

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041117\
 Data File : BG026632.D
 Acq On : 12 Apr 2017 1:04
 Operator : SJ/MA
 Sample : I2620-10
 Misc : For Confirmation
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D004-D005-D006

Quant Time: Apr 12 05:28:33 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	8.03	152	161782	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	643035	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	381068	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	976589	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1255310	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1201927	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1117604	122.61	ng	0.00
7) Phenol-d6	7.20	99	1377061	112.53	ng	0.00
23) Nitrobenzene-d5	9.19	82	829223	77.54	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	715134	163.88	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	2285691	84.12	ng	-0.01
78) Terphenyl-d14	19.97	244	3675161	71.10	ng	-0.01

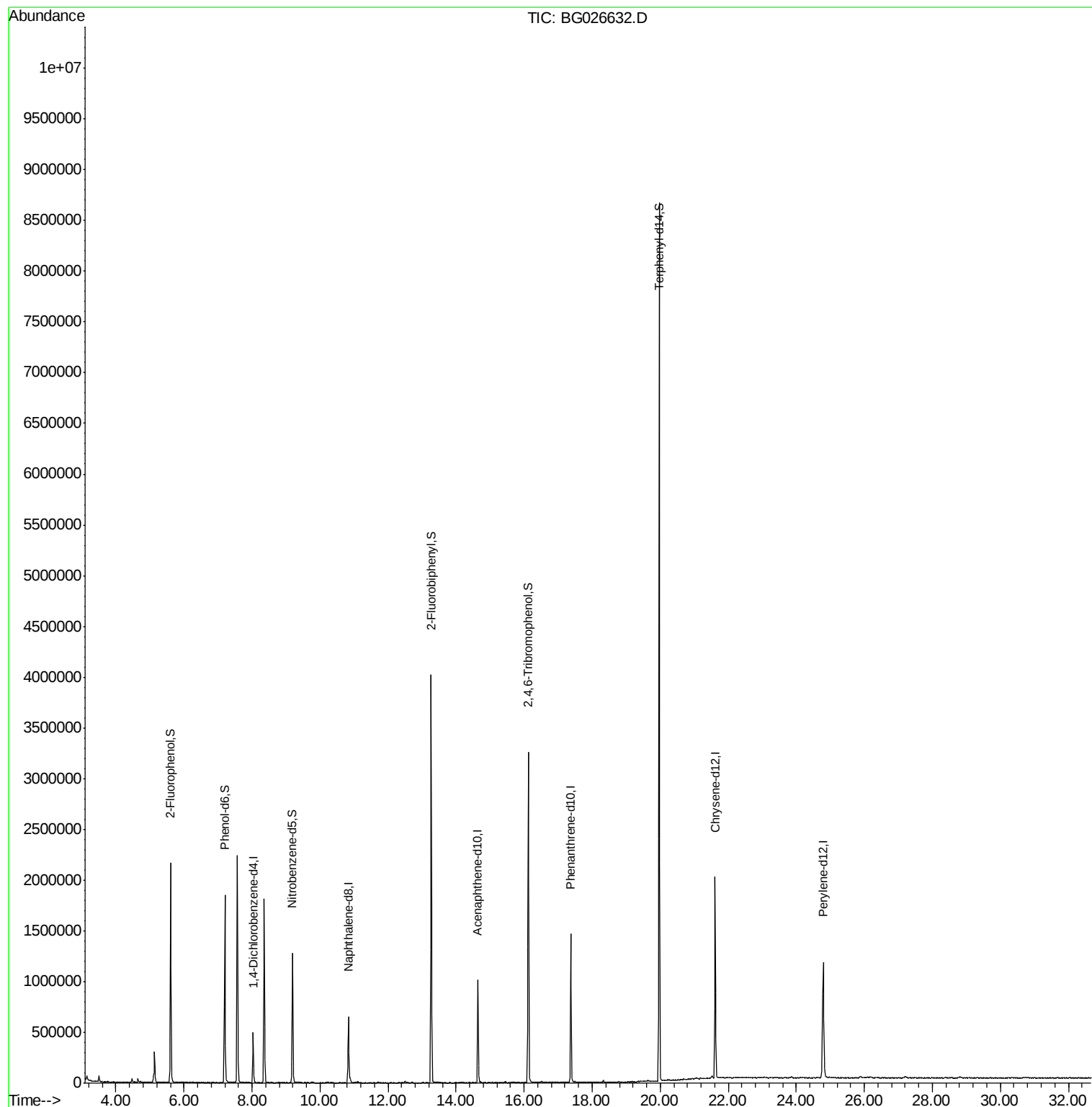
Target Compounds Qvalue

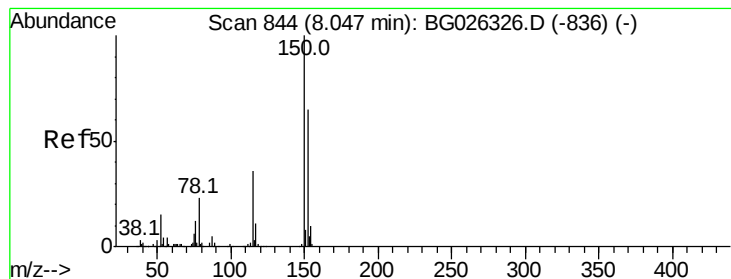
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG026632.D

Acq: 12 Apr 2017 1:04

Instrument :

BNA_G

ClientSampleId :

D004-D005-D006

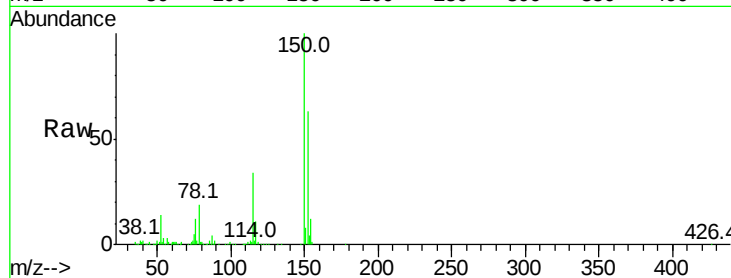
Tot Ion:152 Resp: 161782

Ion Ratio Lower Upper

152 100

150 158.4 114.0 171.0

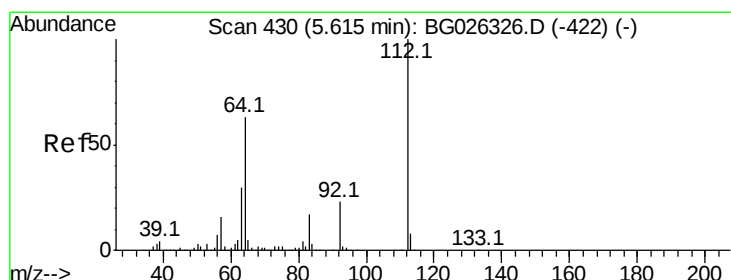
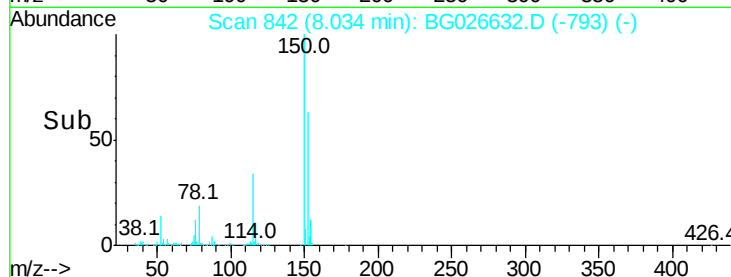
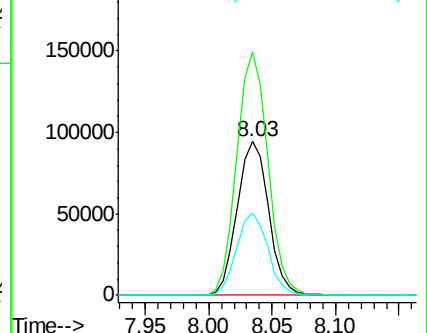
115 53.9 48.1 72.1



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: 122.61 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG026632.D

Acq: 12 Apr 2017 1:04

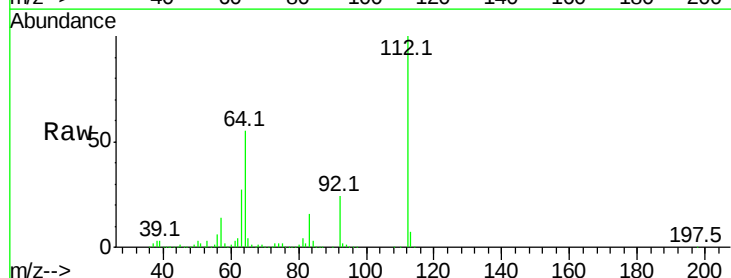
Tgt Ion:112 Resp: 1117604

Ion Ratio Lower Upper

112 100

64 54.6 61.8 92.6#

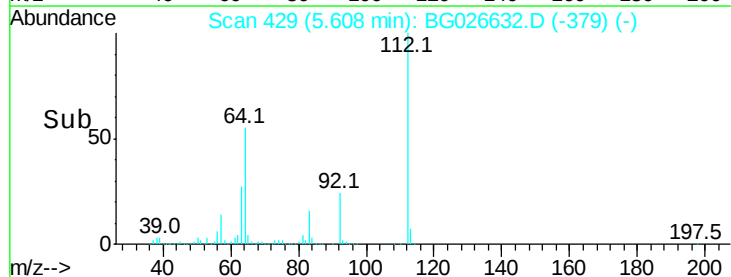
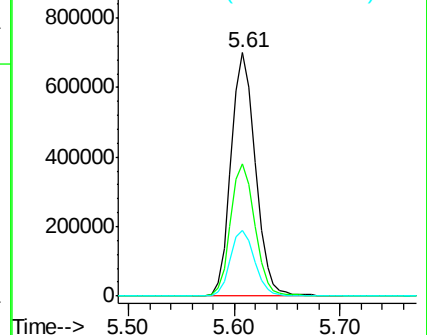
63 27.0 37.2 55.8#

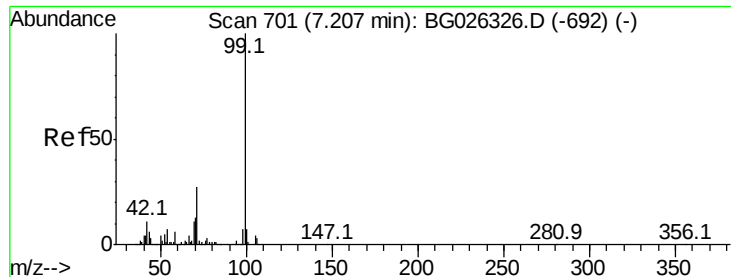


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.53 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026632.D

Acq: 12 Apr 2017 1:04

Instrument :

BNA_G

ClientSampleId :

D004-D005-D006

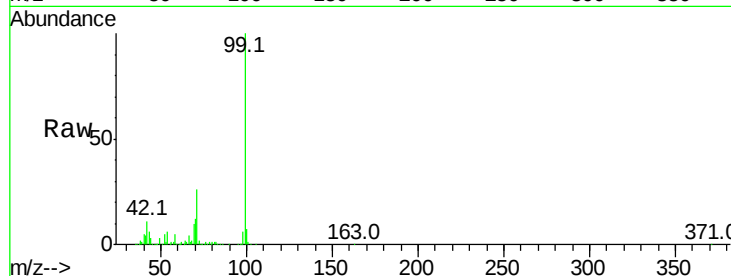
Tot Ion: 99 Resp: 1377061

Ion Ratio Lower Upper

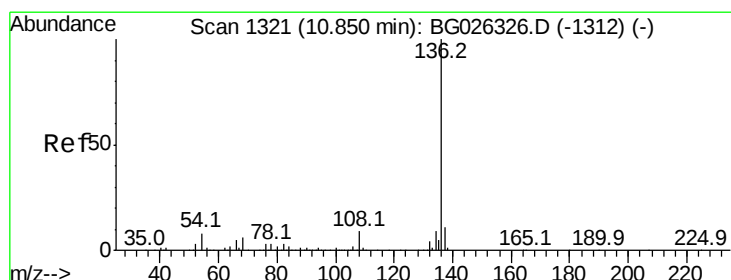
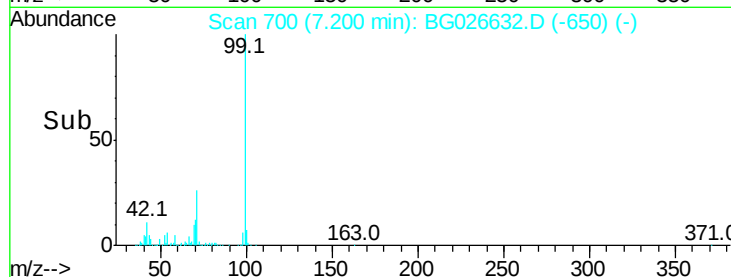
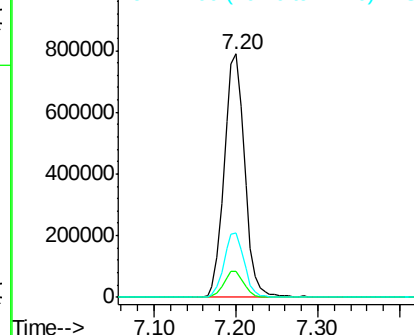
99 100

42 10.8 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: 10.83 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG026632.D

Acq: 12 Apr 2017 1:04

Tgt Ion: 136 Resp: 643035

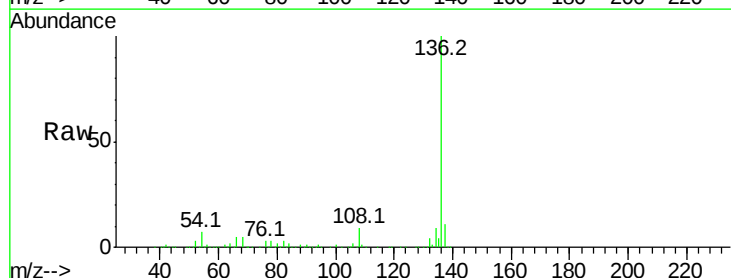
Ion Ratio Lower Upper

136 100

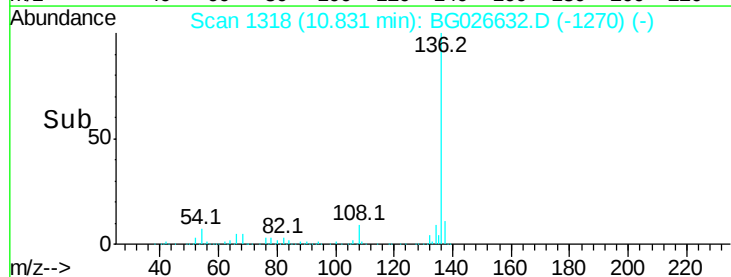
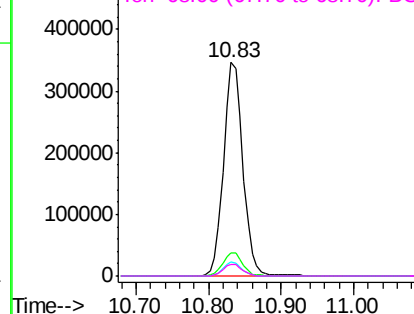
137 10.8 8.9 13.3

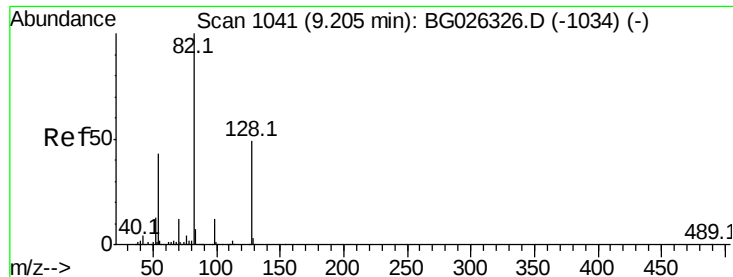
54 6.8 9.3 13.9#

68 5.3 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

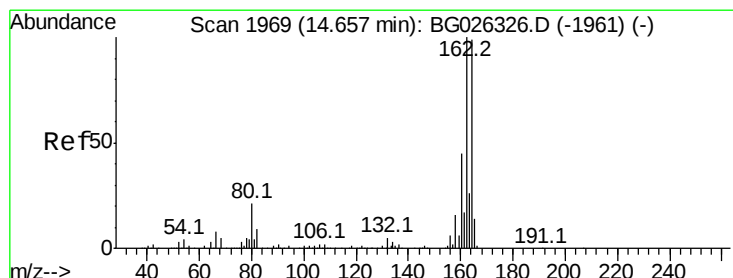
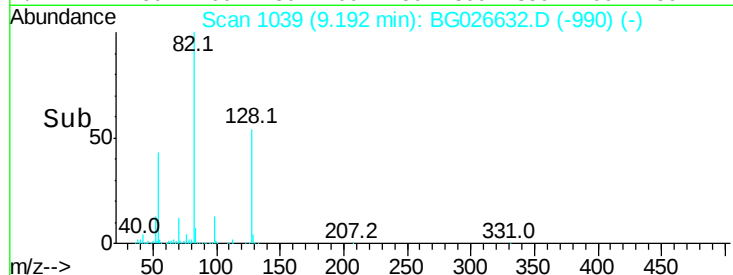
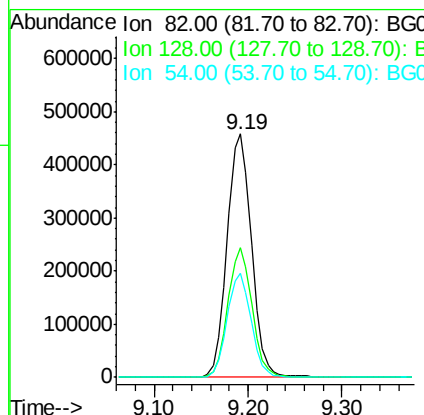
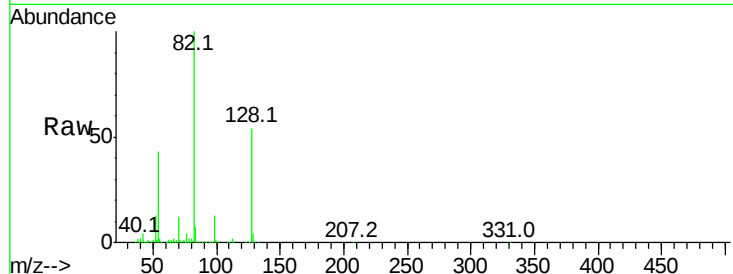




#23
 Nitrobenzene-d5
 Concen: 77.54 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG026632.D
 Acq: 12 Apr 2017 1:04

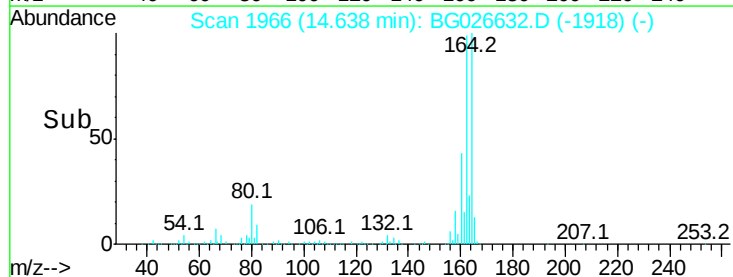
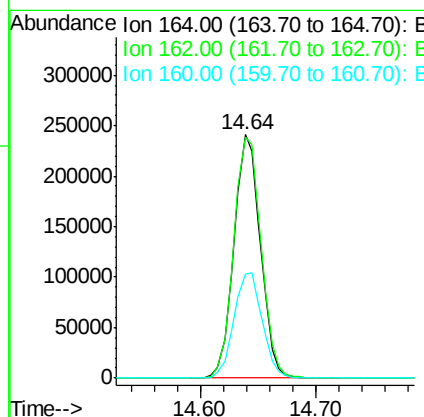
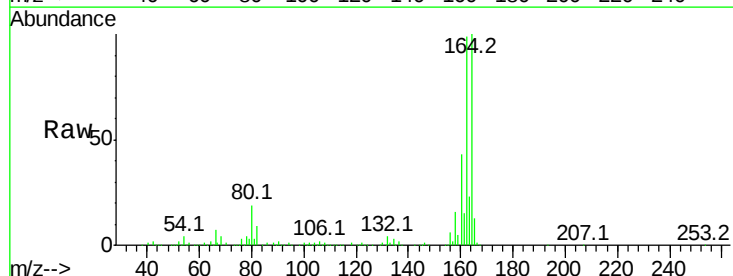
Instrument :
 BNA_G
 ClientSampleId :
 D004-D005-D006

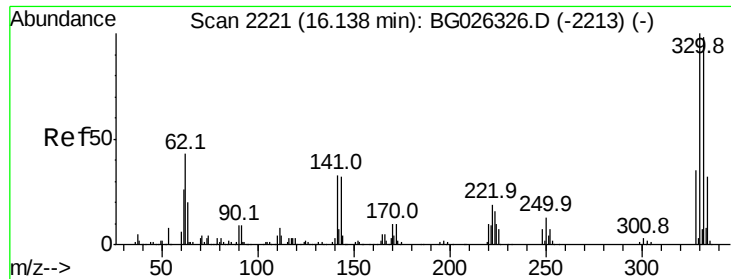
Tot Ion	82	Resp	829223
Ion Ratio	100		
128	53.5	26.4	39.6#
54	42.6	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026632.D
 Acq: 12 Apr 2017 1:04

Tgt Ion	164	Resp	381068
Ion Ratio	100		
162	99.3	85.1	127.7
160	43.0	34.7	52.1

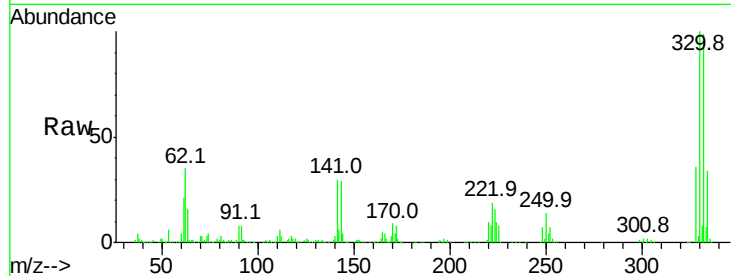




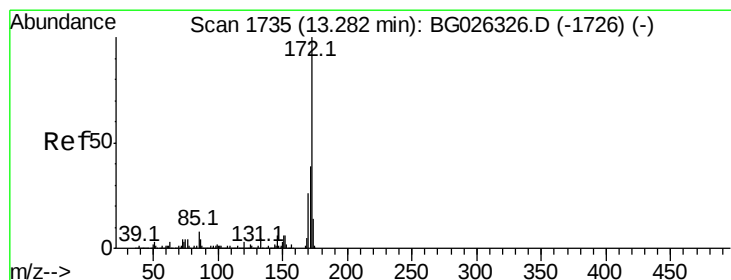
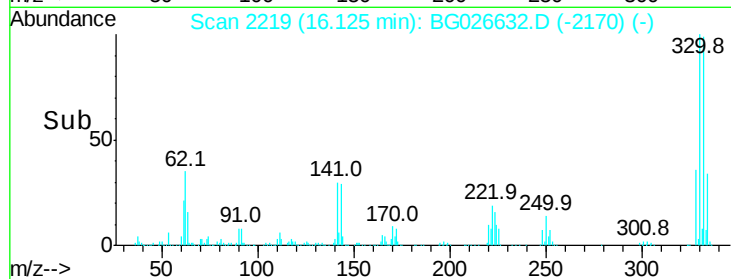
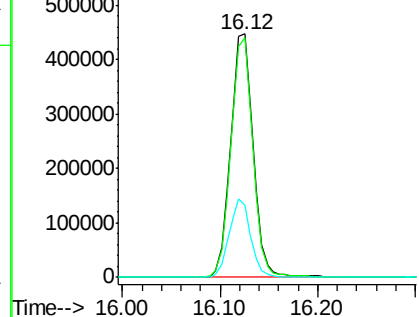
#41
 2,4,6-Tribromophenol
 Concen: 163.88 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026632.D
 Acq: 12 Apr 2017 1:04

Instrument :
 BNA_G
 ClientSampleId :
 D004-D005-D006

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	30.7	32.1	48.1#

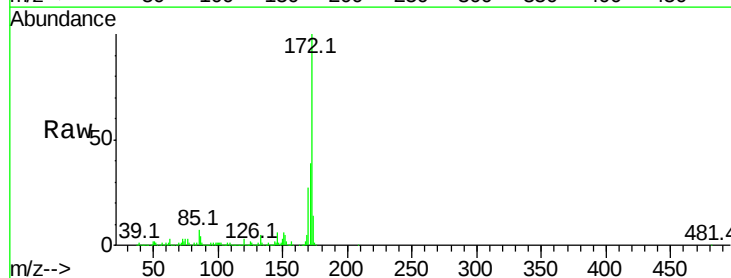


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

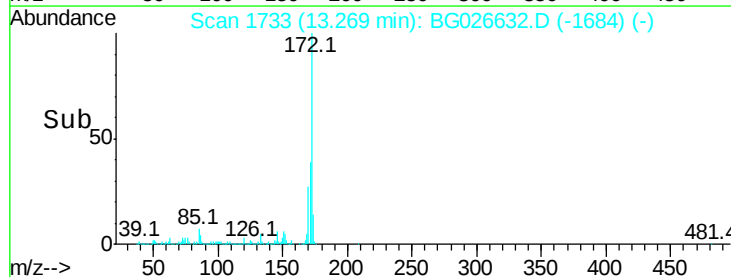
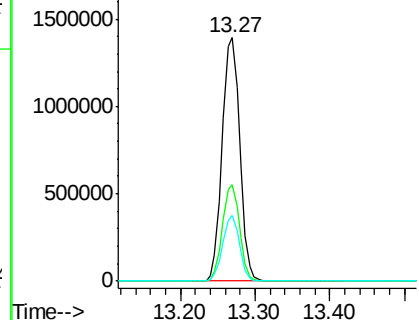


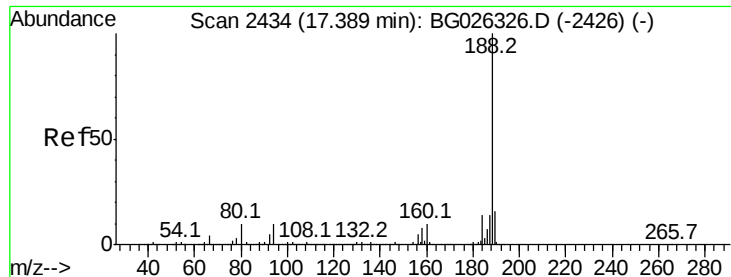
#44
 2-Fluorobiphenyl
 Concen: 84.12 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026632.D
 Acq: 12 Apr 2017 1:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.2	48.2
170	26.7	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: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026632.D

Acq: 12 Apr 2017 1:04

Instrument :

BNA_G

ClientSampleId :

D004-D005-D006

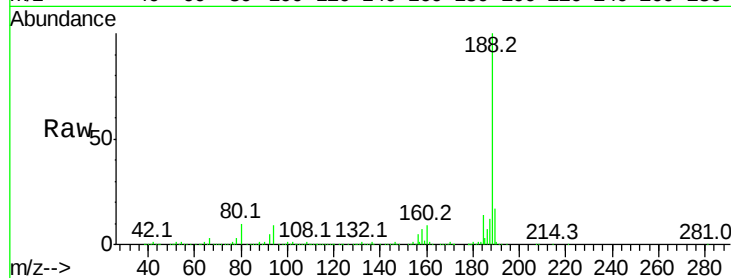
Tot Ion:188 Resp: 976589

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.8#

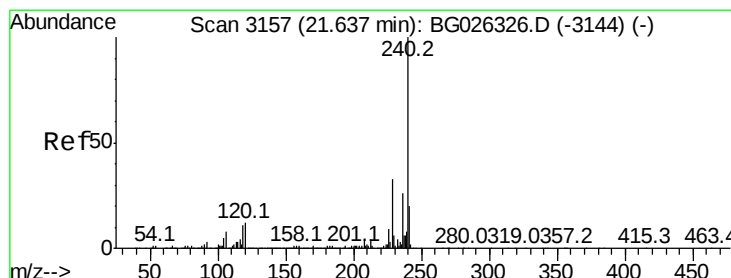
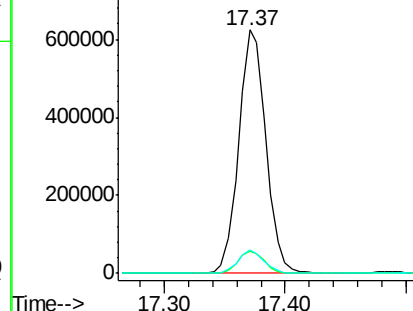
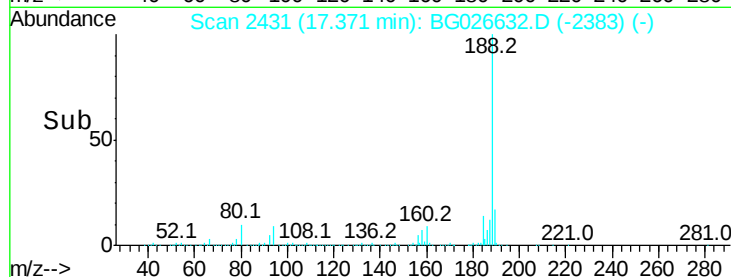
80 9.7 7.5 11.3



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# 3154

Delta R.T. -0.02 min

Lab File: BG026632.D

Acq: 12 Apr 2017 1:04

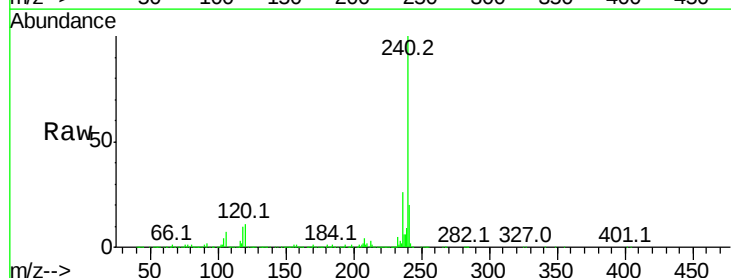
Tgt Ion:240 Resp: 1255310

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

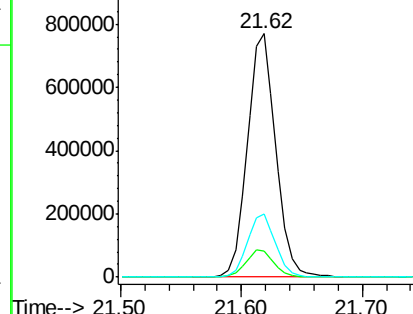
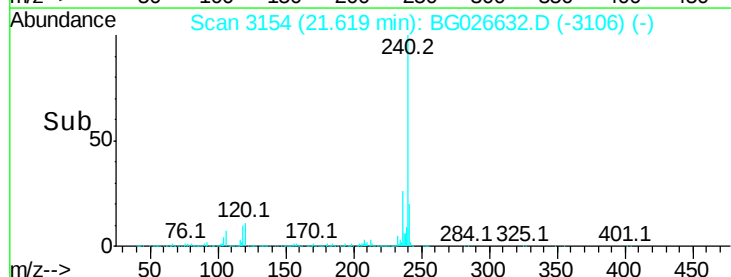
236 25.9 22.2 33.4

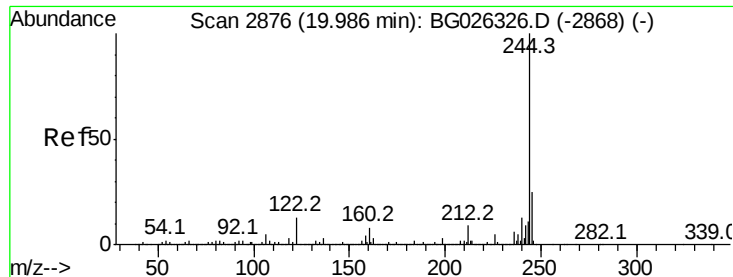


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.10 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026632.D

Acq: 12 Apr 2017 1:04

Instrument :

BNA_G

ClientSampleId :

D004-D005-D006

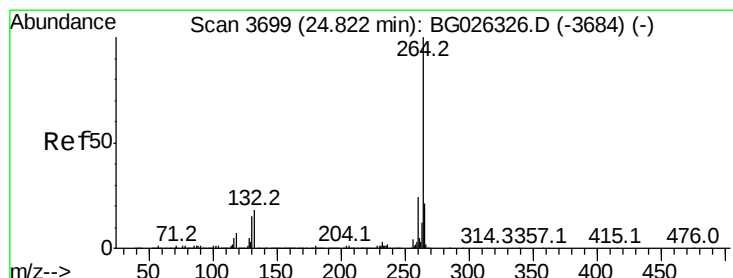
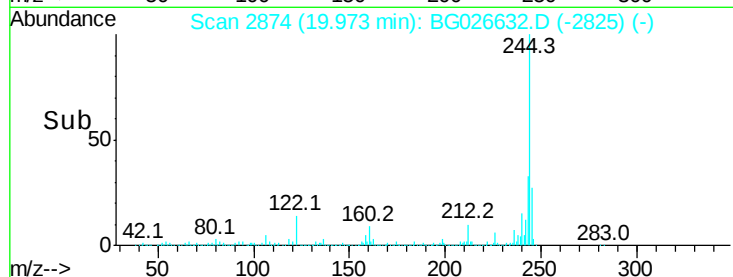
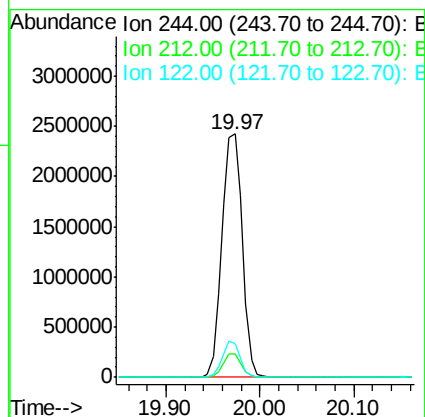
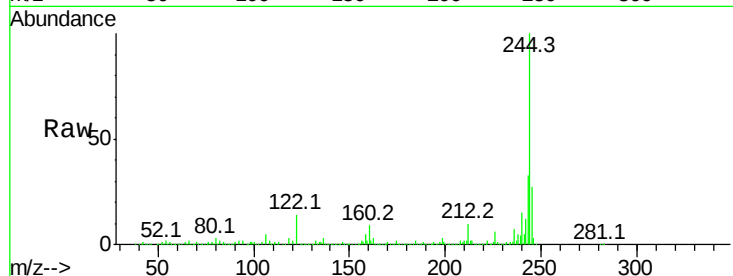
Tot Ion:244 Resp: 3675161

Ion Ratio Lower Upper

244 100

212 9.8 10.0 15.0#

122 14.1 8.6 12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.03 min

Lab File: BG026632.D

Acq: 12 Apr 2017 1:04

Tgt Ion:264 Resp: 1201927

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 21.8 18.2 27.4

