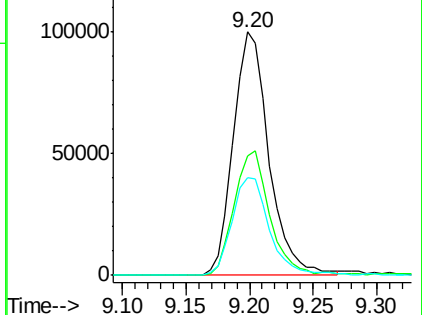
#23
Nitrobenzene-d5
Concen: 17.94 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026579.D
Acq: 6 Apr 2017 23:40

Instrument :
BNA_G
ClientSampleId :
38D

Tot Ion	82	Resp	194145
Ion	Ratio	Lower	Upper
82	100		
128	49.1	26.4	39.6#
54	40.3	49.4	74.2#

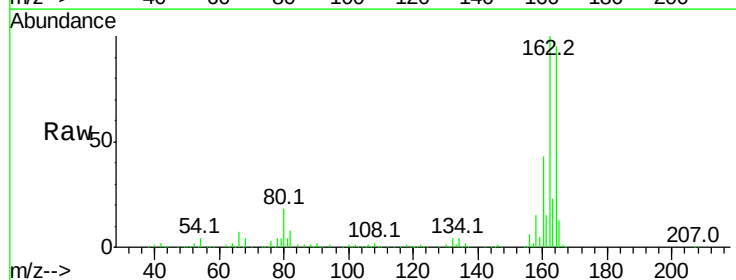


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

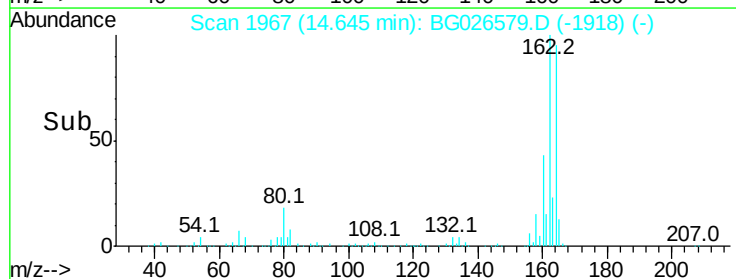
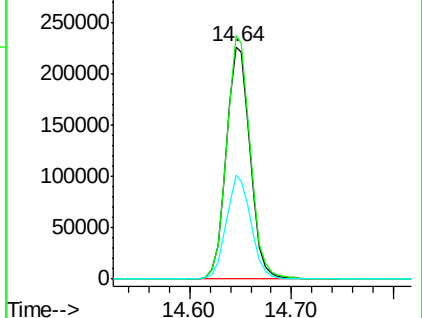


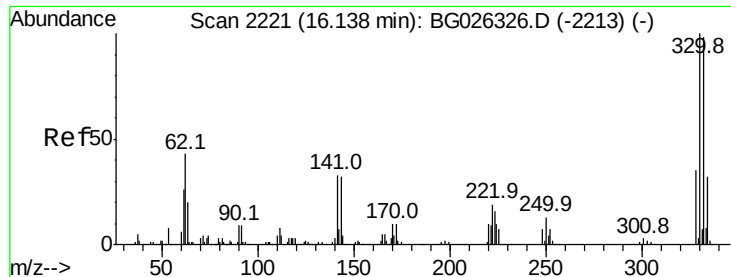
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026579.D
Acq: 6 Apr 2017 23:40

Tgt Ion	164	Resp	368311
Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.1	127.7
160	44.6	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

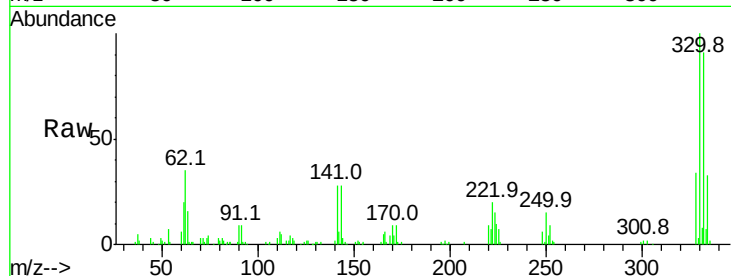




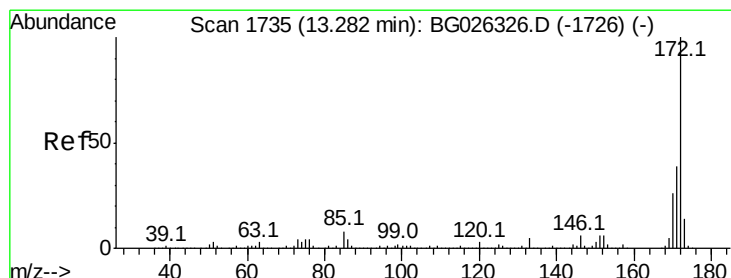
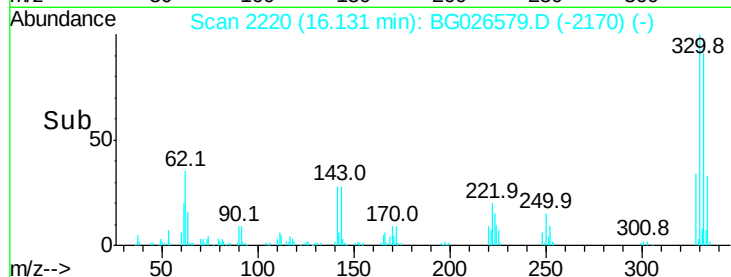
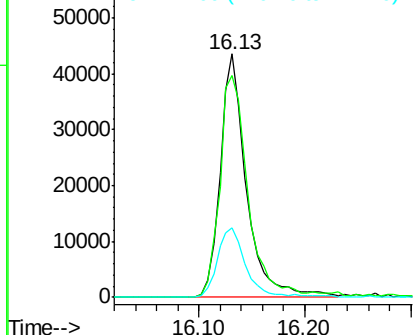
#41
 2,4,6-Tribromophenol
 Concen: 17.82 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026579.D
 Acq: 6 Apr 2017 23:40

Instrument :
 BNA_G
 ClientSampleId :
 38D

Tot Ion:330 Resp: 75172
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.3 115.9
 141 30.5 32.1 48.1#

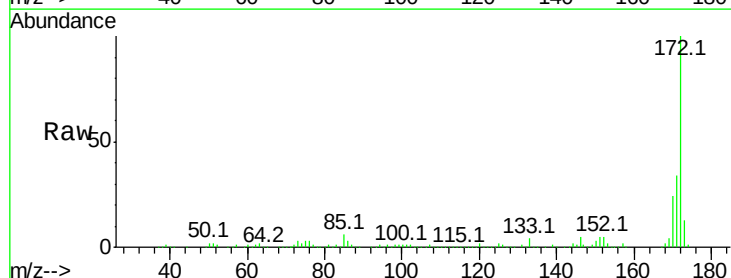


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

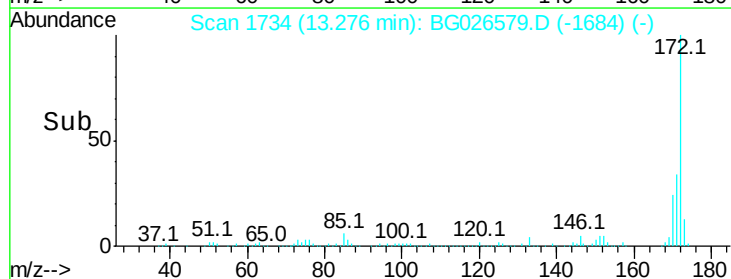
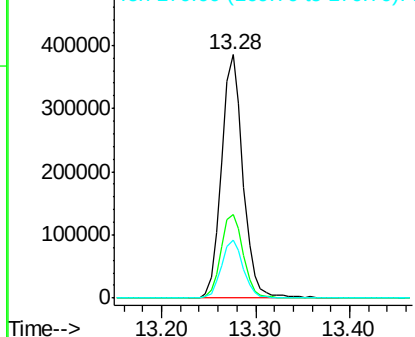


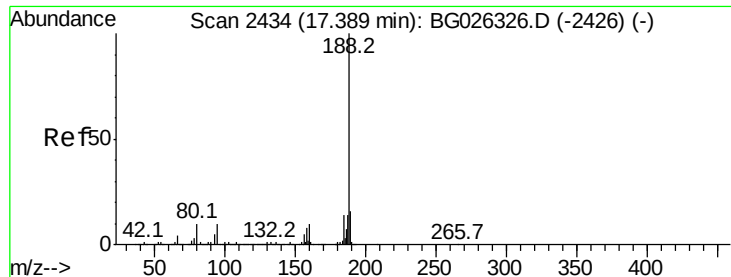
#44
 2-Fluorobiphenyl
 Concen: 23.41 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026579.D
 Acq: 6 Apr 2017 23:40

Tgt Ion:172 Resp: 614927
 Ion Ratio Lower Upper
 172 100
 171 34.5 32.2 48.2
 170 24.1 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

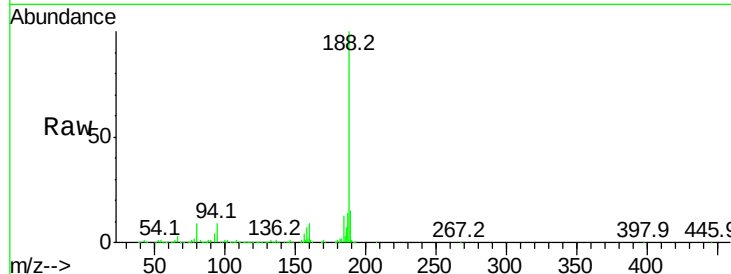




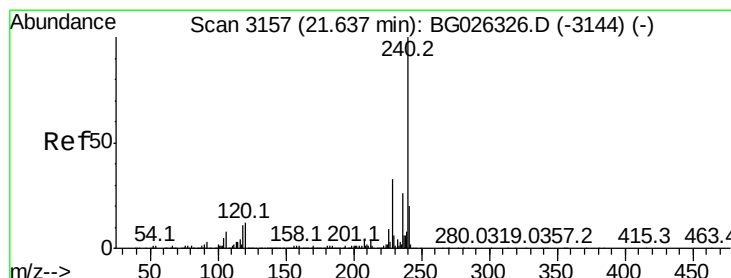
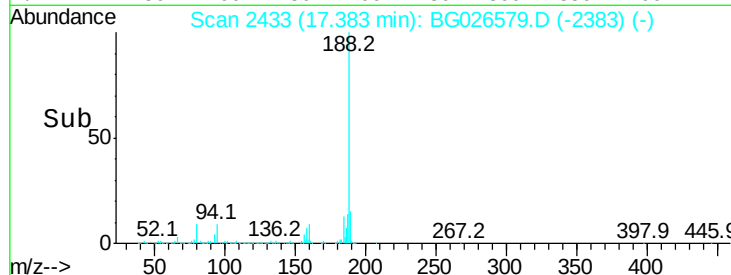
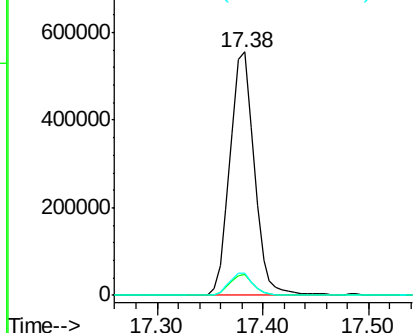
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026579.D
Acq: 6 Apr 2017 23:40

Instrument :
BNA_G
ClientSampleId :
38D

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.8	8.8
80	8.9	7.5	11.3

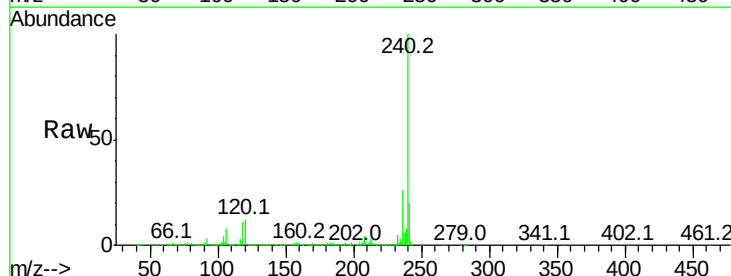


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

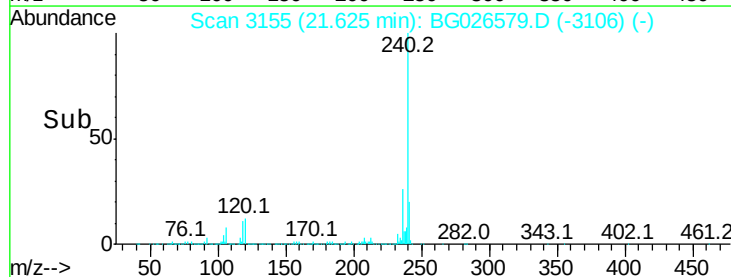
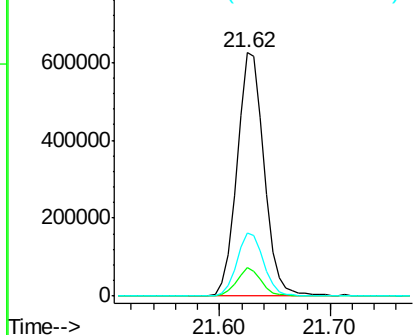


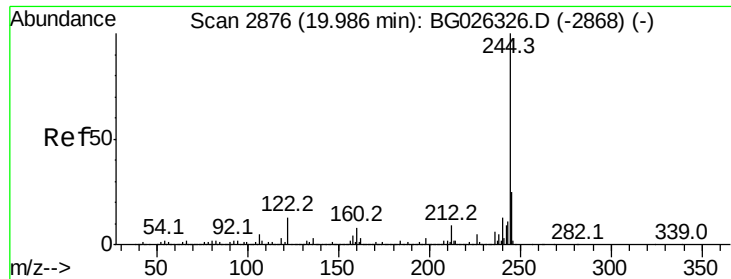
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026579.D
Acq: 6 Apr 2017 23:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	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

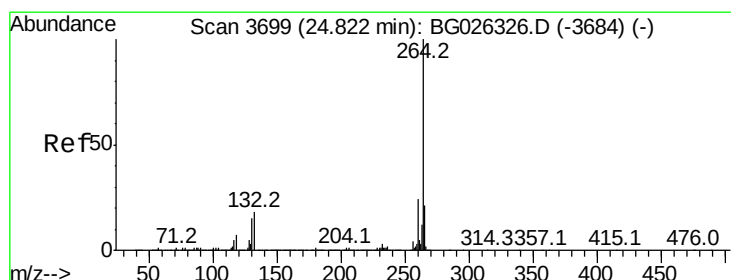
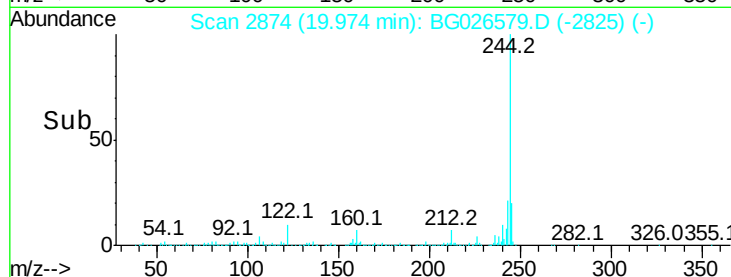
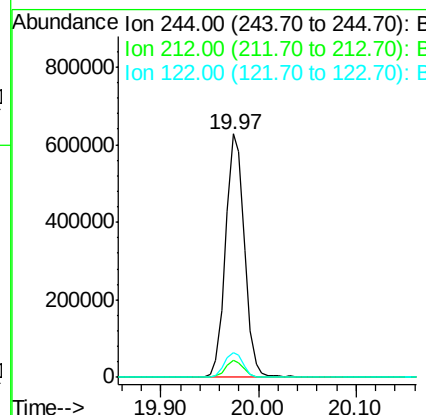
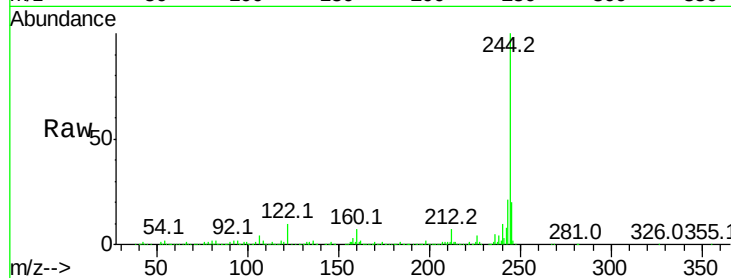




#78
 Terphenyl-d14
 Concen: 18.99 ng
 RT: 19.97 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BG026579.D
 Acq: 6 Apr 2017 23:40

Instrument :
 BNA_G
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 38D

Tot Ion:244 Resp: 840980
 Ion Ratio Lower Upper
 244 100
 212 7.1 10.0 15.0#
 122 10.4 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: BG026579.D
 Acq: 6 Apr 2017 23:40

Tgt Ion:264 Resp: 1044754
 Ion Ratio Lower Upper
 264 100
 260 24.8 21.8 32.8
 265 22.6 18.2 27.4

