

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026584.D
 Acq On : 7 Apr 2017 2:59
 Operator : SJ/MA
 Sample : I2572-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-2891

Quant Time: Apr 07 05:35:59 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

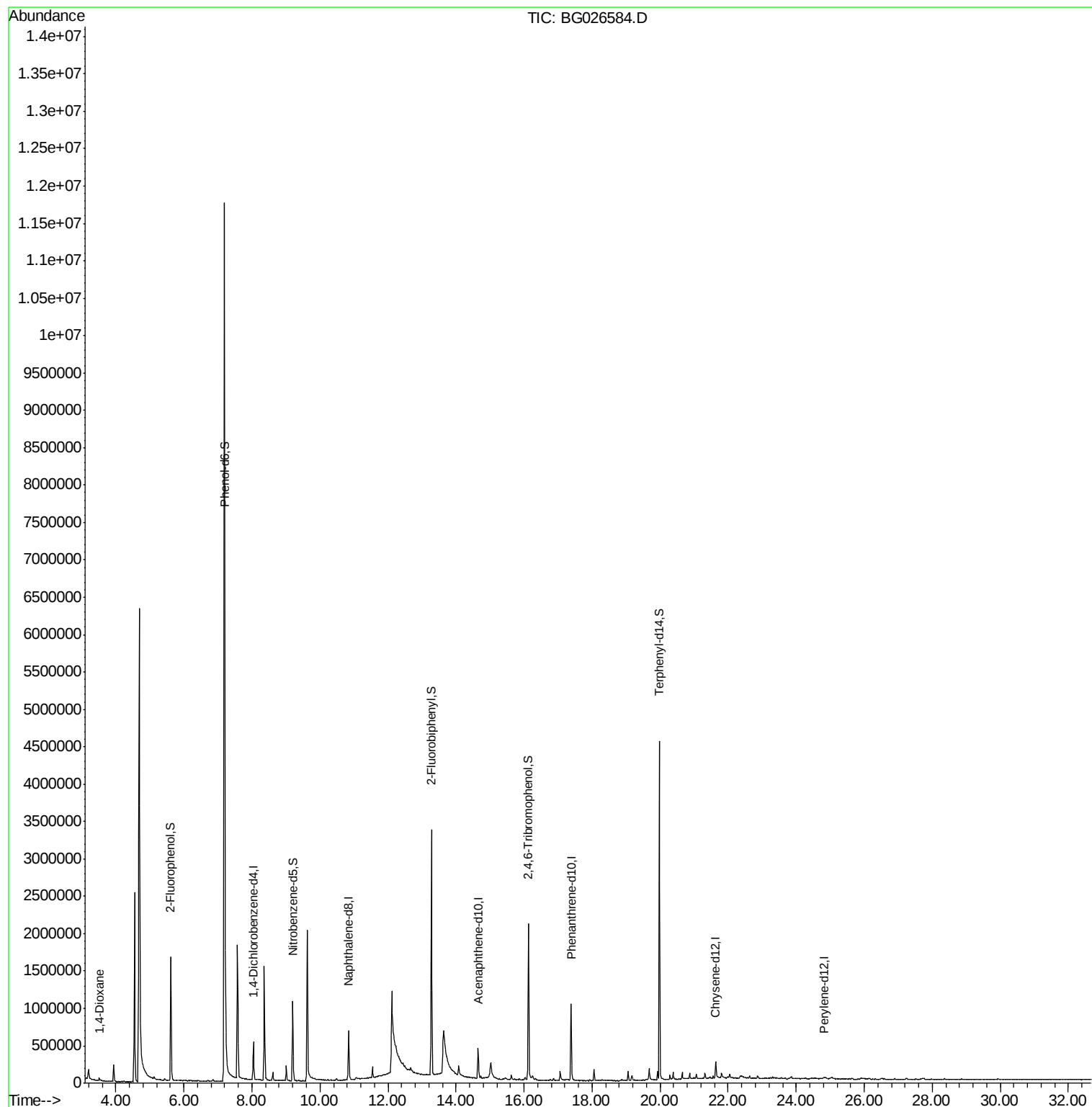
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	165947	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	639260	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	114603	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	583291	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	108660	20.00	ng	0.00
86) Perylene-d12	24.83	264	5368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	884076	94.56	ng	0.00
7) Phenol-d6	7.21	99	452833	36.08	ng	0.00
23) Nitrobenzene-d5	9.20	82	702171	66.05	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	475411	362.25	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	1871669	229.03	ng	0.00
78) Terphenyl-d14	19.97	244	1674074	374.16	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.52	88	24793	5.91	ng	Qvalue # 67

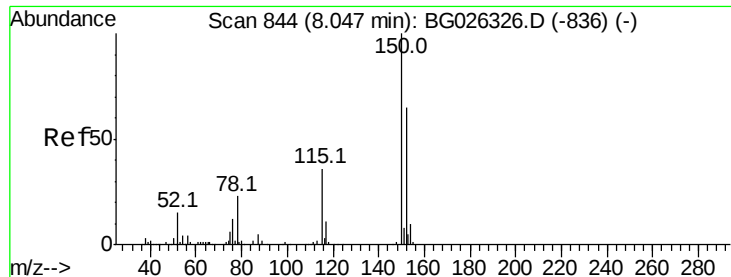
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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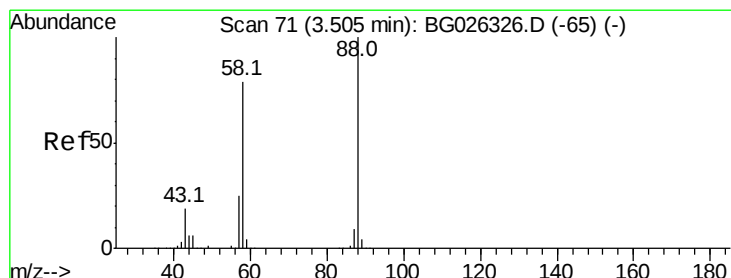
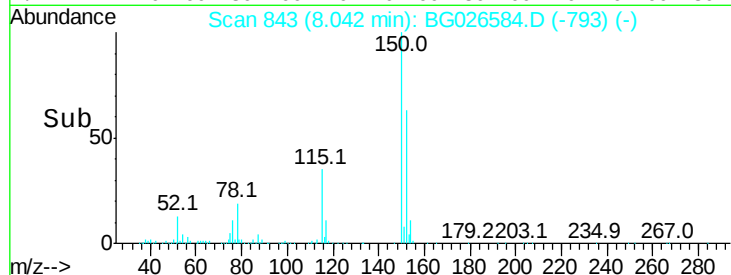
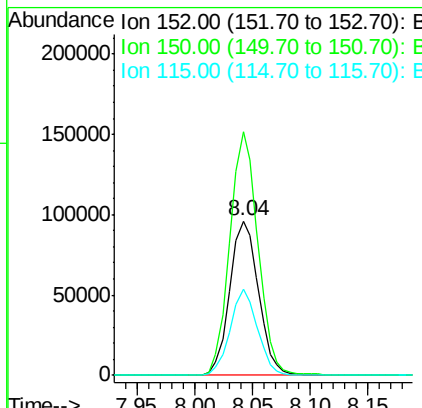
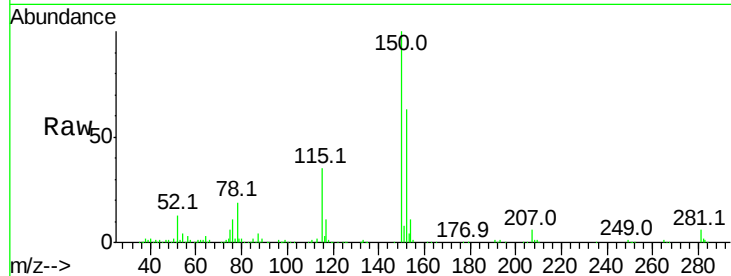


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026584.D
Acq: 7 Apr 2017 2:59

Instrument :
BNA_G
ClientSampleId :
RT-2891

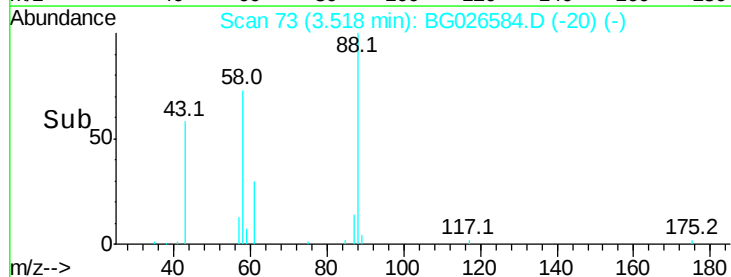
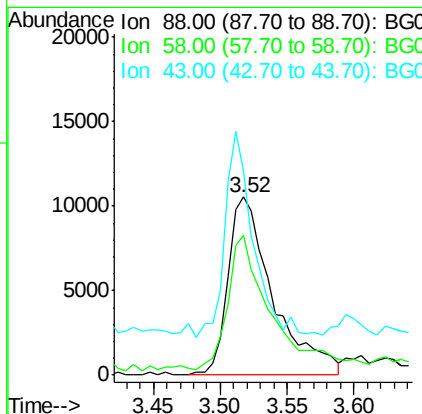
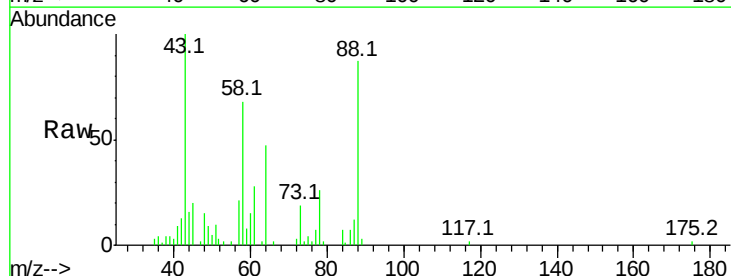
Tot Ion	152	Resp	165947
Ion	Ratio	Lower	Upper
152	100		
150	157.8	114.0	171.0
115	56.0	48.1	72.1

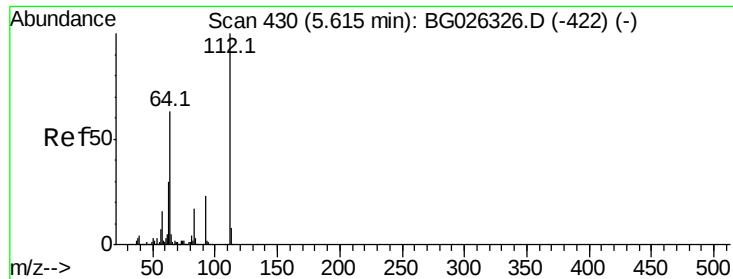


#2

1,4-Dioxane
Concen: 5.91 ng
RT: 3.52 min Scan# 73
Delta R.T. 0.01 min
Lab File: BG026584.D
Acq: 7 Apr 2017 2:59

Tgt Ion	88	Resp	24793
Ion	Ratio	Lower	Upper
88	100		
58	72.4	79.4	119.2#
43	72.9	33.8	50.6#





#5

2-Fluorophenol

Concen: 94.56 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026584.D

Acq: 7 Apr 2017 2:59

Instrument :

BNA_G

ClientSampleId :

RT-2891

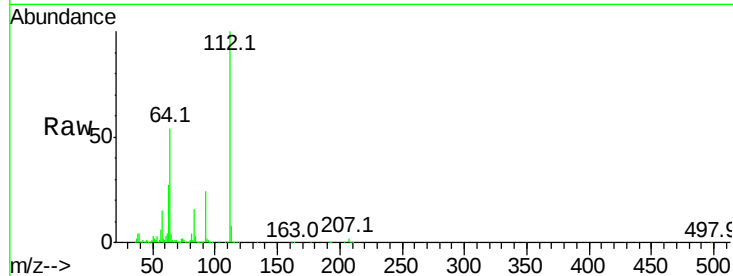
Tot Ion:112 Resp: 884076

Ion Ratio Lower Upper

112 100

64 54.4 61.8 92.6#

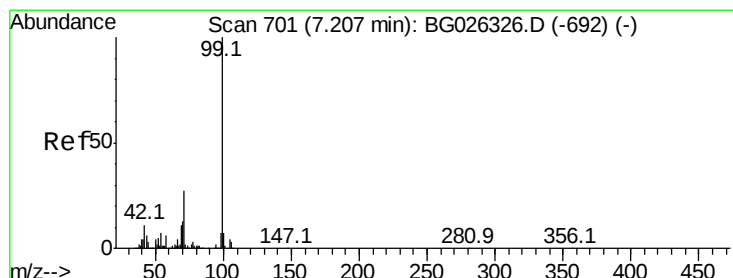
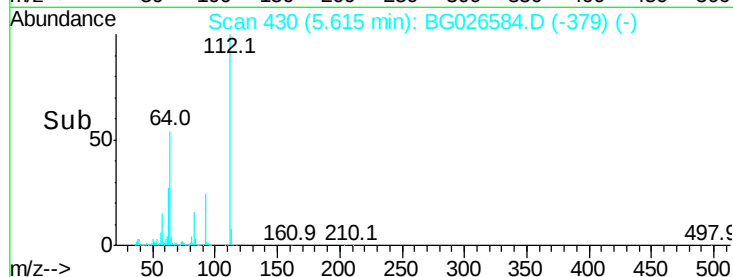
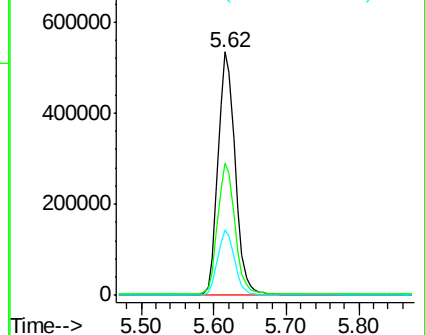
63 26.9 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 36.08 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026584.D

Acq: 7 Apr 2017 2:59

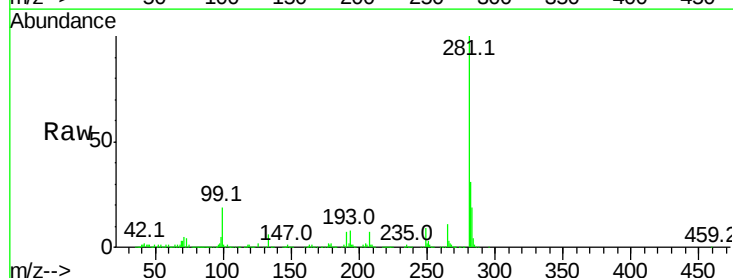
Tgt Ion: 99 Resp: 452833

Ion Ratio Lower Upper

99 100

42 10.8 20.5 30.7#

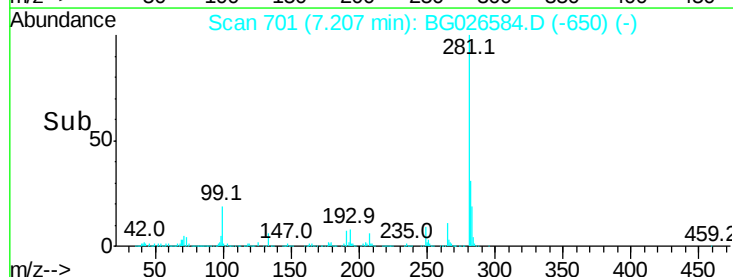
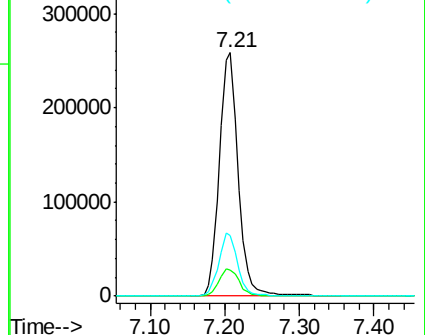
71 25.0 37.6 56.4#

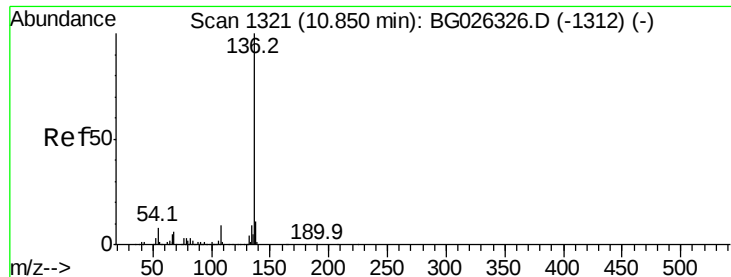


Abundance Ion 99.00 (98.70 to 99.70): BGC

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# 1320

Delta R.T. -0.01 min

Lab File: BG026584.D

Acq: 7 Apr 2017 2:59

Instrument :

BNA_G

ClientSampleId :

RT-2891

Tot Ion:136 Resp: 639260

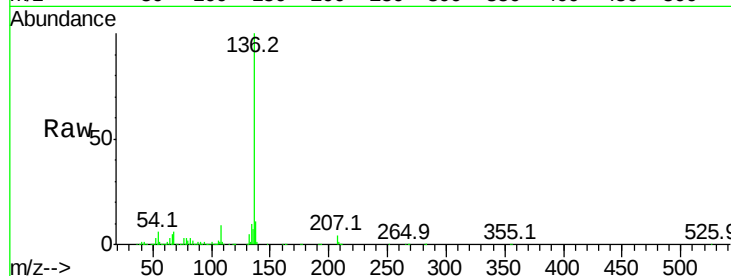
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.0 9.3 13.9#

68 5.6 5.1 7.7

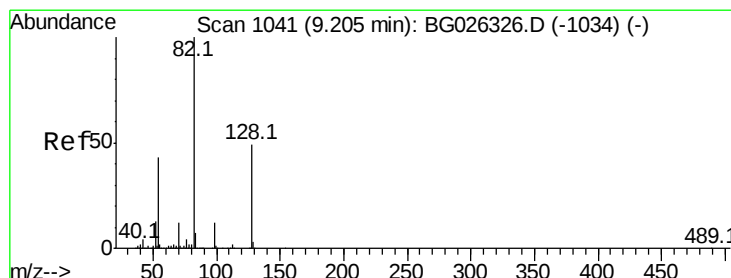
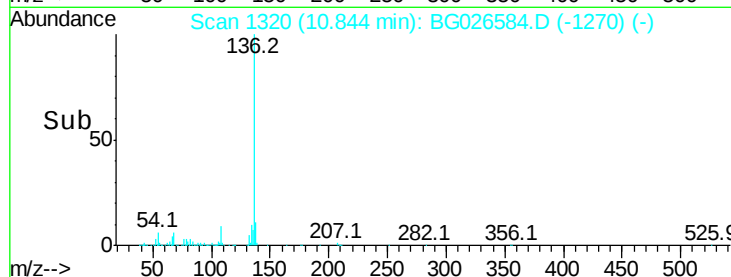
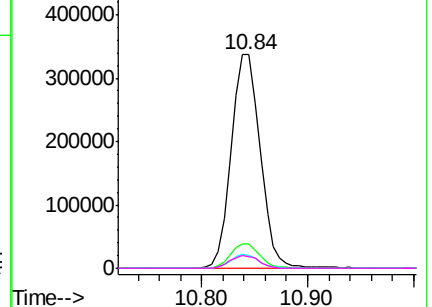


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.05 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG026584.D

Acq: 7 Apr 2017 2:59

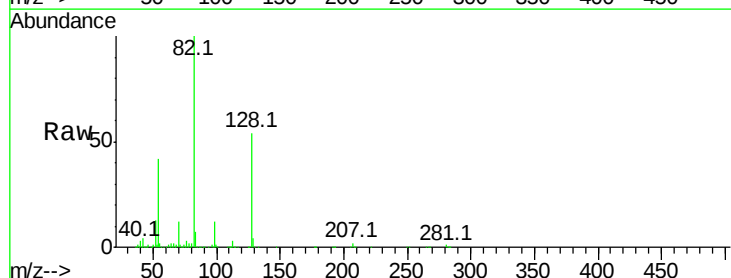
Tgt Ion: 82 Resp: 702171

Ion Ratio Lower Upper

82 100

128 53.6 26.4 39.6#

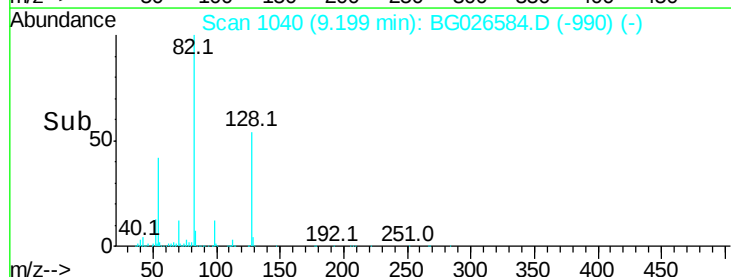
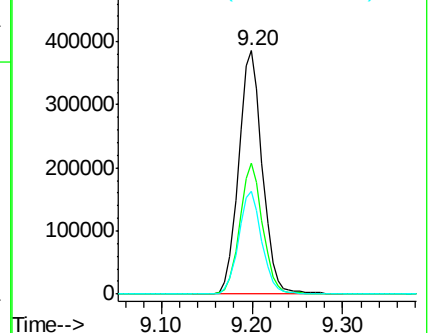
54 42.1 49.4 74.2#

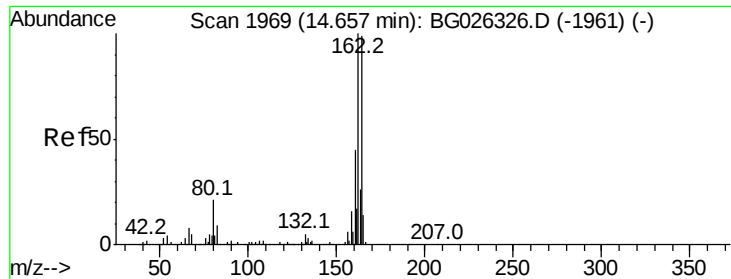


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

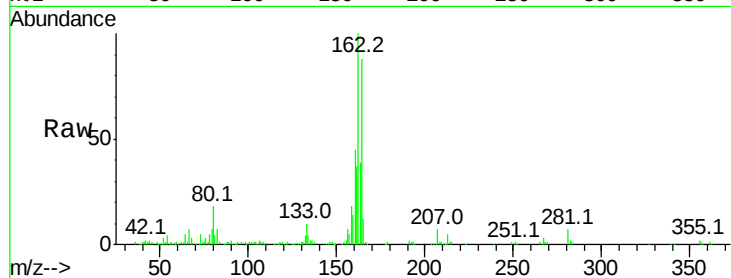




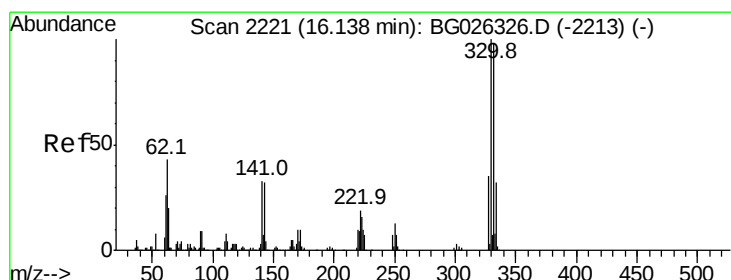
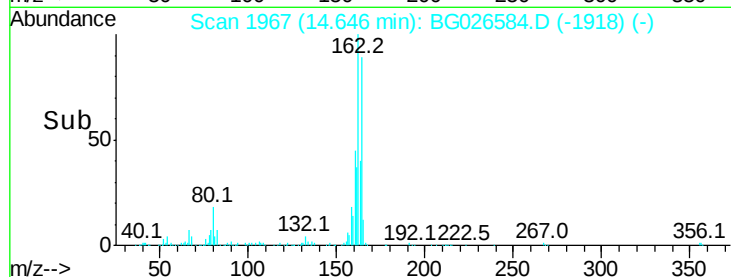
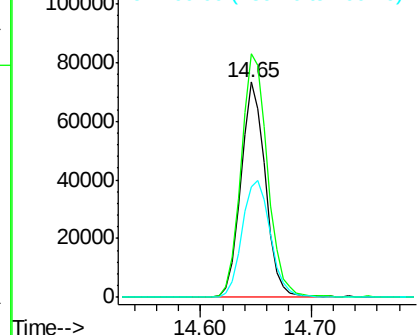
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026584.D
Acq: 7 Apr 2017 2:59

Instrument :
BNA_G
ClientSampleId :
RT-2891

Tot Ion:164 Resp: 114603
Ion Ratio Lower Upper
164 100
162 113.1 85.1 127.7
160 51.2 34.7 52.1

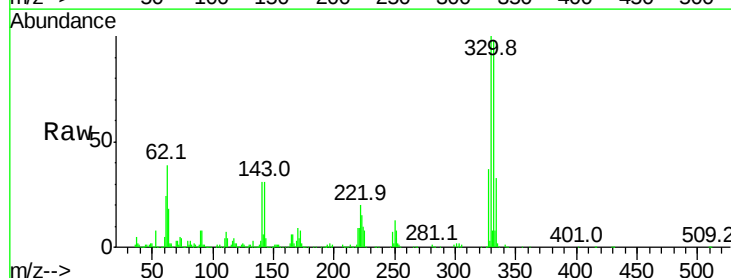


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

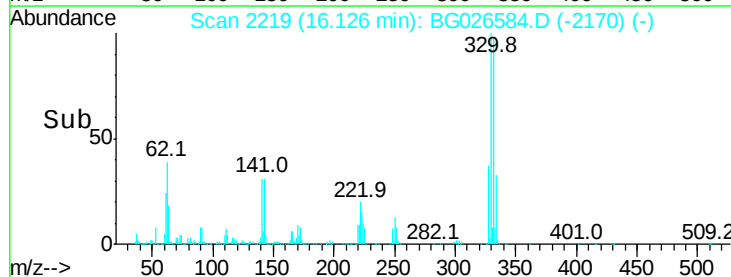
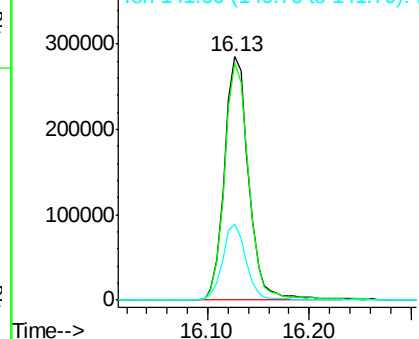


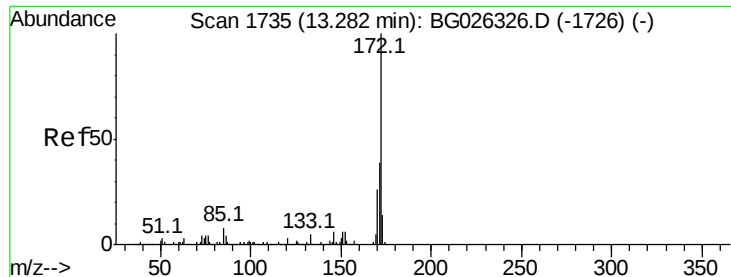
#41
2,4,6-Tribromophenol
Concen: 362.25 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG026584.D
Acq: 7 Apr 2017 2:59

Tgt Ion:330 Resp: 475411
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 30.4 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

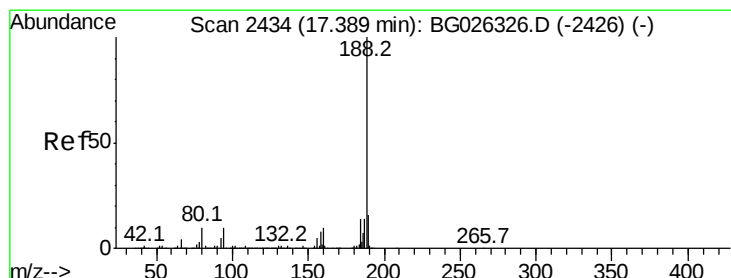
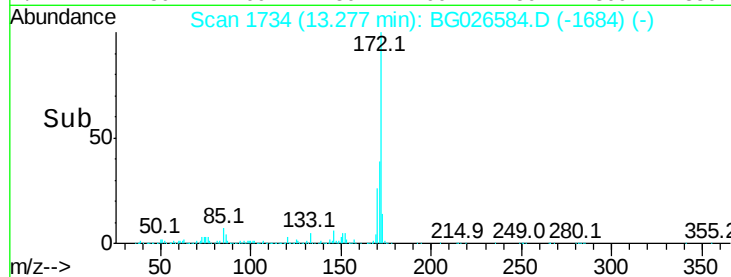
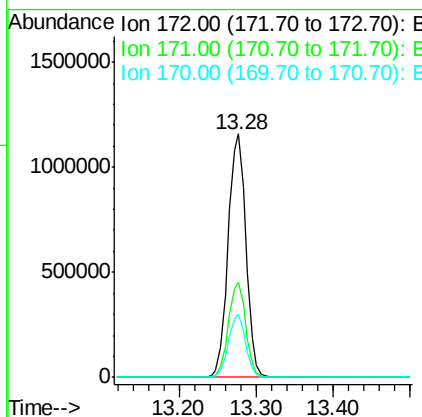
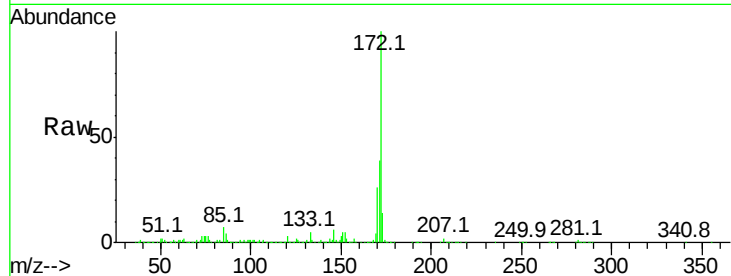




#44
2-Fluorobiphenyl
Concen: 229.03 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG026584.D
Acq: 7 Apr 2017 2:59

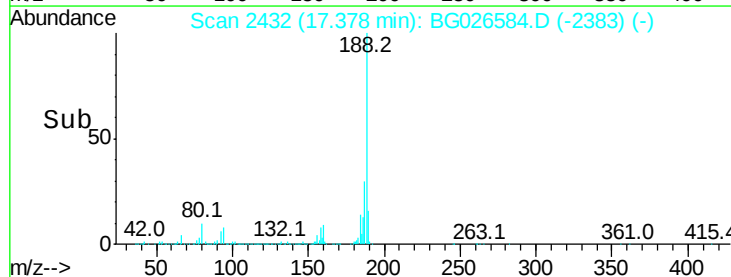
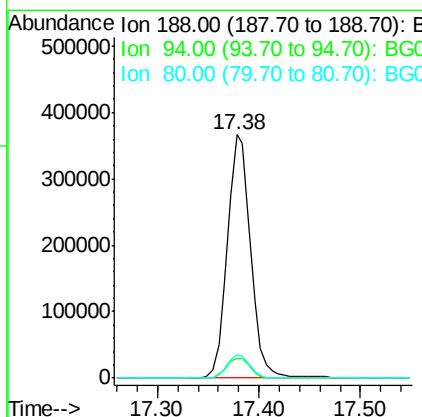
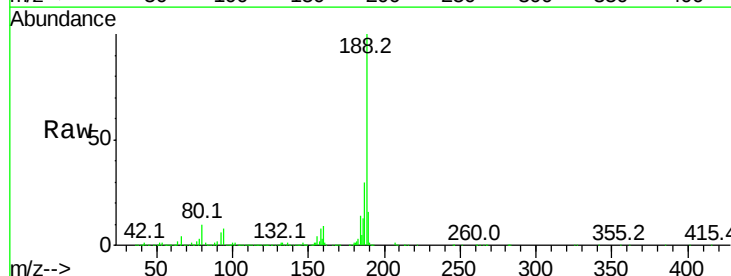
Instrument :
BNA_G
ClientSampleId :
RT-2891

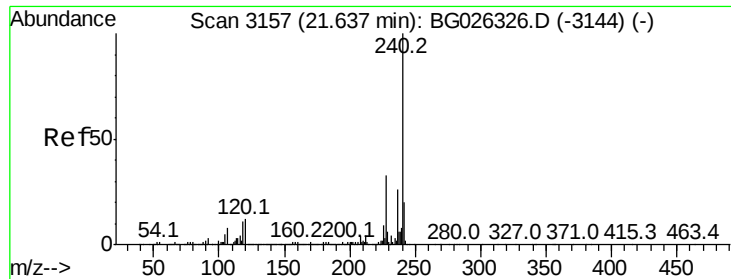
Tot Ion:172 Resp: 1871669
Ion Ratio Lower Upper
172 100
171 39.2 32.2 48.2
170 25.9 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026584.D
Acq: 7 Apr 2017 2:59

Tgt Ion:188 Resp: 583291
Ion Ratio Lower Upper
188 100
94 8.3 5.8 8.8
80 9.7 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG026584.D

Acq: 7 Apr 2017 2:59

Instrument :

BNA_G

ClientSampleId :

RT-2891

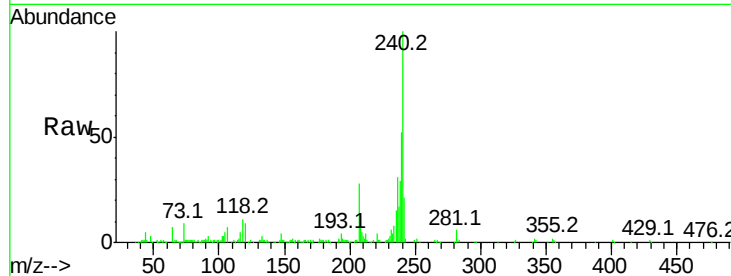
Tot Ion:240 Resp: 108660

Ion Ratio Lower Upper

240 100

120 9.2 5.7 8.5#

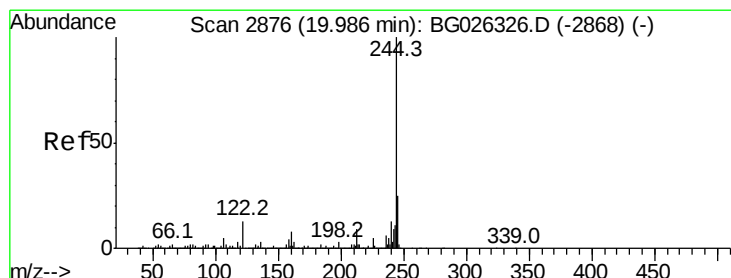
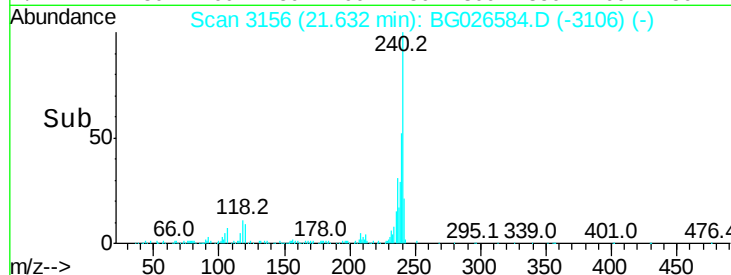
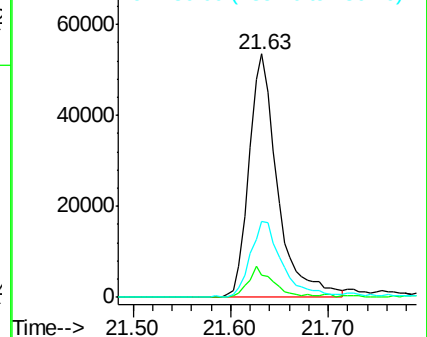
236 31.0 22.2 33.4



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: 374.16 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026584.D

Acq: 7 Apr 2017 2:59

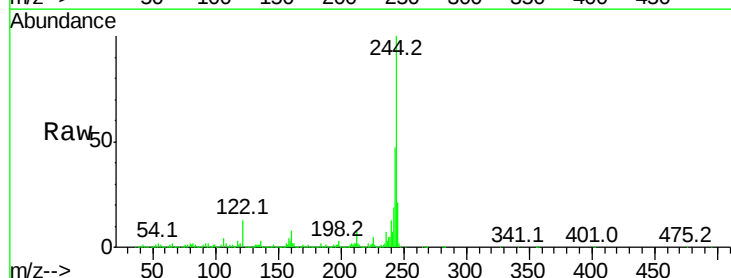
Tgt Ion:244 Resp: 1674074

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

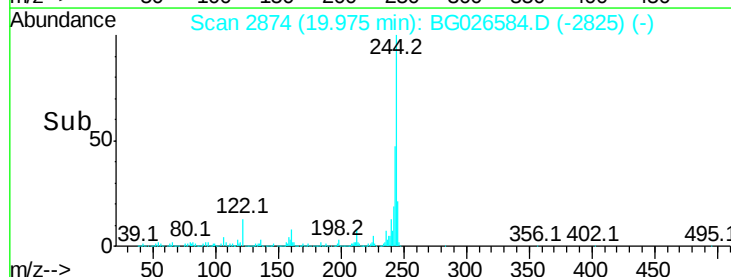
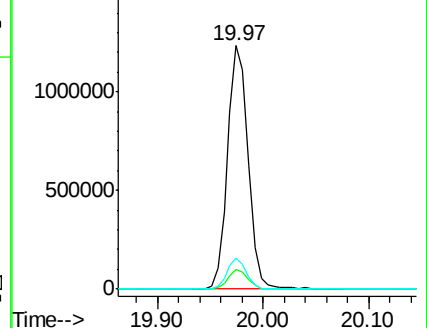
122 12.7 8.6 12.8

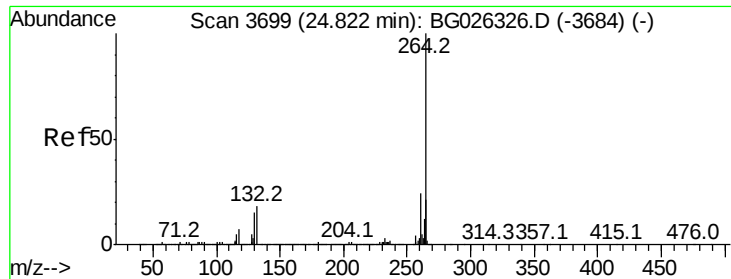


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.83 min Scan# 3700
 Delta R.T. 0.01 min
 Lab File: BG026584.D
 Acq: 7 Apr 2017 2:59

Instrument :
 BNA_G
 ClientSampleId :
 RT-2891

Tot Ion: 264 Resp: 5368
 Ion Ratio Lower Upper
 264 100
 260 71.5 21.8 32.8#
 265 34.7 18.2 27.4#

