

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023133.D
 Acq On : 16 Jul 2016 5:36
 Operator : UM/SJ
 Sample : H4016-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5-16

Quant Time: Jul 16 06:35:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

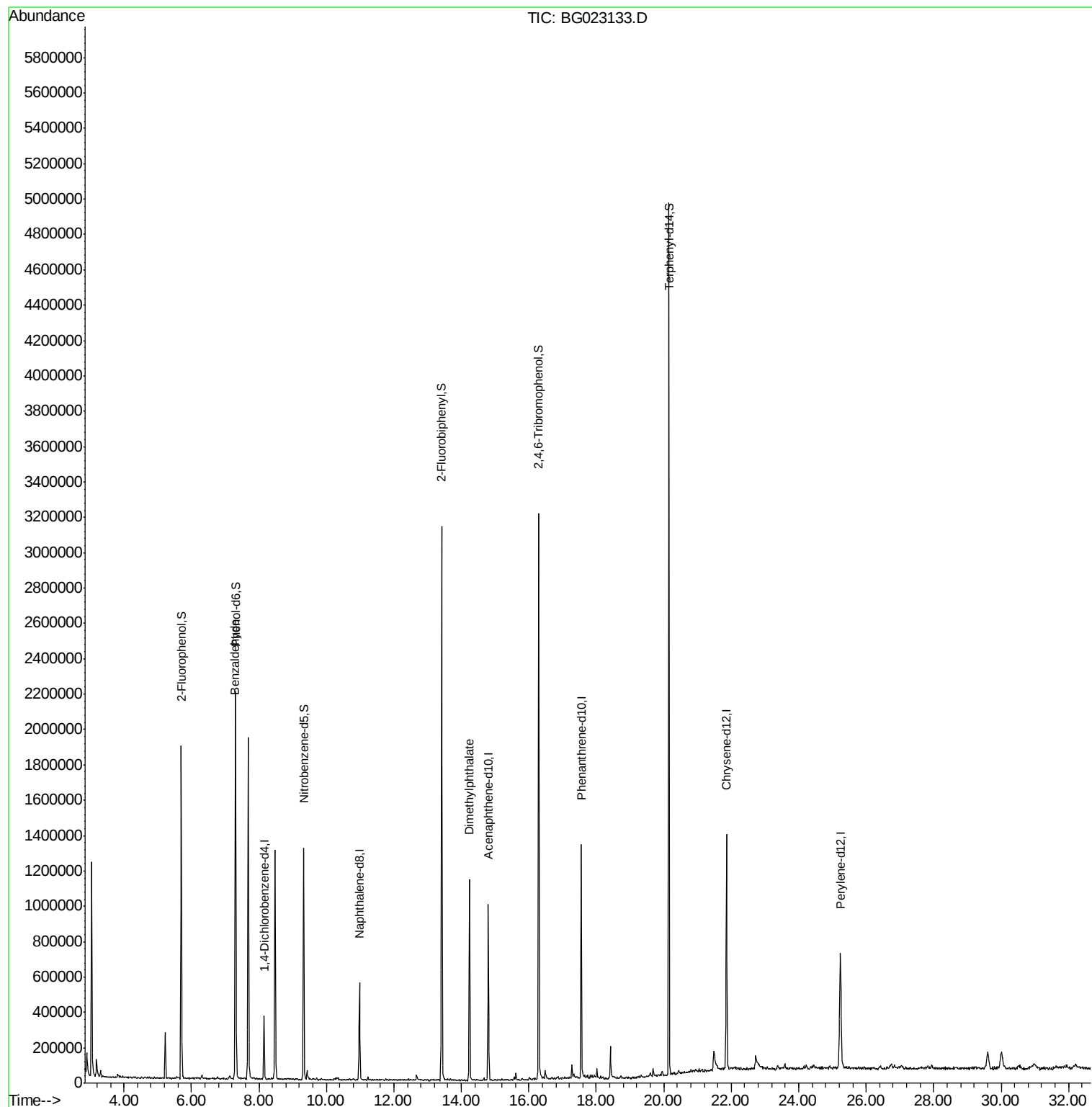
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	90864	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	434817	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	339795	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	777943	20.00	ng	0.00
75) Chrysene-d12	21.85	240	836910	20.00	ng	0.00
86) Perylene-d12	25.24	264	818835	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	721699	129.90	ng	0.00
7) Phenol-d6	7.31	99	1176555	135.21	ng	0.00
23) Nitrobenzene-d5	9.33	82	860590	84.75	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	569959	93.33	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1495906	69.34	ng	0.00
78) Terphenyl-d14	20.15	244	1922339	67.21	ng	0.00
Target Compounds						
9) Benzaldehyde	7.29	77	24137	4.15	ng	Qvalue # 71
49) Dimethylphthalate	14.24	163	683220	24.61	ng	100

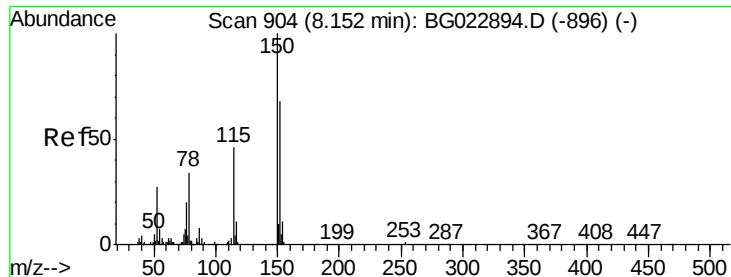
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023133.D
Acq On : 16 Jul 2016 5:36
Operator : UM/SJ
Sample : H4016-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C5-16

Quant Time: Jul 16 06:35:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration



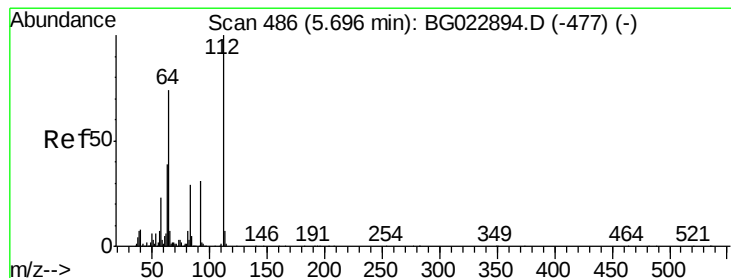
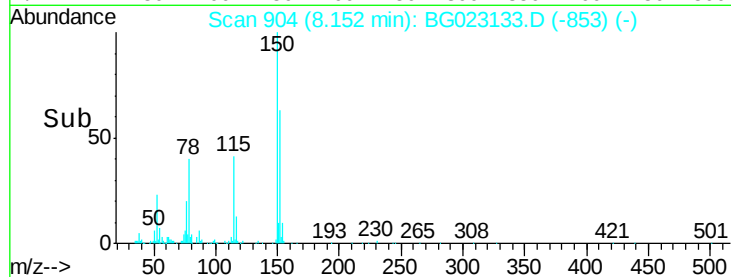
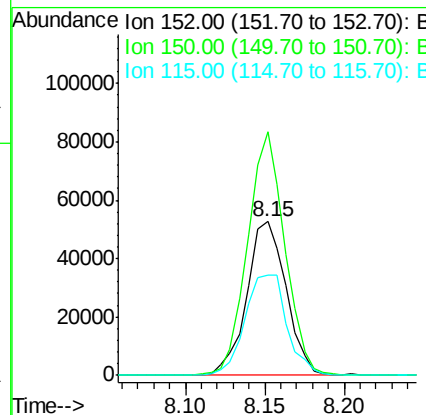
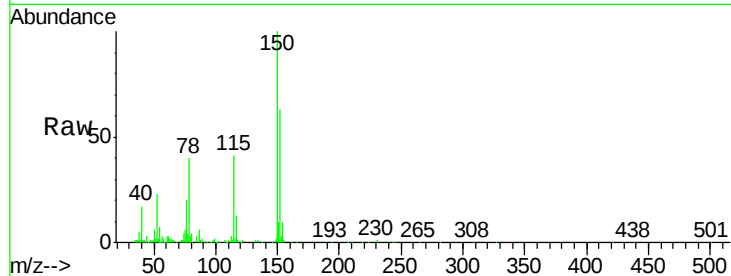


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023133.D
Acq: 16 Jul 2016 5:36

Instrument :
BNA_G
ClientSampleId :
C5-16

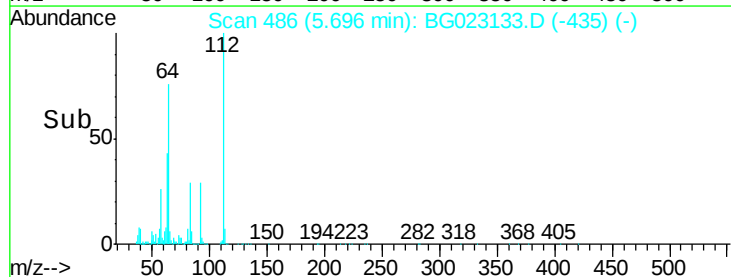
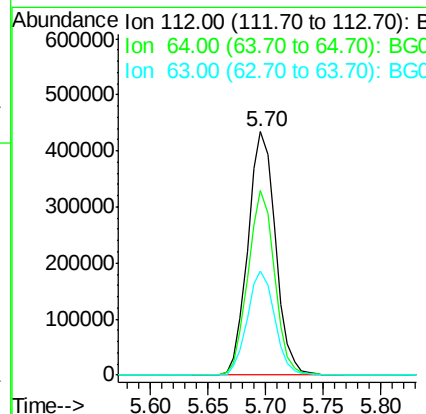
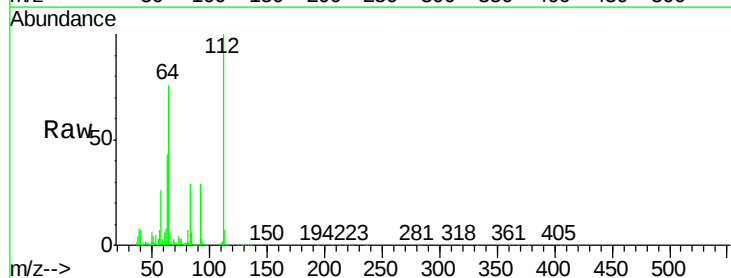
Tgt Ion:152 Resp: 90864
Ion Ratio Lower Upper
152 100
150 158.7 144.7 217.1
115 65.1 64.0 96.0

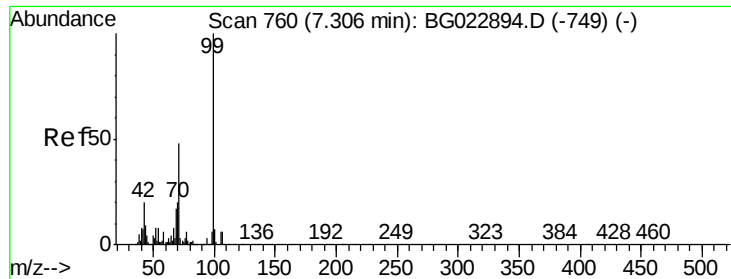


#5

2-Fluorophenol
Concen: 129.90 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG023133.D
Acq: 16 Jul 2016 5:36

Tgt Ion:112 Resp: 721699
Ion Ratio Lower Upper
112 100
64 75.6 59.0 88.4
63 42.7 37.8 56.8





#7

Phenol-d6

Concen: 135.21 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023133.D

Acq: 16 Jul 2016 5:36

Instrument :

BNA_G

ClientSampleId :

C5-16

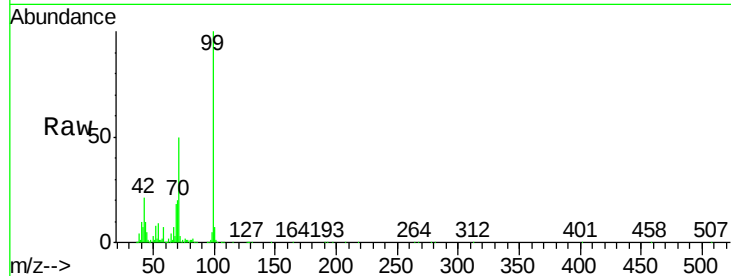
Tgt Ion: 99 Resp: 1176555

Ion Ratio Lower Upper

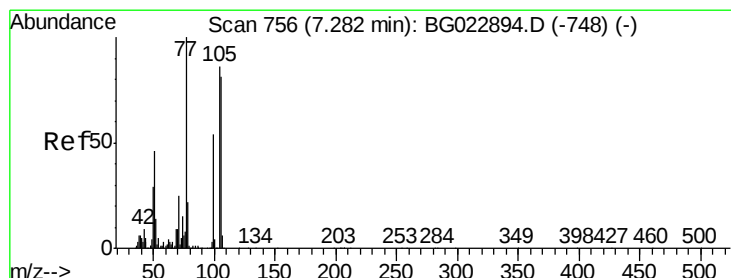
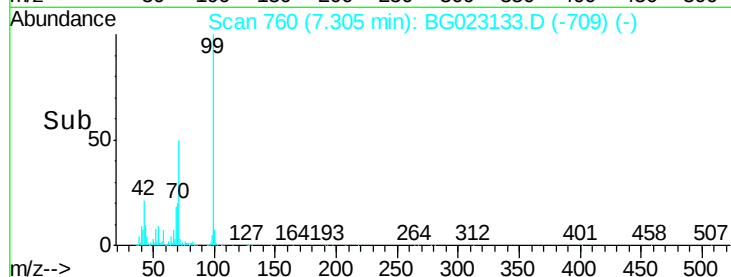
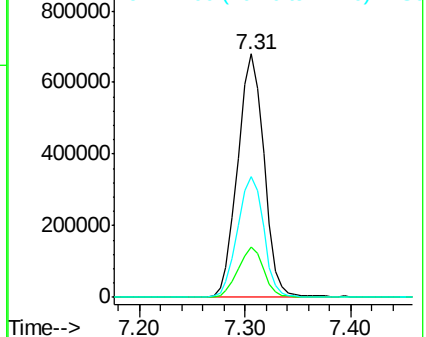
99 100

42 20.8 17.8 26.6

71 49.6 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



#9

Benzaldehyde

Concen: 4.15 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.01 min

Lab File: BG023133.D

Acq: 16 Jul 2016 5:36

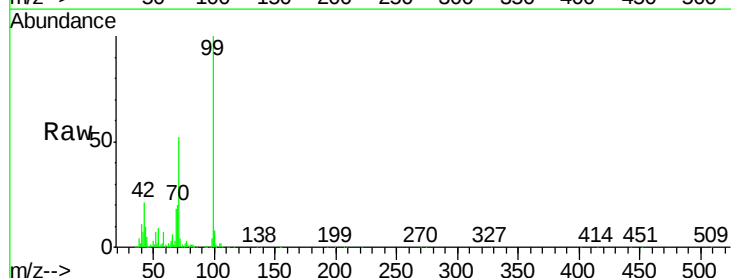
Tgt Ion: 77 Resp: 24137

Ion Ratio Lower Upper

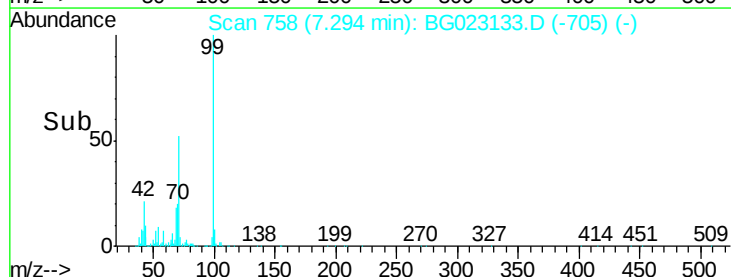
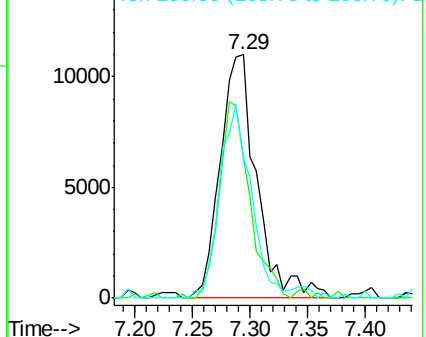
77 100

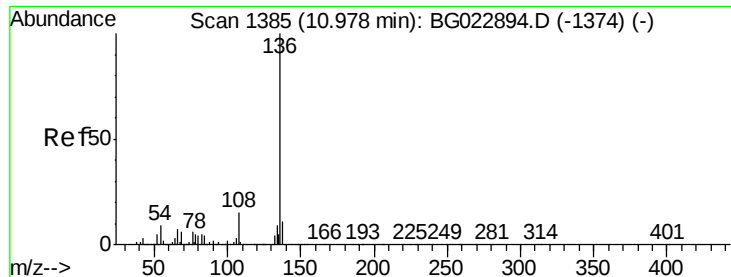
105 57.5 58.7 98.7#

106 57.2 67.5 107.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

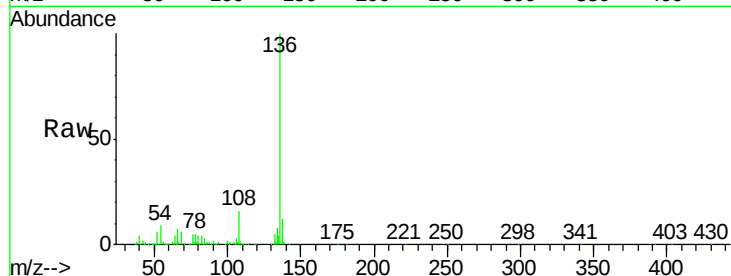




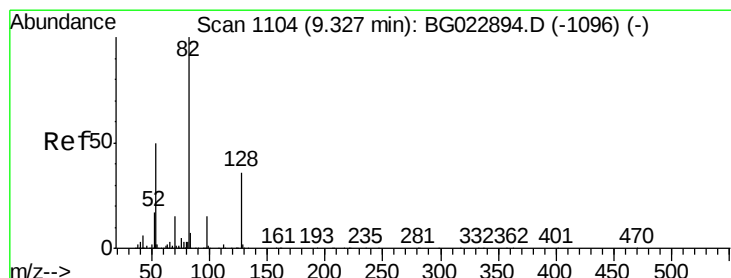
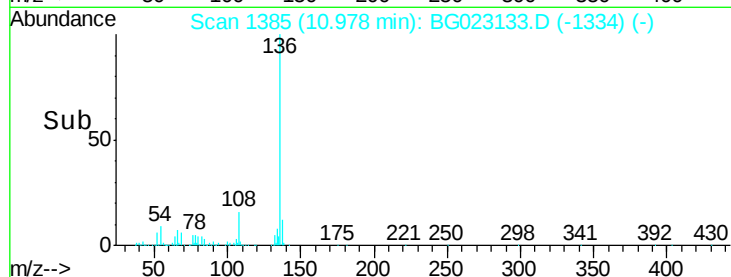
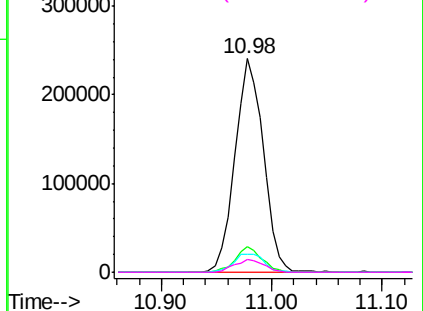
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023133.D
Acq: 16 Jul 2016 5:36

Instrument :
BNA_G
ClientSampleId :
C5-16

Tgt Ion:	136	Resp:	434817
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	8.5	7.3	10.9
68	6.1	5.3	7.9

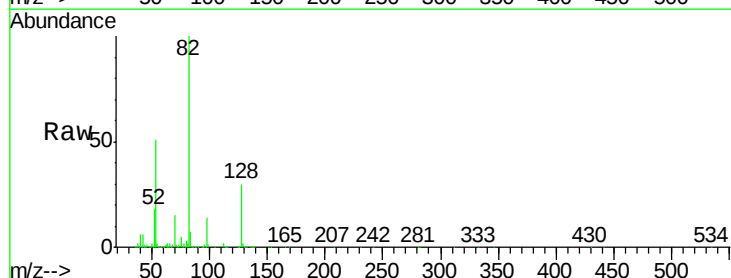


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

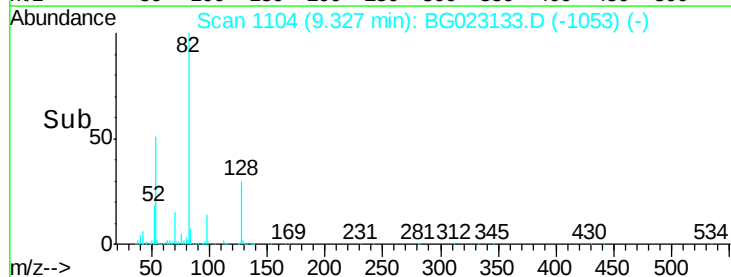
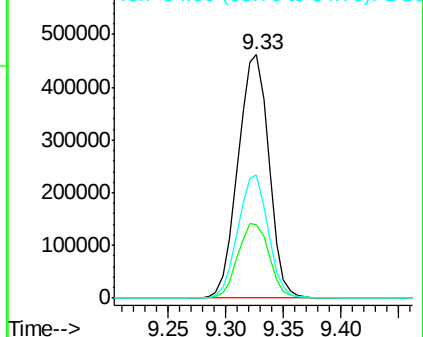


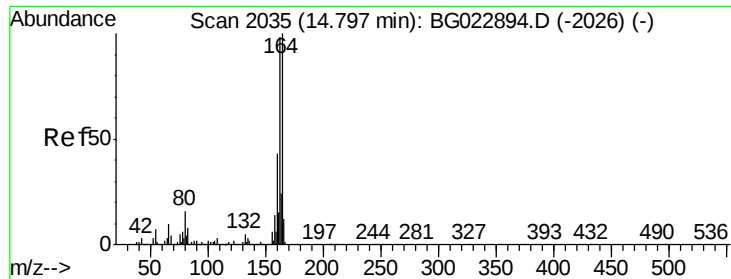
#23
Nitrobenzene-d5
Concen: 84.75 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023133.D
Acq: 16 Jul 2016 5:36

Tgt Ion:	82	Resp:	860590
Ion	Ratio	Lower	Upper
82	100		
128	30.1	24.4	36.6
54	50.6	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG023133.D

Acq: 16 Jul 2016 5:36

Instrument :

BNA_G

ClientSampleId :

C5-16

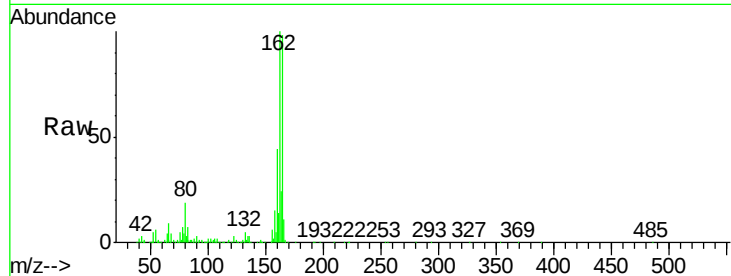
Tgt Ion:164 Resp: 339795

Ion Ratio Lower Upper

164 100

162 102.3 87.7 131.5

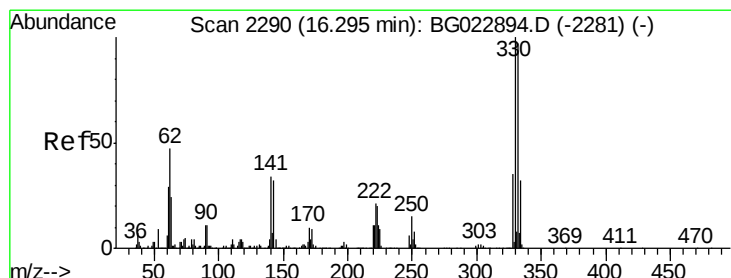
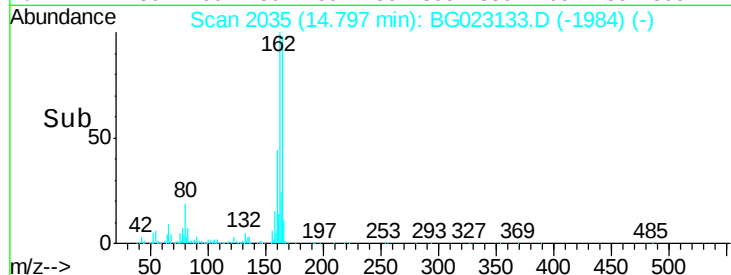
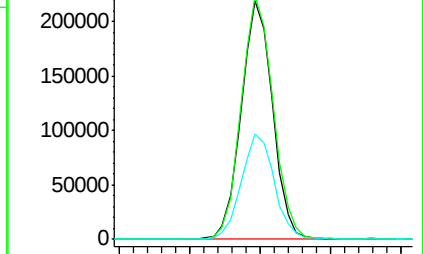
160 44.5 37.2 55.8



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: 93.33 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG023133.D

Acq: 16 Jul 2016 5:36

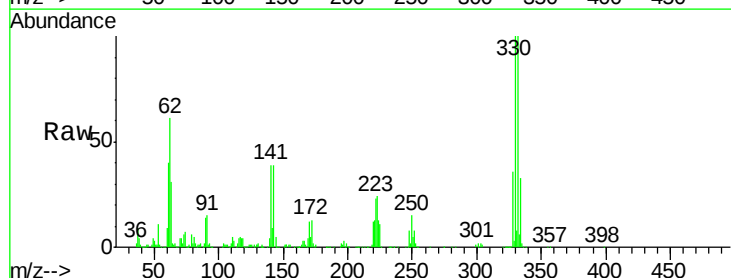
Tgt Ion:330 Resp: 569959

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

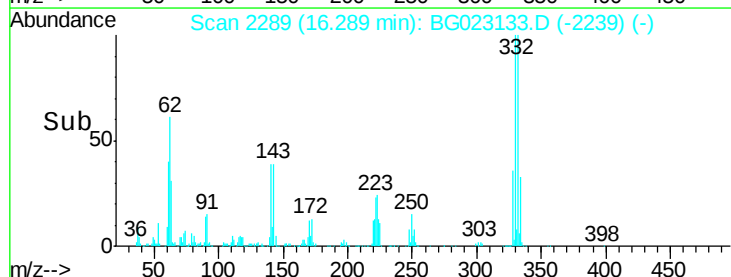
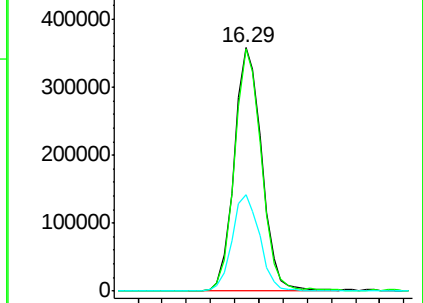
141 39.8 31.7 47.5

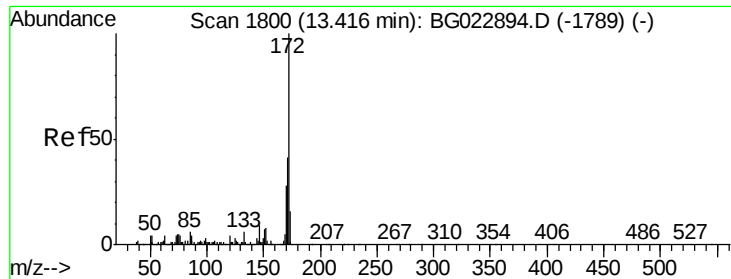


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

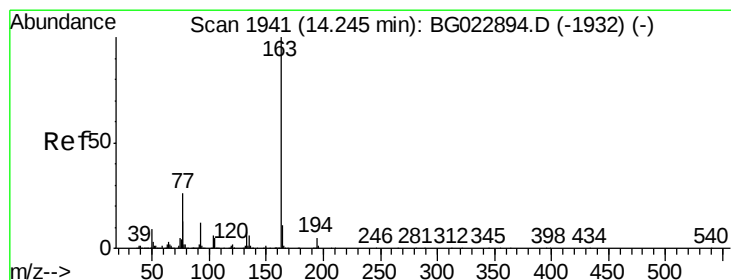
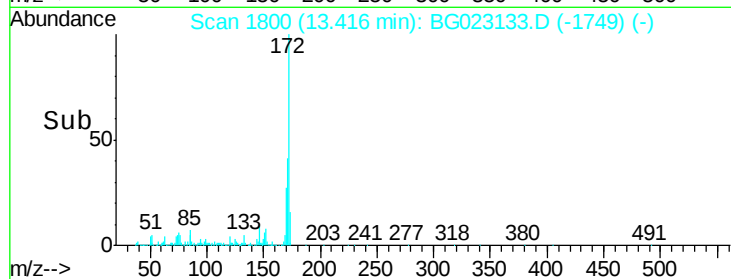
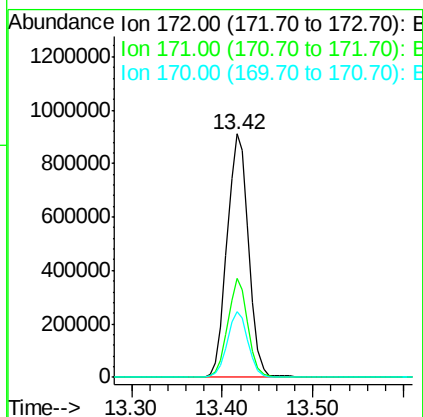
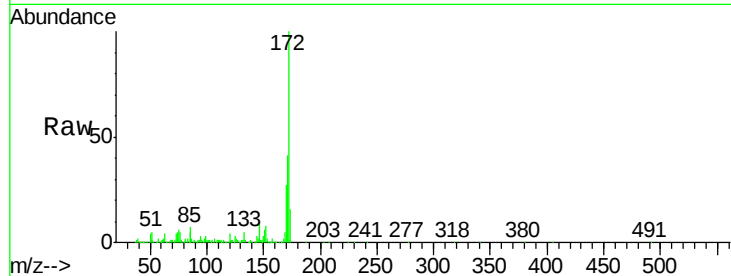




#44
2-Fluorobiphenyl
Concen: 69.34 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG023133.D
Acq: 16 Jul 2016 5:36

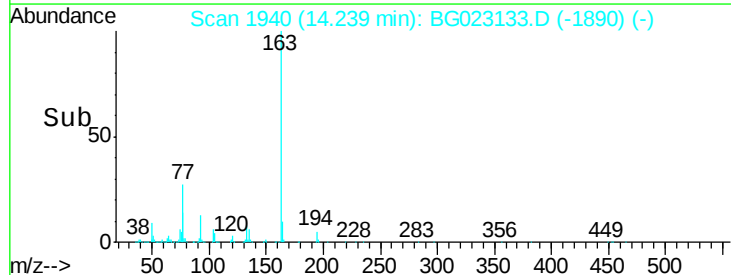
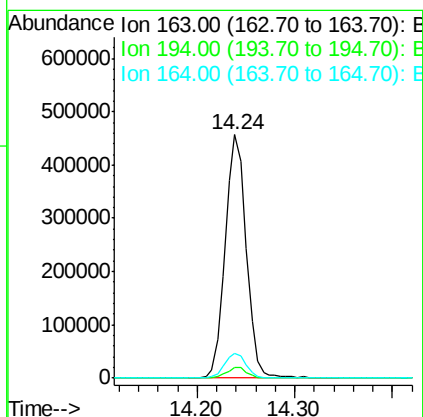
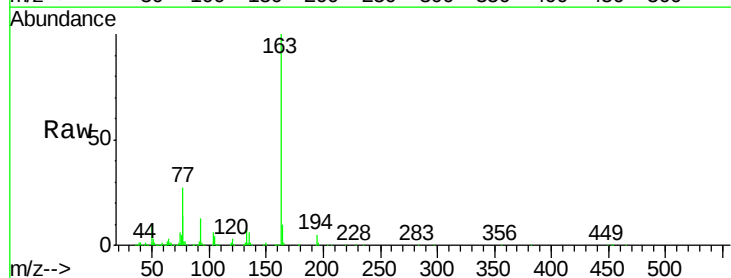
Instrument :
BNA_G
ClientSampleId :
C5-16

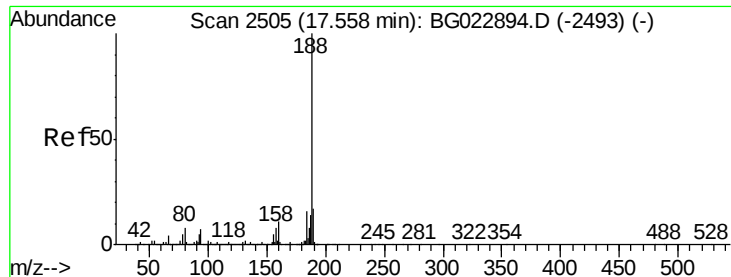
Tgt Ion:172 Resp: 1495906
Ion Ratio Lower Upper
172 100
171 40.6 31.6 47.4
170 26.8 21.3 31.9



#49
Dimethylphthalate
Concen: 24.61 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023133.D
Acq: 16 Jul 2016 5:36

Tgt Ion:163 Resp: 683220
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 10.2 8.1 12.1

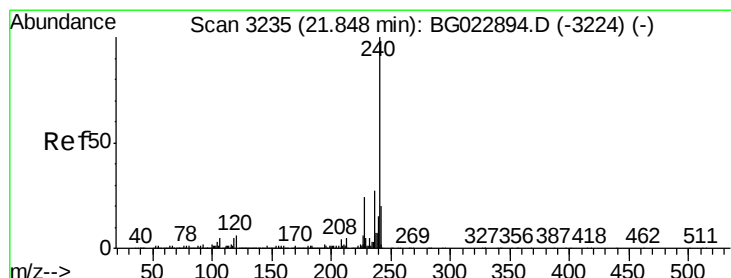
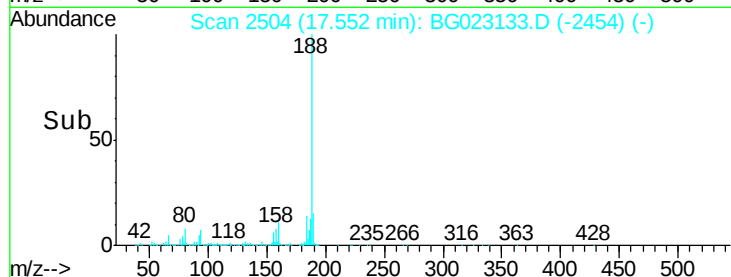
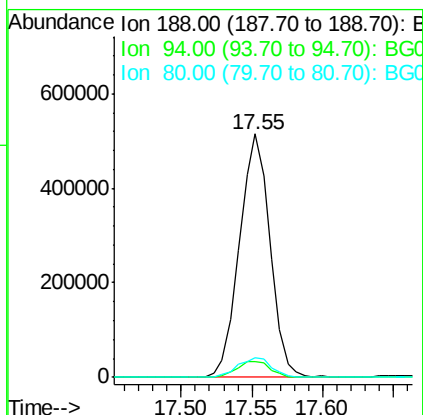
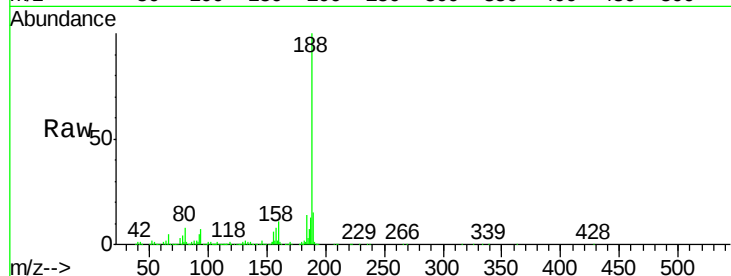




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023133.D
Acq: 16 Jul 2016 5:36

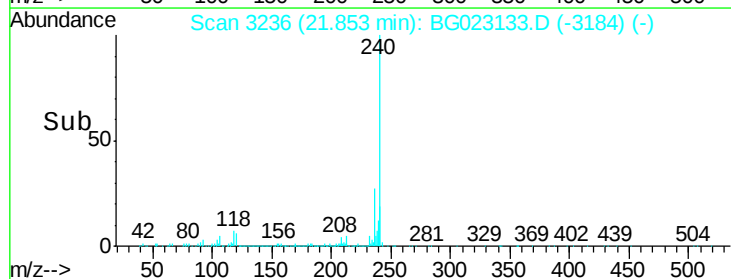
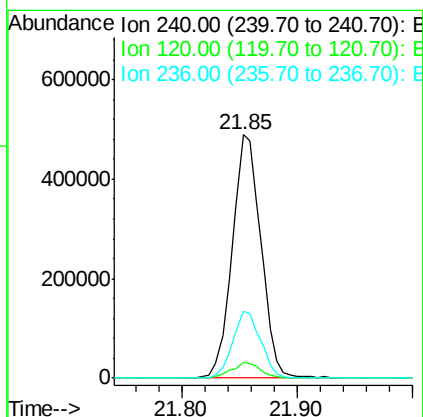
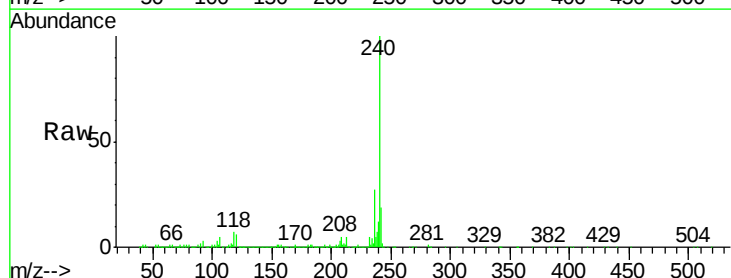
Instrument :
BNA_G
ClientSampleId :
C5-16

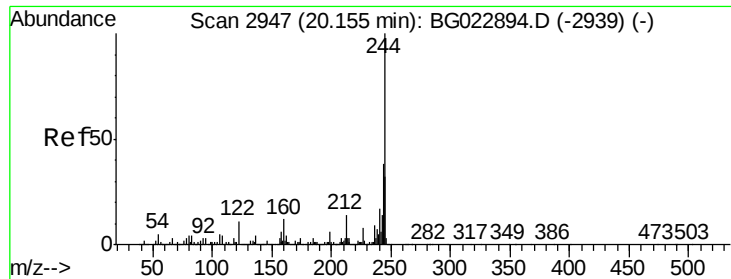
Tgt Ion:188 Resp: 777943
Ion Ratio Lower Upper
188 100
94 6.7 5.2 7.8
80 8.3 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG023133.D
Acq: 16 Jul 2016 5:36

Tgt Ion:240 Resp: 836910
Ion Ratio Lower Upper
240 100
120 6.2 4.1 6.1#
236 27.4 21.1 31.7





#78

Terphenyl-d14

Concen: 67.21 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BG023133.D

Acq: 16 Jul 2016 5:36

Instrument :

BNA_G

ClientSampleId :

C5-16

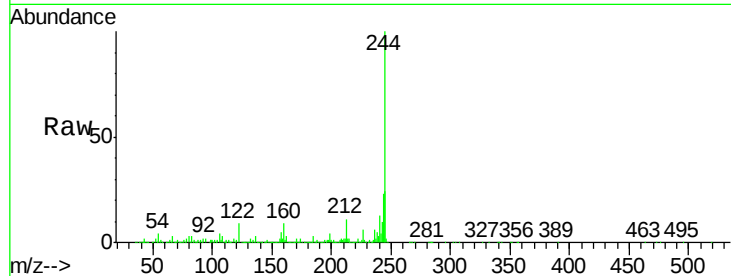
Tgt Ion:244 Resp: 1922339

Ion Ratio Lower Upper

244 100

212 11.3 10.8 16.2

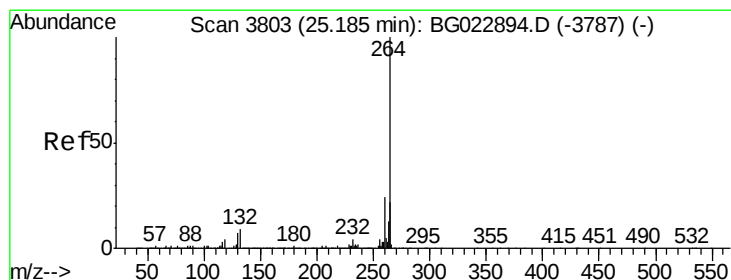
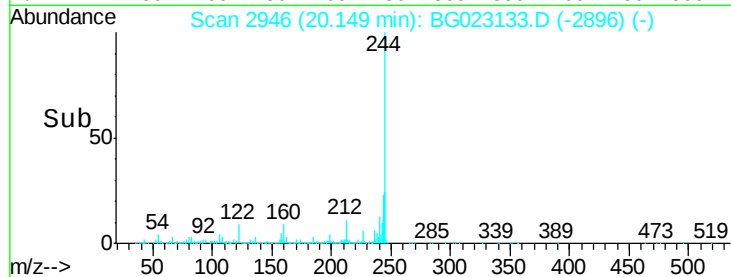
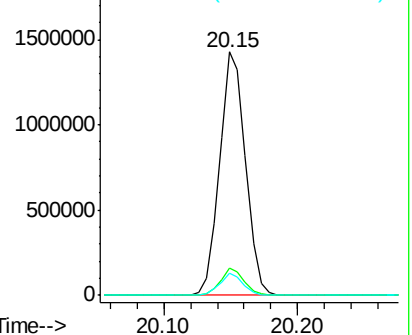
122 8.8 8.0 12.0



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: 25.24 min Scan# 3812

Delta R.T. 0.05 min

Lab File: BG023133.D

Acq: 16 Jul 2016 5:36

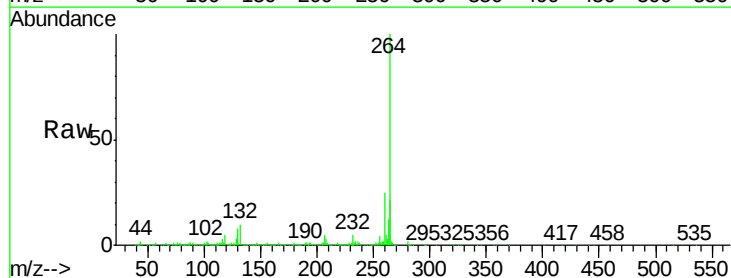
Tgt Ion:264 Resp: 818835

Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

265 20.9 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

