

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023430.D
 Acq On : 3 Aug 2016 18:03
 Operator : UM/SJ
 Sample : H4287-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-61-19.0-20.0

Quant Time: Aug 04 03:31:56 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

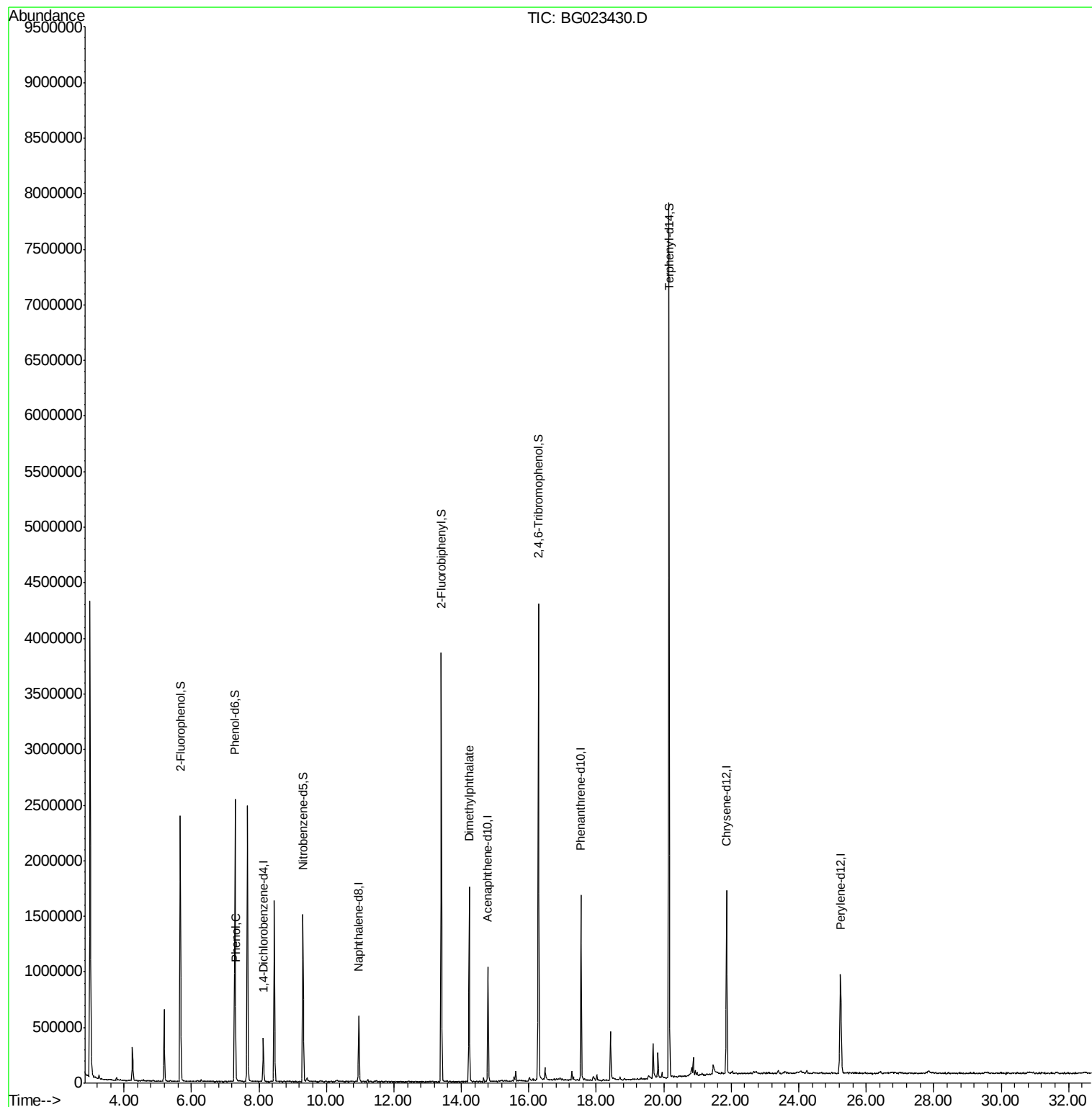
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	111676	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	483314	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	357817	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	970106	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1030683	20.00	ng	0.00
86) Perylene-d12	25.25	264	986930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1052701	158.67	ng	0.00
7) Phenol-d6	7.29	99	1540860	149.11	ng	0.01
23) Nitrobenzene-d5	9.31	82	981067	100.92	ng	0.01
41) 2,4,6-Tribromophenol	16.29	330	810483	154.86	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1933289	91.13	ng	0.00
78) Terphenyl-d14	20.16	244	2845067	86.79	ng	0.00
Target Compounds						
10) Phenol	7.31	94	25311	2.29	ng	Qvalue # 77
49) Dimethylphthalate	14.23	163	1107035	40.32	ng	97

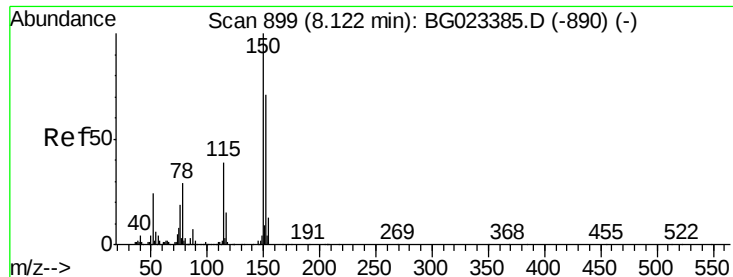
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG023430.D

Acq: 3 Aug 2016 18:03

Instrument :

BNA_G

ClientSampleId :

SB-61-19.0-20.0

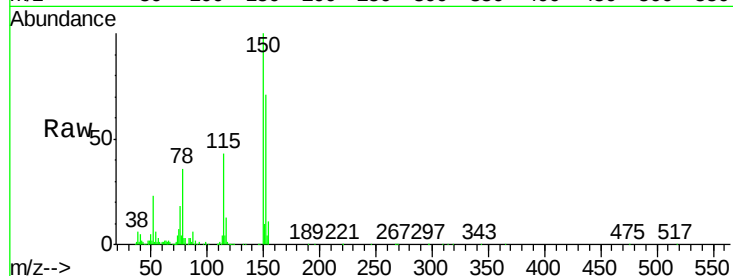
Tot Ion:152 Resp: 111676

Ion Ratio Lower Upper

152 100

150 140.8 144.7 217.1#

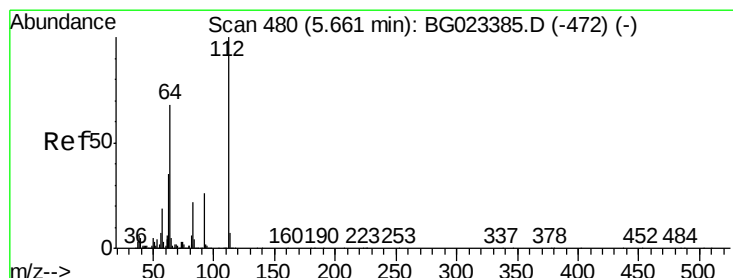
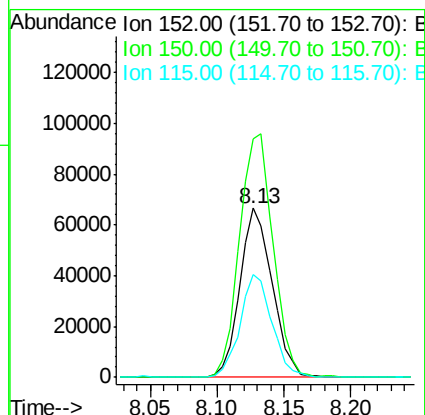
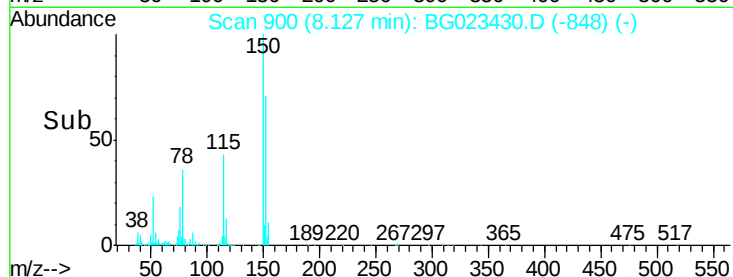
115 60.6 64.0 96.0#



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: 158.67 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.01 min

Lab File: BG023430.D

Acq: 3 Aug 2016 18:03

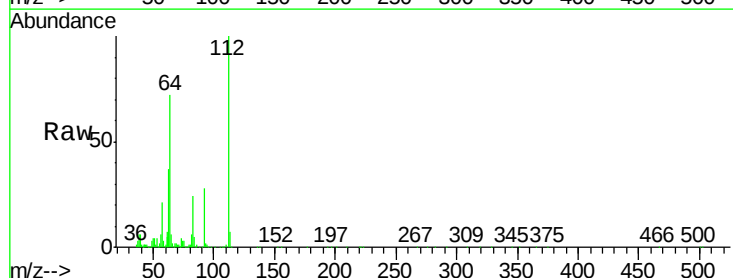
Tgt Ion:112 Resp: 1052701

Ion Ratio Lower Upper

112 100

64 72.3 59.0 88.4

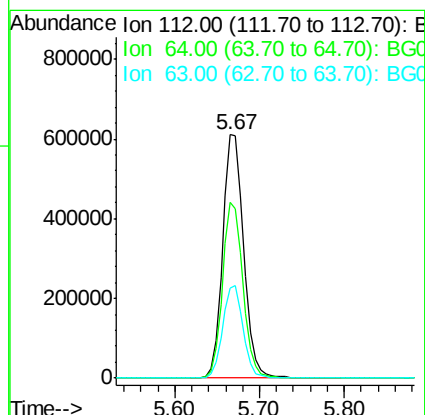
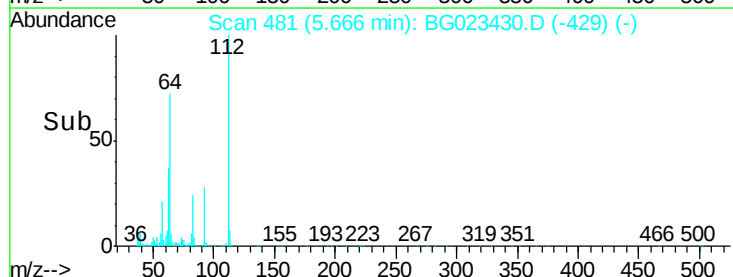
63 36.8 37.8 56.8#

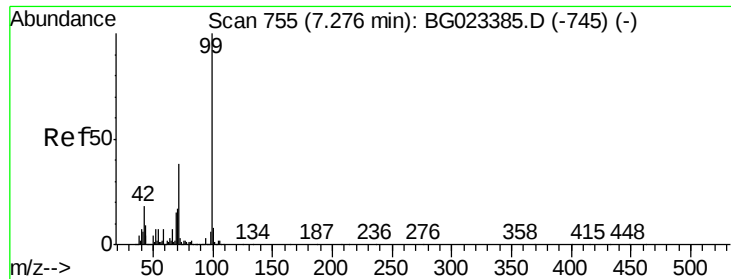


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 149.11 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG023430.D

Acq: 3 Aug 2016 18:03

Instrument :

BNA_G

ClientSampleId :

SB-61-19.0-20.0

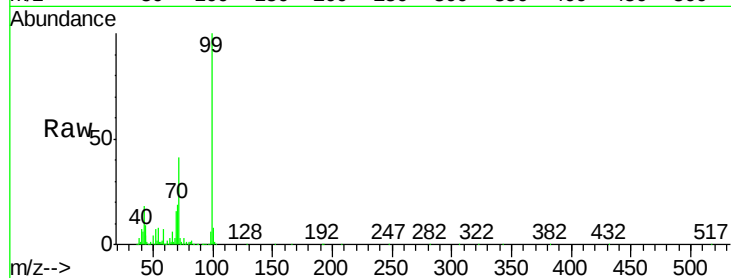
Tot Ion: 99 Resp: 1540860

Ion	Ratio	Lower	Upper
99	100		
42	18.3	17.8	26.6
71	41.0	41.5	62.3

99 100

42 18.3 17.8 26.6

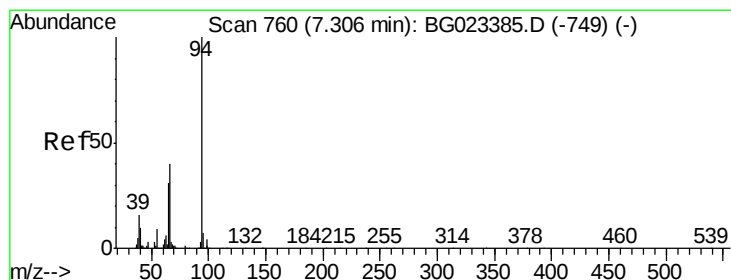
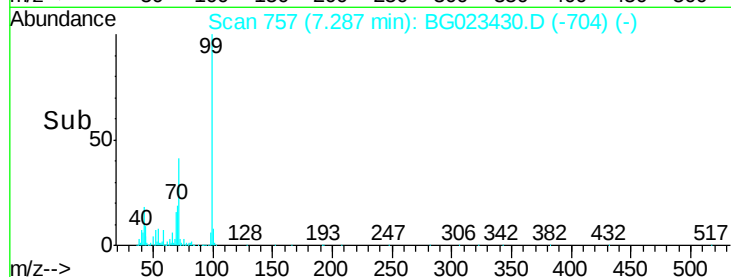
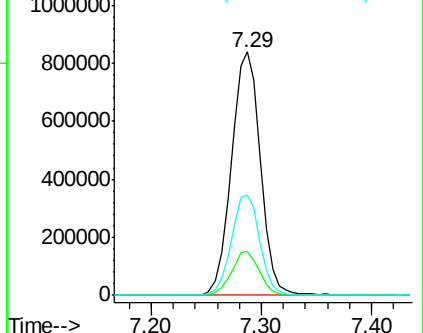
71 41.0 41.5 62.3



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



#10

Phenol

Concen: 2.29 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023430.D

Acq: 3 Aug 2016 18:03

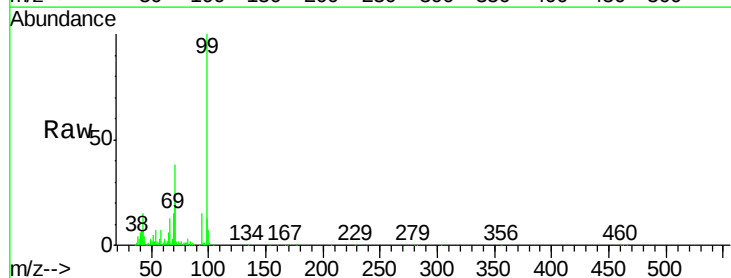
Tgt Ion: 94 Resp: 25311

Ion	Ratio	Lower	Upper
94	100		
65	42.3	18.1	58.1
66	87.0	42.1	82.1

94 100

65 42.3 18.1 58.1

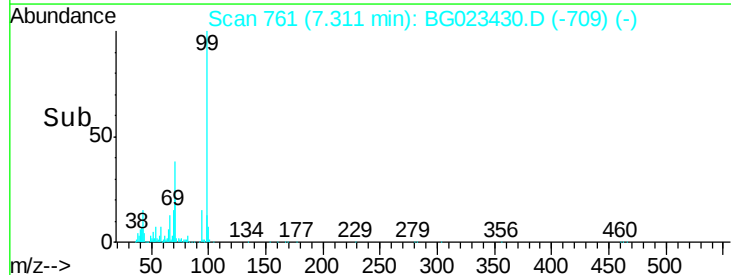
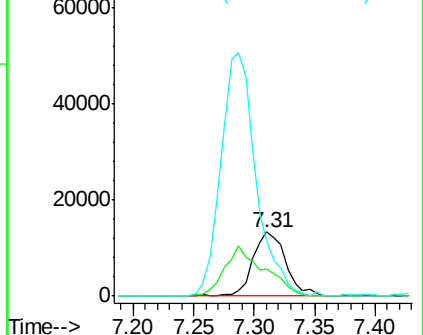
66 87.0 42.1 82.1

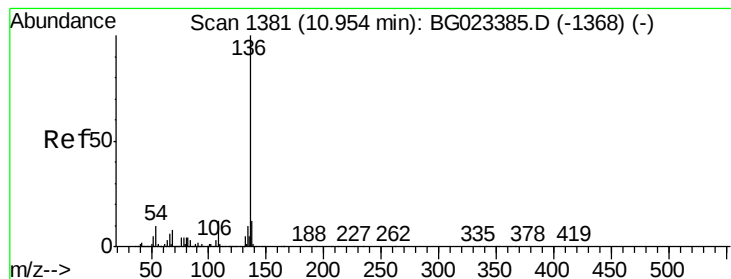


Abundance Ion 94.00 (93.70 to 94.70): BGC

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: 10.96 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG023430.D

Acq: 3 Aug 2016 18:03

Instrument :

BNA_G

ClientSampleId :

SB-61-19.0-20.0

Tot Ion:136 Resp: 483314

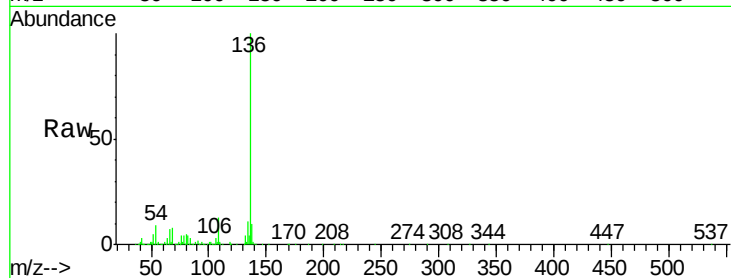
Ion Ratio Lower Upper

136 100

137 9.8 9.6 14.4

54 8.8 7.3 10.9

68 7.8 5.3 7.9

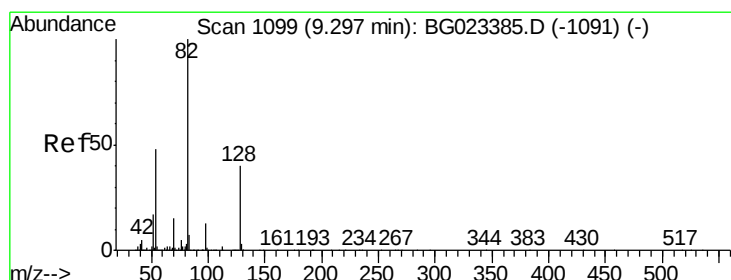
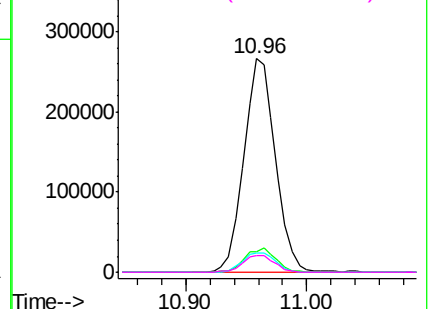
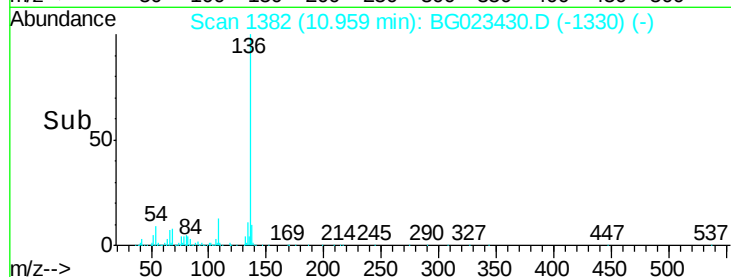


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.92 ng

RT: 9.31 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BG023430.D

Acq: 3 Aug 2016 18:03

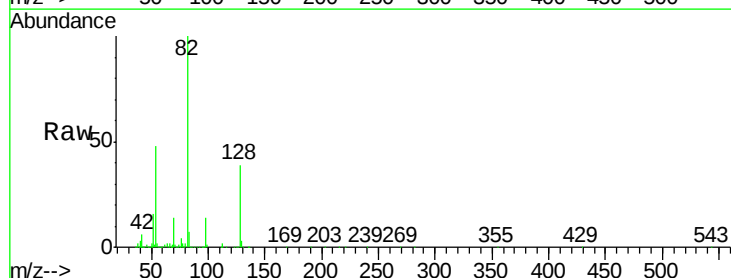
Tgt Ion: 82 Resp: 981067

Ion Ratio Lower Upper

82 100

128 39.2 24.4 36.6#

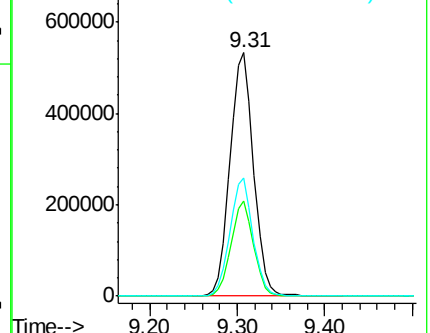
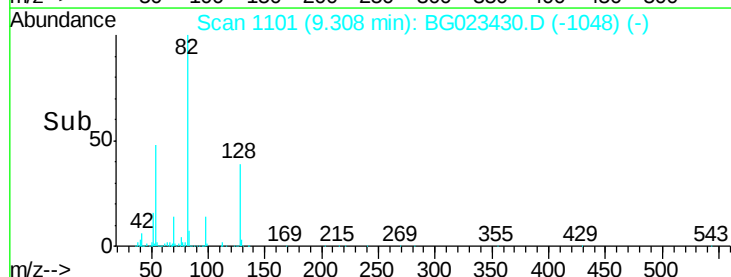
54 48.4 41.4 62.0

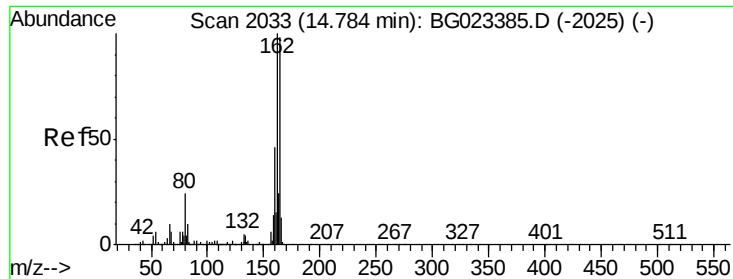


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

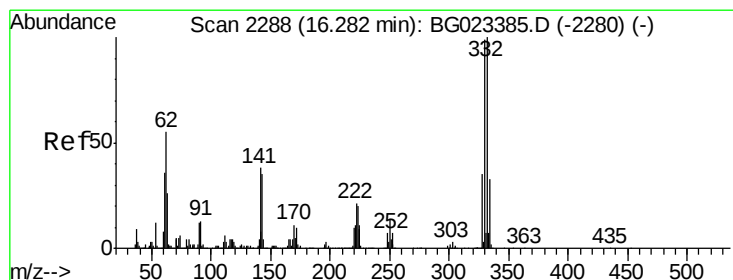
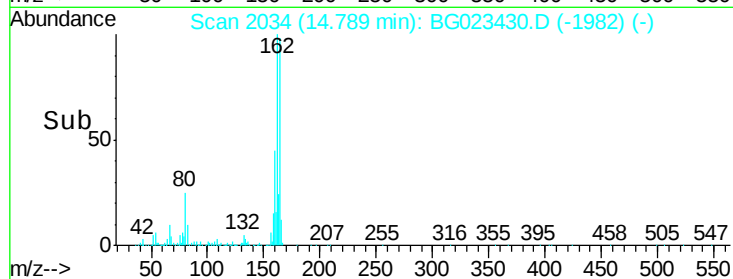
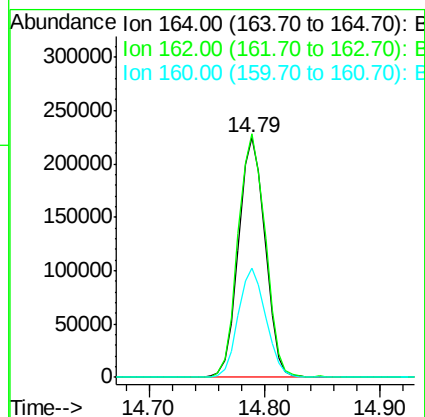
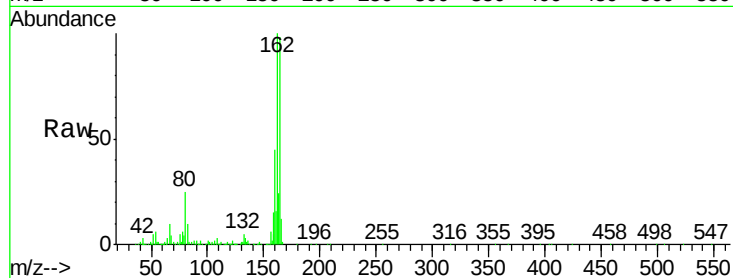




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG023430.D
Acq: 3 Aug 2016 18:03

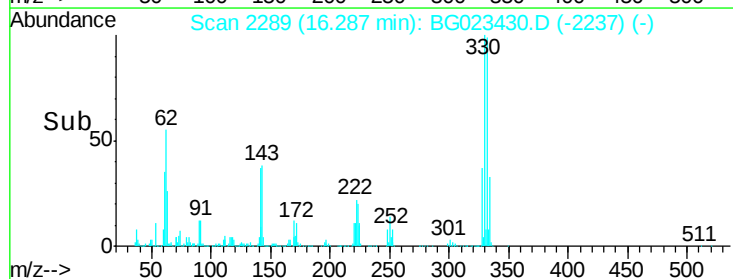
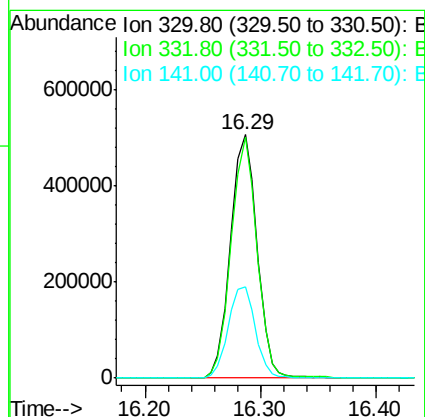
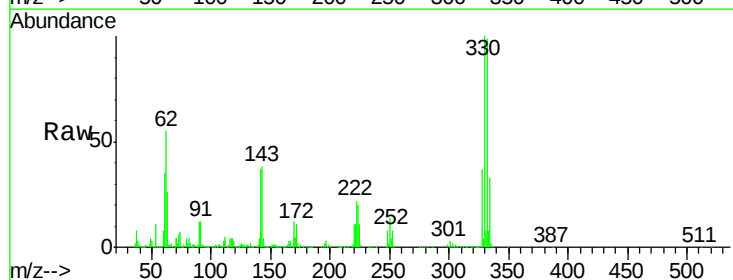
Instrument :
BNA_G
ClientSampleId :
SB-61-19.0-20.0

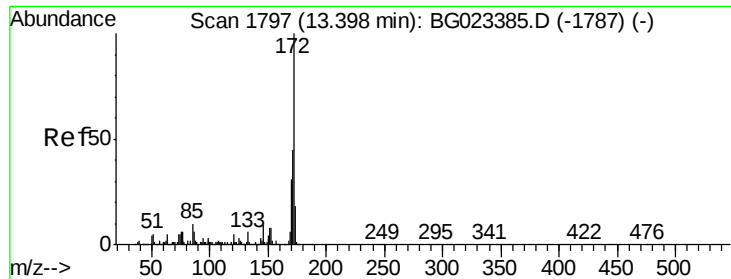
Tot Ion:164 Resp: 357817
Ion Ratio Lower Upper
164 100
162 101.8 87.7 131.5
160 45.4 37.2 55.8



#41
2,4,6-Tribromophenol
Concen: 154.86 ng
RT: 16.29 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG023430.D
Acq: 3 Aug 2016 18:03

Tgt Ion:330 Resp: 810483
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 38.4 31.7 47.5

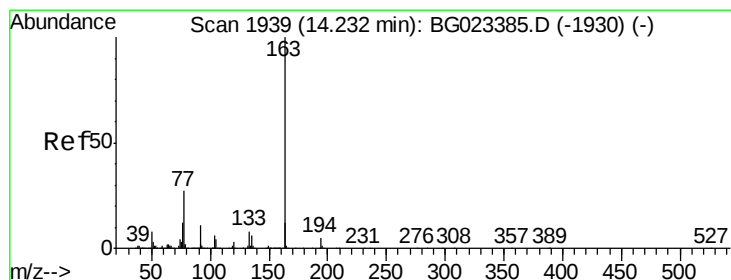
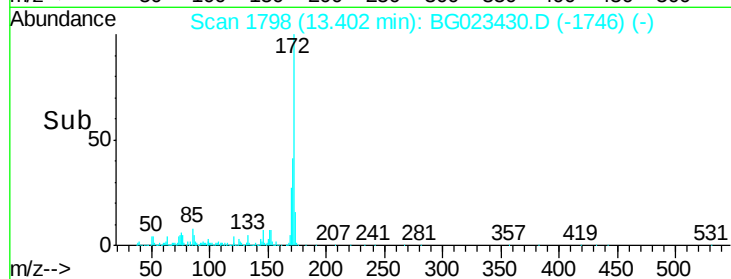
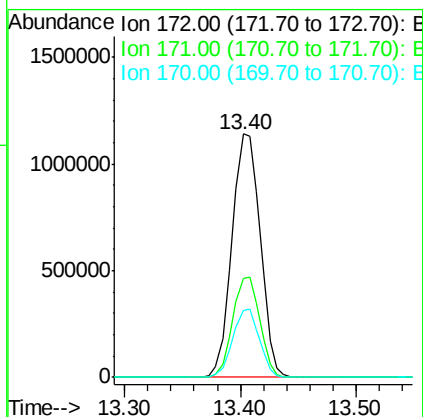
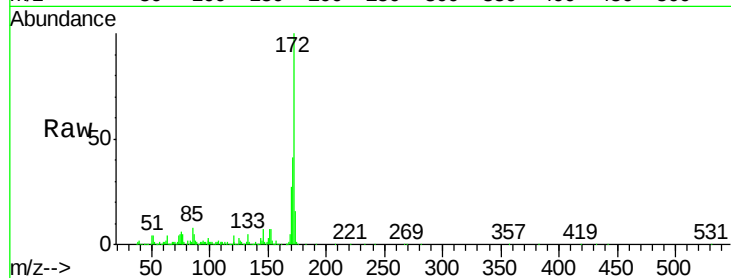




#44
2-Fluorobiphenyl
Concen: 91.13 ng
RT: 13.40 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG023430.D
Acq: 3 Aug 2016 18:03

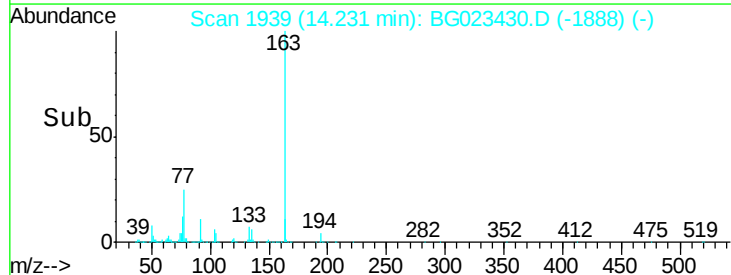
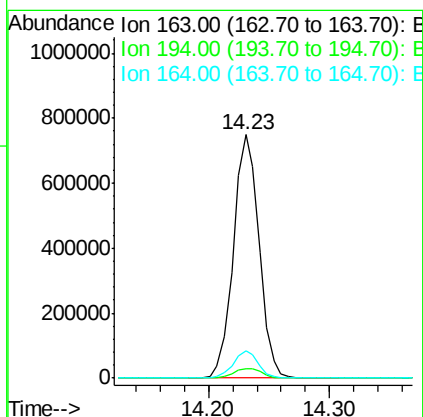
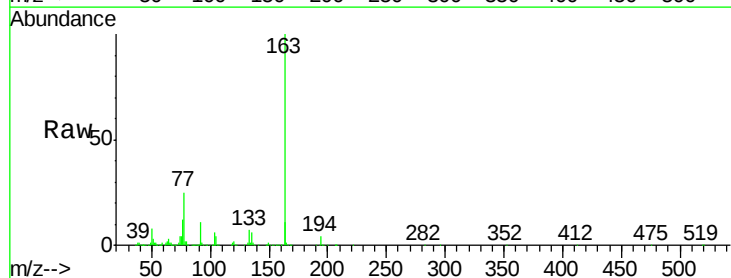
Instrument :
BNA_G
ClientSampleId :
SB-61-19.0-20.0

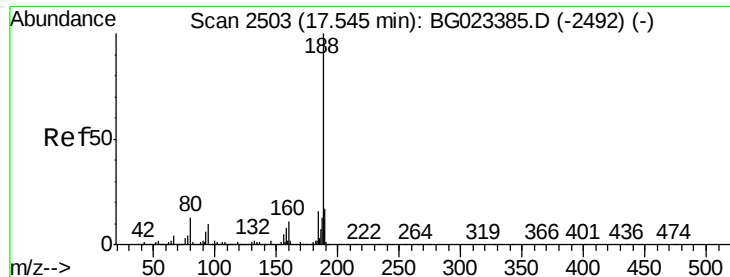
Tot Ion:172 Resp: 1933289
Ion Ratio Lower Upper
172 100
171 40.9 31.6 47.4
170 27.4 21.3 31.9



#49
Dimethylphthalate
Concen: 40.32 ng
RT: 14.23 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG023430.D
Acq: 3 Aug 2016 18:03

Tgt Ion:163 Resp: 1107035
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 11.4 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG023430.D

Acq: 3 Aug 2016 18:03

Instrument :

BNA_G

ClientSampleId :

SB-61-19.0-20.0

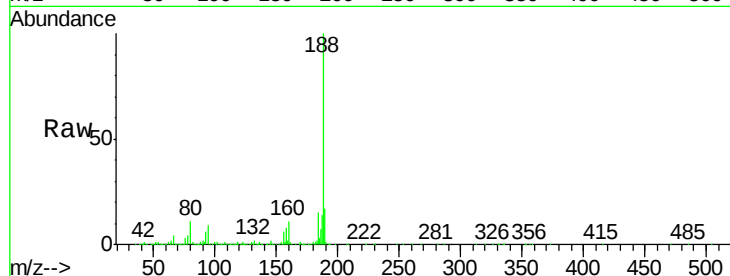
Tot Ion:188 Resp: 970106

Ion Ratio Lower Upper

188 100

94 9.0 5.2 7.8#

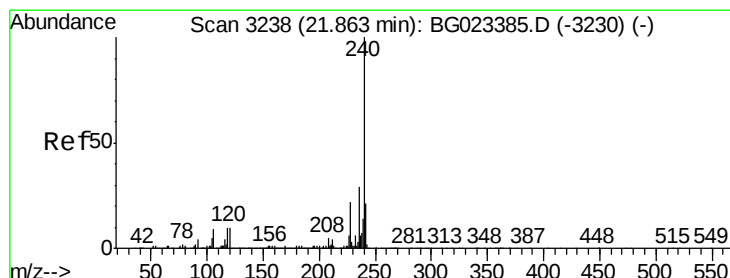
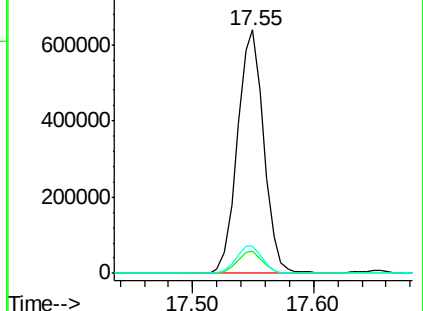
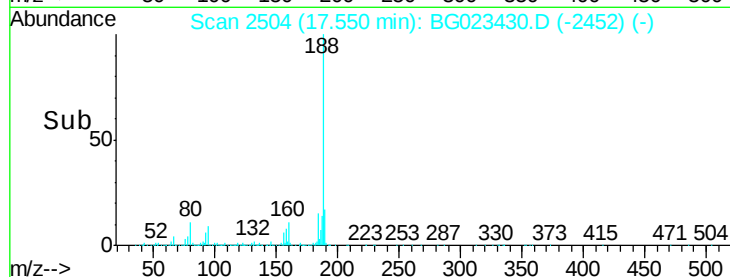
80 11.4 7.2 10.8#



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: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG023430.D

Acq: 3 Aug 2016 18:03

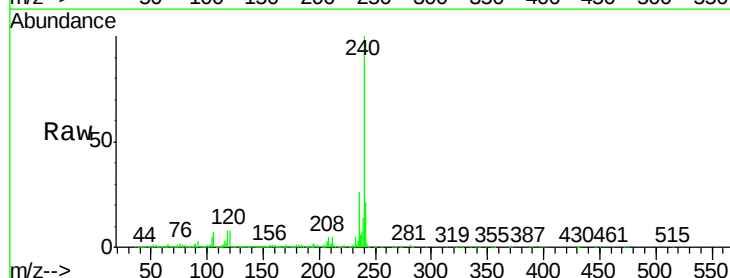
Tgt Ion:240 Resp: 1030683

Ion Ratio Lower Upper

240 100

120 8.4 4.1 6.1#

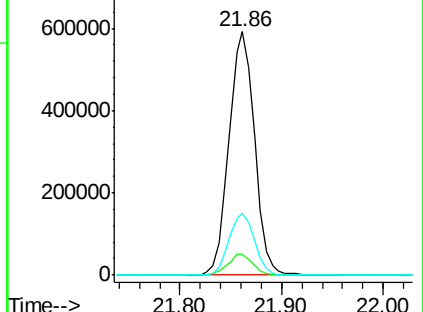
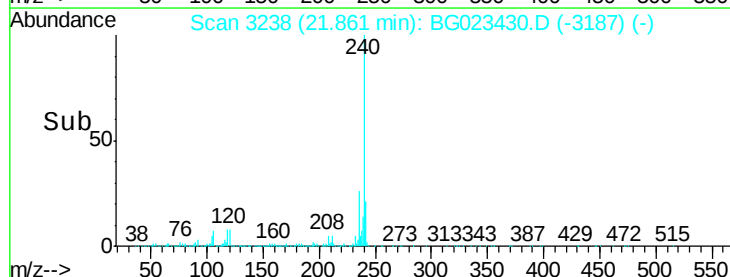
236 25.6 21.1 31.7

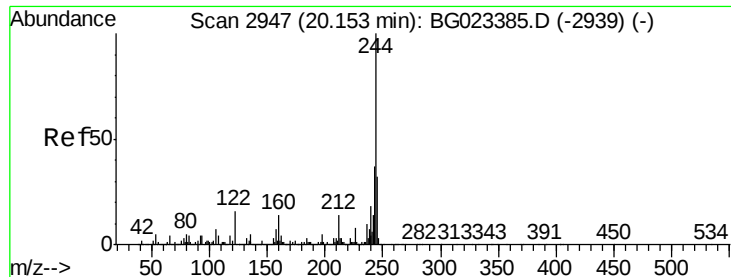


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.79 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023430.D

Acq: 3 Aug 2016 18:03

Instrument :

BNA_G

ClientSampleId :

SB-61-19.0-20.0

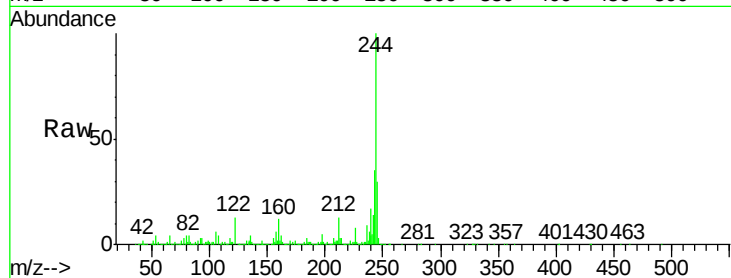
Tot Ion:244 Resp: 2845067

Ion Ratio Lower Upper

244 100

212 13.0 10.8 16.2

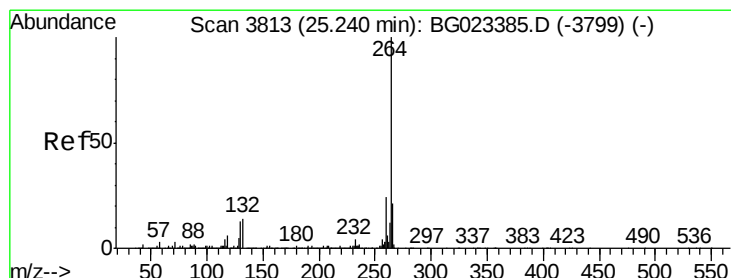
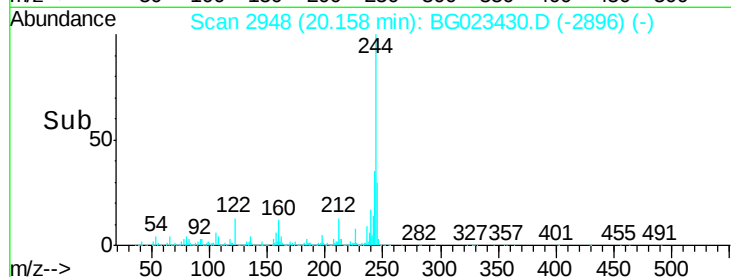
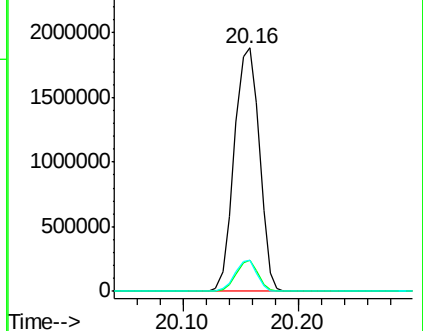
122 12.7 8.0 12.0#



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: 25.25 min Scan# 3814

Delta R.T. 0.00 min

Lab File: BG023430.D

Acq: 3 Aug 2016 18:03

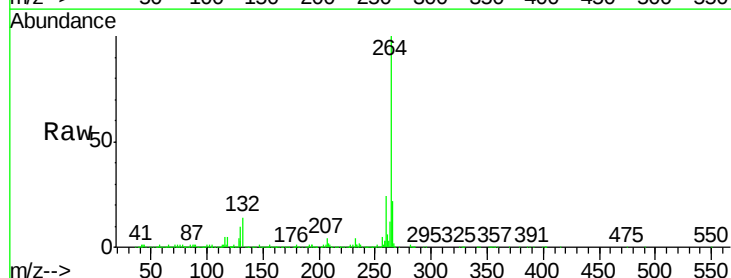
Tgt Ion:264 Resp: 986930

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 22.0 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

