

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
 Data File : BG026685.D
 Acq On : 20 Apr 2017 21:29
 Operator : SJ/MA
 Sample : I2778-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WESTWALL-041917

Quant Time: Apr 21 05:10:05 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

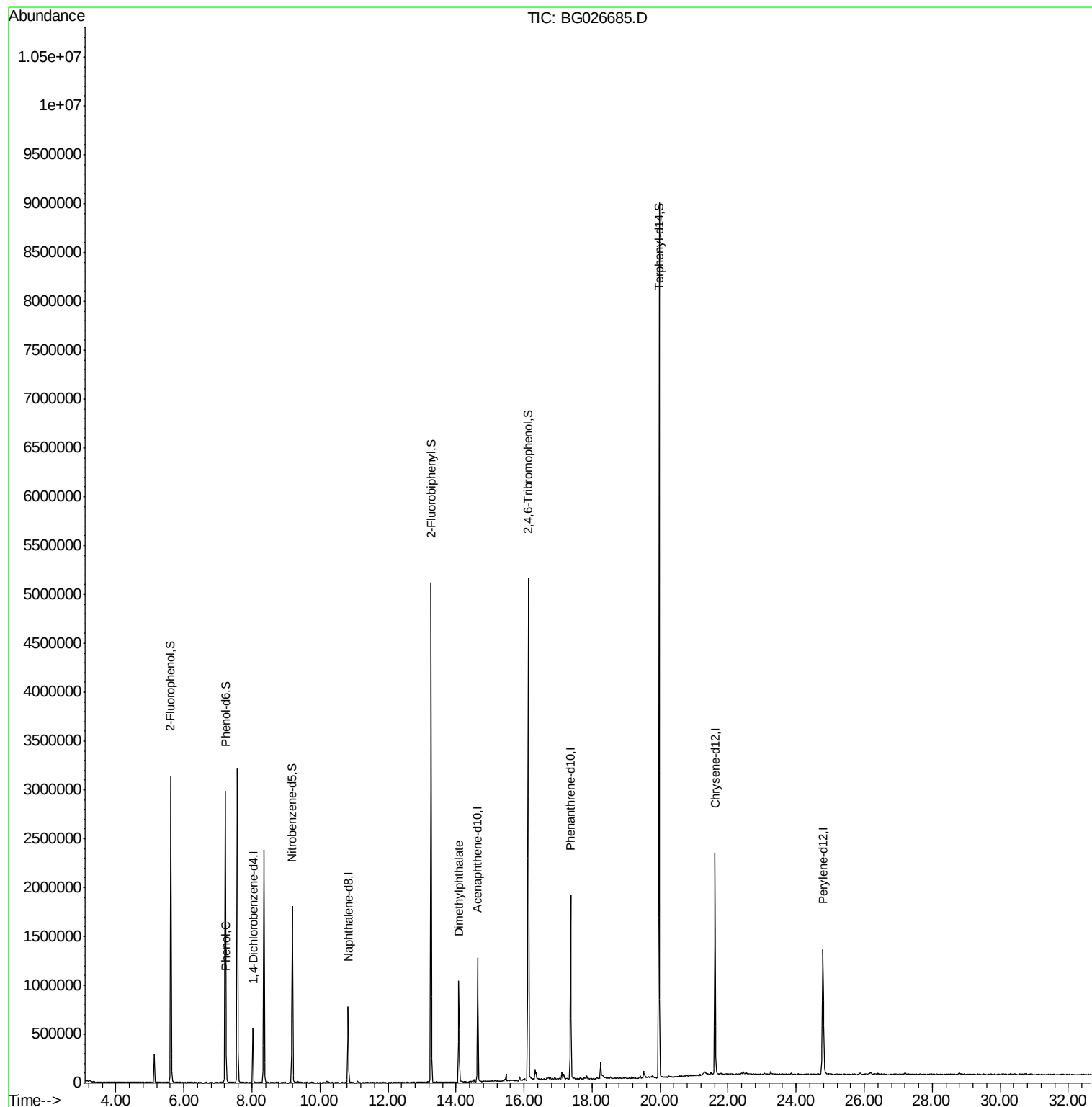
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	176040	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	748580	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	465327	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1227214	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1386756	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1361188	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1626827	168.00	ng	0.00
7) Phenol-d6	7.22	99	2177877	171.63	ng	0.01
23) Nitrobenzene-d5	9.19	82	1152651	107.44	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	1079765	166.53	ng	-0.02
44) 2-Fluorobiphenyl	13.27	172	2754635	88.17	ng	-0.02
78) Terphenyl-d14	19.97	244	3717374	79.14	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	42138	3.05	ng	85
49) Dimethylphthalate	14.08	163	760736	20.65	ng	98

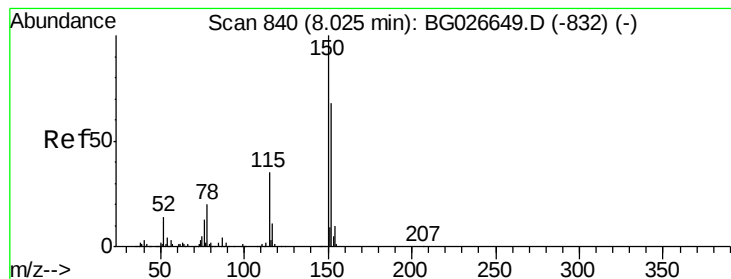
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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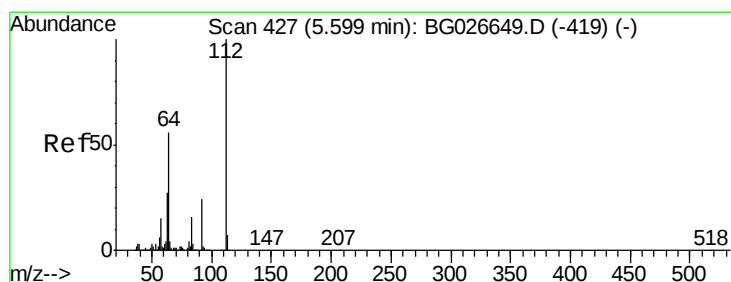
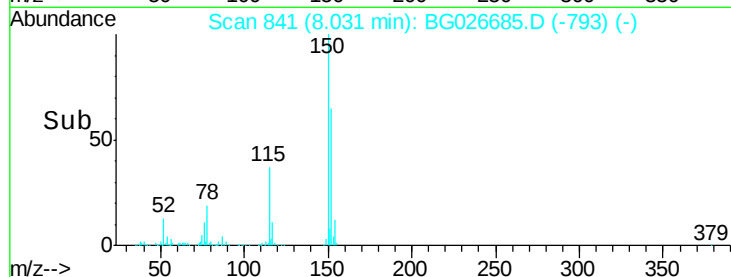
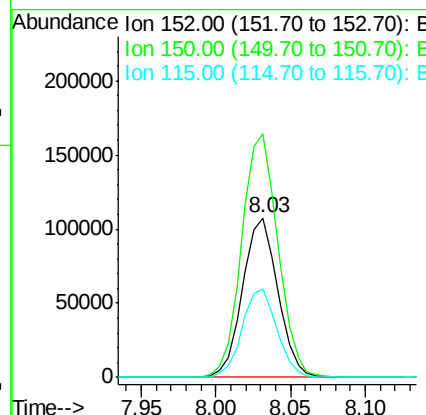
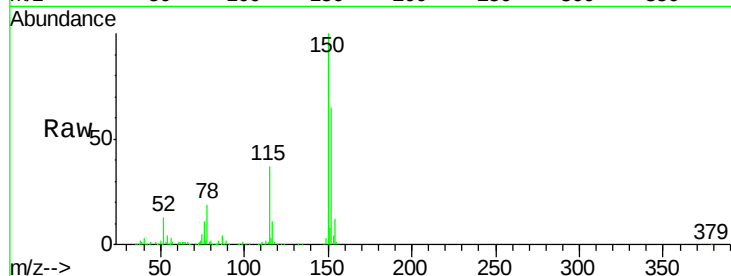


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026685.D
Acq: 20 Apr 2017 21:29

Instrument :
BNA_G
ClientSampleId :
WESTWALL-041917

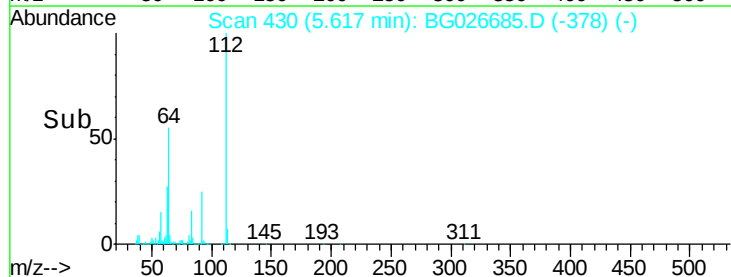
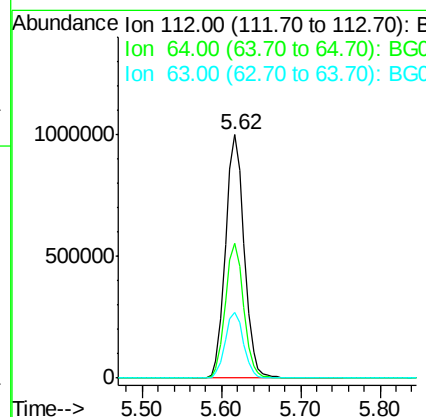
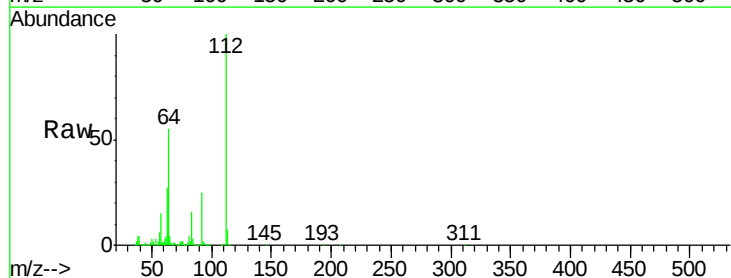
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	114.0	171.0
115	55.8	48.1	72.1

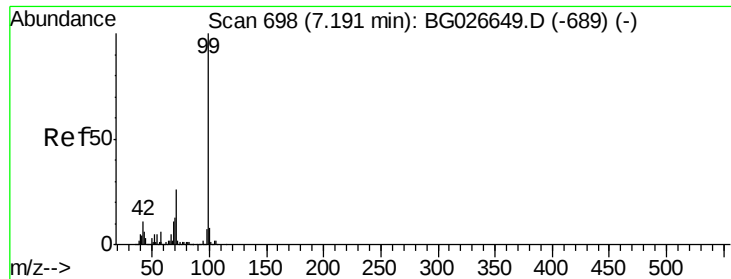


#5

2-Fluorophenol
Concen: 168.00 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026685.D
Acq: 20 Apr 2017 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	61.8	92.6#
63	27.0	37.2	55.8#





#7

Phenol-d6

Concen: 171.63 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

Instrument :

BNA_G

ClientSampleId :

WESTWALL-041917

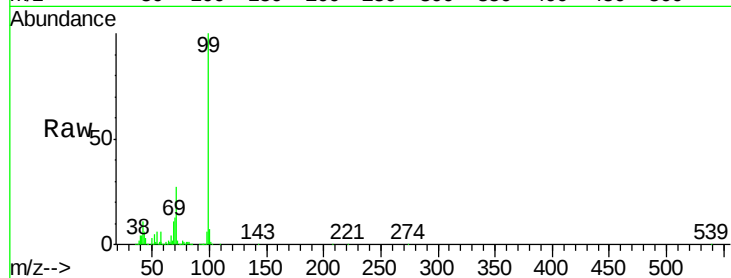
Tot Ion: 99 Resp: 2177877

Ion Ratio Lower Upper

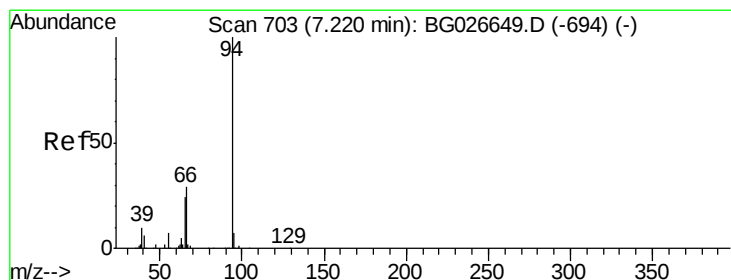
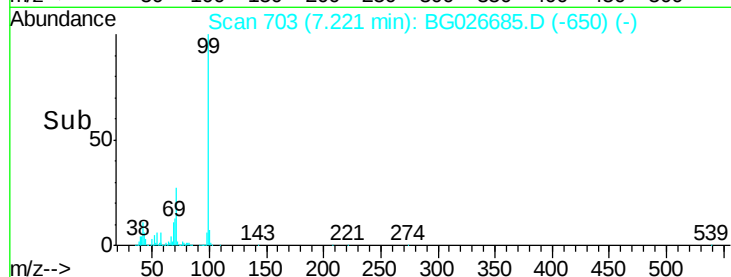
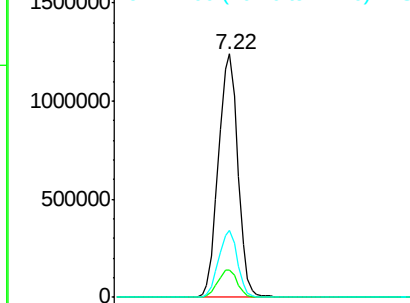
99 100

42 11.0 20.5 30.7#

71 27.4 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



#10

Phenol

Concen: 3.05 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

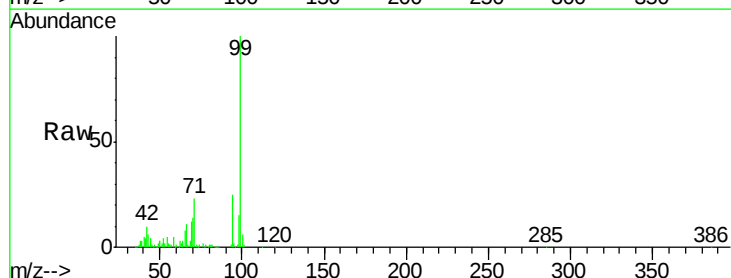
Tgt Ion: 94 Resp: 42138

Ion Ratio Lower Upper

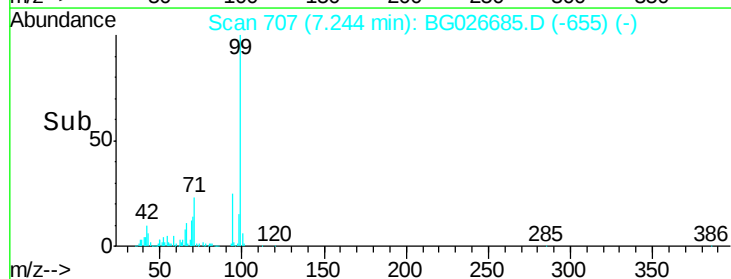
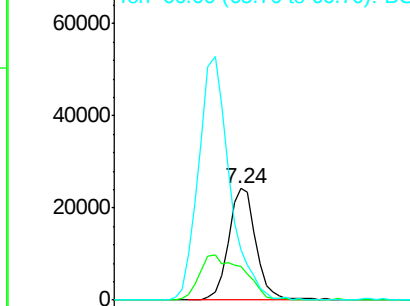
94 100

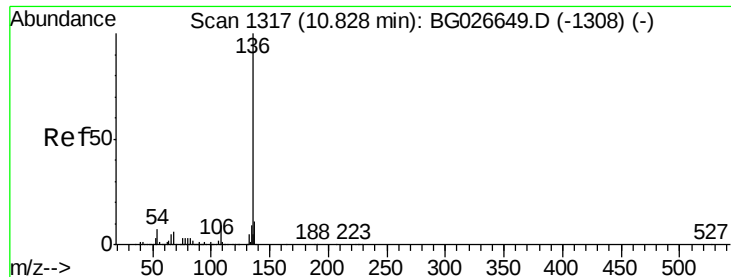
65 30.0 20.6 60.6

66 45.2 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

Instrument :

BNA_G

ClientSampleId :

WESTWALL-041917

Tot Ion:136 Resp: 748580

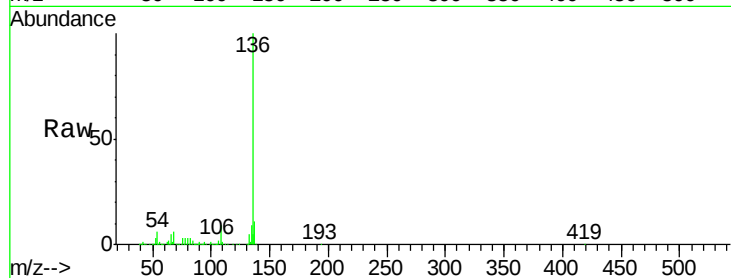
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.1 9.3 13.9#

68 5.8 5.1 7.7

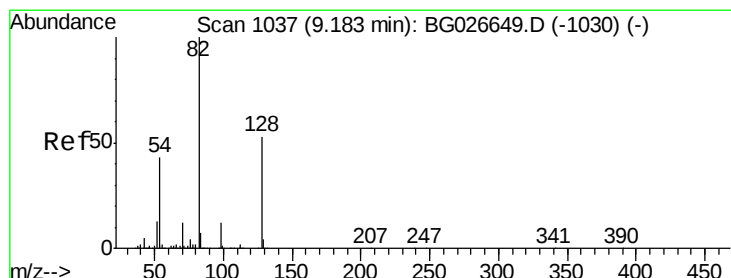
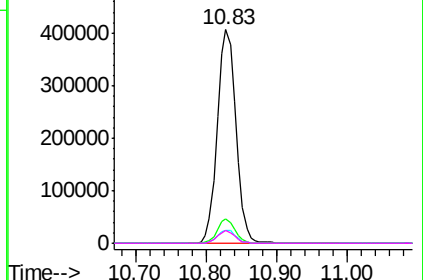
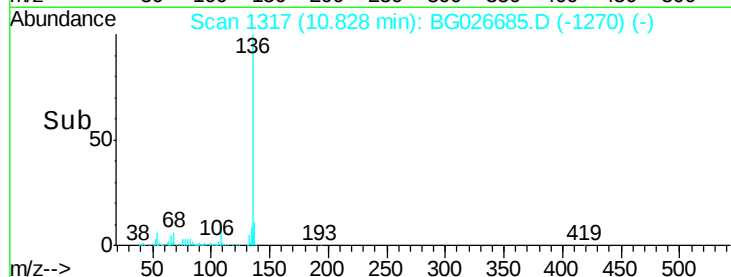


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 107.44 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

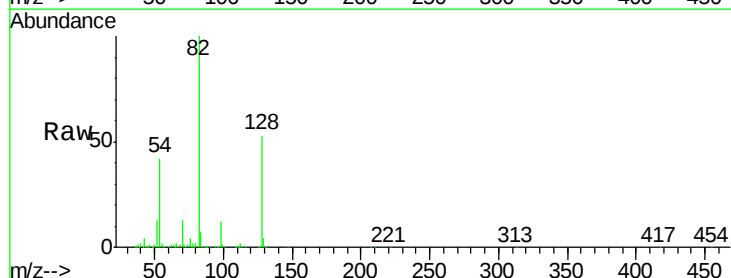
Tgt Ion: 82 Resp: 1152651

Ion Ratio Lower Upper

82 100

128 53.4 26.4 39.6#

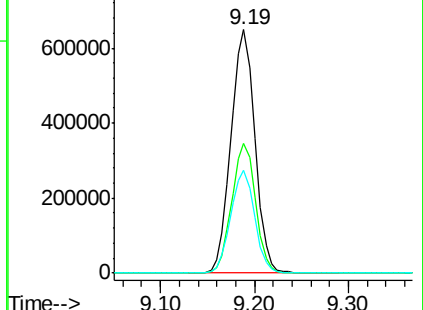
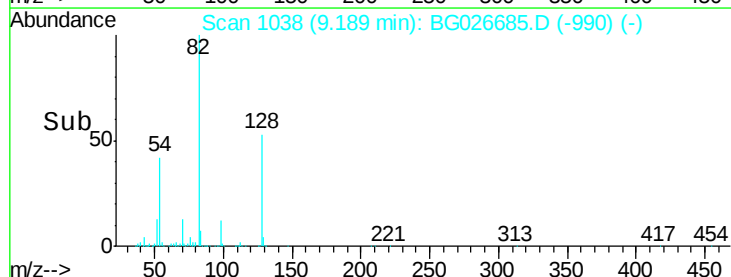
54 42.0 49.4 74.2#

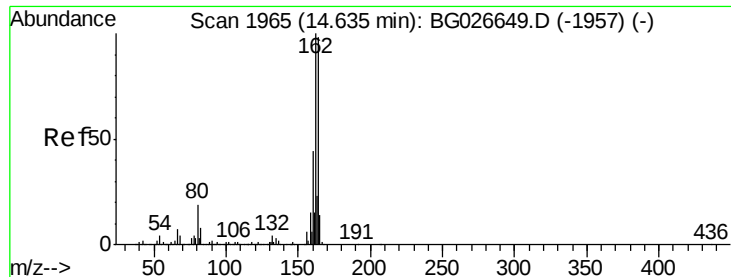


Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 1965

Delta R.T. -0.02 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

Instrument :

BNA_G

ClientSampleId :

WESTWALL-041917

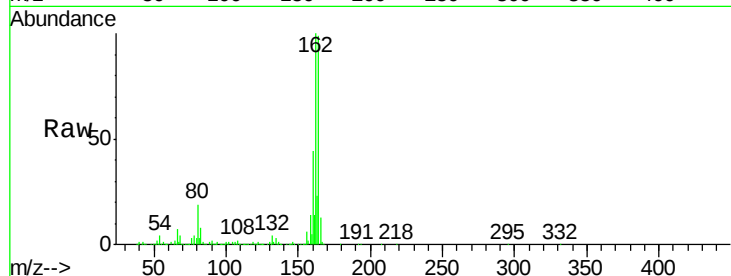
Tot Ion:164 Resp: 465327

Ion Ratio Lower Upper

164 100

162 101.4 85.1 127.7

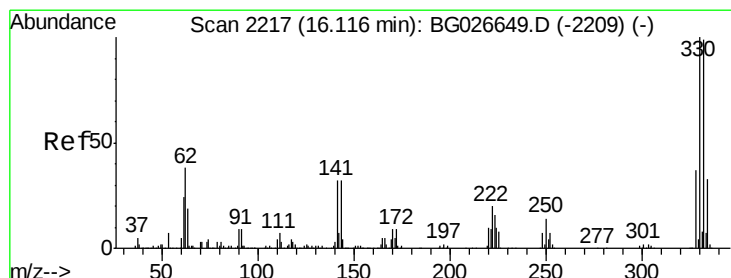
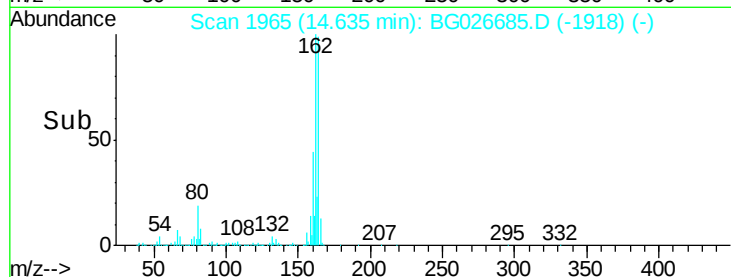
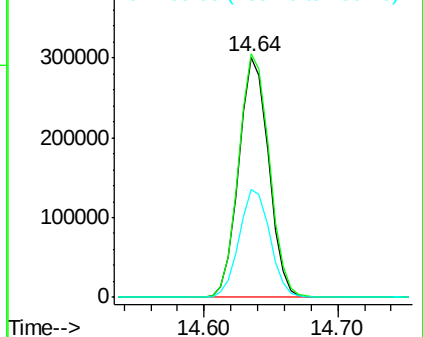
160 45.0 34.7 52.1



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: 166.53 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

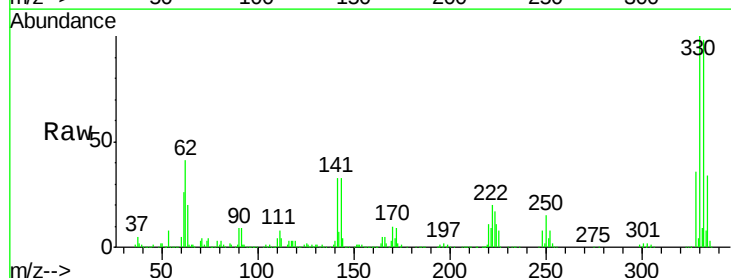
Tgt Ion:330 Resp: 1079765

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

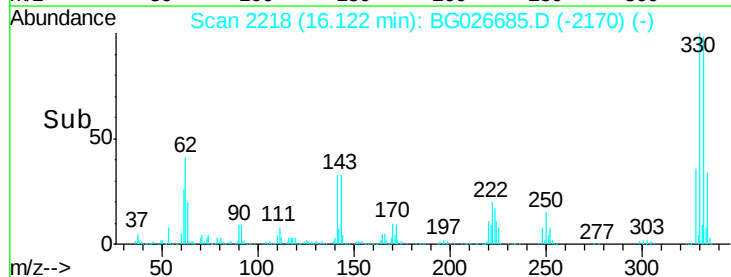
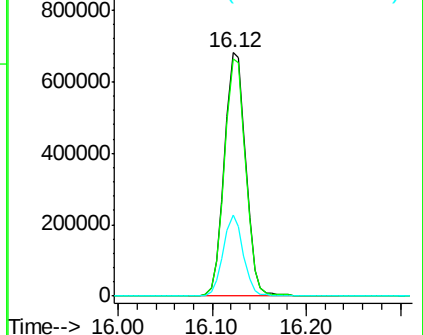
141 31.4 32.1 48.1#

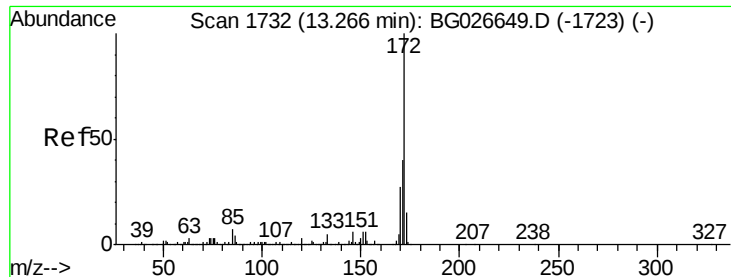


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

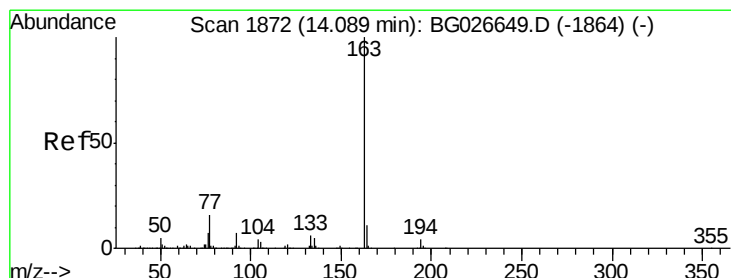
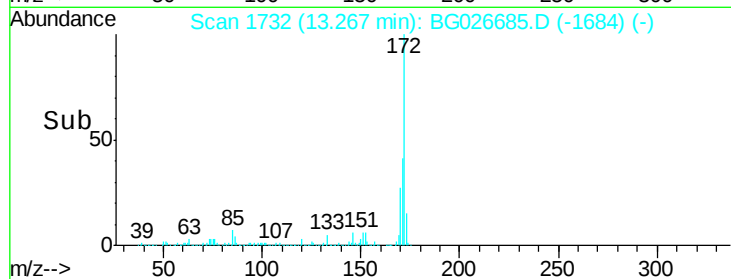
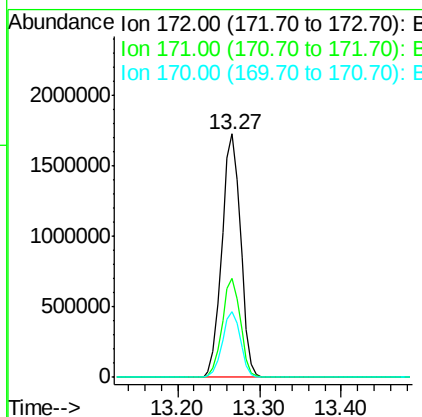
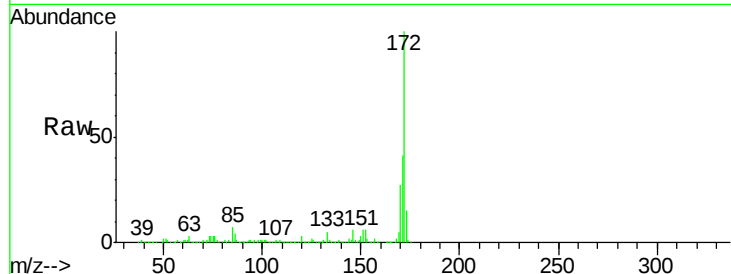




#44
2-Fluorobiphenyl
Concen: 88.17 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG026685.D
Acq: 20 Apr 2017 21:29

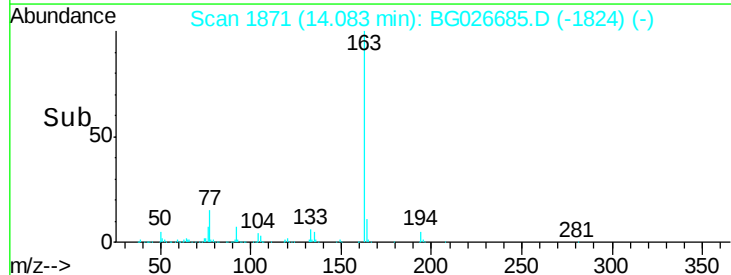
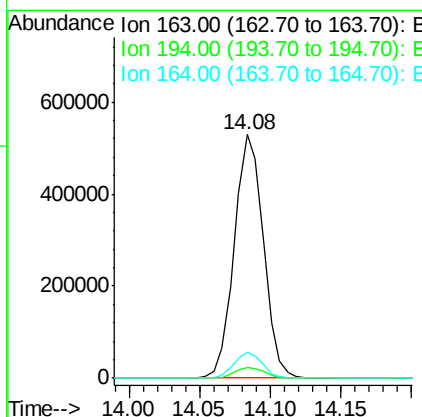
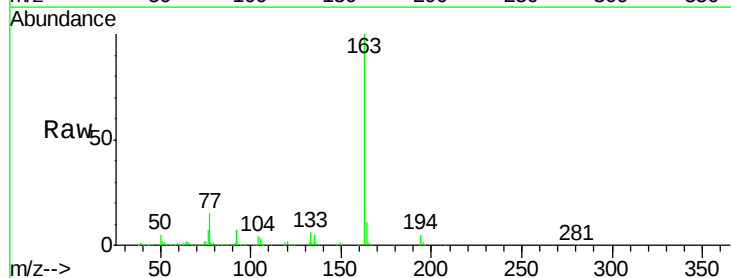
Instrument :
BNA_G
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WESTWALL-041917

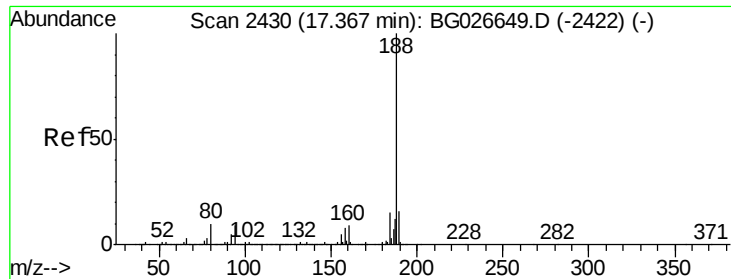
Tot Ion:172 Resp: 2754635
Ion Ratio Lower Upper
172 100
171 40.5 32.2 48.2
170 27.2 21.8 32.6



#49
Dimethylphthalate
Concen: 20.65 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BG026685.D
Acq: 20 Apr 2017 21:29

Tgt Ion:163 Resp: 760736
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 10.8 9.3 13.9

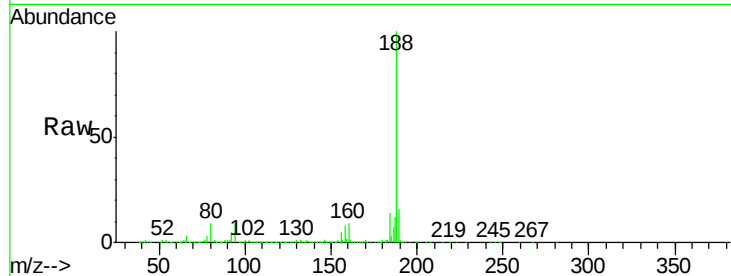




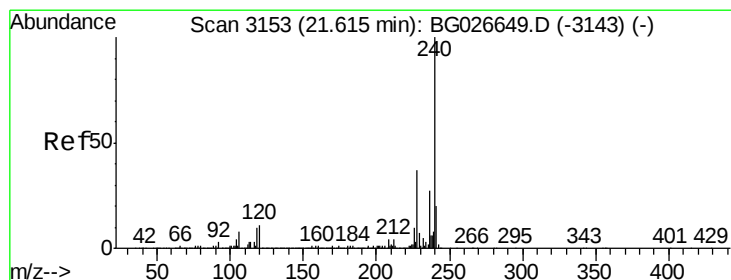
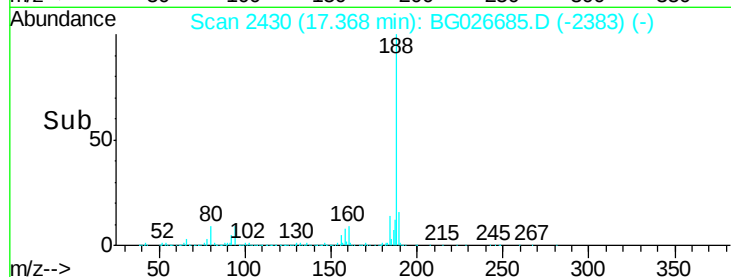
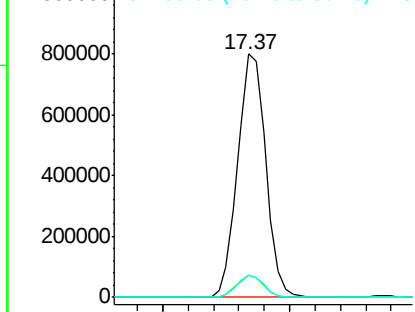
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG026685.D
Acq: 20 Apr 2017 21:29

Instrument :
BNA_G
ClientSampleId :
WESTWALL-041917

Tot Ion:188 Resp: 1227214
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.8#
80 9.4 7.5 11.3

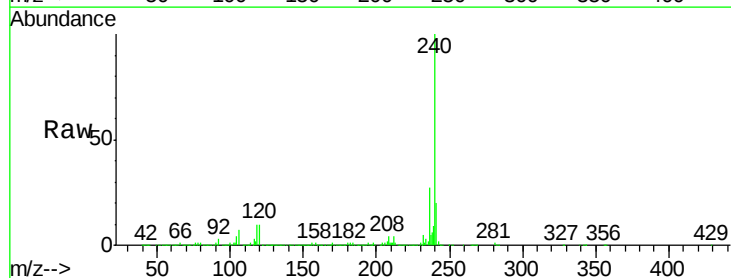


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

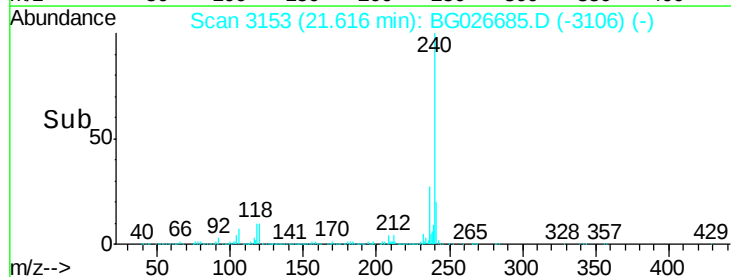
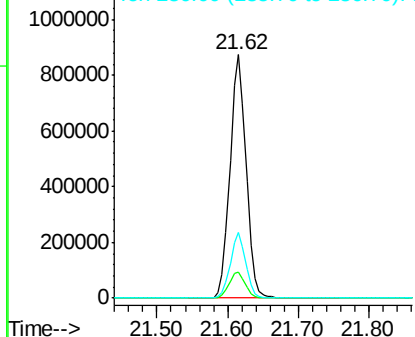


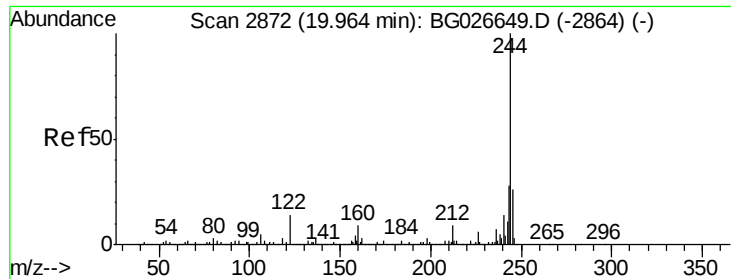
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG026685.D
Acq: 20 Apr 2017 21:29

Tgt Ion:240 Resp: 1386756
Ion Ratio Lower Upper
240 100
120 10.5 5.7 8.5#
236 26.8 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: 79.14 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

Instrument :

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ClientSampleId :

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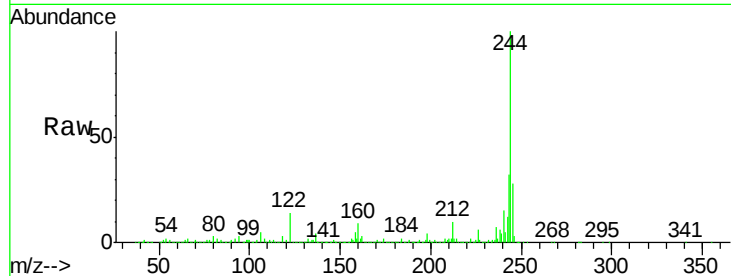
Tot Ion:244 Resp: 3717374

Ion Ratio Lower Upper

244 100

212 10.1 10.0 15.0

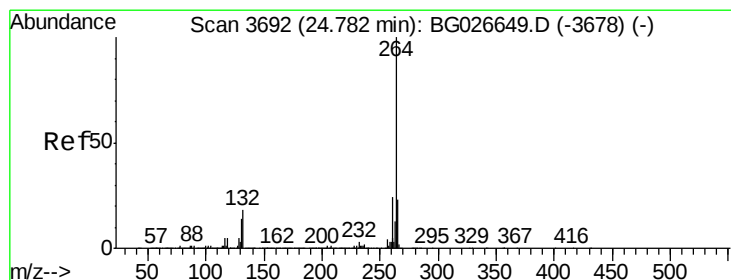
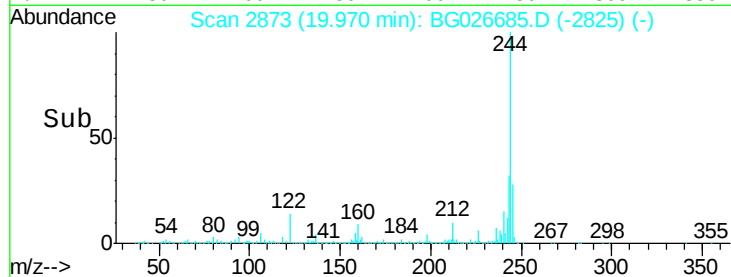
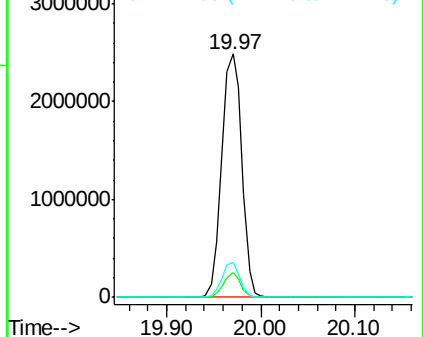
122 14.2 8.6 12.8#



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. -0.03 min

Lab File: BG026685.D

Acq: 20 Apr 2017 21:29

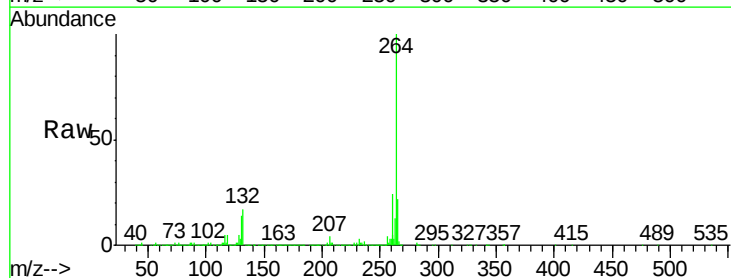
Tgt Ion:264 Resp: 1361188

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 21.8 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

