

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026054.D
 Acq On : 3 Mar 2017 7:08
 Operator : SJ/MA
 Sample : I2057-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 29B-4

Quant Time: Mar 03 07:43:28 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

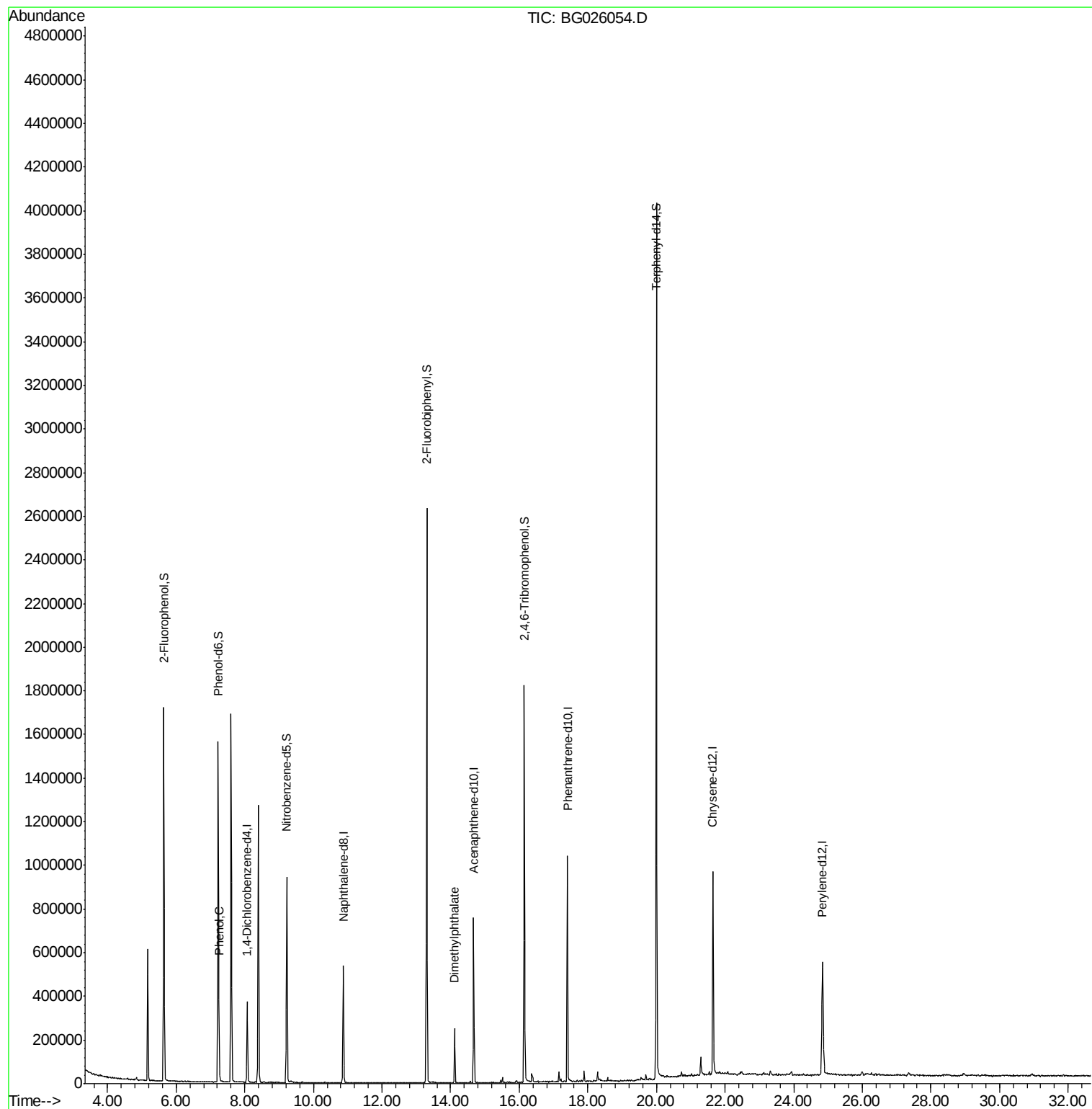
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	114306	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	477303	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	270021	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	635585	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	582996	20.00	ng	-0.03
86) Perylene-d12	24.84	264	551924	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	810125	123.39	ng	-0.01
7) Phenol-d6	7.23	99	1067408	109.87	ng	0.00
23) Nitrobenzene-d5	9.23	82	598847	79.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	352729	141.39	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1425369	92.24	ng	-0.02
78) Terphenyl-d14	19.99	244	1804477	75.28	ng	-0.03
Target Compounds						
10) Phenol	7.25	94	46603	4.41	ng	Qvalue 77
49) Dimethylphthalate	14.12	163	179875	9.71	ng	# 95

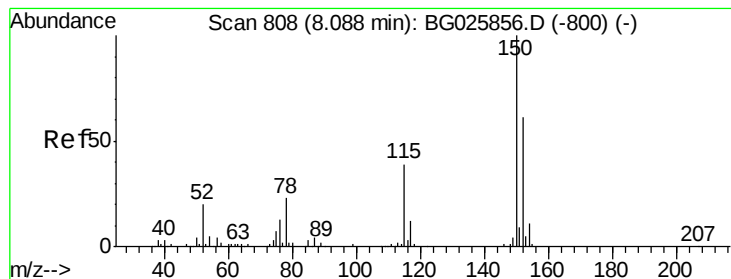
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG026054.D

Acq: 3 Mar 2017 7:08

Instrument :

BNA_G

ClientSampleId :

29B-4

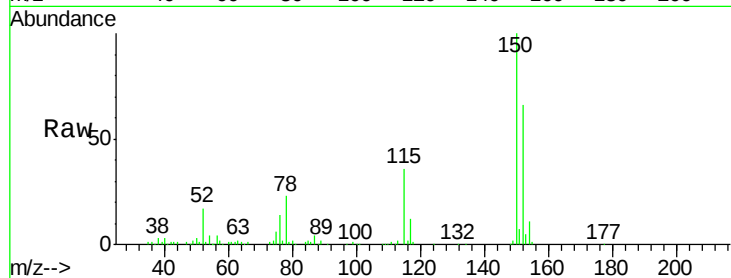
Tgt Ion:152 Resp: 114306

Ion Ratio Lower Upper

152 100

150 152.1 114.0 171.0

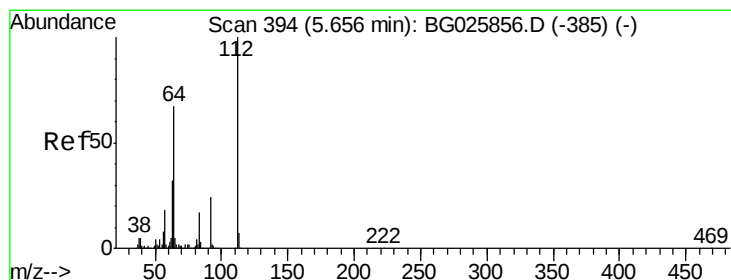
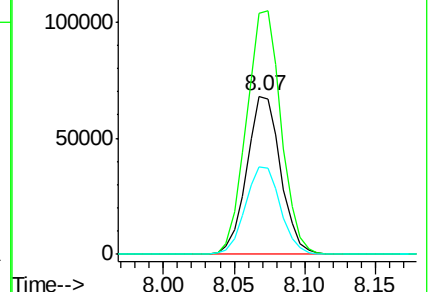
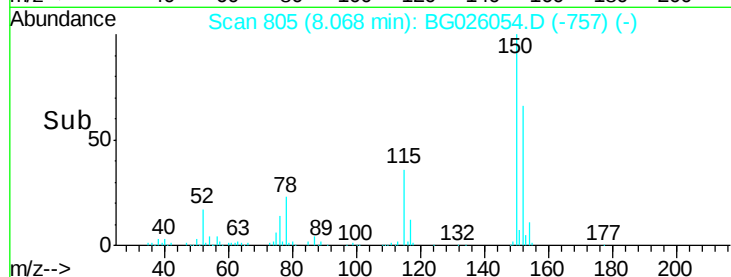
115 55.1 48.1 72.1



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: 123.39 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026054.D

Acq: 3 Mar 2017 7:08

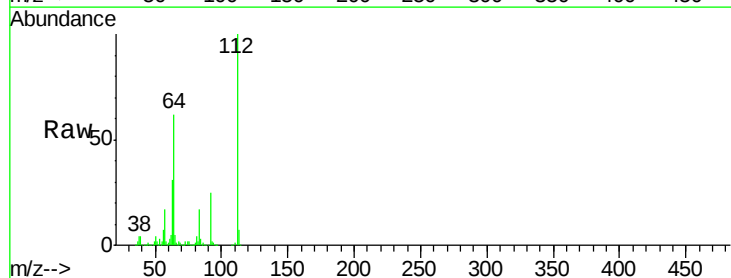
Tgt Ion:112 Resp: 810125

Ion Ratio Lower Upper

112 100

64 62.1 61.8 92.6

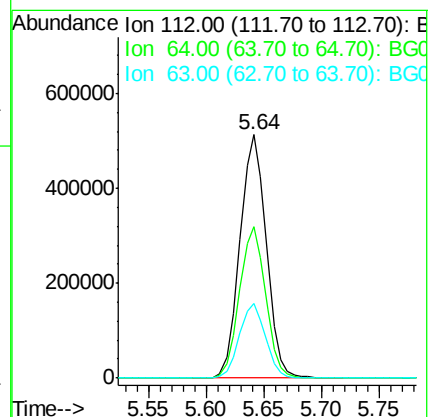
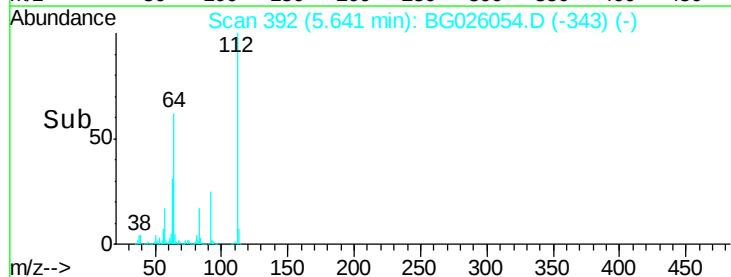
63 30.6 37.2 55.8#

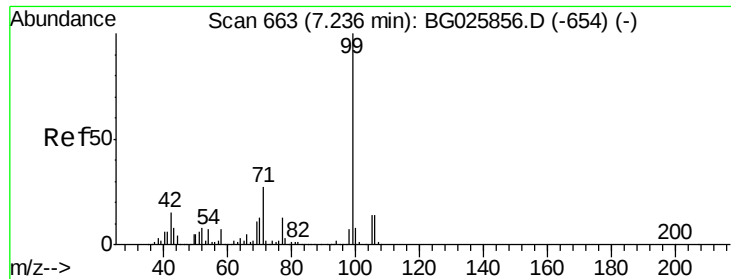


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 109.87 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026054.D

Acq: 3 Mar 2017 7:08

Instrument :

BNA_G

ClientSampleId :

29B-4

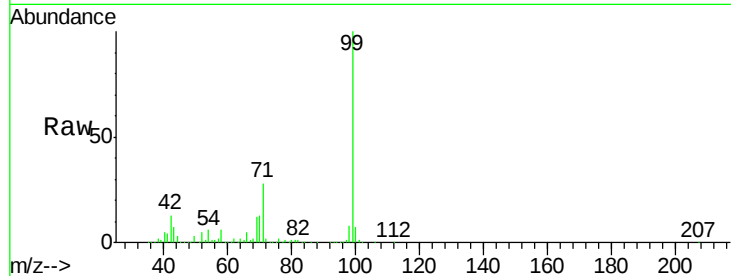
Tgt Ion: 99 Resp: 1067408

Ion Ratio Lower Upper

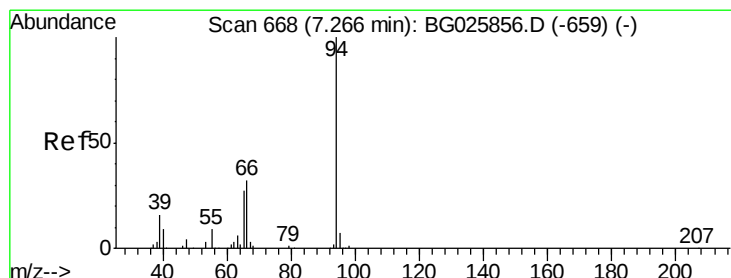
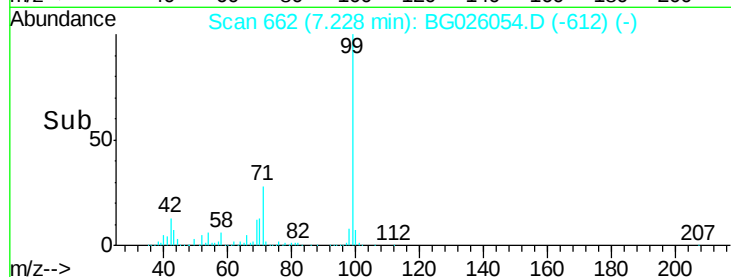
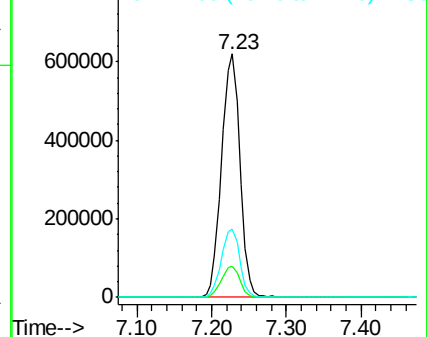
99 100

42 13.0 20.5 30.7#

71 28.0 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



#10

Phenol

Concen: 4.41 ng

RT: 7.25 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG026054.D

Acq: 3 Mar 2017 7:08

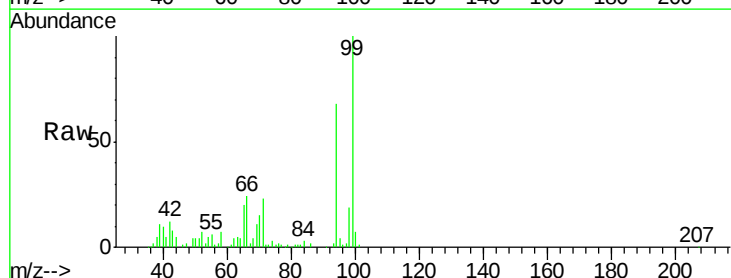
Tgt Ion: 94 Resp: 46603

Ion Ratio Lower Upper

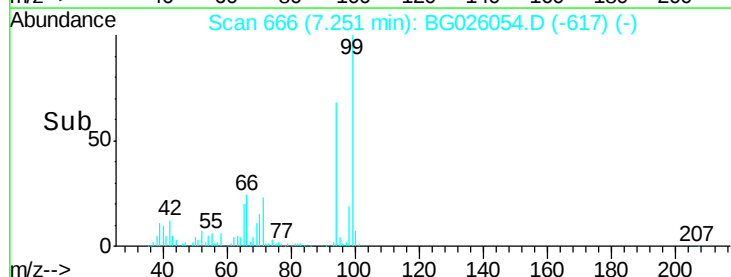
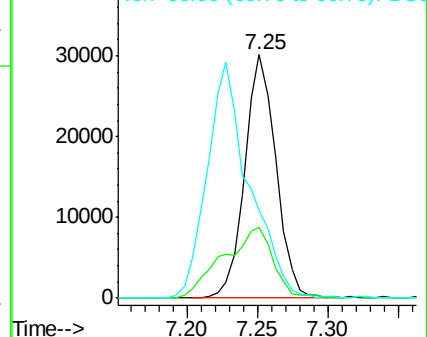
94 100

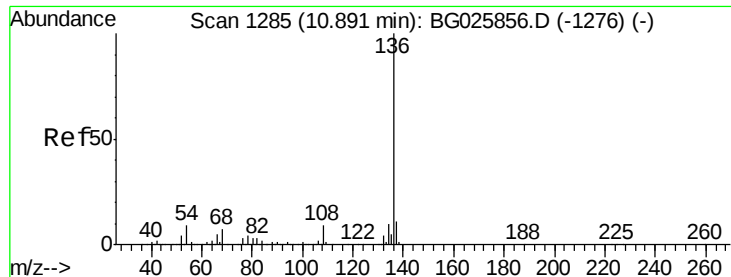
65 29.1 20.6 60.6

66 36.0 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: 10.87 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BG026054.D

Acq: 3 Mar 2017 7:08

Instrument :

BNA_G

ClientSampleId :

29B-4

Tgt Ion: 136 Resp: 477303

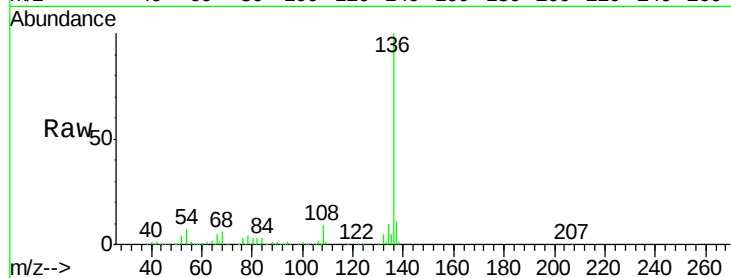
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.2 9.3 13.9#

68 6.4 5.1 7.7

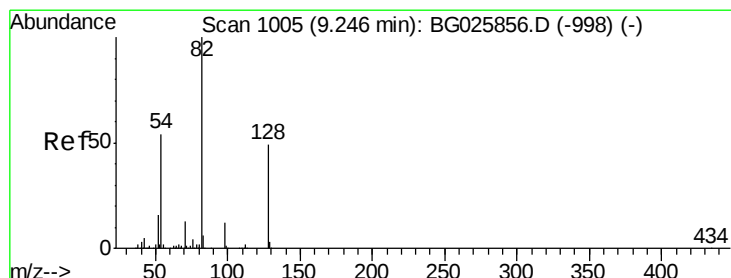
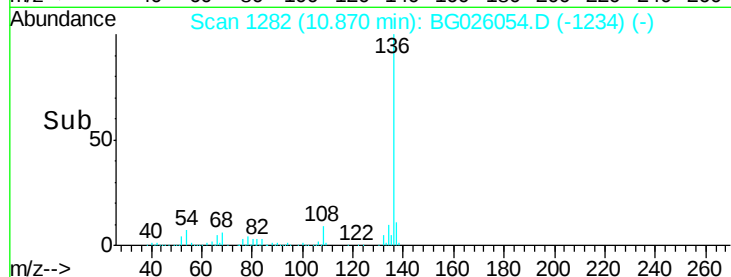
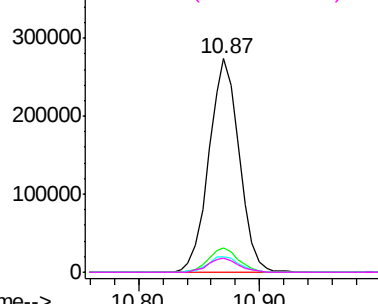


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.18 ng

RT: 9.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG026054.D

Acq: 3 Mar 2017 7:08

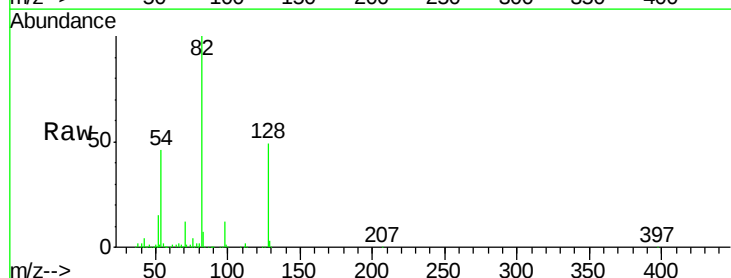
Tgt Ion: 82 Resp: 598847

Ion Ratio Lower Upper

82 100

128 48.6 26.4 39.6#

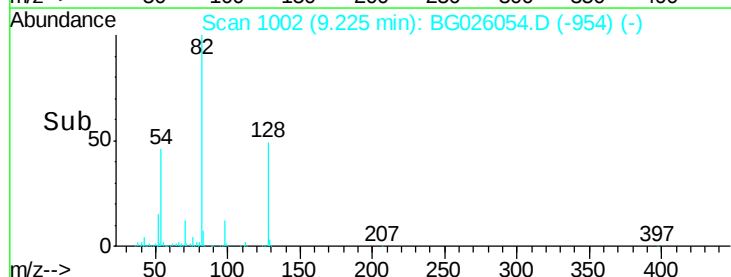
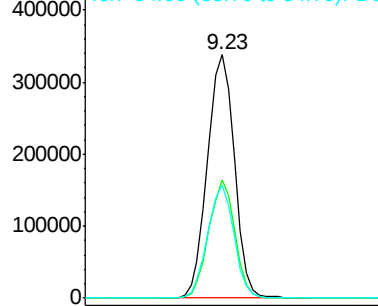
54 46.2 49.4 74.2#

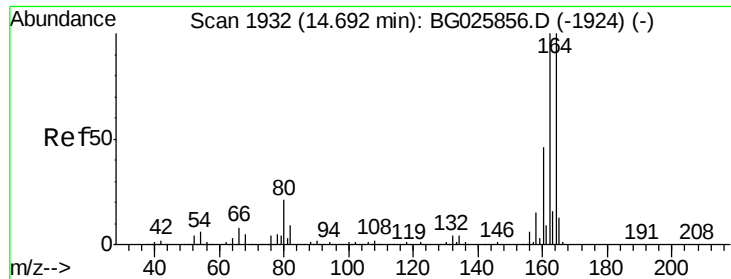


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.67 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BG026054.D

Acq: 3 Mar 2017 7:08

Instrument :

BNA_G

ClientSampleId :

29B-4

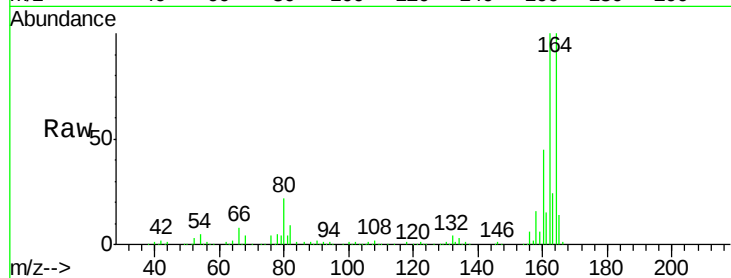
Tgt Ion:164 Resp: 270021

Ion Ratio Lower Upper

164 100

162 100.0 85.1 127.7

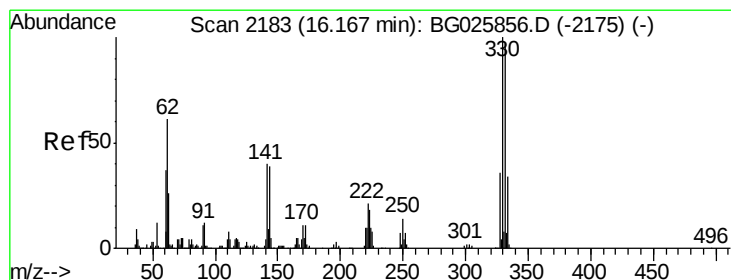
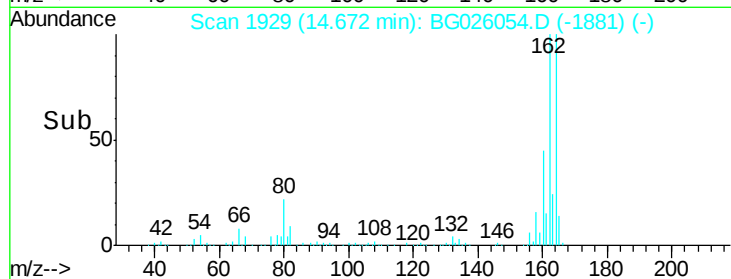
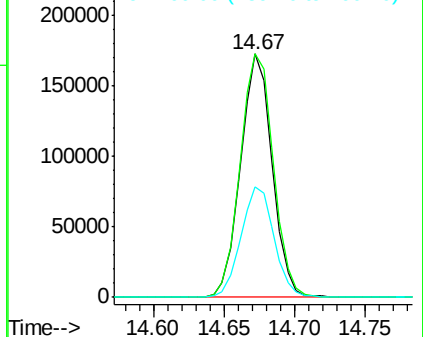
160 45.5 34.7 52.1



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: 141.39 ng

RT: 16.15 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG026054.D

Acq: 3 Mar 2017 7:08

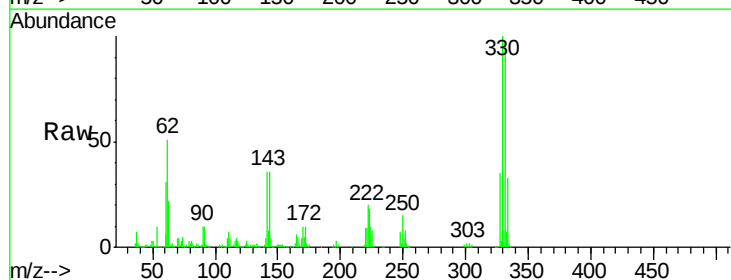
Tgt Ion:330 Resp: 352729

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

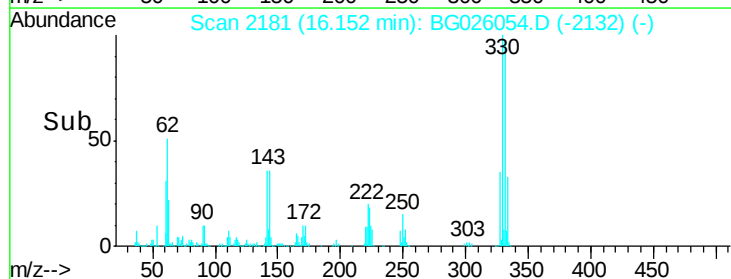
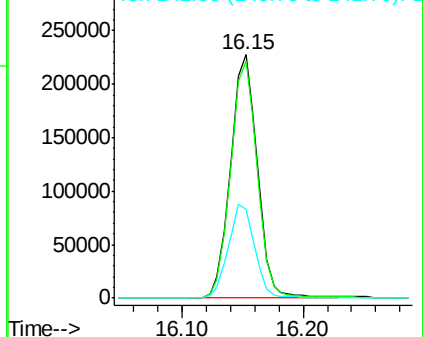
141 38.5 32.1 48.1

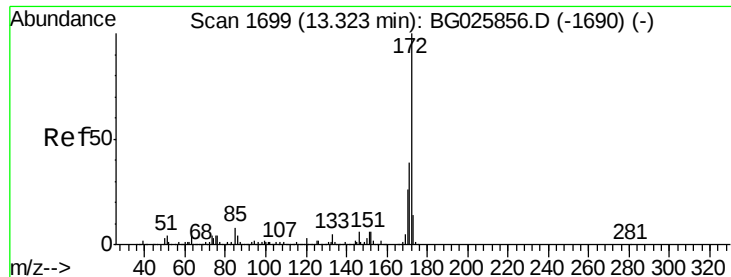


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

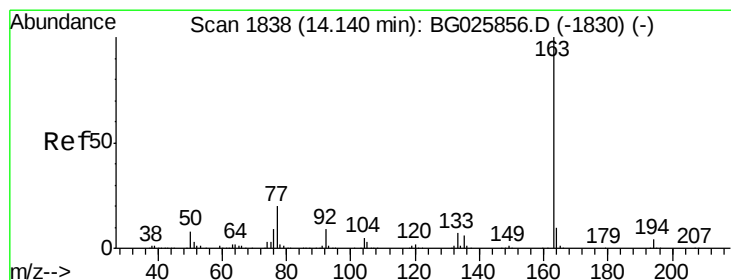
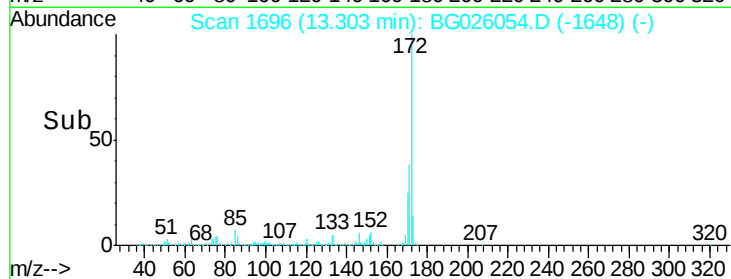
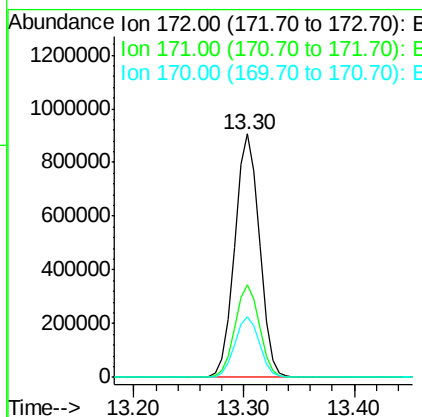
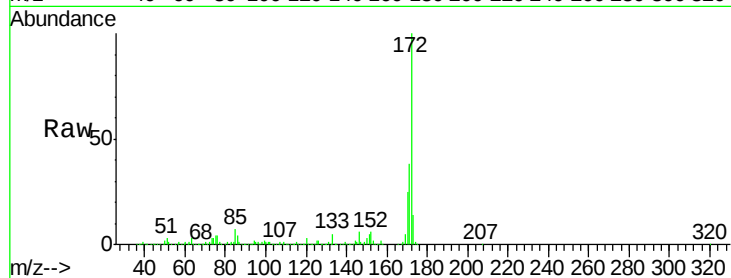




#44
2-Fluorobiphenyl
Concen: 92.24 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026054.D
Acq: 3 Mar 2017 7:08

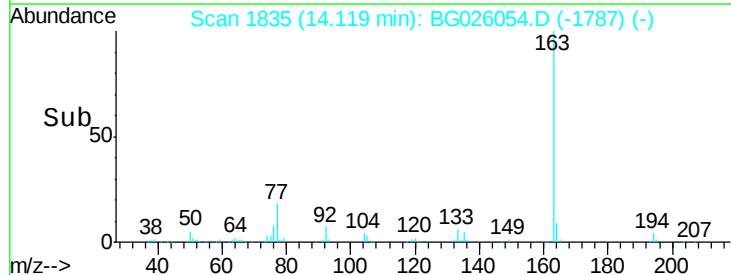
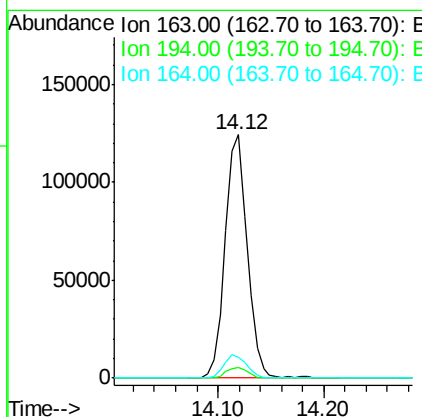
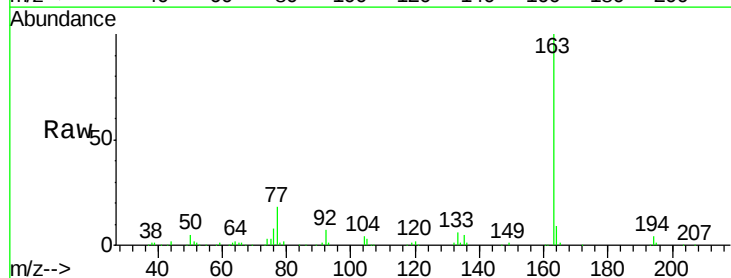
Instrument :
BNA_G
ClientSampleId :
29B-4

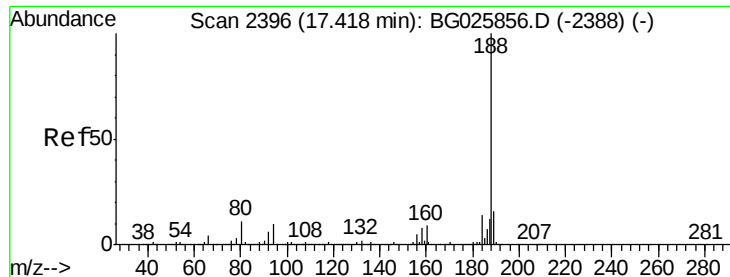
Tgt Ion:172 Resp: 1425369
Ion Ratio Lower Upper
172 100
171 37.8 32.2 48.2
170 25.1 21.8 32.6



#49
Dimethylphthalate
Concen: 9.71 ng
RT: 14.12 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BG026054.D
Acq: 3 Mar 2017 7:08

Tgt Ion:163 Resp: 179875
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 8.8 9.3 13.9#

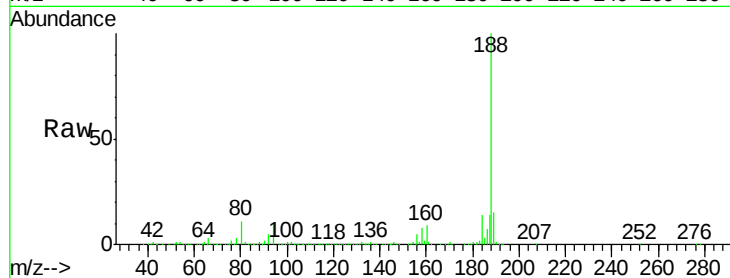




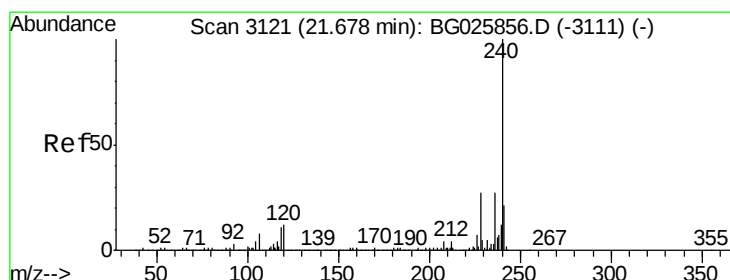
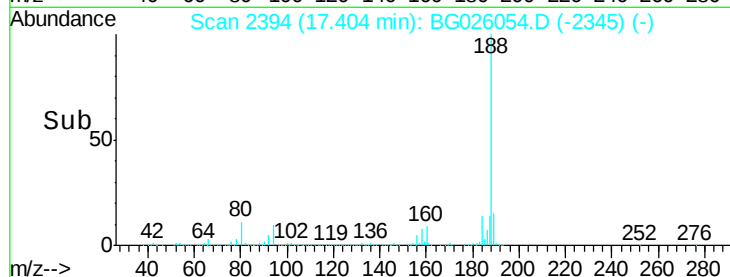
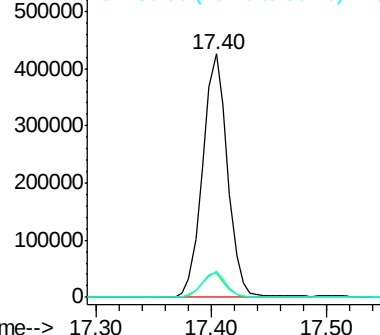
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG026054.D
Acq: 3 Mar 2017 7:08

Instrument :
BNA_G
ClientSampled :
29B-4

Tgt Ion:188 Resp: 635585
Ion Ratio Lower Upper
188 100
94 10.0 5.8 8.8#
80 10.6 7.5 11.3

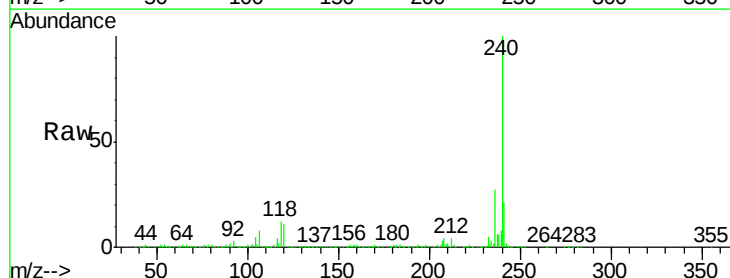


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

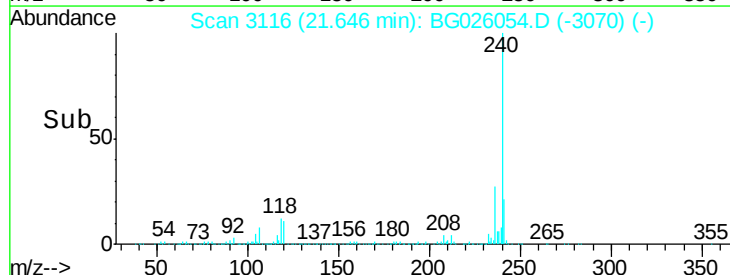
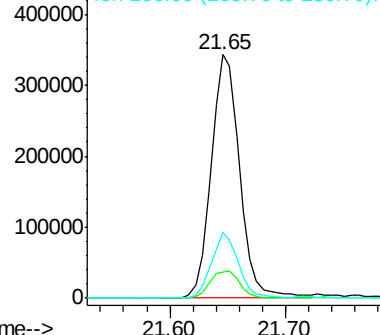


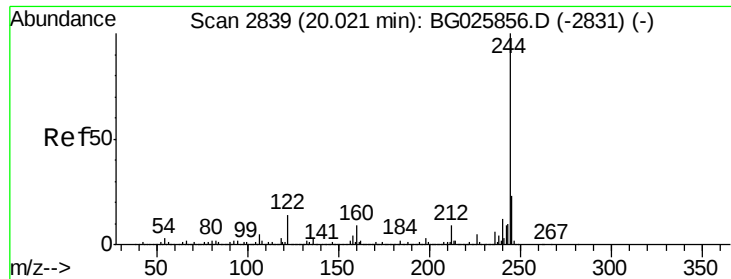
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3116
Delta R.T. -0.03 min
Lab File: BG026054.D
Acq: 3 Mar 2017 7:08

Tgt Ion:240 Resp: 582996
Ion Ratio Lower Upper
240 100
120 10.9 5.7 8.5#
236 27.2 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: 75.28 ng

RT: 19.99 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG026054.D

Acq: 3 Mar 2017 7:08

Instrument :

BNA_G

ClientSampleId :

29B-4

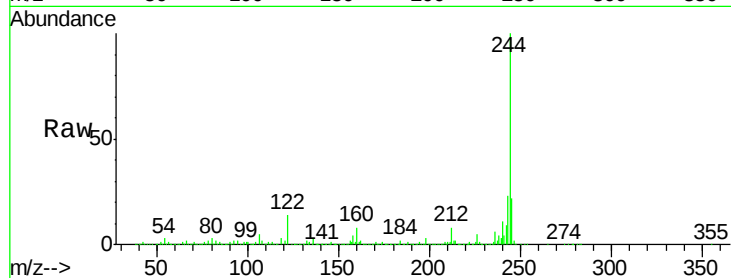
Tgt Ion:244 Resp: 1804477

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

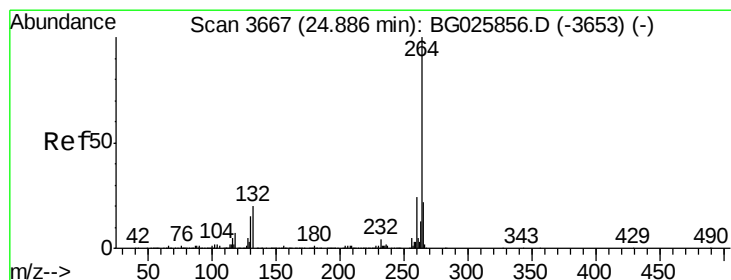
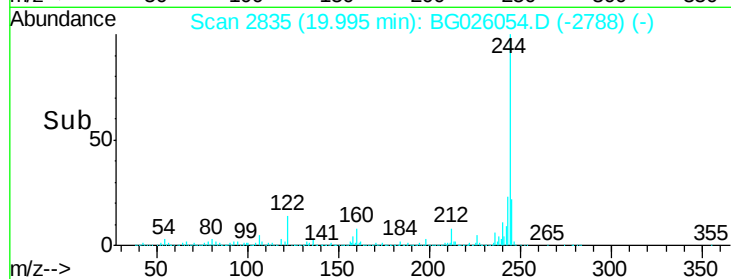
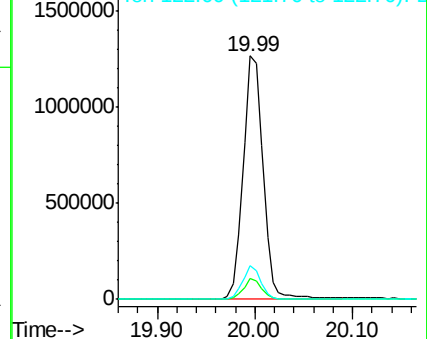
122 13.6 8.6 12.8#



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: 24.84 min Scan# 3660

Delta R.T. -0.04 min

Lab File: BG026054.D

Acq: 3 Mar 2017 7:08

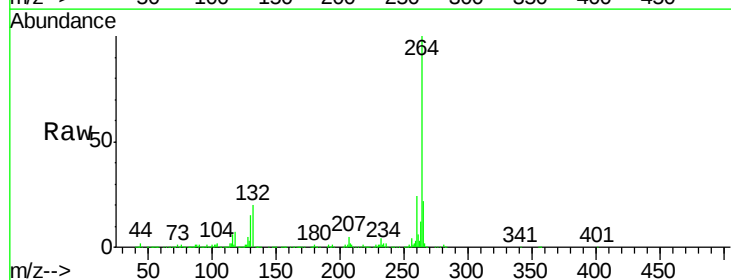
Tgt Ion:264 Resp: 551924

Ion Ratio Lower Upper

264 100

260 24.3 21.8 32.8

265 21.7 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

