

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
 Data File : BG026684.D
 Acq On : 20 Apr 2017 20:49
 Operator : SJ/MA
 Sample : I2778-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTHWALL-041917

Quant Time: Apr 21 04:59:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

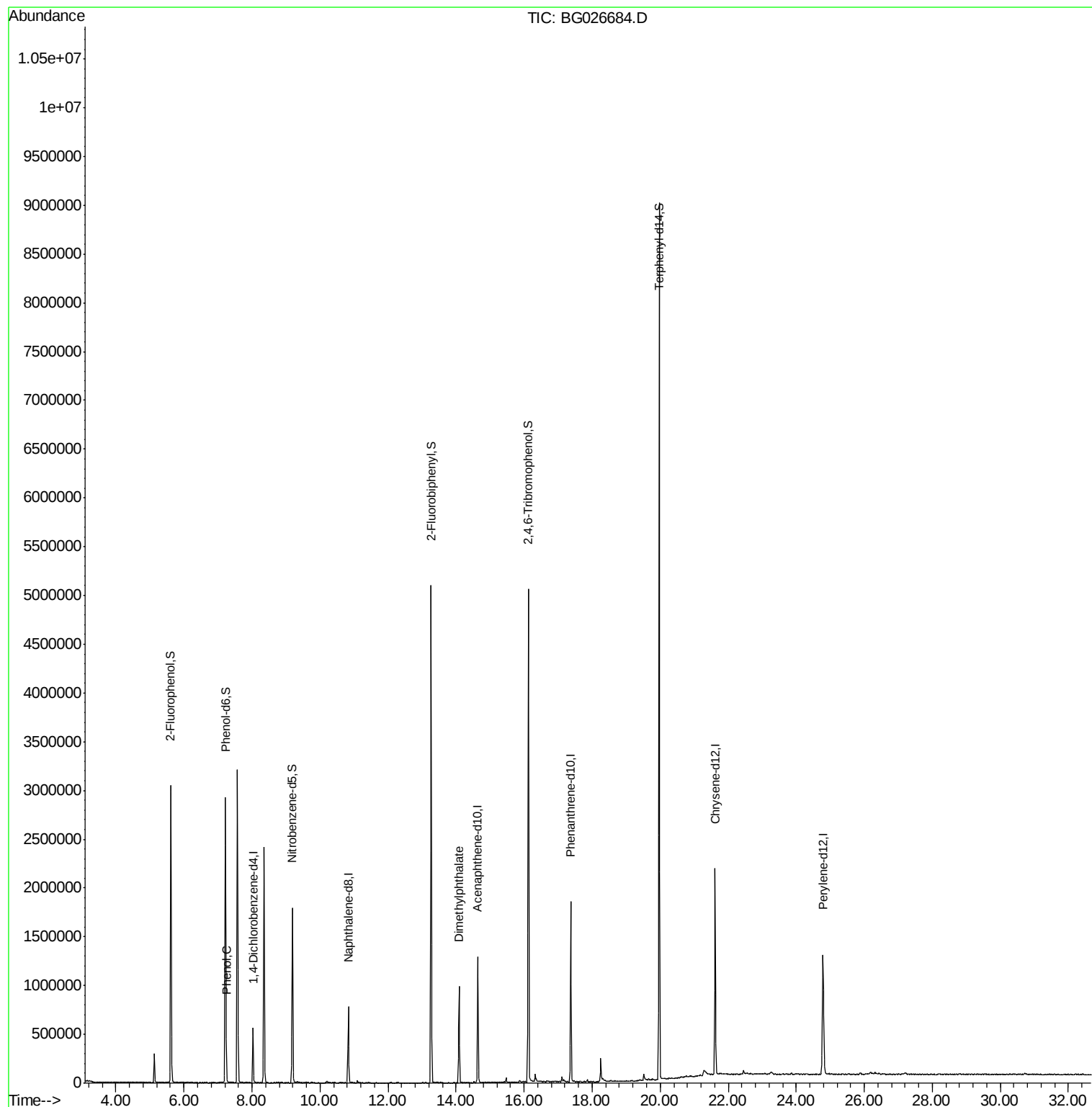
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	181851	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	759622	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	467220	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1236697	20.00	ng	-0.02
75) Chrysene-d12	21.61	240	1354111	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1337159	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1603111	160.26	ng	0.00
7) Phenol-d6	7.22	99	2152400	164.20	ng	0.01
23) Nitrobenzene-d5	9.19	82	1145321	105.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	1065728	163.70	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	2800863	89.28	ng	-0.02
78) Terphenyl-d14	19.97	244	3812713	83.13	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	40705	2.85	ng	76
49) Dimethylphthalate	14.09	163	748496	20.24	ng	97

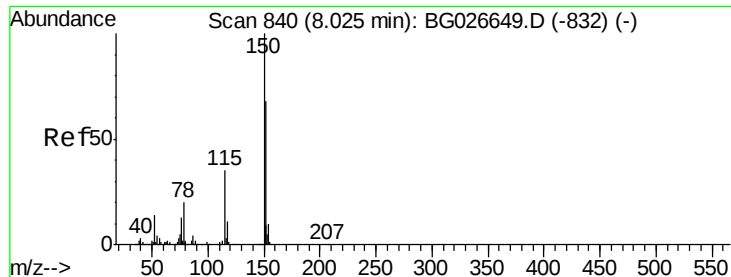
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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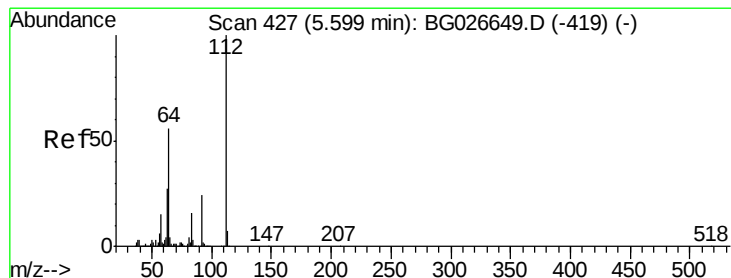
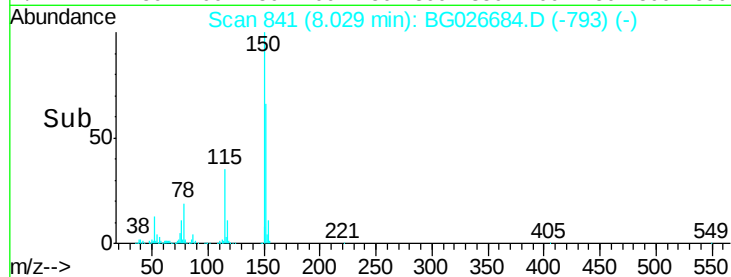
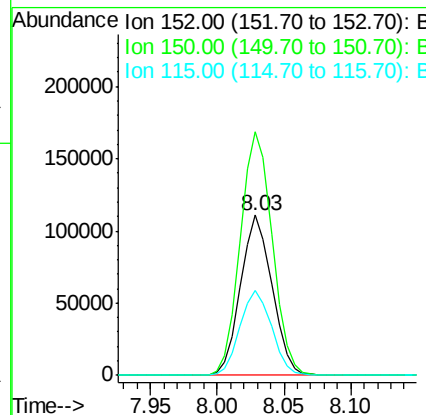
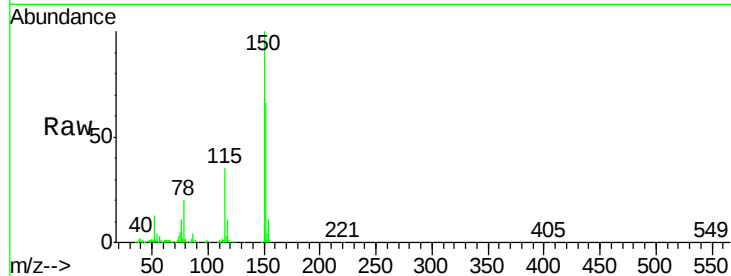


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026684.D
Acq: 20 Apr 2017 20:49

Instrument :
BNA_G
ClientSampleId :
SOUTHWALL-041917

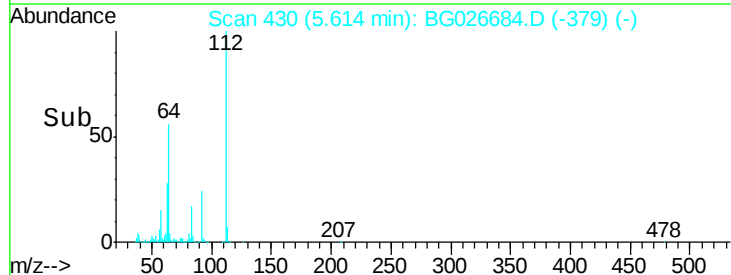
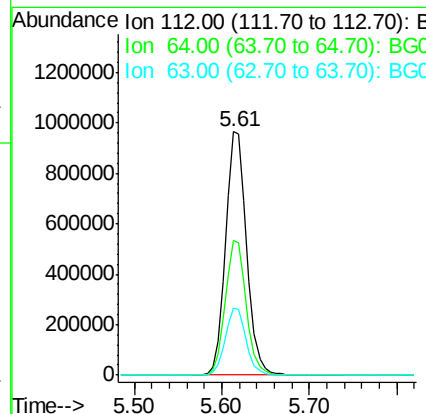
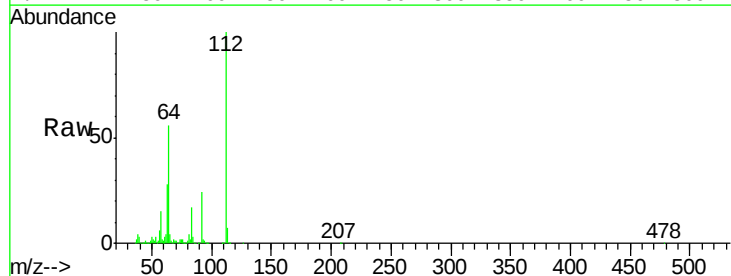
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	114.0	171.0
115	52.8	48.1	72.1

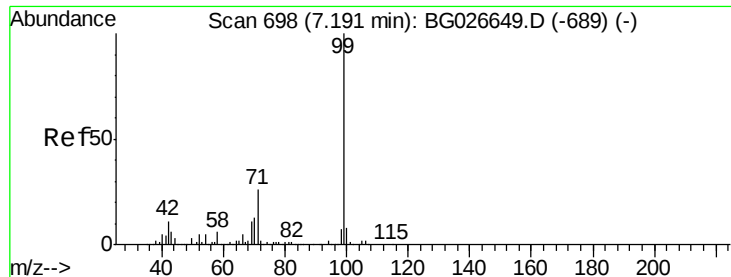


#5

2-Fluorophenol
Concen: 160.26 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG026684.D
Acq: 20 Apr 2017 20:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	61.8	92.6#
63	27.8	37.2	55.8#





#7

Phenol-d6

Concen: 164.20 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026684.D

Acq: 20 Apr 2017 20:49

Instrument :

BNA_G

ClientSampleId :

SOUTHWALL-041917

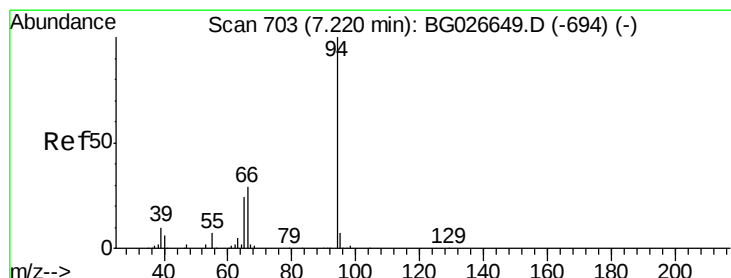
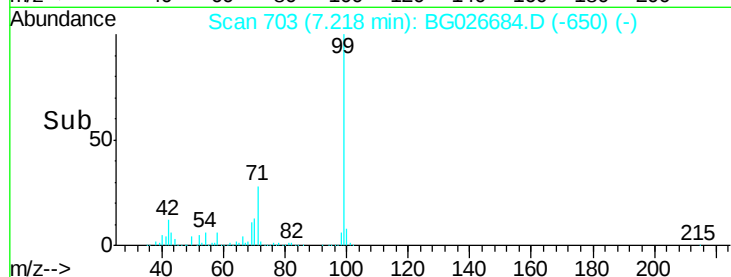
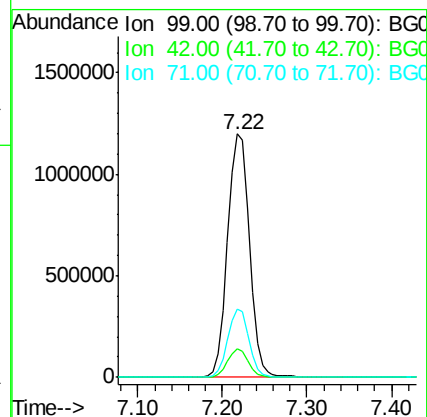
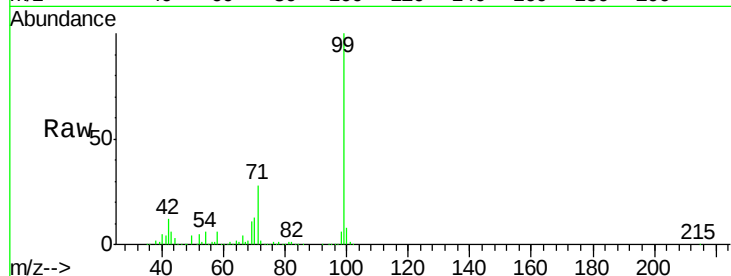
Tot Ion: 99 Resp: 2152400

Ion Ratio Lower Upper

99 100

42 11.7 20.5 30.7#

71 28.2 37.6 56.4#



#10

Phenol

Concen: 2.85 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG026684.D

Acq: 20 Apr 2017 20:49

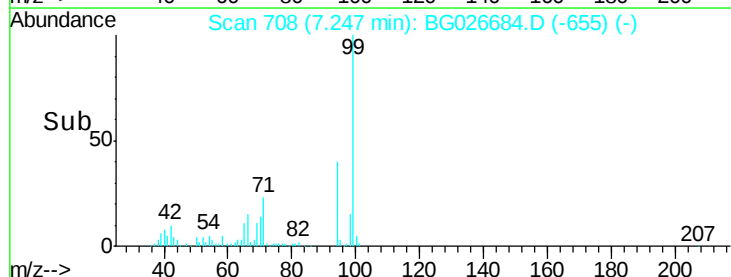
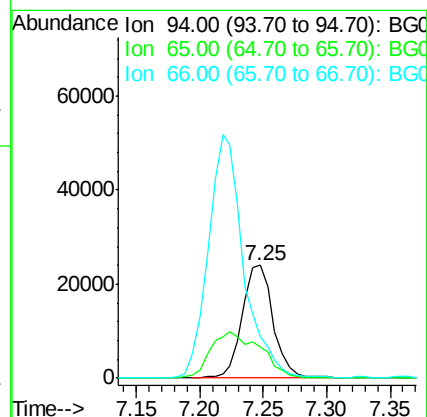
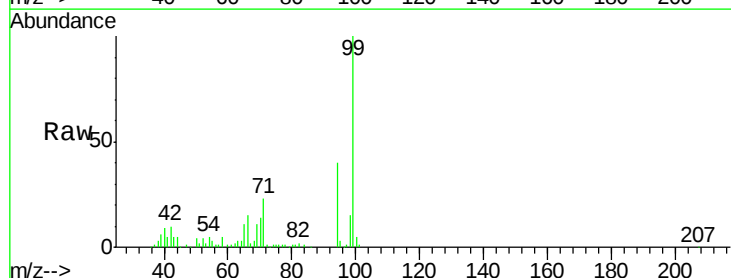
Tgt Ion: 94 Resp: 40705

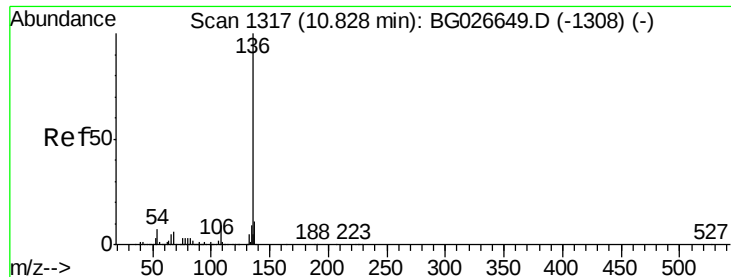
Ion Ratio Lower Upper

94 100

65 27.3 20.6 60.6

66 36.8 35.5 75.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG026684.D

Acq: 20 Apr 2017 20:49

Instrument :

BNA_G

ClientSampleId :

SOUTHWALL-041917

Tot Ion:136 Resp: 759622

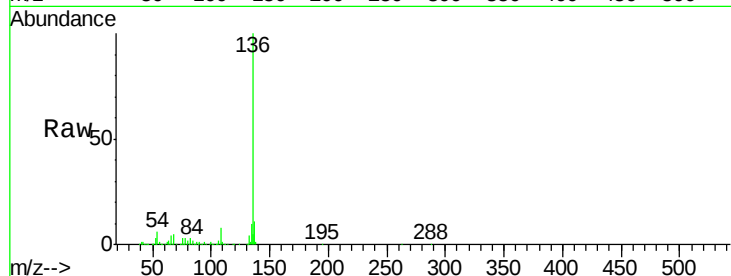
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 6.2 9.3 13.9#

68 5.2 5.1 7.7

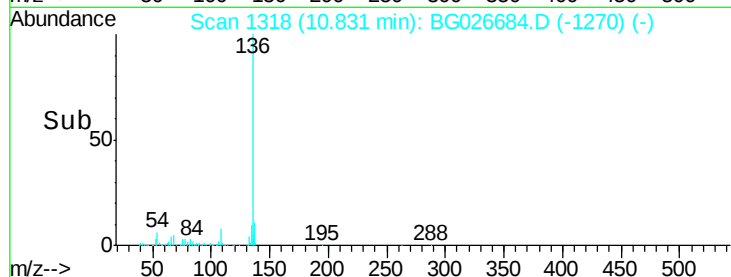


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

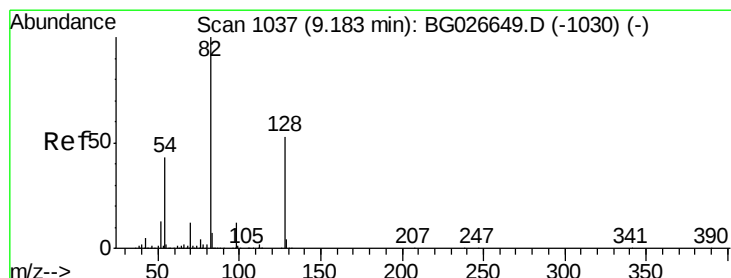
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



Time-->

10.83



#23

Nitrobenzene-d5

Concen: 105.21 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BG026684.D

Acq: 20 Apr 2017 20:49

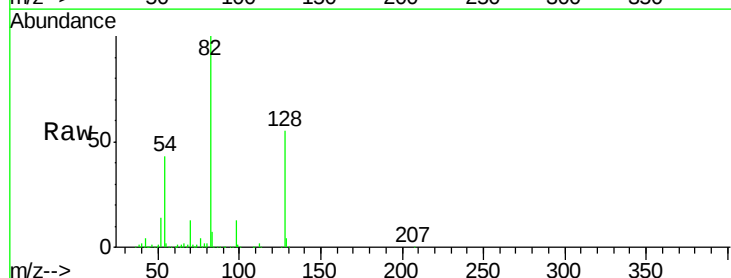
Tgt Ion: 82 Resp: 1145321

Ion Ratio Lower Upper

82 100

128 54.8 26.4 39.6#

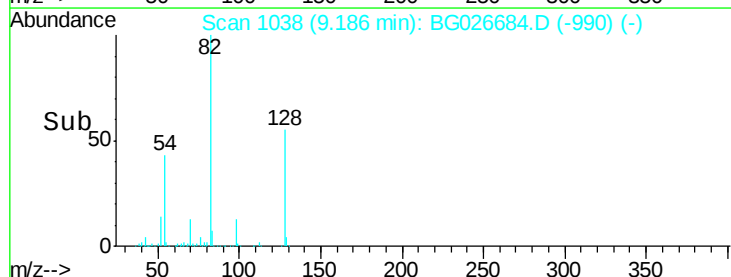
54 43.4 49.4 74.2#



Abundance Ion 82.00 (81.70 to 82.70): BG

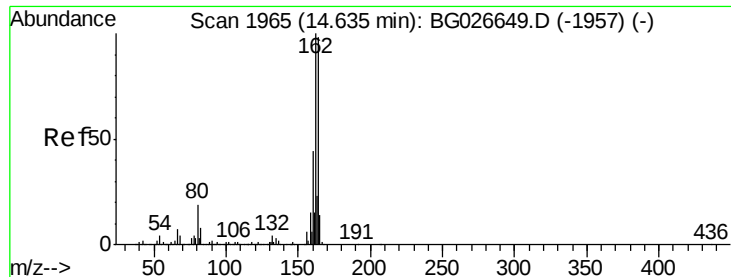
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG



Time-->

9.19



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BG026684.D

Acq: 20 Apr 2017 20:49

Instrument :

BNA_G

ClientSampleId :

SOUTHWALL-041917

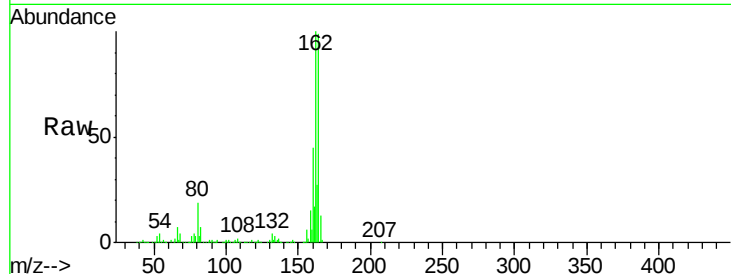
Tot Ion:164 Resp: 467220

Ion Ratio Lower Upper

164 100

162 101.0 85.1 127.7

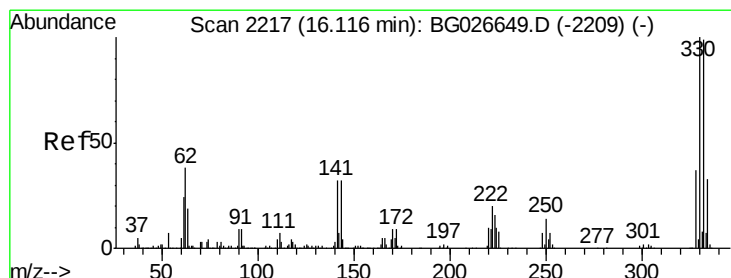
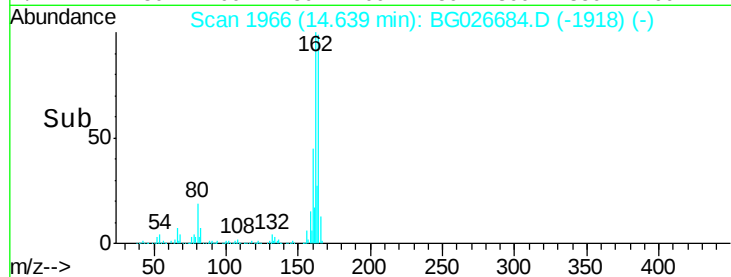
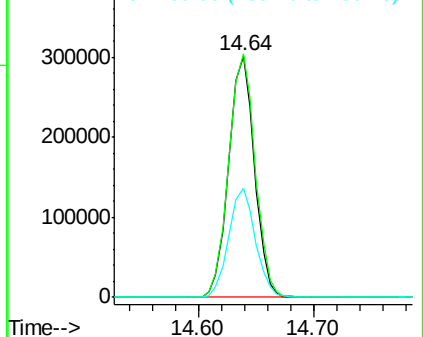
160 45.2 34.7 52.1



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: 163.70 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG026684.D

Acq: 20 Apr 2017 20:49

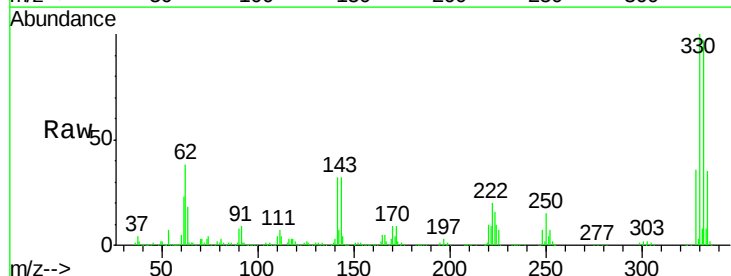
Tgt Ion:330 Resp: 1065728

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

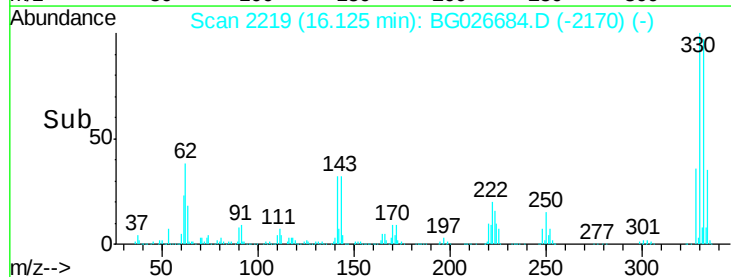
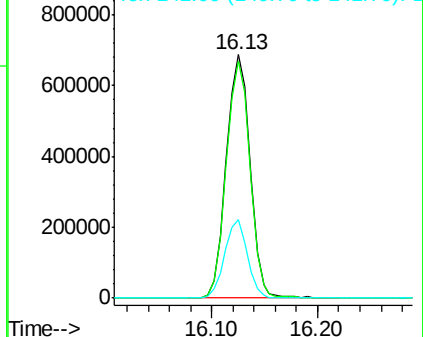
141 31.0 32.1 48.1#

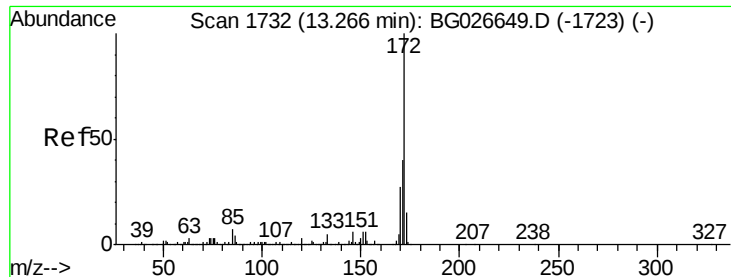


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

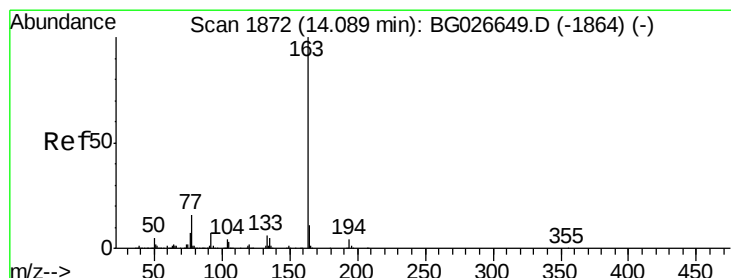
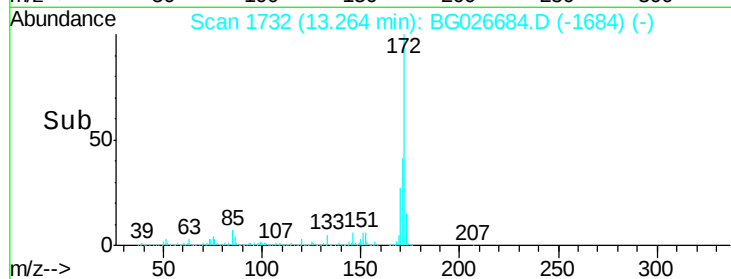
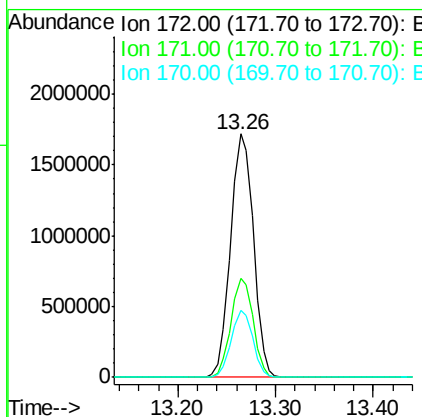
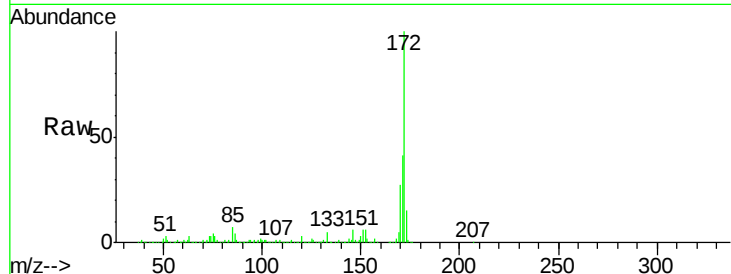




#44
2-Fluorobiphenyl
Concen: 89.28 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG026684.D
Acq: 20 Apr 2017 20:49

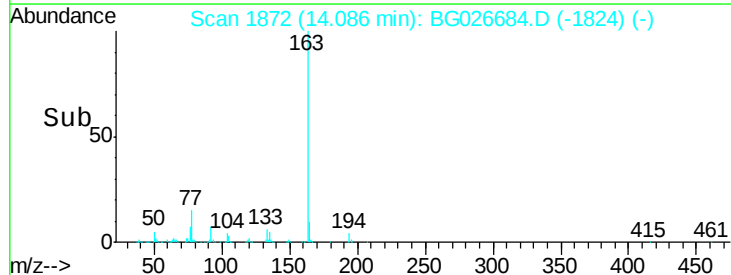
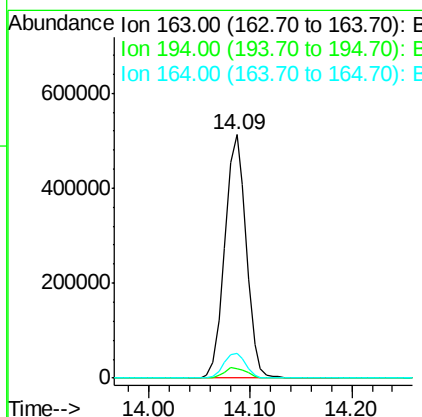
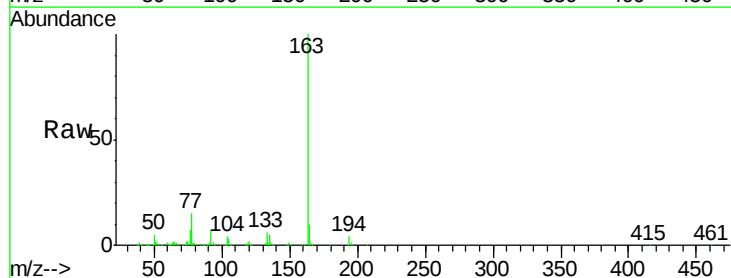
Instrument :
BNA_G
ClientSampleId :
SOUTHWALL-041917

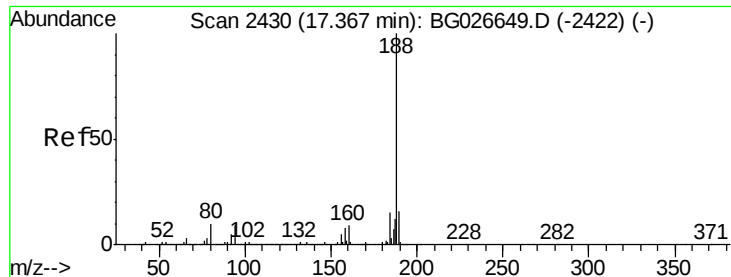
Tot Ion:172 Resp: 2800863
Ion Ratio Lower Upper
172 100
171 40.6 32.2 48.2
170 27.3 21.8 32.6



#49
Dimethylphthalate
Concen: 20.24 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.02 min
Lab File: BG026684.D
Acq: 20 Apr 2017 20:49

Tgt Ion:163 Resp: 748496
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.6
164 10.2 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026684.D

Acq: 20 Apr 2017 20:49

Instrument :

BNA_G

ClientSampleId :

SOUTHWALL-041917

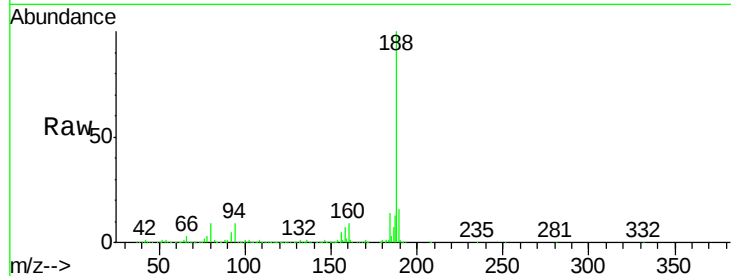
Tot Ion:188 Resp: 123697

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.8#

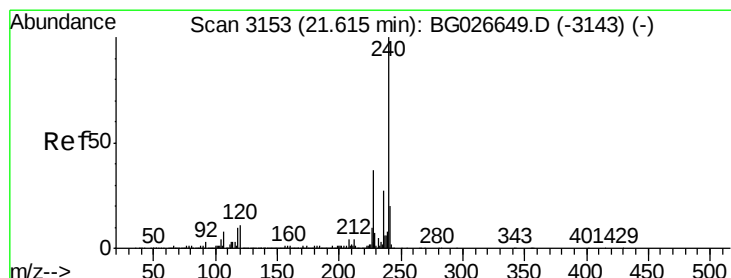
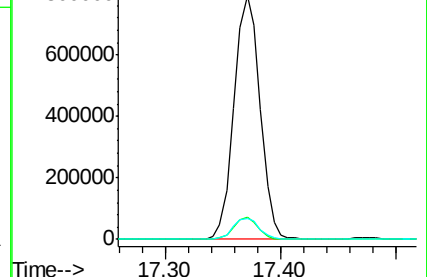
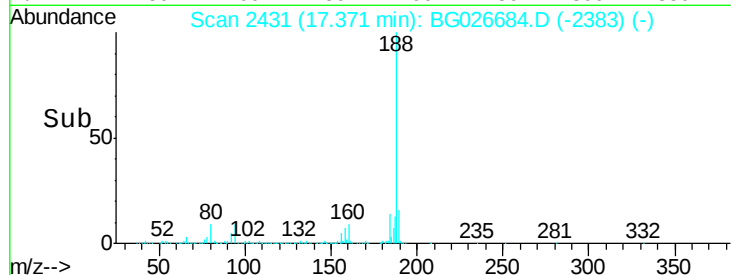
80 8.7 7.5 11.3



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: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG026684.D

Acq: 20 Apr 2017 20:49

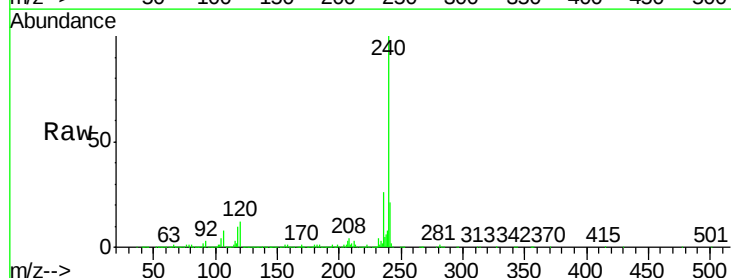
Tgt Ion:240 Resp: 1354111

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

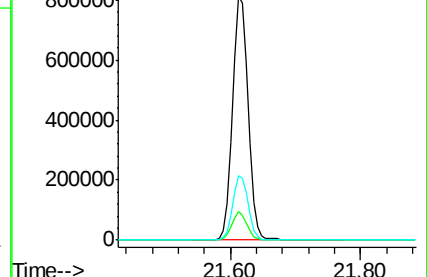
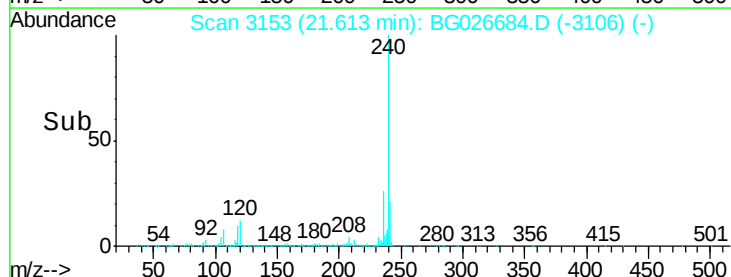
236 26.2 22.2 33.4

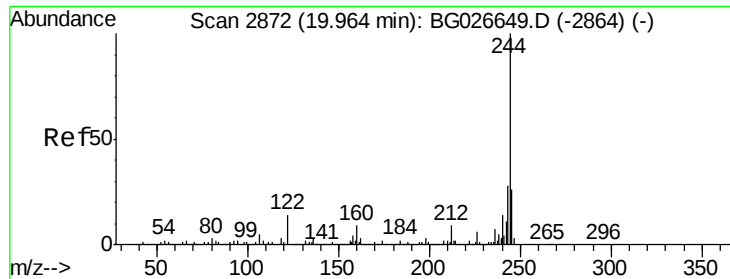


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.13 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026684.D

Acq: 20 Apr 2017 20:49

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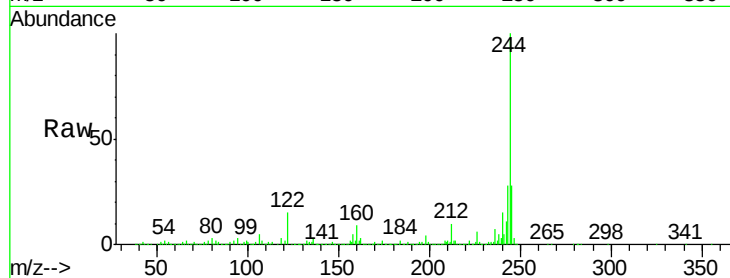
Tot Ion:244 Resp: 3812713

Ion Ratio Lower Upper

244 100

212 9.8 10.0 15.0#

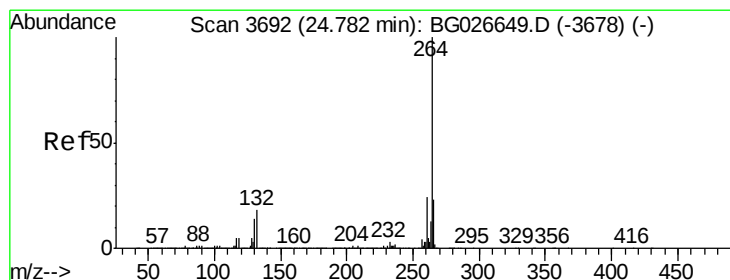
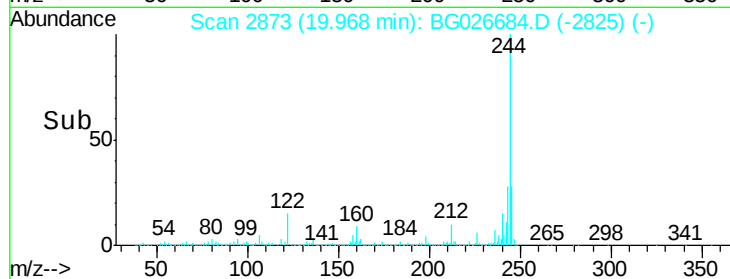
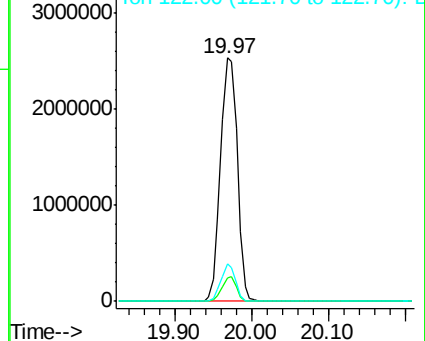
122 15.4 8.6 12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.04 min

Lab File: BG026684.D

Acq: 20 Apr 2017 20:49

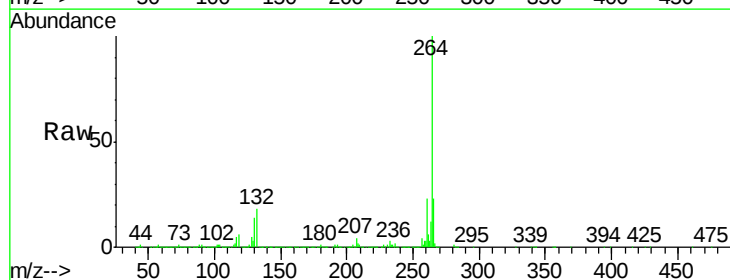
Tgt Ion:264 Resp: 1337159

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

265 22.8 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

