

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
 Data File : BG016887.D
 Acq On : 6 May 2015 5:31
 Operator : TP/IZ
 Sample : G2114-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRID-2(12-18)

Quant Time: May 06 06:58:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 03:35:52 2015
 Response via : Initial Calibration

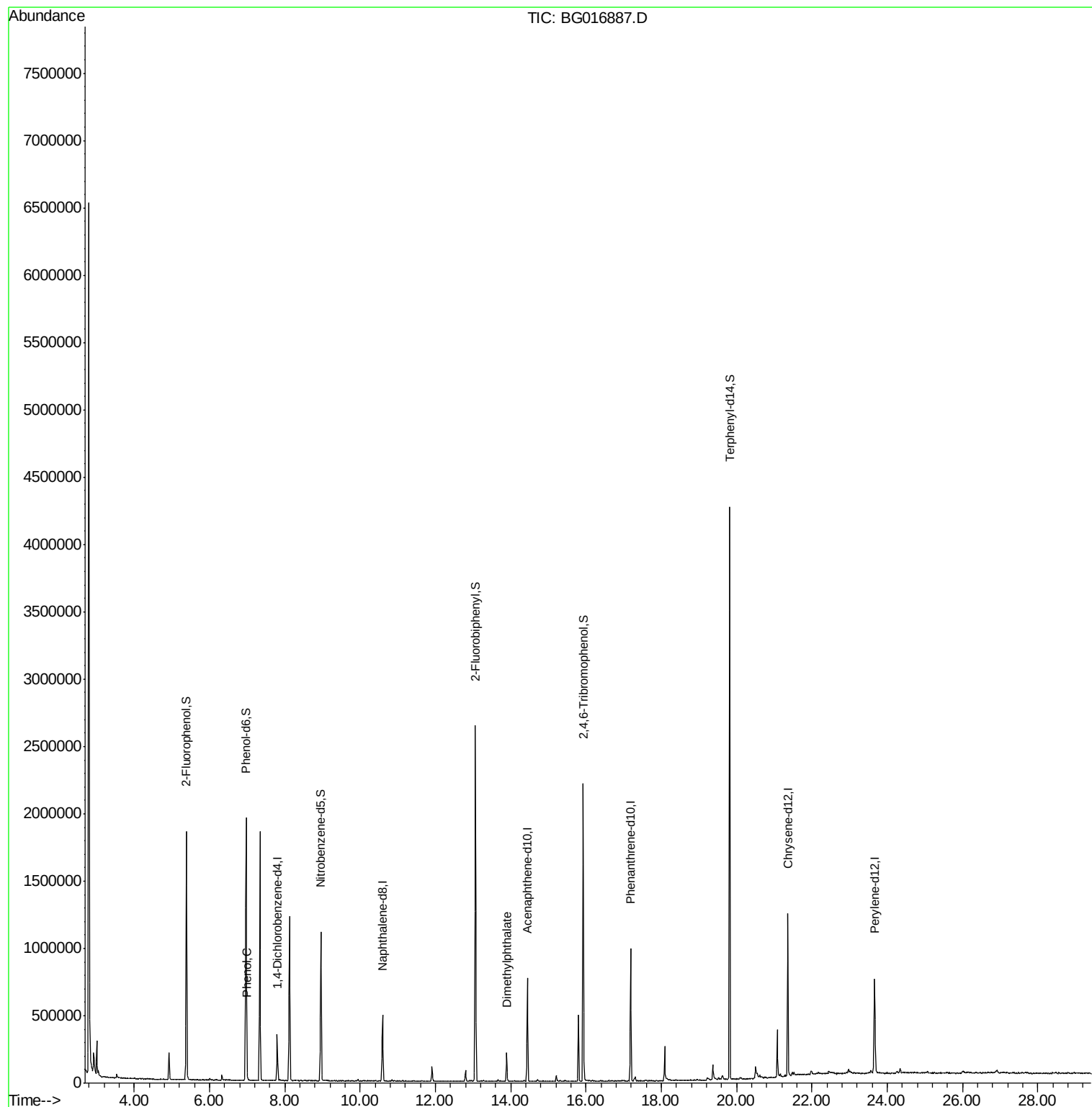
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	81226	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	363374	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	236500	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	511129	20.00	ng	0.00
75) Chrysene-d12	21.36	240	508486	20.00	ng	0.00
86) Perylene-d12	23.67	264	495089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	654681	140.34	ng	0.00
7) Phenol-d6	6.97	99	913802	137.11	ng	0.00
23) Nitrobenzene-d5	8.96	82	603536	81.14	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	311163	131.06	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1150552	73.41	ng	0.00
78) Terphenyl-d14	19.81	244	1543904	71.18	ng	0.00
Target Compounds						
10) Phenol	6.99	94	22859	3.20	ng	96
49) Dimethylphthalate	13.90	163	118295	6.70	ng	97

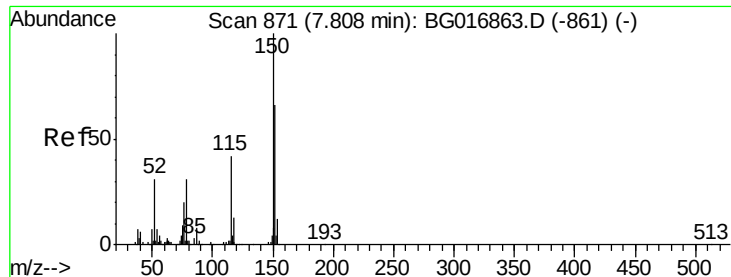
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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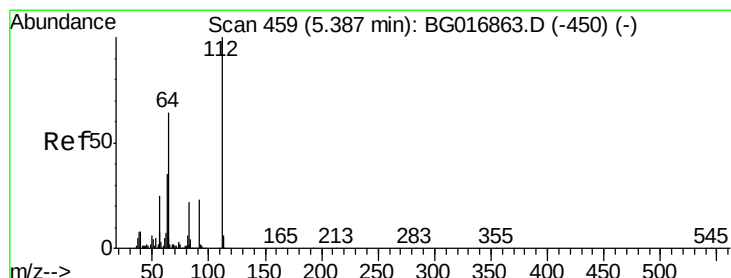
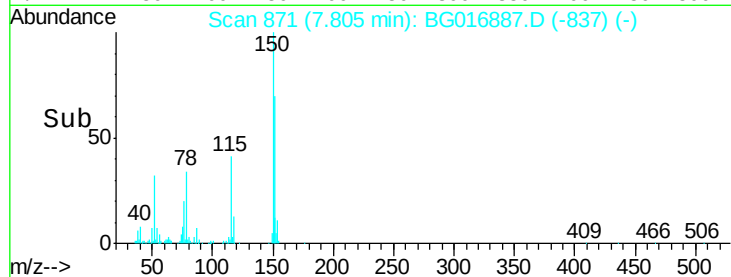
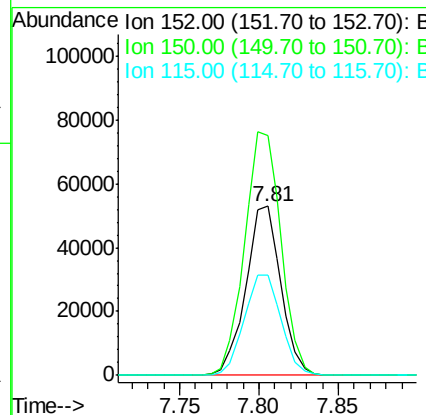
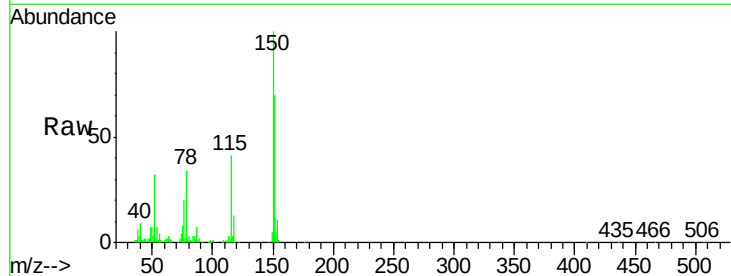


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.81 min Scan# 871
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

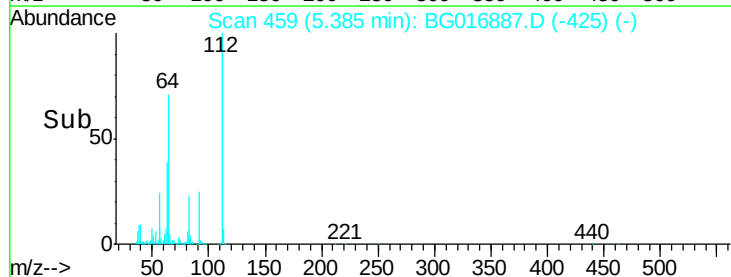
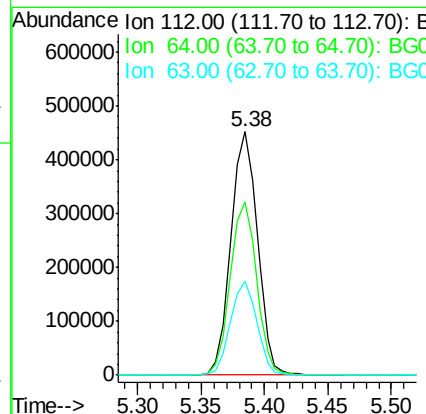
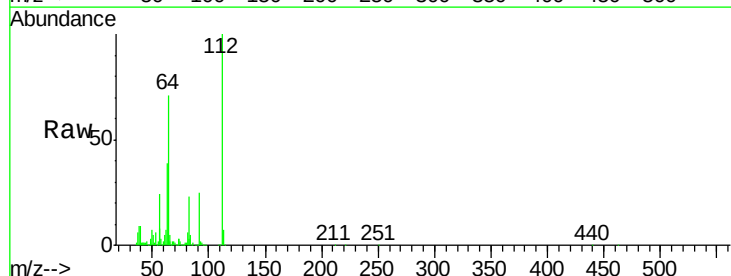
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.3	121.0	181.4
115	59.0	50.5	75.7

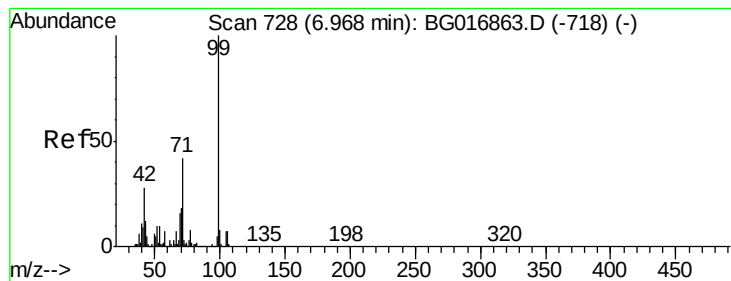


#5

2-Fluorophenol
Concen: 140.34 ng
RT: 5.38 min Scan# 459
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	51.4	77.2
63	38.6	28.1	42.1





#7

Phenol-d6

Concen: 137.11 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.01 min

Lab File: BG016887.D

Acq: 6 May 2015 5:31

Instrument :

BNA_G

ClientSampleId :

GRID-2(12-18)

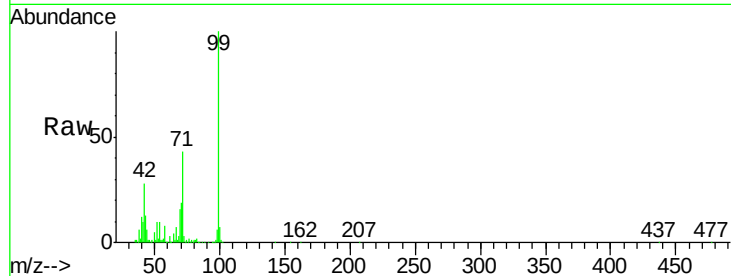
Tot Ion: 99 Resp: 913802

Ion Ratio Lower Upper

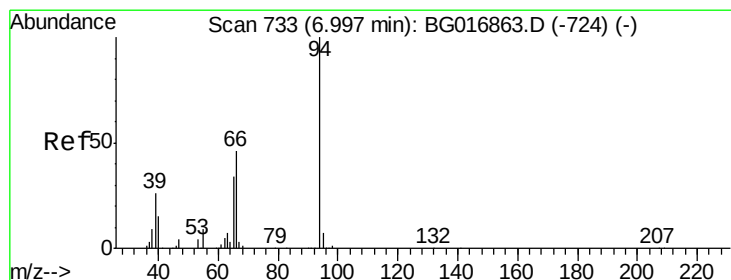
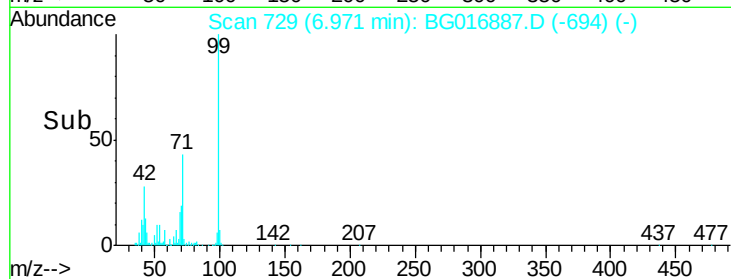
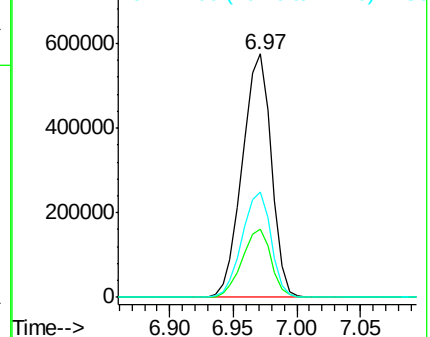
99 100

42 28.1 22.1 33.1

71 43.3 33.4 50.0



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: 3.20 ng

RT: 6.99 min Scan# 733

Delta R.T. 0.00 min

Lab File: BG016887.D

Acq: 6 May 2015 5:31

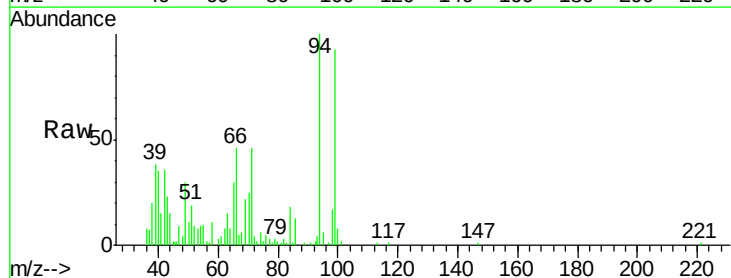
Tgt Ion: 94 Resp: 22859

Ion Ratio Lower Upper

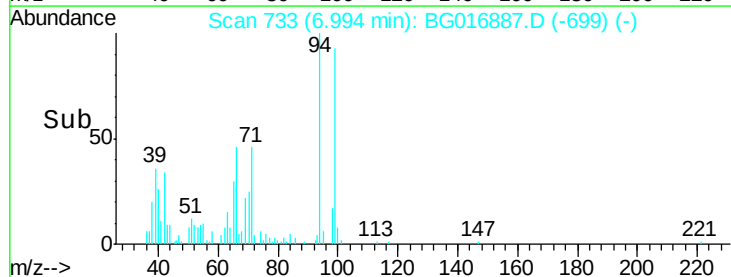
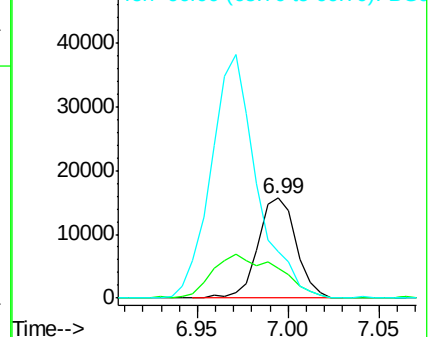
94 100

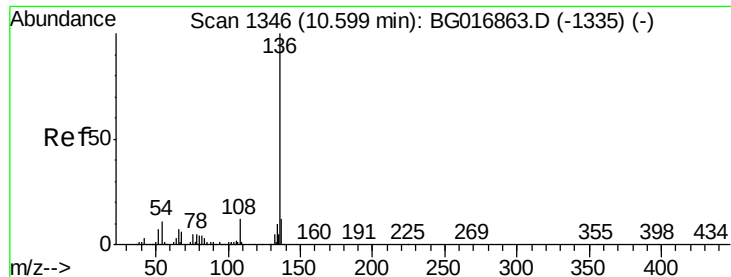
65 29.7 14.3 54.3

66 46.1 26.9 66.9



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

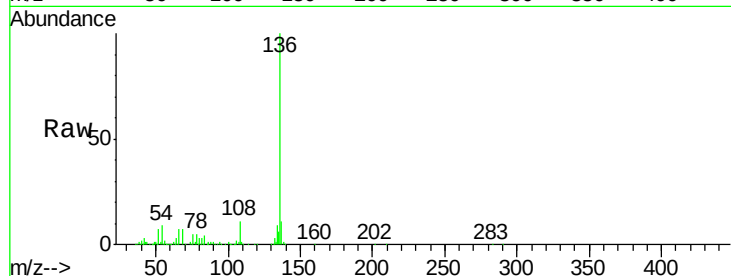




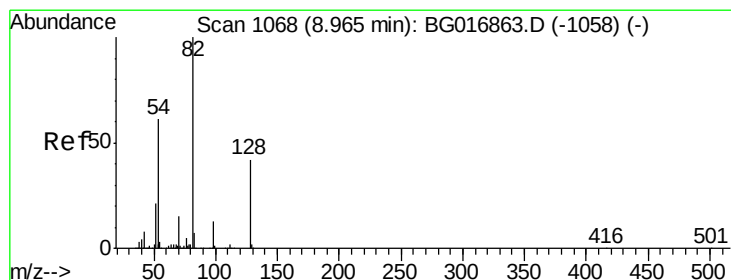
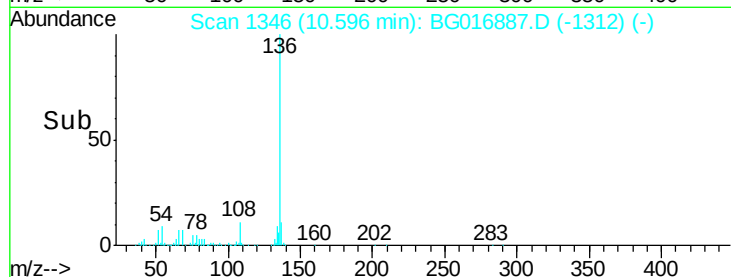
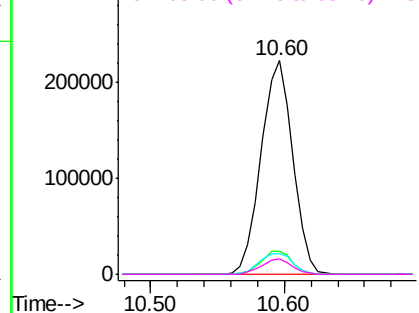
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

Tot Ion:136	Resp:	363374
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.8 14.8
54	9.4	8.7 13.1
68	7.1	5.0 7.4

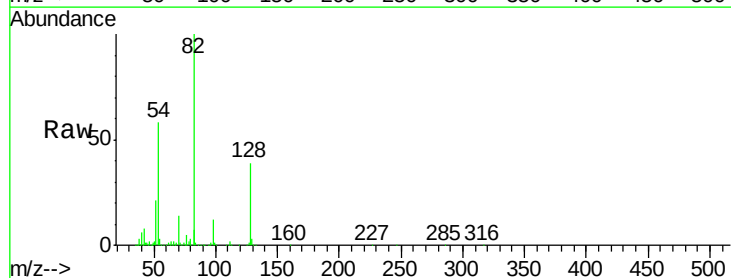


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

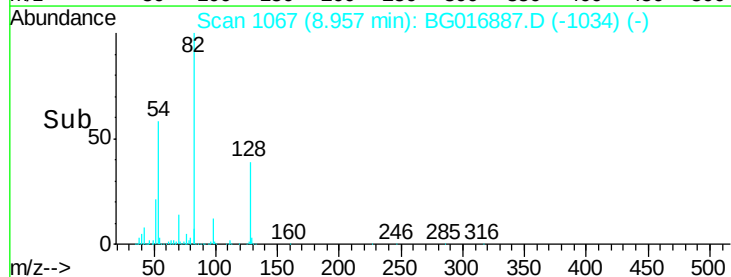
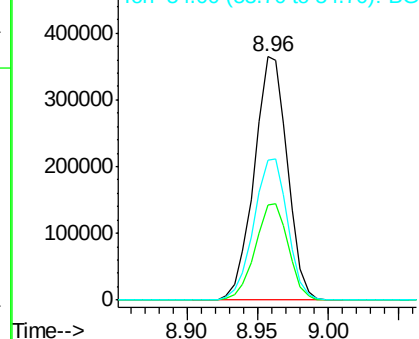


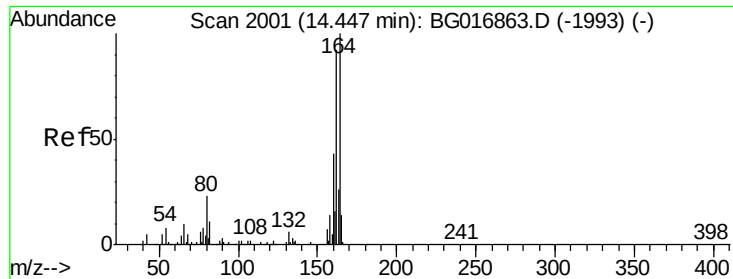
#23
Nitrobenzene-d5
Concen: 81.14 ng
RT: 8.96 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Tgt Ion: 82	Resp:	603536
Ion	Ratio	Lower Upper
82	100	
128	39.3	33.2 49.8
54	57.6	48.6 72.8



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: 14.44 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG016887.D

Acq: 6 May 2015 5:31

Instrument :

BNA_G

ClientSampleId :

GRID-2(12-18)

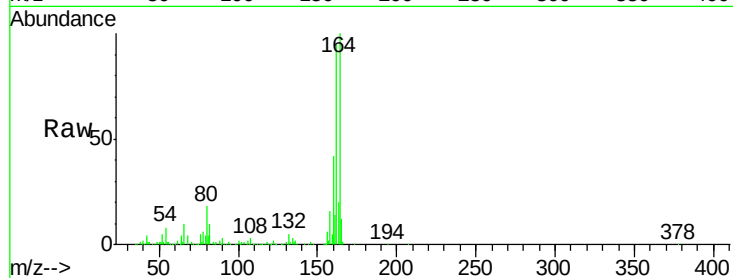
Tot Ion:164 Resp: 236500

Ion Ratio Lower Upper

164 100

162 95.2 74.0 111.0

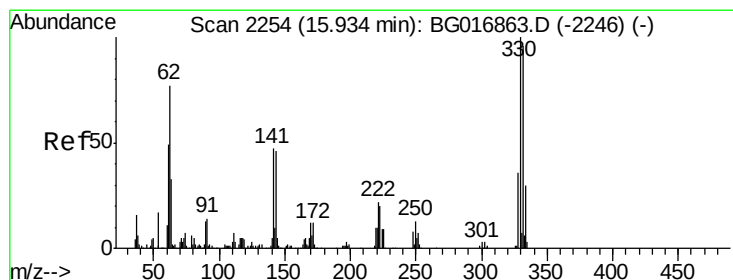
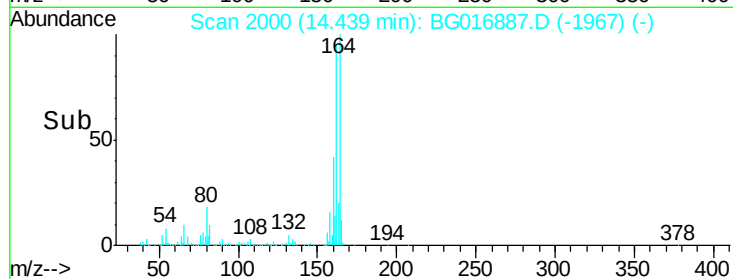
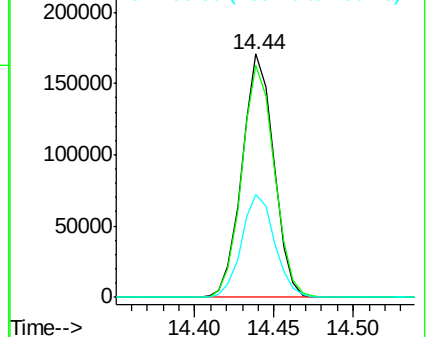
160 42.2 34.7 52.1



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: 131.06 ng

RT: 15.93 min Scan# 2254

Delta R.T. 0.00 min

Lab File: BG016887.D

Acq: 6 May 2015 5:31

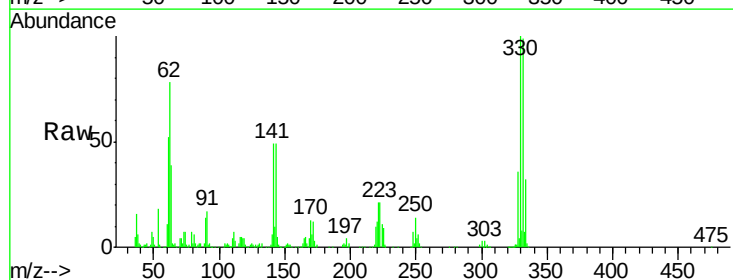
Tgt Ion:330 Resp: 311163

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

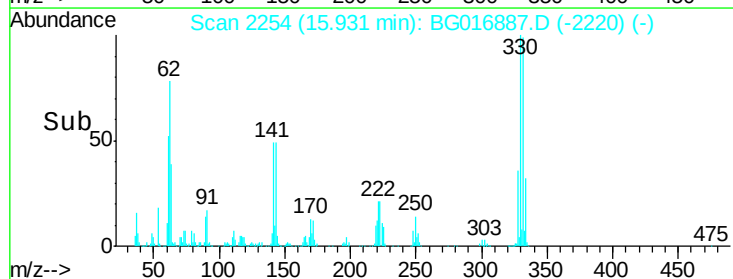
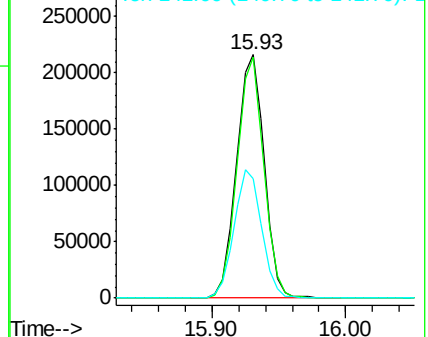
141 52.8 0.0 0.0#

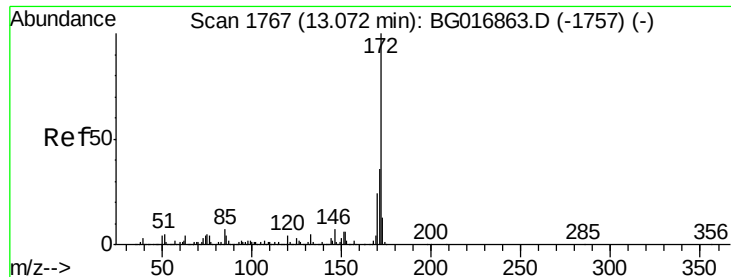


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

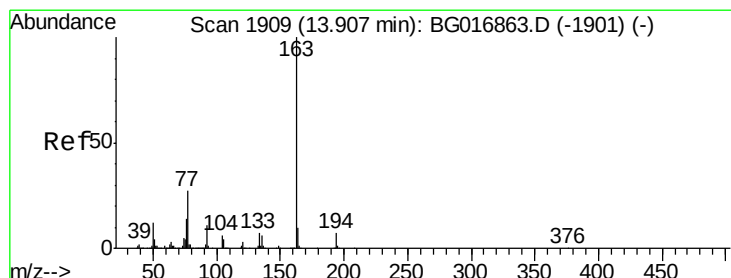
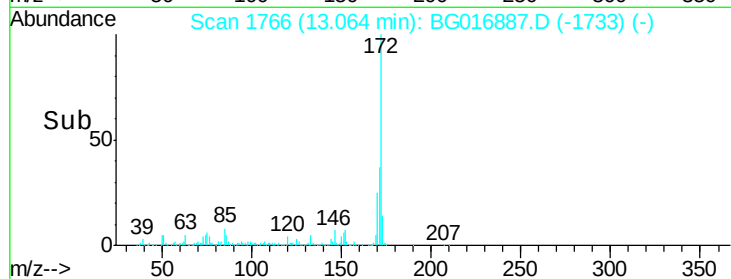
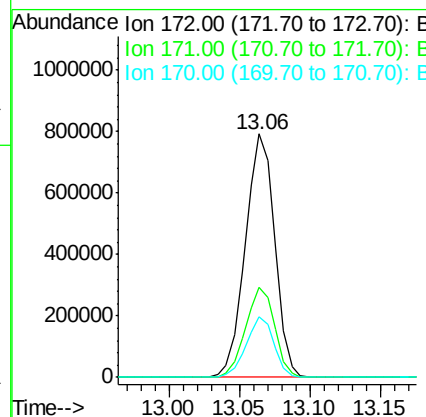
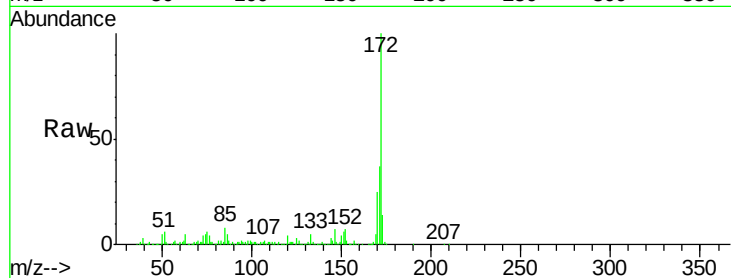




#44
2-Fluorobiphenyl
Concen: 73.41 ng
RT: 13.06 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

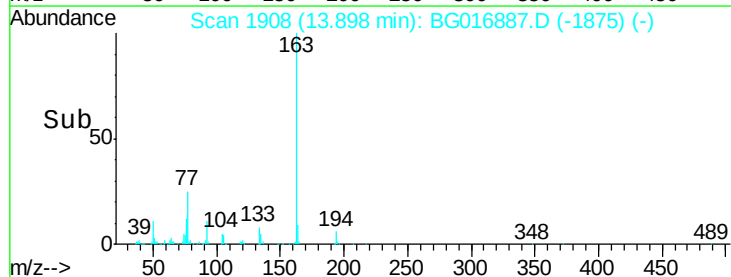
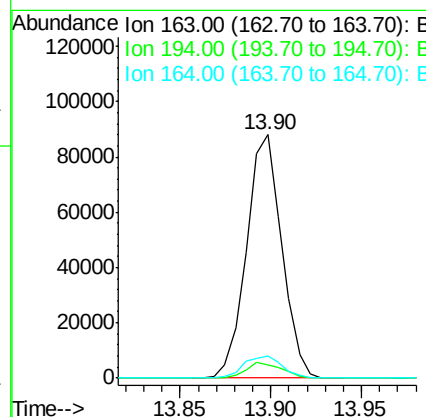
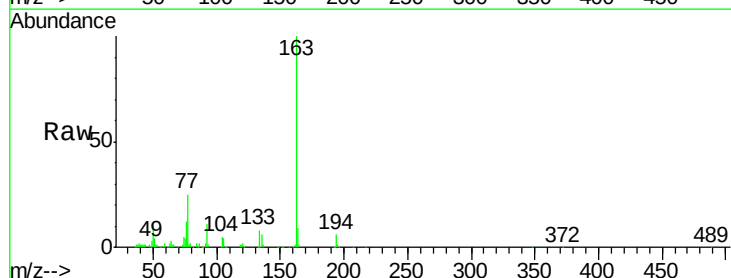
Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

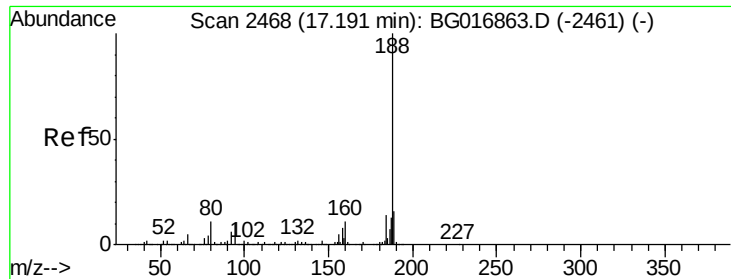
Tot Ion:172 Resp: 1150552
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.4
170 24.9 19.0 28.4



#49
Dimethylphthalate
Concen: 6.70 ng
RT: 13.90 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Tgt Ion:163 Resp: 118295
Ion Ratio Lower Upper
163 100
194 5.6 5.2 7.8
164 9.0 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BG016887.D

Acq: 6 May 2015 5:31

Instrument :

BNA_G

ClientSampleId :

GRID-2(12-18)

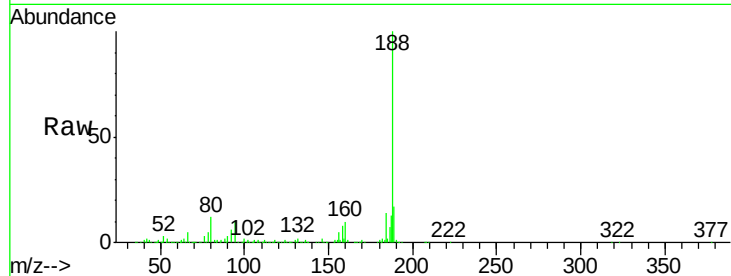
Tot Ion:188 Resp: 511129

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

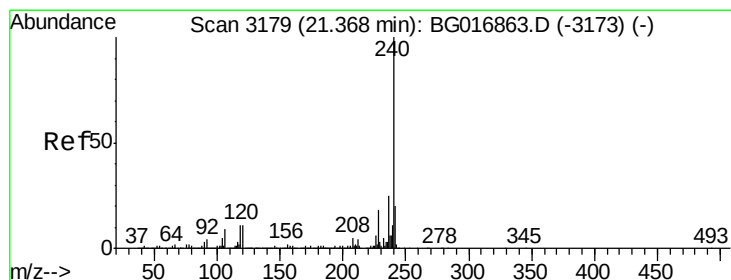
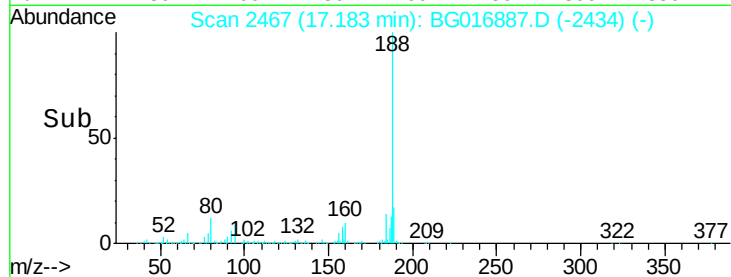
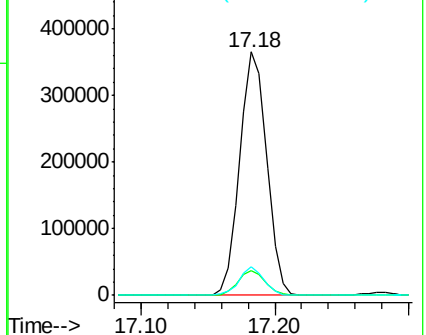
80 11.7 8.8 13.2



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: 21.36 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG016887.D

Acq: 6 May 2015 5:31

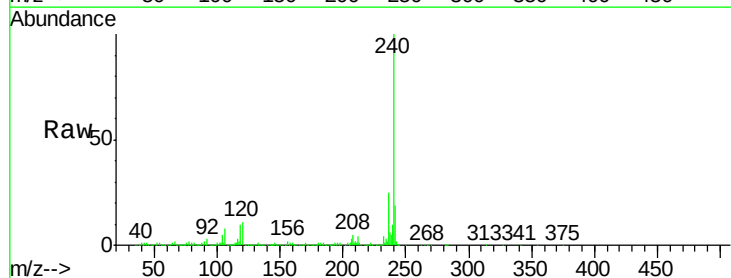
Tgt Ion:240 Resp: 508486

Ion Ratio Lower Upper

240 100

120 11.4 9.1 13.7

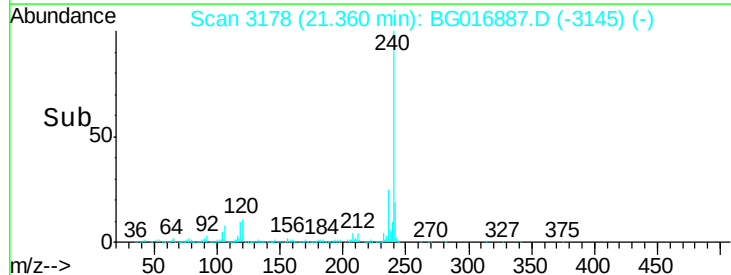
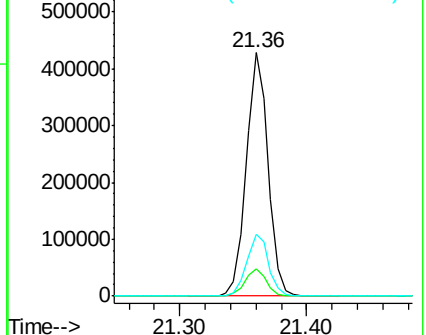
236 25.5 20.2 30.4

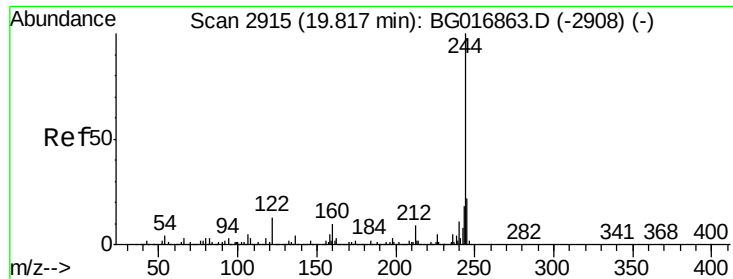


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.18 ng

RT: 19.81 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BG016887.D

Acq: 6 May 2015 5:31

Instrument :

BNA_G

ClientSampleId :

GRID-2(12-18)

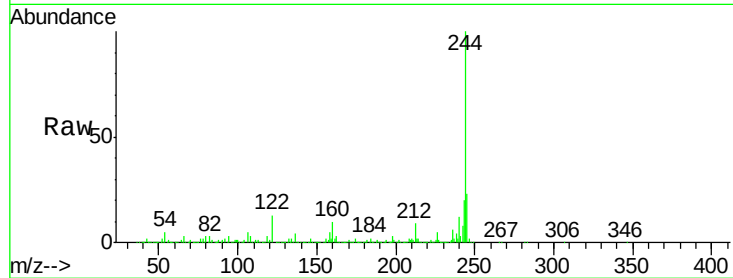
Tot Ion:244 Resp: 1543904

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	13.2	10.4	15.6

244 100

212 9.2 7.0 10.6

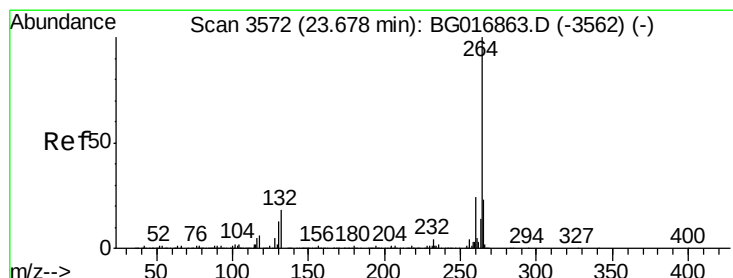
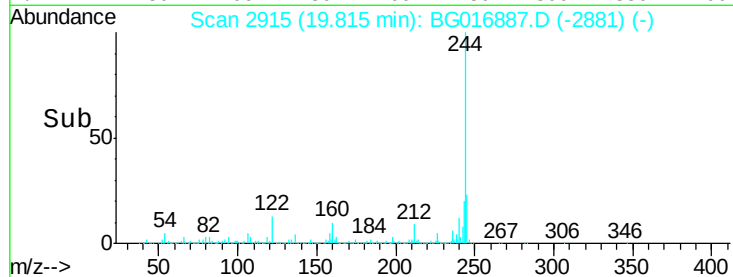
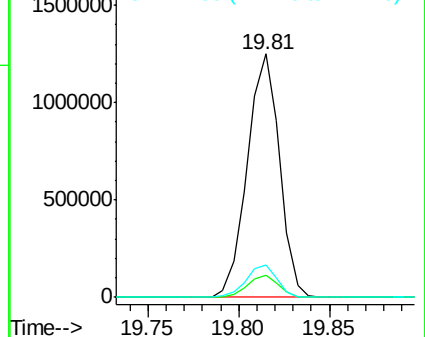
122 13.2 10.4 15.6



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: 23.67 min Scan# 3571

Delta R.T. 0.00 min

Lab File: BG016887.D

Acq: 6 May 2015 5:31

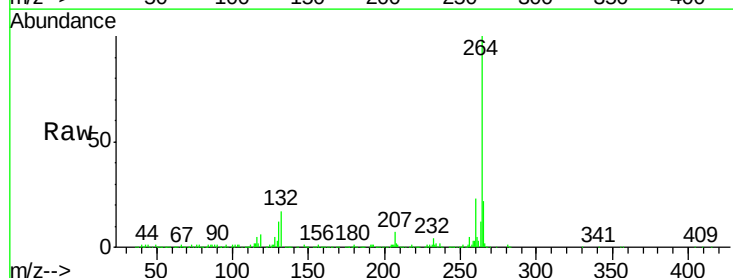
Tgt Ion:264 Resp: 495089

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.9	18.5	27.7

264 100

260 23.4 19.5 29.3

265 21.9 18.5 27.7



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

