

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023872.D
 Acq On : 24 Aug 2016 3:00
 Operator : UM/SJ
 Sample : H4556-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-17A-GW

Quant Time: Aug 24 05:10:30 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

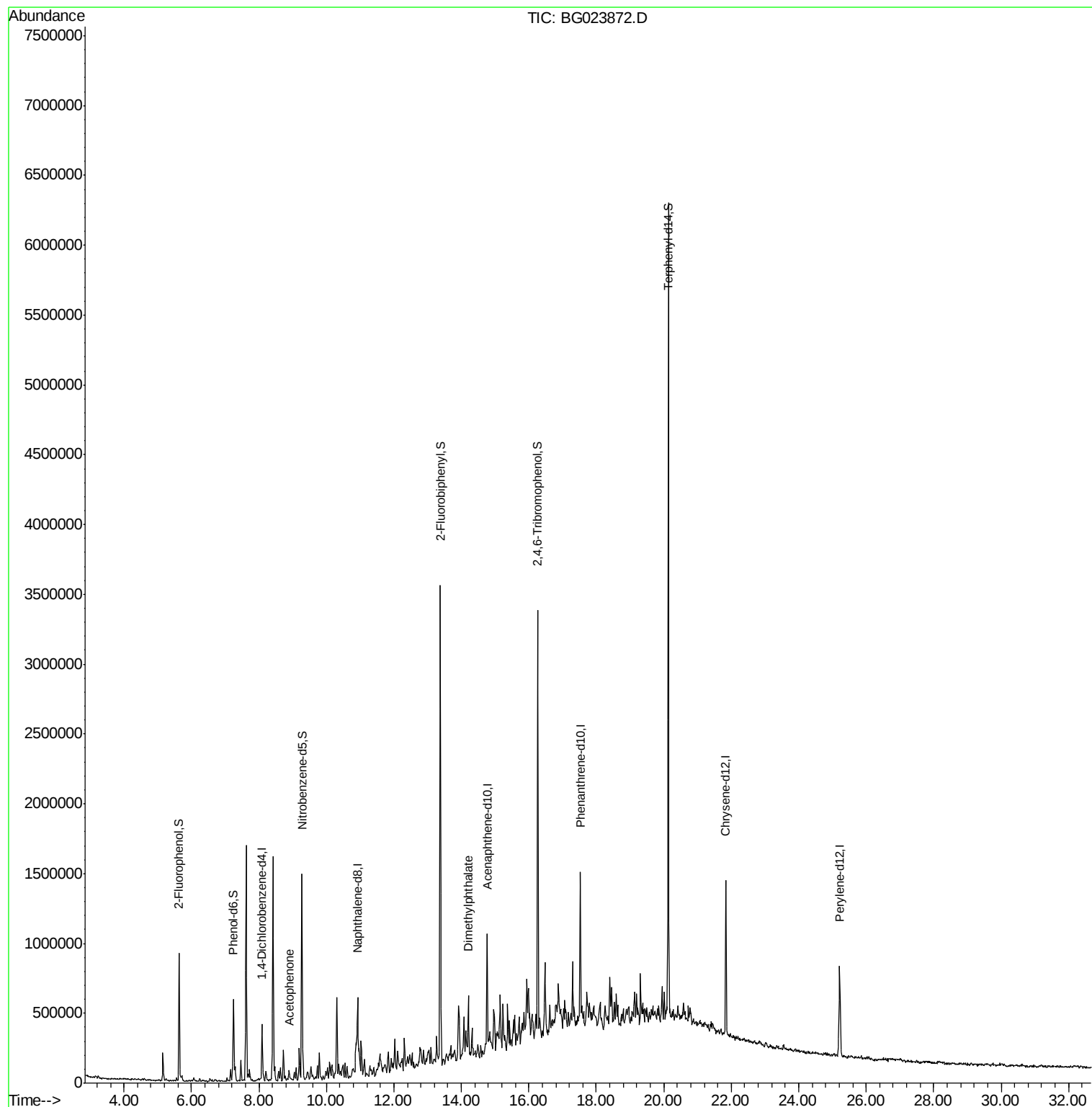
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	106629	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	433599	20.00	ng	-0.03
38) Acenaphthene-d10	14.77	164	283160	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	640109	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	667600	20.00	ng	-0.02
86) Perylene-d12	25.22	264	672587	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	400434	63.21	ng	-0.03
7) Phenol-d6	7.25	99	357686	36.25	ng	-0.03
23) Nitrobenzene-d5	9.27	82	886401	101.63	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	502368	121.29	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1697554	101.12	ng	-0.02
78) Terphenyl-d14	20.13	244	2145517	105.10	ng	-0.02
Target Compounds						
22) Acetophenone	8.89	105	56324	4.74	ng	Qvalue # 54
49) Dimethylphthalate	14.20	163	160486	7.39	ng	99

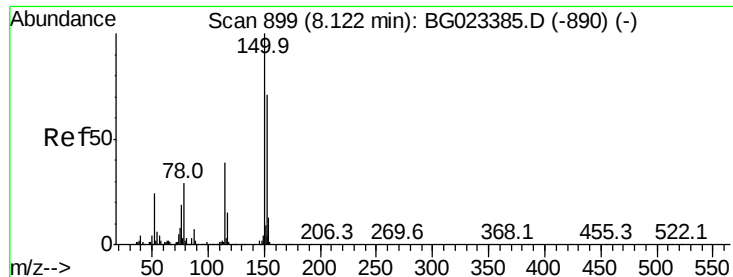
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023872.D

Acq: 24 Aug 2016 3:00

Instrument :

BNA_G

ClientSampleId :

SB-17A-GW

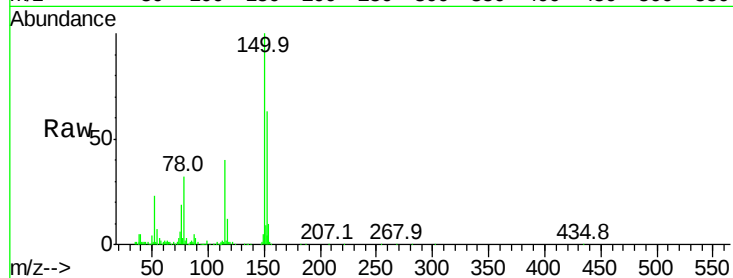
Tot Ion:152 Resp: 106629

Ion Ratio Lower Upper

152 100

150 159.8 144.7 217.1

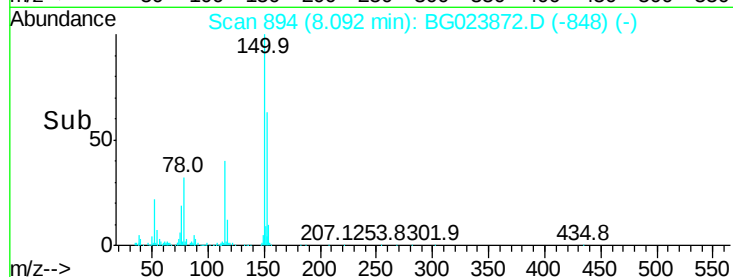
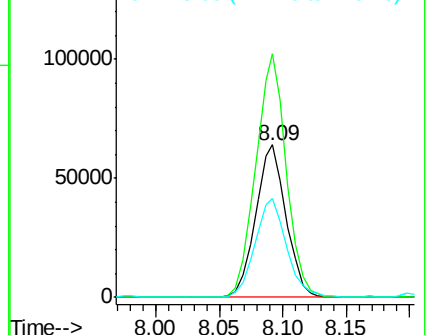
115 64.6 64.0 96.0



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: 63.21 ng

RT: 5.63 min Scan# 475

Delta R.T. -0.03 min

Lab File: BG023872.D

Acq: 24 Aug 2016 3:00

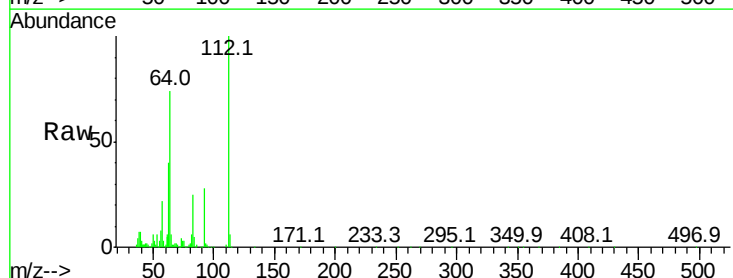
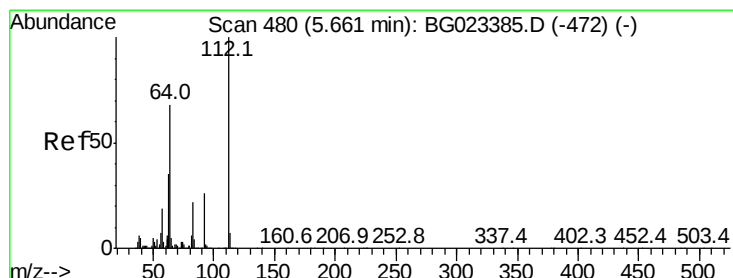
Tgt Ion:112 Resp: 400434

Ion Ratio Lower Upper

112 100

64 74.1 59.0 88.4

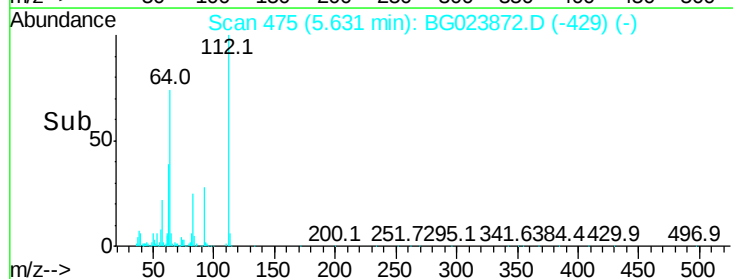
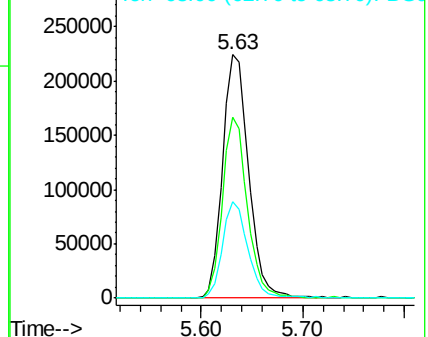
63 39.6 37.8 56.8

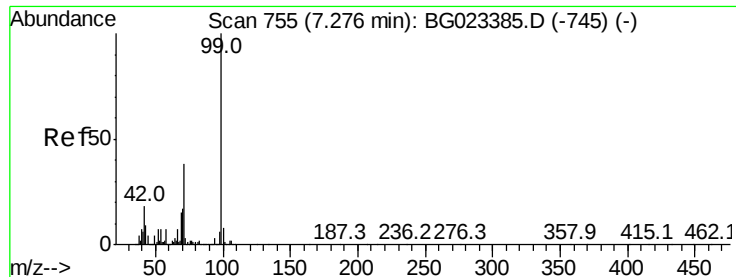


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 36.25 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG023872.D

Acq: 24 Aug 2016 3:00

Instrument :

BNA_G

ClientSampleId :

SB-17A-GW

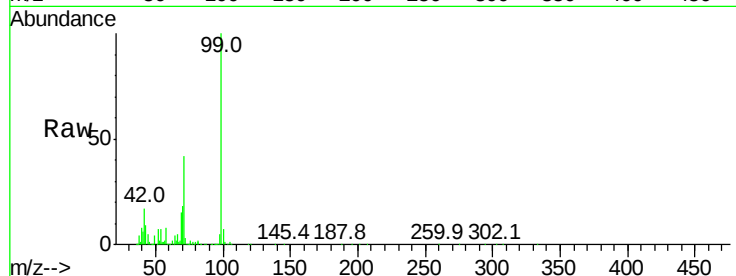
Tot Ion: 99 Resp: 357686

Ion Ratio Lower Upper

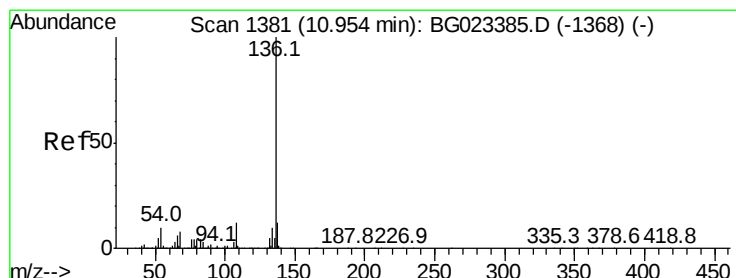
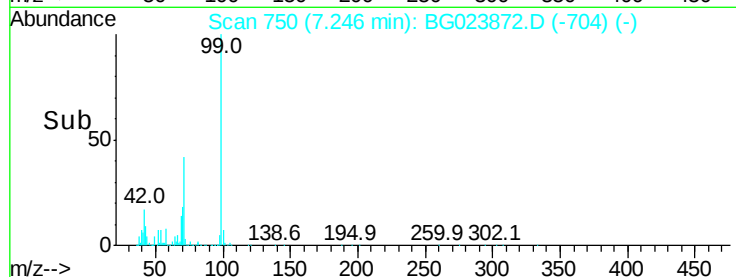
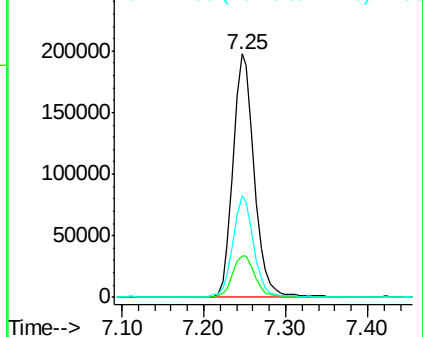
99 100

42 16.9 17.8 26.6#

71 41.9 41.5 62.3



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: 10.92 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BG023872.D

Acq: 24 Aug 2016 3:00

Tgt Ion: 136 Resp: 433599

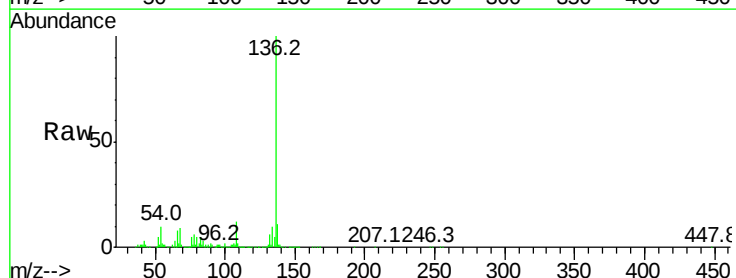
Ion Ratio Lower Upper

136 100

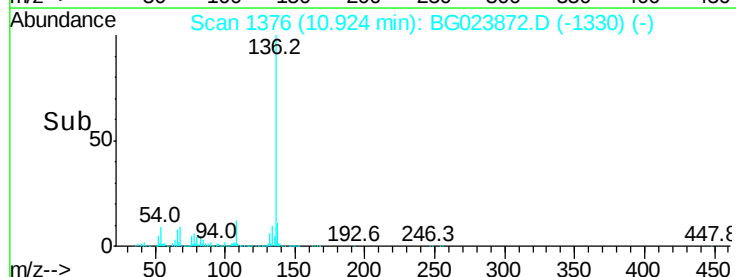
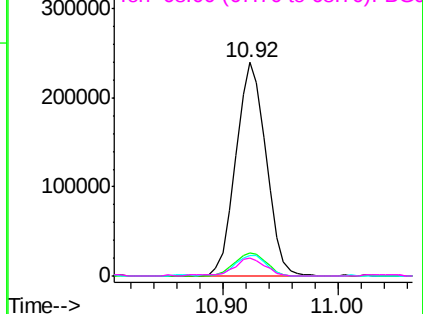
137 10.8 9.6 14.4

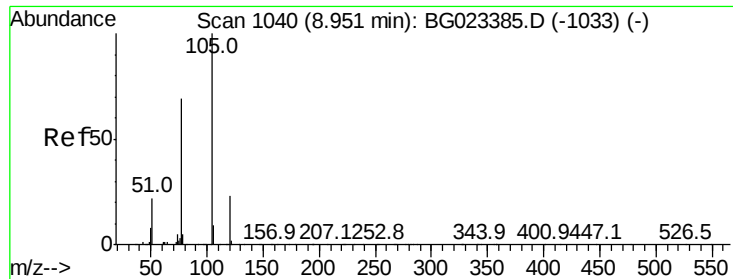
54 9.6 7.3 10.9

68 8.6 5.3 7.9#



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





#22

Acetophenone

Concen: 4.74 ng

RT: 8.89 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BG023872.D

Acq: 24 Aug 2016 3:00

Instrument :

BNA_G

ClientSampleId :

SB-17A-GW

Tot Ion:105 Resp: 56324

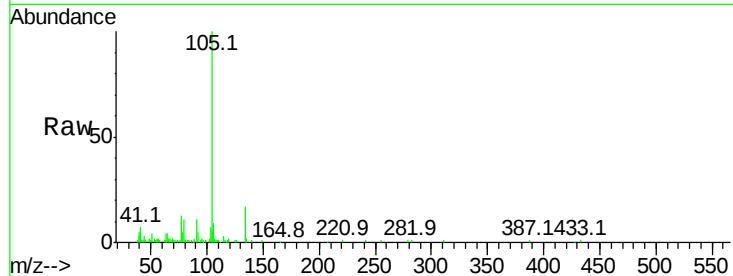
Ion Ratio Lower Upper

105 100

71 0.8 2.6 3.8#

51 3.8 27.1 40.7#

120 0.0 15.1 22.7#

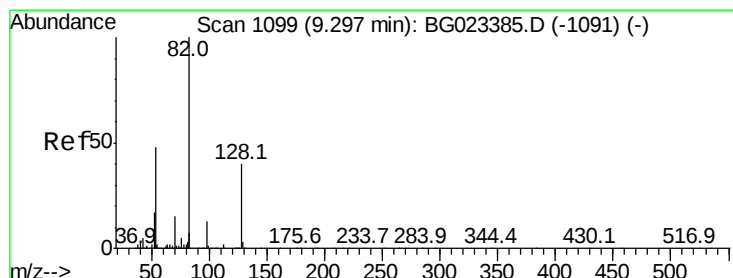
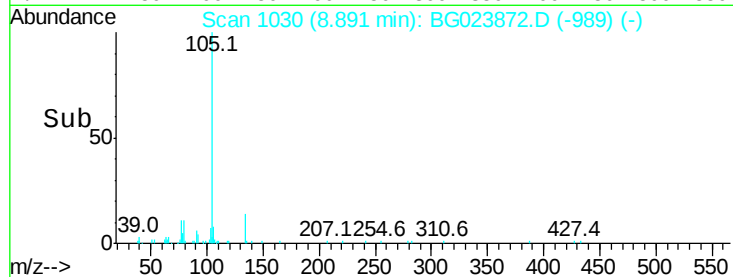
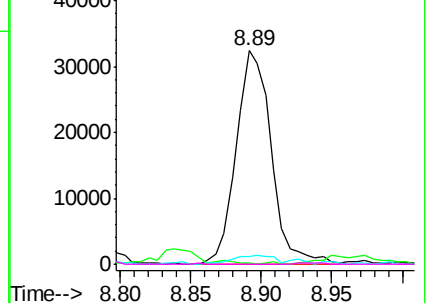


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 101.63 ng

RT: 9.27 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BG023872.D

Acq: 24 Aug 2016 3:00

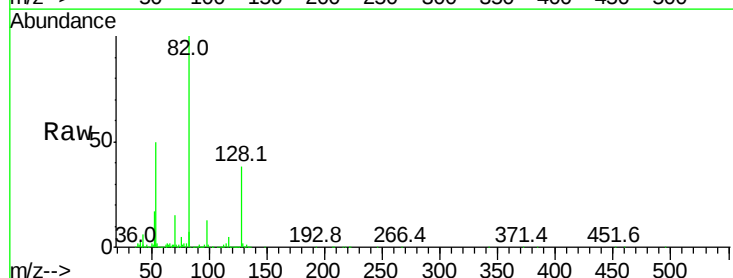
Tgt Ion: 82 Resp: 886401

Ion Ratio Lower Upper

82 100

128 37.5 24.4 36.6#

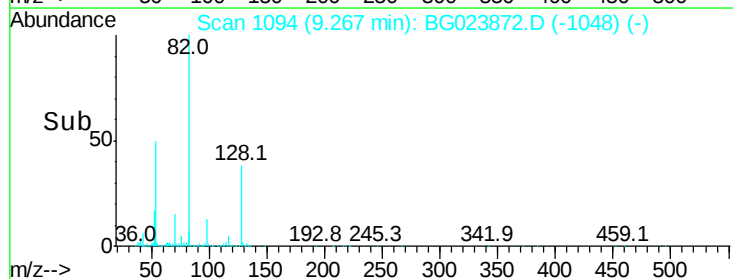
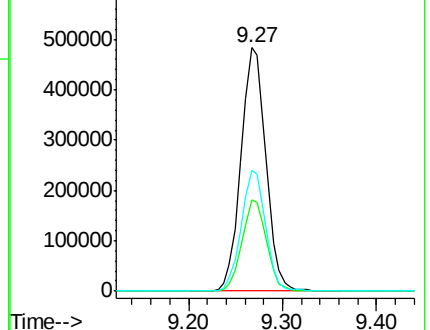
54 49.8 41.4 62.0

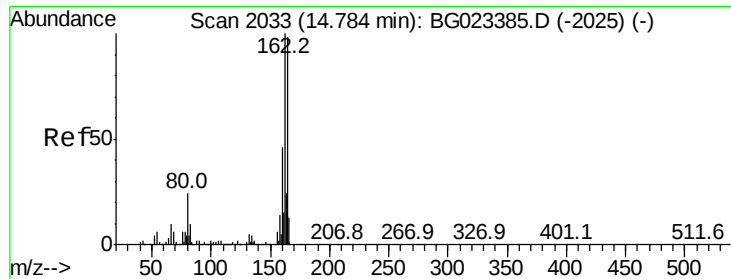


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.77 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BG023872.D

Acq: 24 Aug 2016 3:00

Instrument :

BNA_G

ClientSampleId :

SB-17A-GW

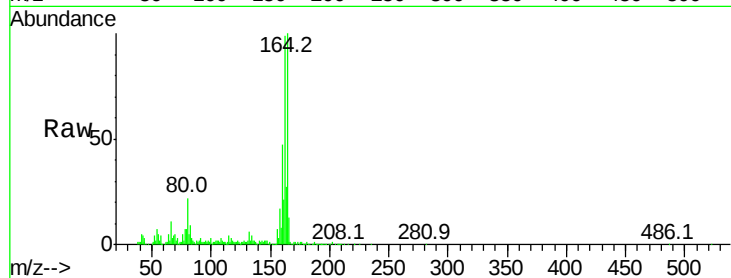
Tot Ion:164 Resp: 283160

Ion Ratio Lower Upper

164 100

162 99.2 87.7 131.5

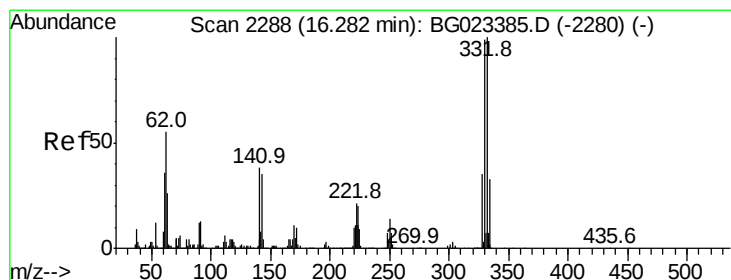
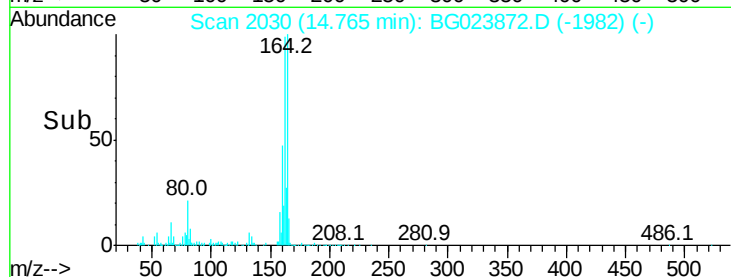
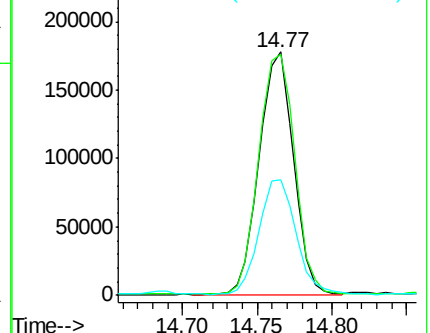
160 47.2 37.2 55.8



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: 121.29 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BG023872.D

Acq: 24 Aug 2016 3:00

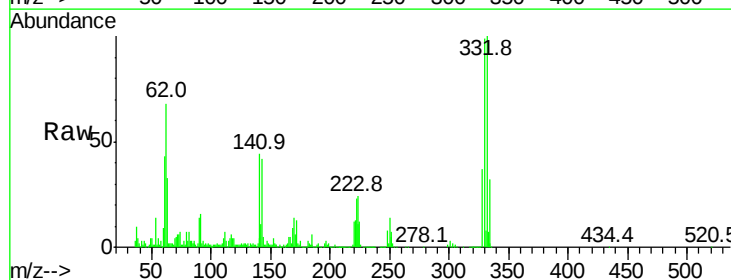
Tgt Ion:330 Resp: 502368

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

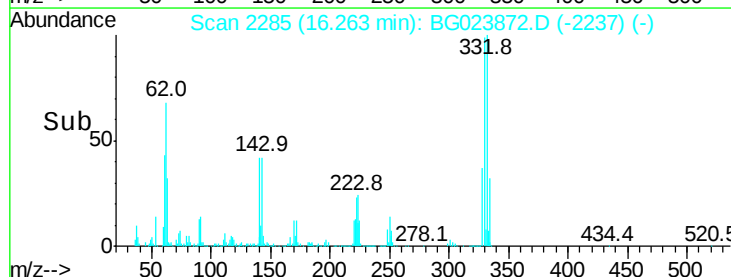
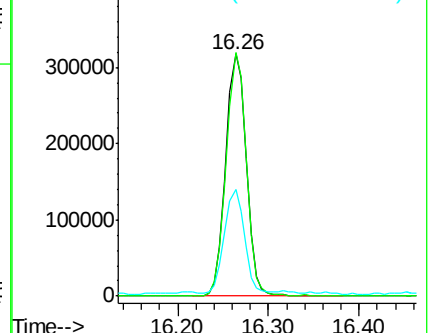
141 42.1 31.7 47.5

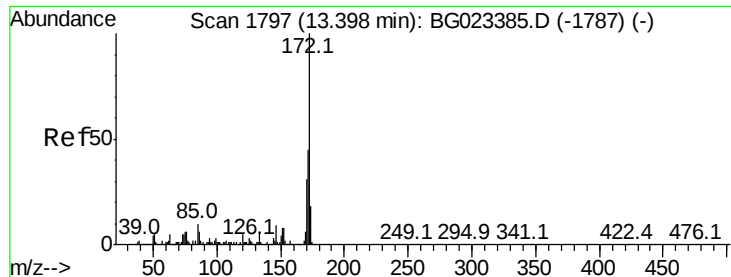


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

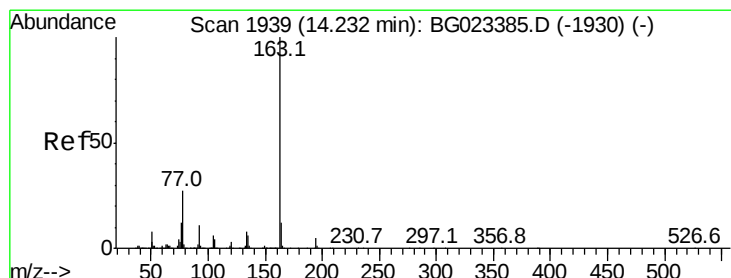
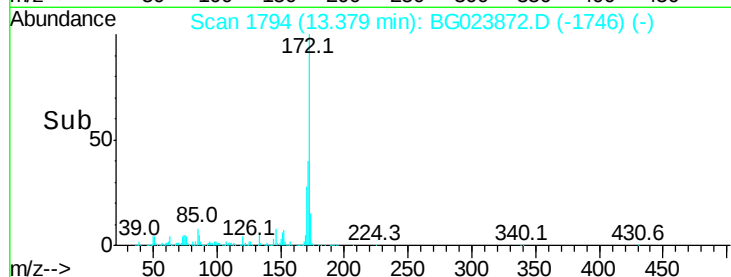
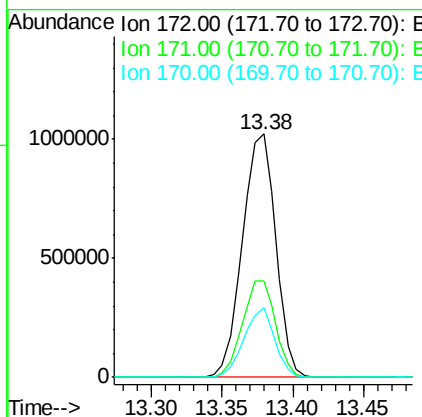
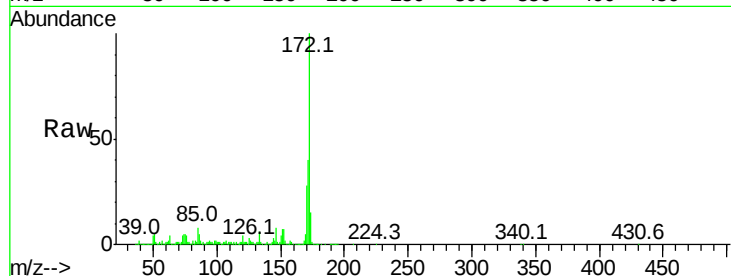




#44
2-Fluorobiphenyl
Concen: 101.12 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023872.D
Acq: 24 Aug 2016 3:00

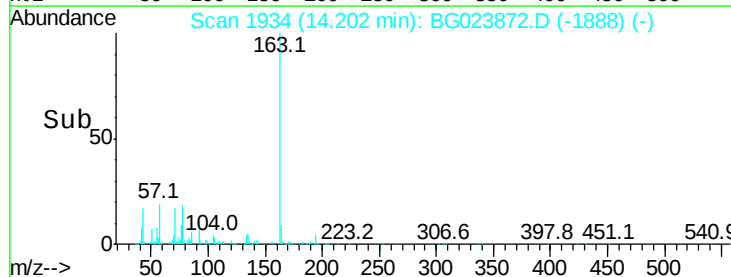
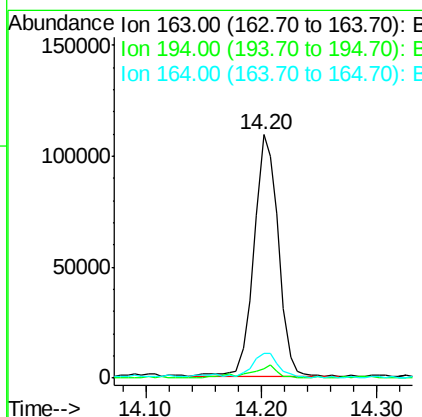
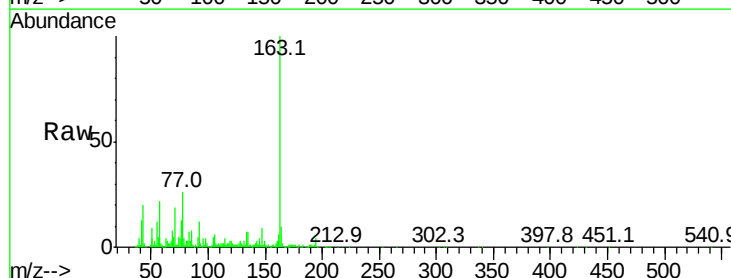
Instrument :
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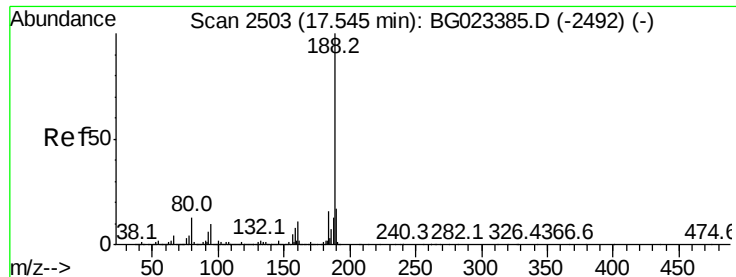
Tot Ion:172 Resp: 1697554
Ion Ratio Lower Upper
172 100
171 39.8 31.6 47.4
170 28.4 21.3 31.9



#49
Dimethylphthalate
Concen: 7.39 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.03 min
Lab File: BG023872.D
Acq: 24 Aug 2016 3:00

Tgt Ion:163 Resp: 160486
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 9.9 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023872.D

Acq: 24 Aug 2016 3:00

Instrument :

BNA_G

ClientSampleId :

SB-17A-GW

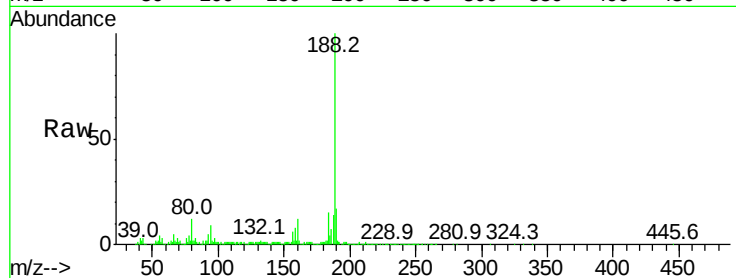
Tot Ion:188 Resp: 640109

Ion Ratio Lower Upper

188 100

94 9.0 5.2 7.8#

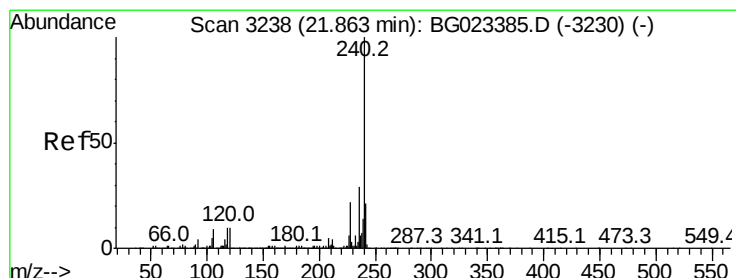
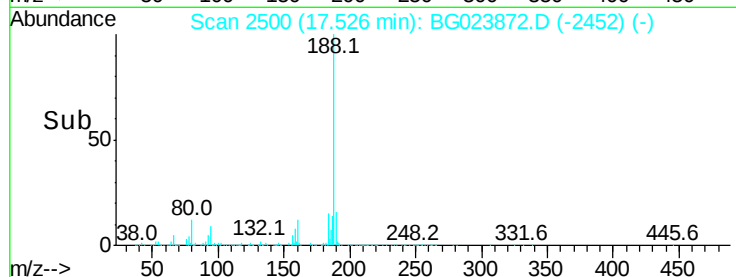
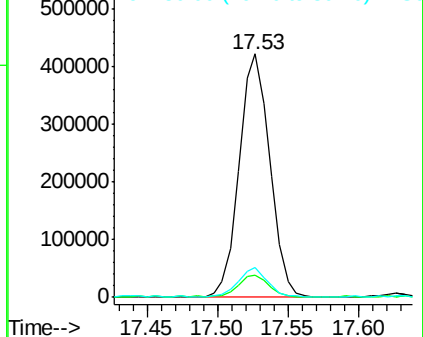
80 12.2 7.2 10.8#



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: 21.84 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG023872.D

Acq: 24 Aug 2016 3:00

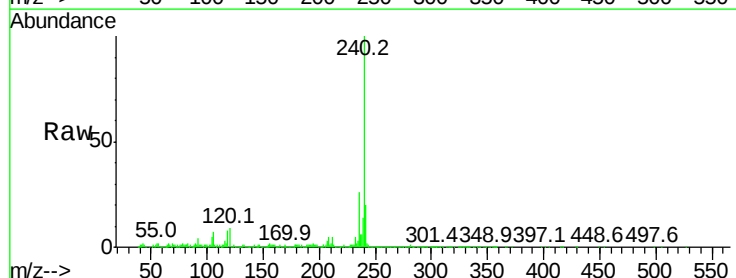
Tgt Ion:240 Resp: 667600

Ion Ratio Lower Upper

240 100

120 8.6 4.1 6.1#

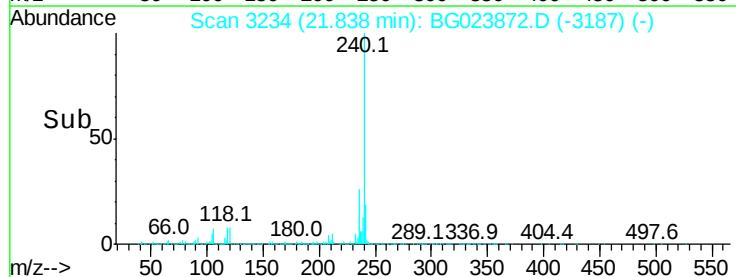
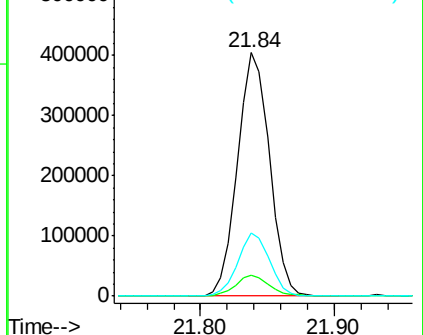
236 25.7 21.1 31.7

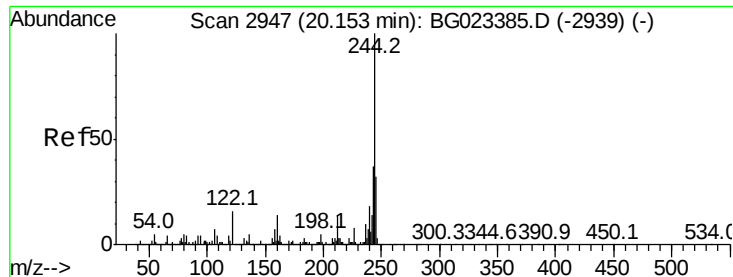


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.10 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023872.D

Acq: 24 Aug 2016 3:00

Instrument :

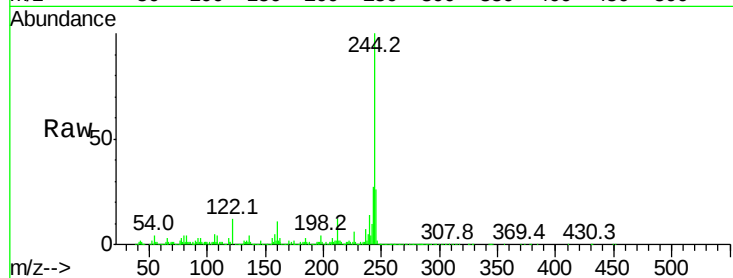
BNA_G

ClientSampleId :

SB-17A-GW

Tot Ion:244 Resp: 2145517

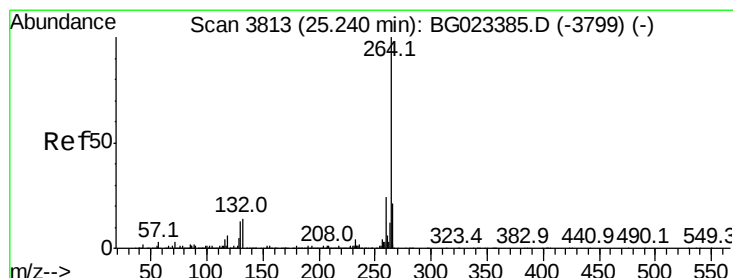
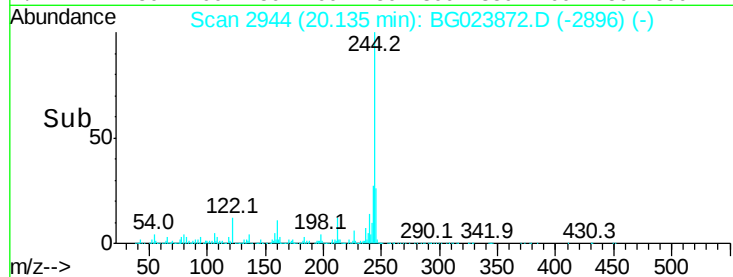
Ion	Ratio	Lower	Upper
244	100		
212	11.9	10.8	16.2
122	11.9	8.0	12.0



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: 25.22 min Scan# 3809

Delta R.T. -0.02 min

Lab File: BG023872.D

Acq: 24 Aug 2016 3:00

Tgt Ion:264 Resp: 672587

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	21.3	18.9	28.3

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

