

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026577.D
 Acq On : 6 Apr 2017 22:21
 Operator : SJ/MA
 Sample : I2532-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 54C

Quant Time: Apr 07 01:13:56 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	171805	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	689199	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	390662	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	911665	20.00	ng	0.00
75) Chrysene-d12	21.63	240	1067261	20.00	ng	0.00
86) Perylene-d12	24.81	264	1046233	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	519627	53.68	ng	0.00
7) Phenol-d6	7.20	99	468761	36.07	ng	0.00
23) Nitrobenzene-d5	9.20	82	874787	76.32	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	501272	112.05	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2410391	86.53	ng	0.00
78) Terphenyl-d14	19.98	244	3021207	68.75	ng	0.00

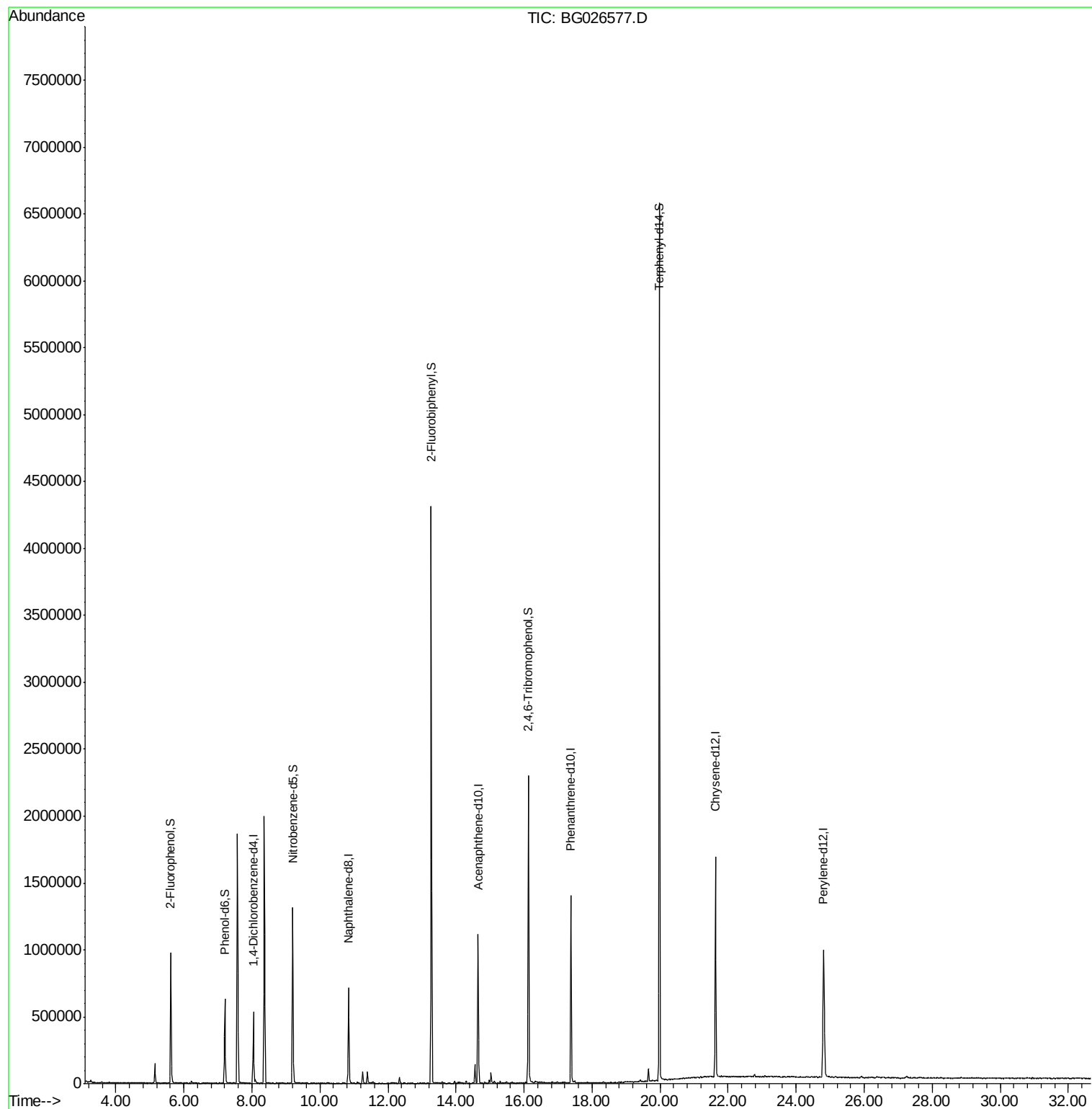
Target Compounds Qvalue

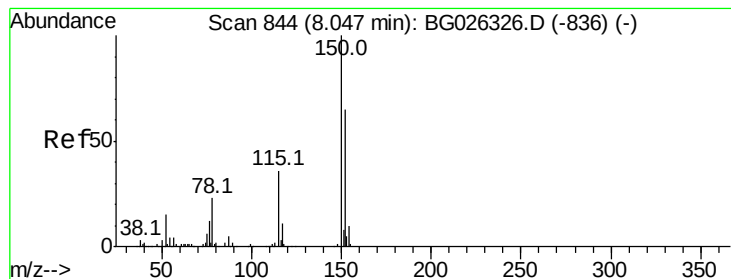
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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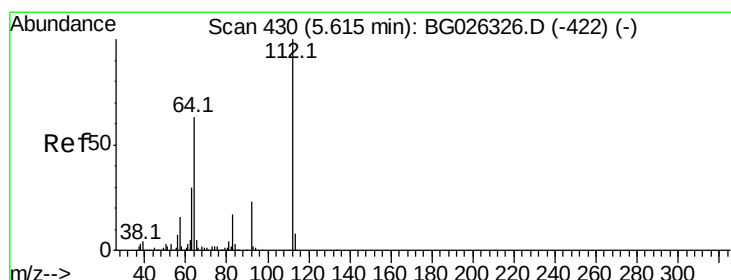
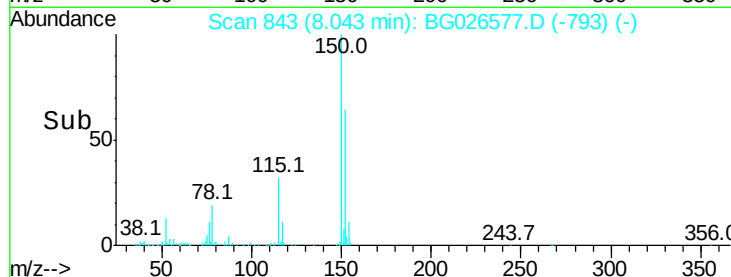
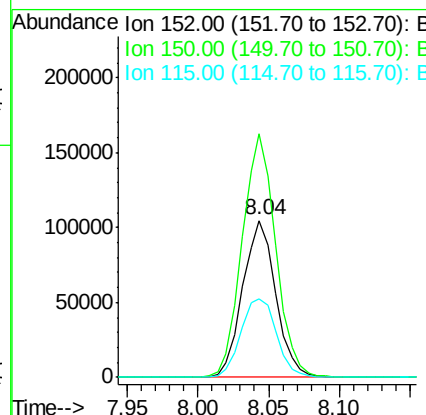
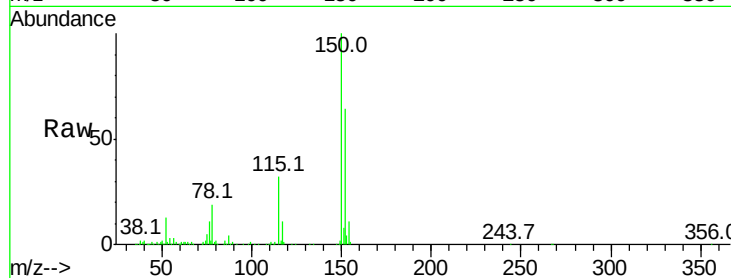


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Instrument :
BNA_G
ClientSampleId :
54C

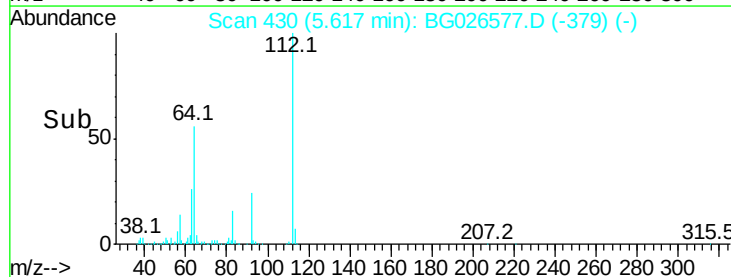
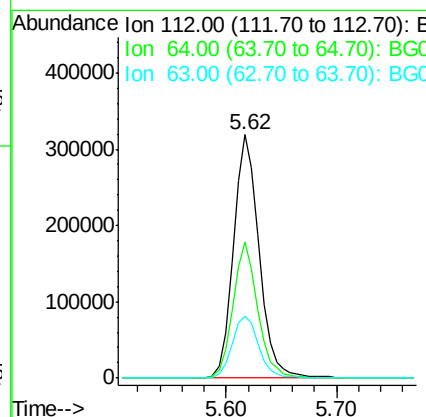
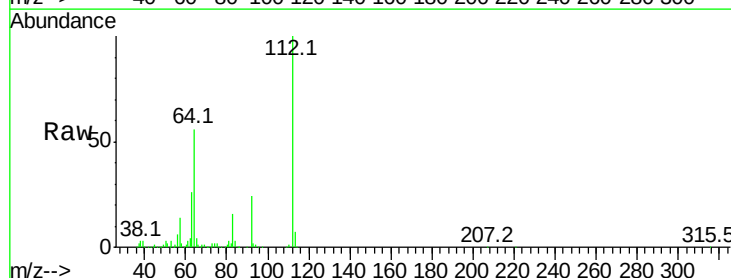
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	114.0	171.0
115	49.7	48.1	72.1

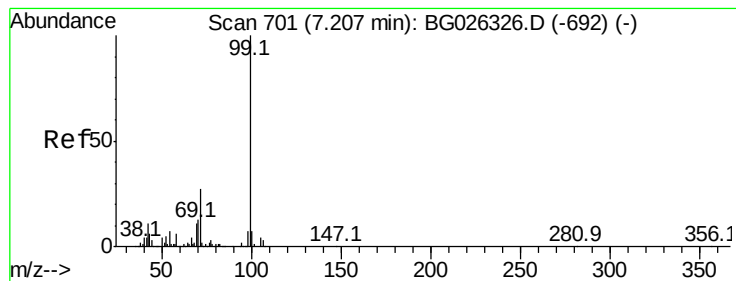


#5

2-Fluorophenol
Concen: 53.68 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	61.8	92.6#
63	25.6	37.2	55.8#





#7

Phenol-d6

Concen: 36.07 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026577.D

Acq: 6 Apr 2017 22:21

Instrument :

BNA_G

ClientSampleId :

54C

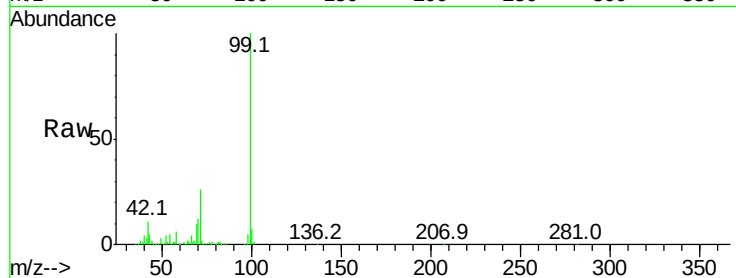
Tot Ion: 99 Resp: 468761

Ion Ratio Lower Upper

99 100

42 10.5 20.5 30.7#

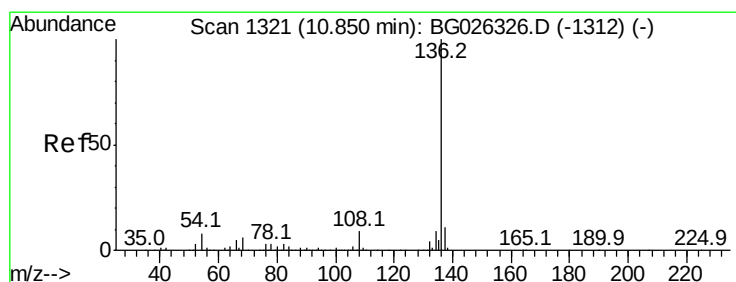
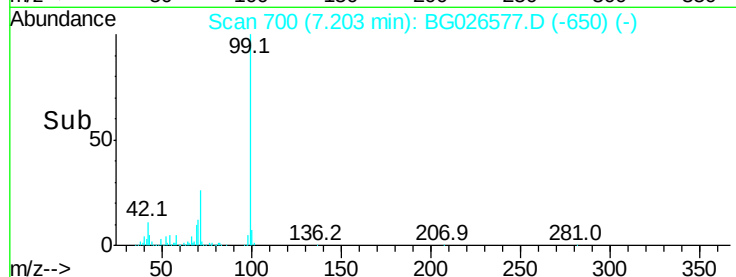
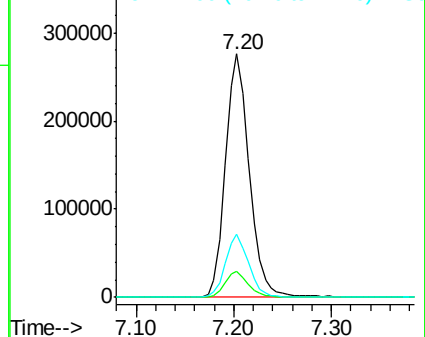
71 26.0 37.6 56.4#



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# 1319

Delta R.T. -0.01 min

Lab File: BG026577.D

Acq: 6 Apr 2017 22:21

Tgt Ion: 136 Resp: 689199

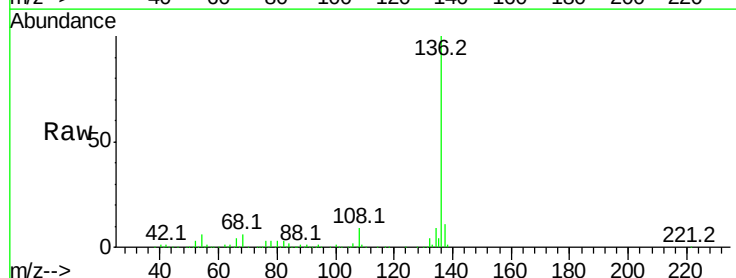
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.3 9.3 13.9#

68 5.5 5.1 7.7

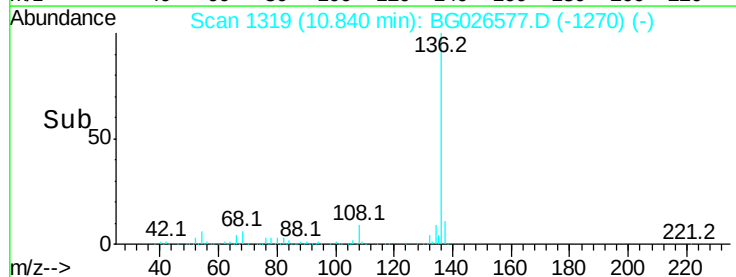
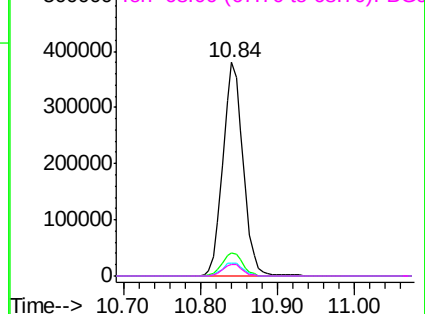


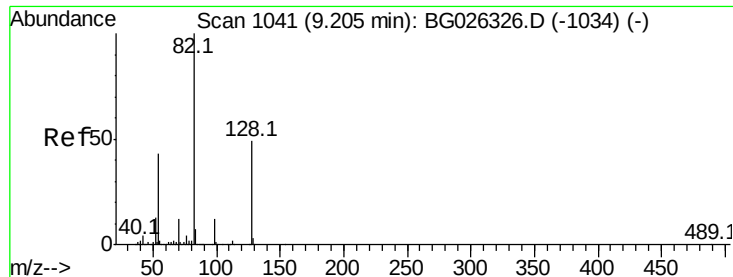
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

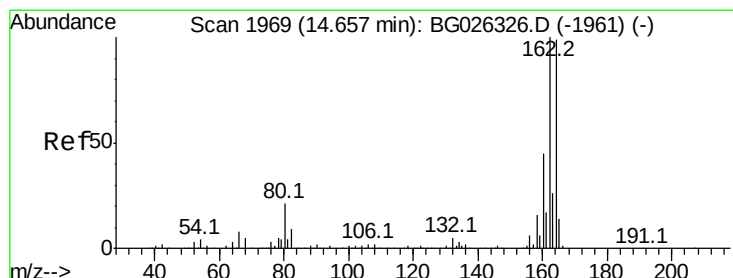
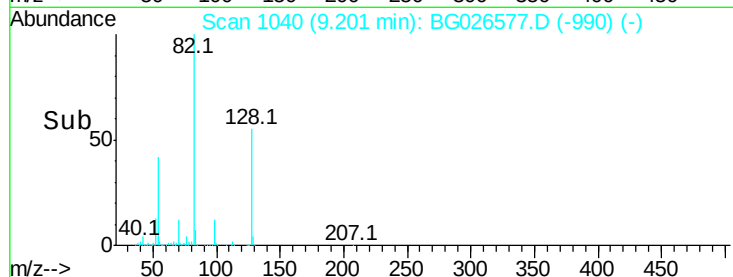
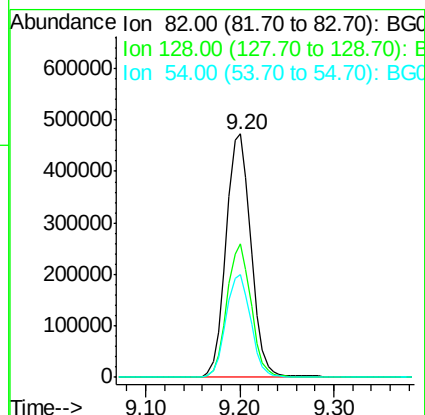
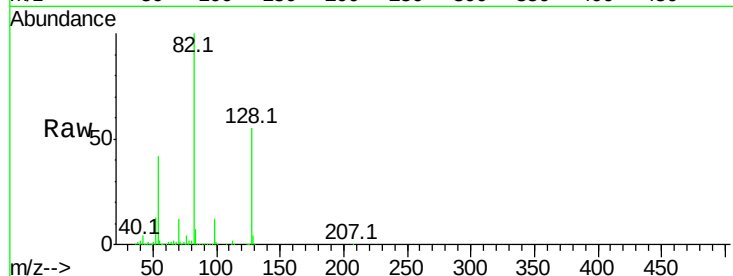




#23
Nitrobenzene-d5
Concen: 76.32 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

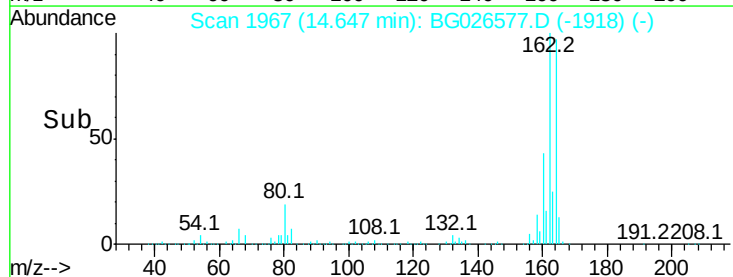
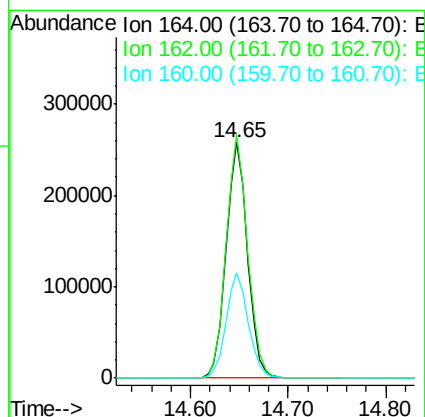
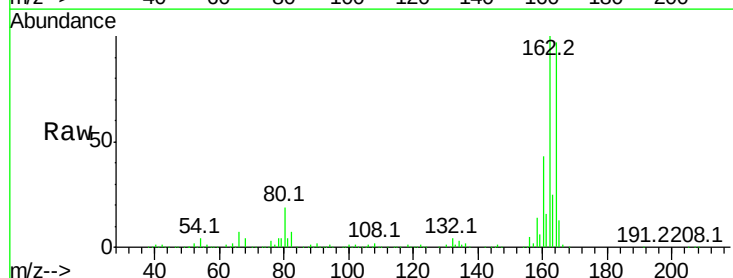
Instrument :
BNA_G
ClientSampleId :
54C

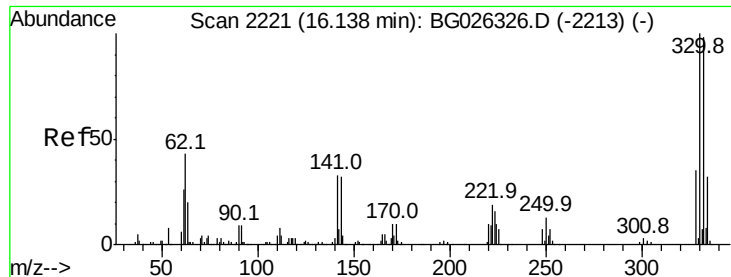
Tot Ion: 82 Resp: 874787
Ion Ratio Lower Upper
82 100
128 55.0 26.4 39.6#
54 42.4 49.4 74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Tgt Ion:164 Resp: 390662
Ion Ratio Lower Upper
164 100
162 103.3 85.1 127.7
160 44.8 34.7 52.1

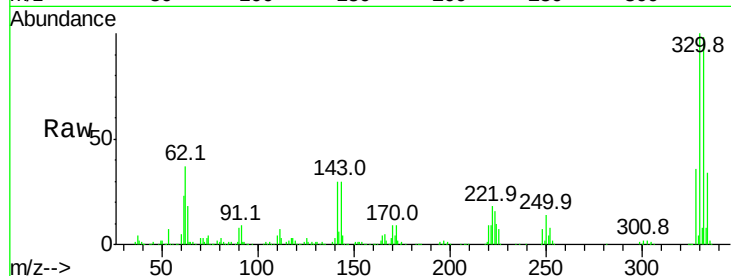




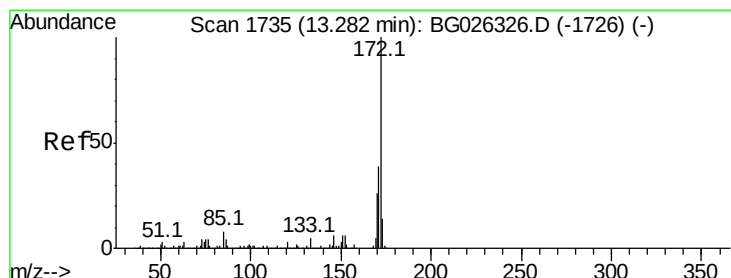
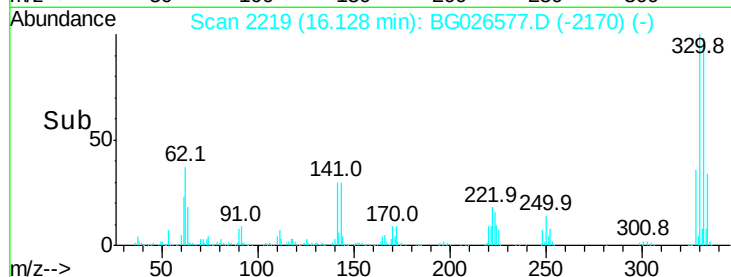
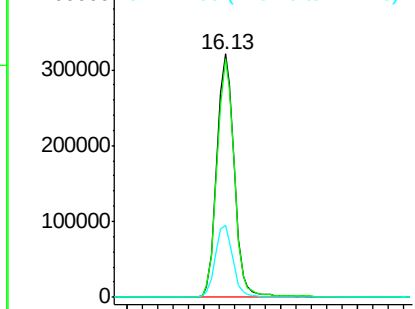
#41
 2,4,6-Tribromophenol
 Concen: 112.05 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026577.D
 Acq: 6 Apr 2017 22:21

Instrument :
 BNA_G
 ClientSampleId :
 54C

Tot Ion:330 Resp: 501272
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.3 115.9
 141 29.8 32.1 48.1#

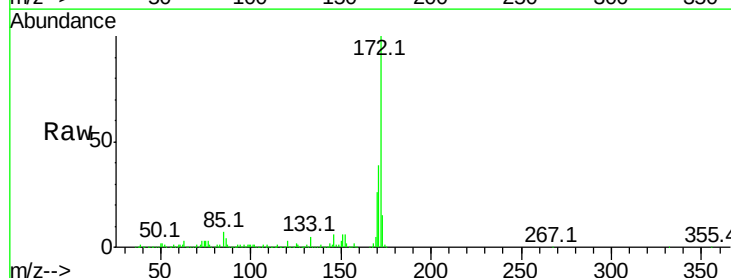


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

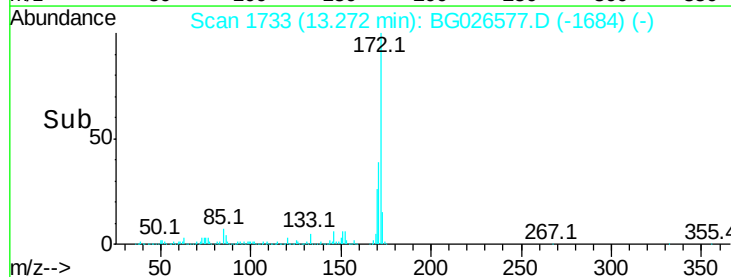
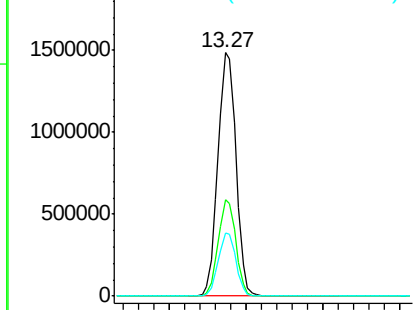


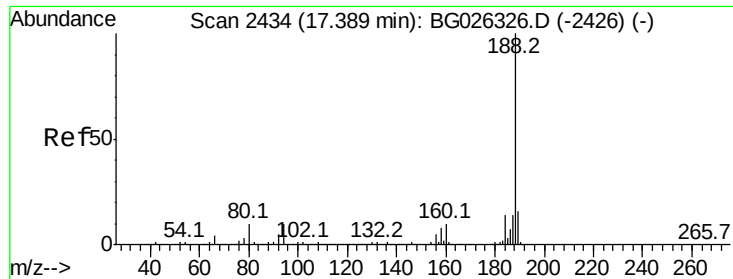
#44
 2-Fluorobiphenyl
 Concen: 86.53 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026577.D
 Acq: 6 Apr 2017 22:21

Tgt Ion:172 Resp: 2410391
 Ion Ratio Lower Upper
 172 100
 171 39.5 32.2 48.2
 170 26.2 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

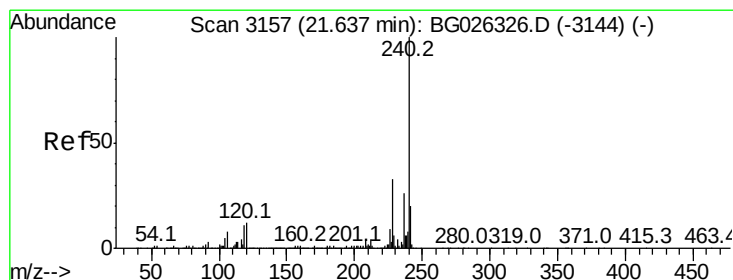
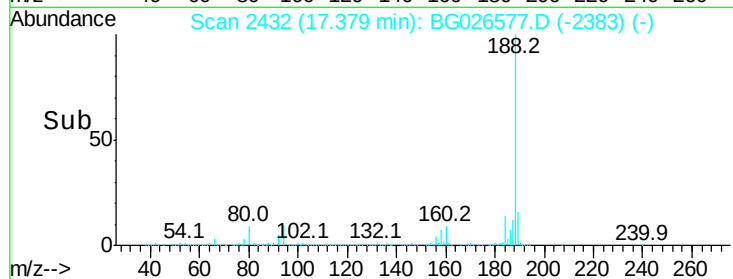
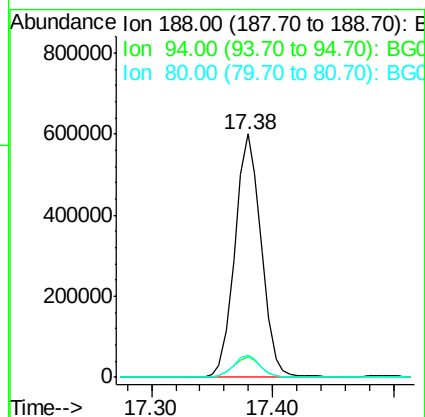
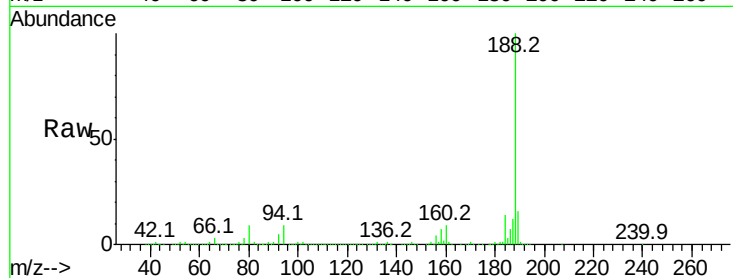




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

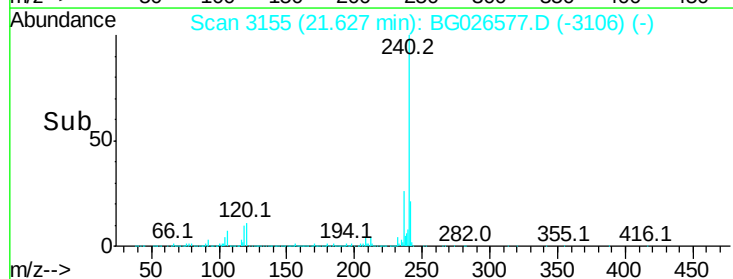
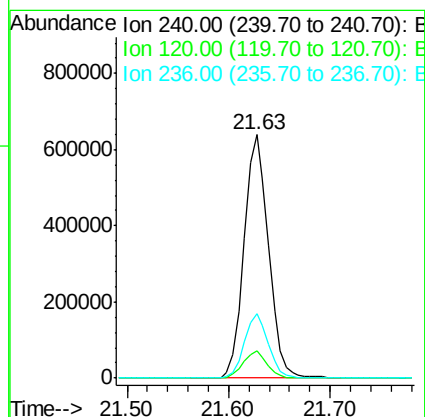
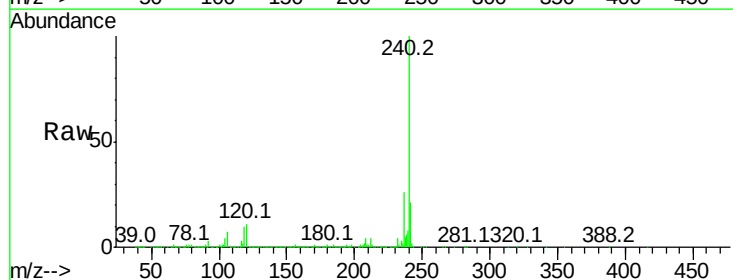
Instrument :
BNA_G
ClientSampleId :
54C

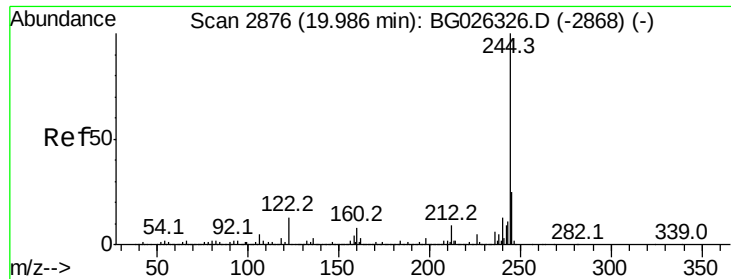
Tot Ion:188 Resp: 911665
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.8
80 9.3 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Tgt Ion:240 Resp: 1067261
Ion Ratio Lower Upper
240 100
120 11.1 5.7 8.5#
236 26.4 22.2 33.4

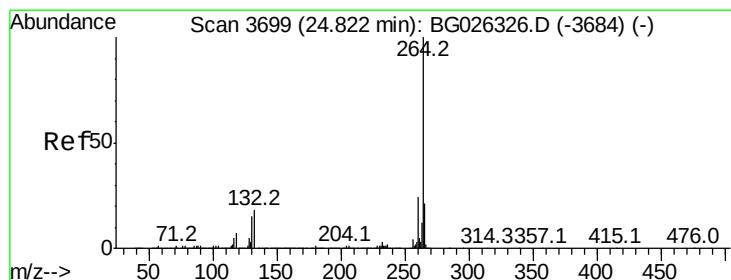
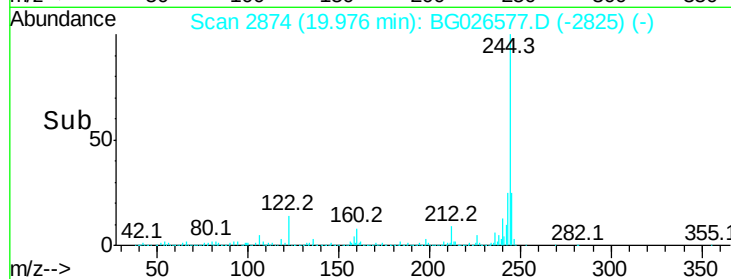
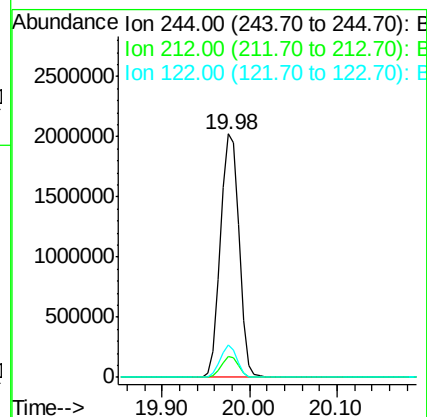
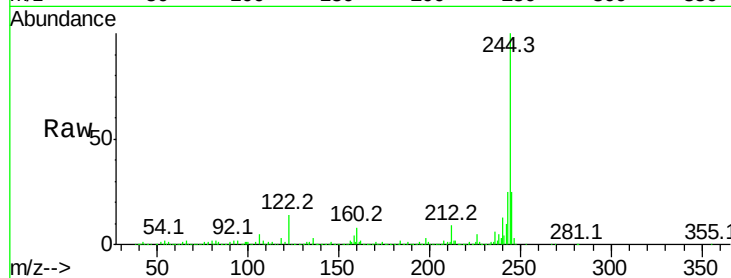




#78
 Terphenyl-d14
 Concen: 68.75 ng
 RT: 19.98 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BG026577.D
 Acq: 6 Apr 2017 22:21

Instrument :
 BNA_G
 ClientSampled :
 54C

Tot Ion:244 Resp: 3021207
 Ion Ratio Lower Upper
 244 100
 212 8.6 10.0 15.0#
 122 13.6 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.81 min Scan# 3696
 Delta R.T. -0.02 min
 Lab File: BG026577.D
 Acq: 6 Apr 2017 22:21

Tgt Ion:264 Resp: 1046233
 Ion Ratio Lower Upper
 264 100
 260 23.9 21.8 32.8
 265 21.6 18.2 27.4

