

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050115\
 Data File : BG016853.D
 Acq On : 1 May 2015 19:57
 Operator : TP/IZ
 Sample : G2021-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-25-10-15

Quant Time: May 02 00:05:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 23:47:41 2015
 Response via : Initial Calibration

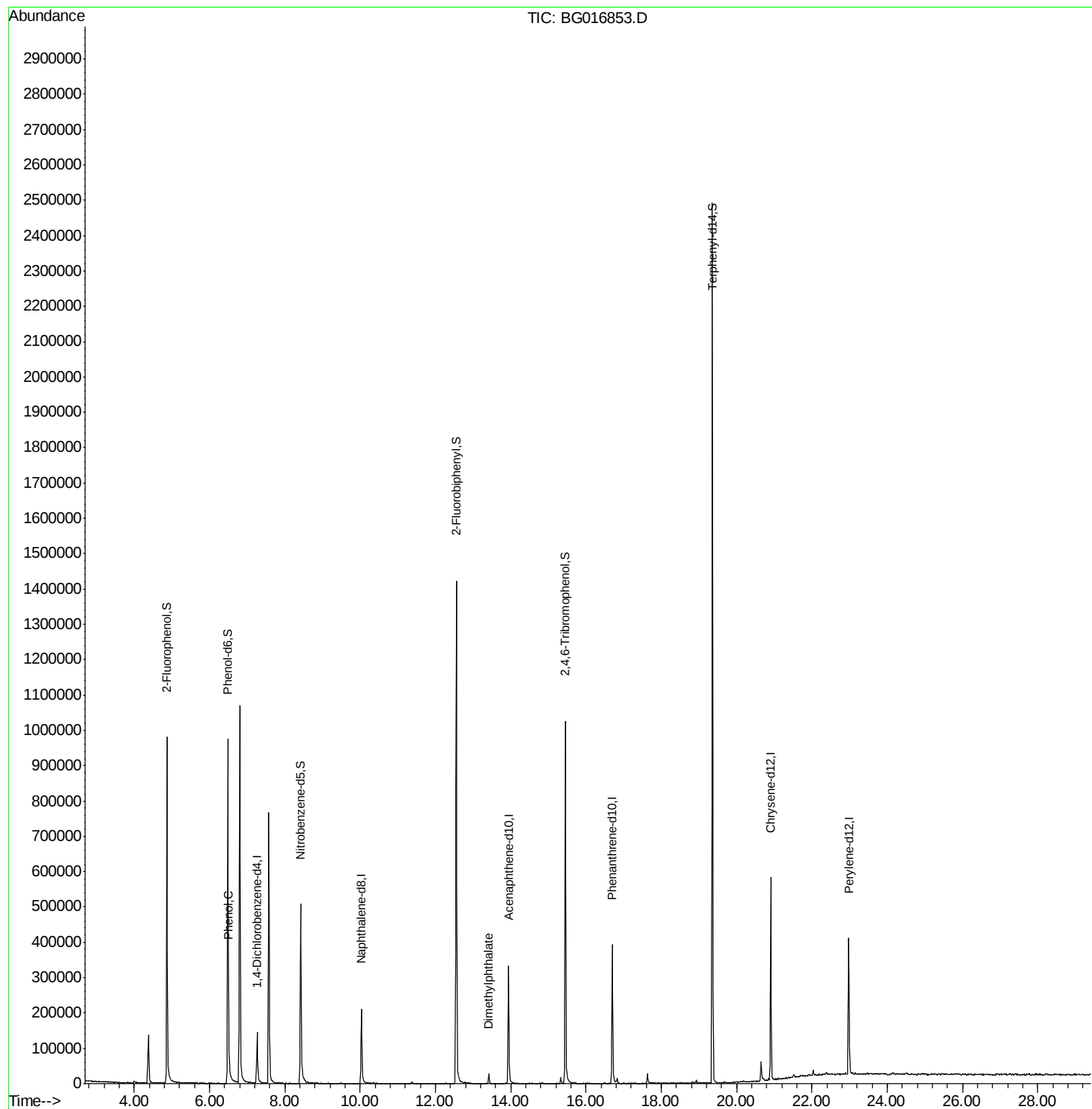
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	52794	20.00	ng	0.00
21) Naphthalene-d8	10.03	136	212372	20.00	ng	0.00
38) Acenaphthene-d10	13.94	164	120437	20.00	ng	0.00
63) Phenanthrene-d10	16.69	188	251684	20.00	ng	0.00
75) Chrysene-d12	20.91	240	231973	20.00	ng	0.00
86) Perylene-d12	22.98	264	212829	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.87	112	495573	172.91	ng	0.00
7) Phenol-d6	6.48	99	678714	168.71	ng	0.00
23) Nitrobenzene-d5	8.42	82	343961	105.51	ng	0.00
41) 2,4,6-Tribromophenol	15.45	330	152093	169.56	ng	0.00
44) 2-Fluorobiphenyl	12.55	172	765883	98.46	ng	0.00
78) Terphenyl-d14	19.36	244	931698	96.88	ng	0.00
Target Compounds						
10) Phenol	6.51	94	24009	5.82	ng	Qvalue 81
49) Dimethylphthalate	13.42	163	21920	2.54	ng	# 98

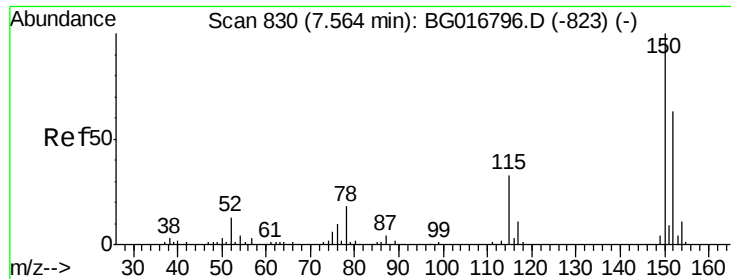
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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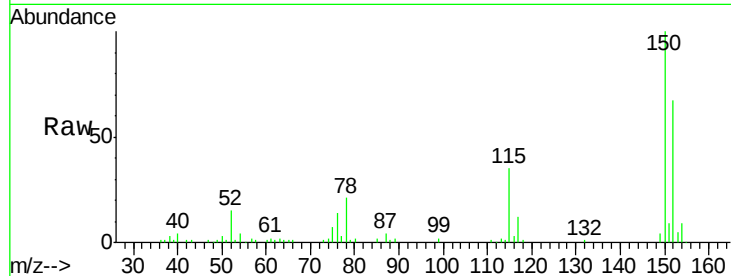


#1

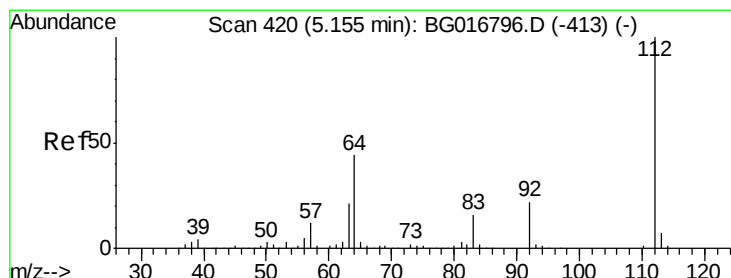
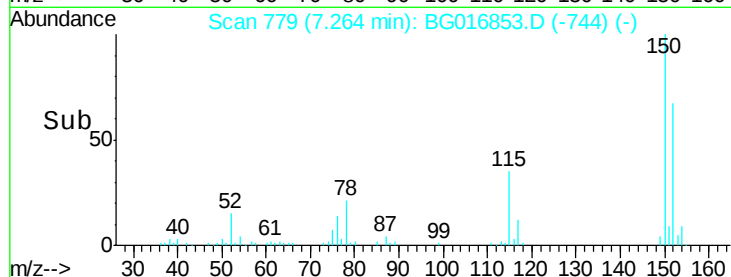
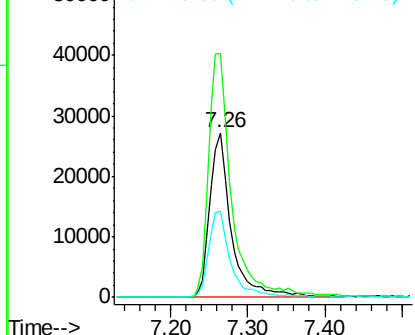
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 779
Delta R.T. 0.01 min
Lab File: BG016853.D
Acq: 1 May 2015 19:57

Instrument :
BNA_G
ClientSampleId :
PS-25-10-15

Tgt Ion:152 Resp: 52794
Ion Ratio Lower Upper
152 100
150 148.2 126.2 189.4
115 52.1 41.1 61.7



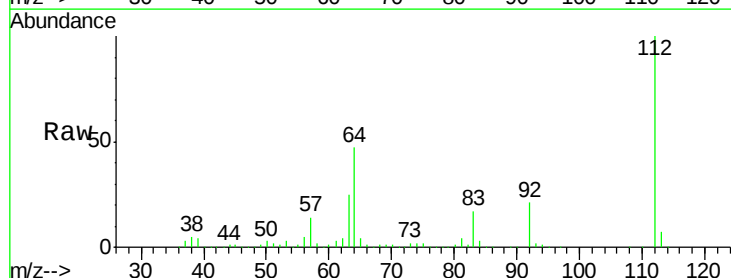
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



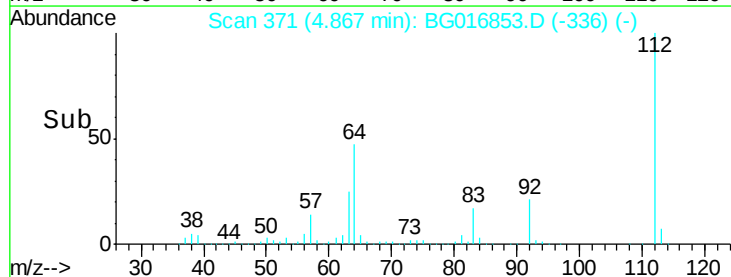
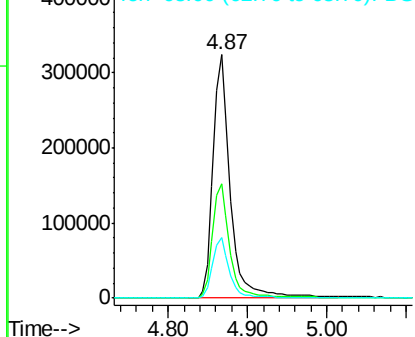
#5

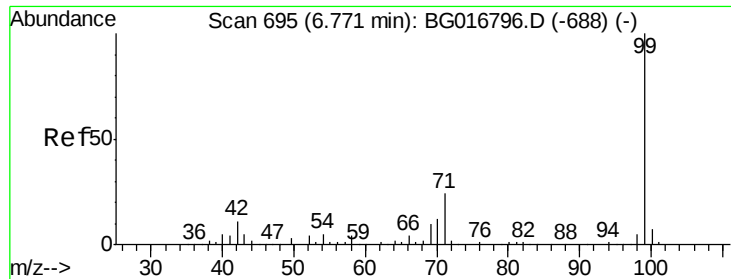
2-Fluorophenol
Concen: 172.91 ng
RT: 4.87 min Scan# 371
Delta R.T. 0.01 min
Lab File: BG016853.D
Acq: 1 May 2015 19:57

Tgt Ion:112 Resp: 495573
Ion Ratio Lower Upper
112 100
64 47.0 35.5 53.3
63 24.9 17.2 25.8



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: 168.71 ng

RT: 6.48 min Scan# 646

Delta R.T. 0.01 min

Lab File: BG016853.D

Acq: 1 May 2015 19:57

Instrument :

BNA_G

ClientSampleId :

PS-25-10-15

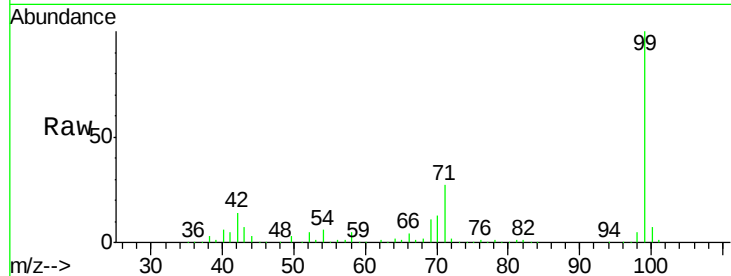
Tgt Ion: 99 Resp: 678714

Ion Ratio Lower Upper

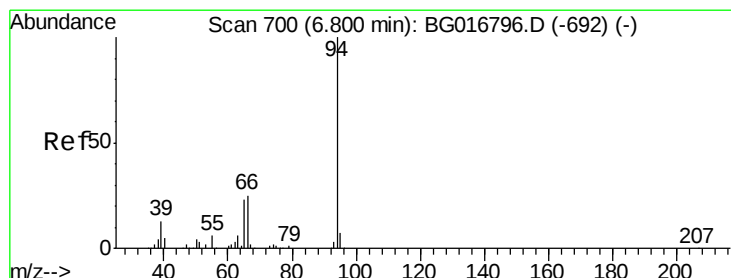
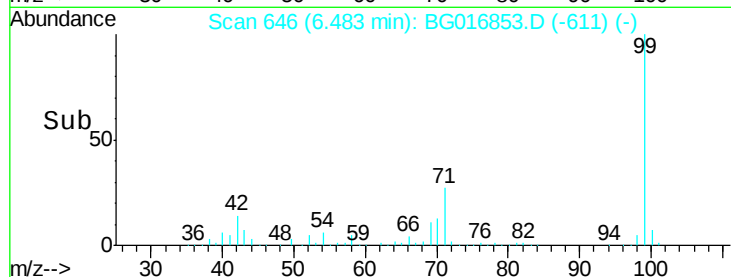
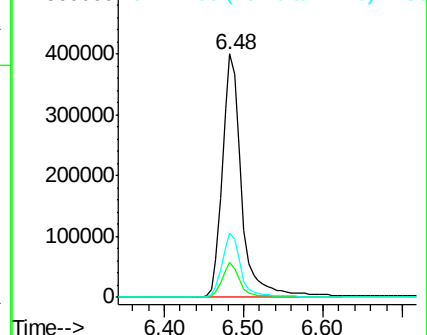
99 100

42 14.1 8.9 13.3#

71 26.6 19.0 28.6



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: 5.82 ng

RT: 6.51 min Scan# 650

Delta R.T. 0.00 min

Lab File: BG016853.D

Acq: 1 May 2015 19:57

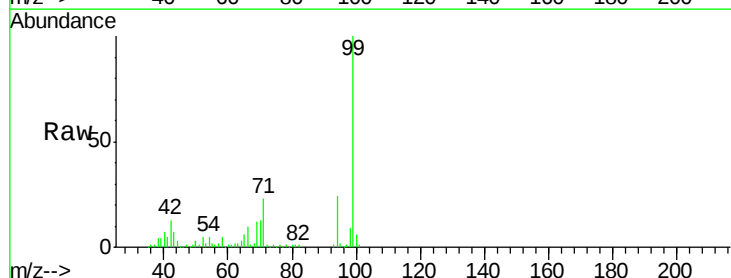
Tgt Ion: 94 Resp: 24009

Ion Ratio Lower Upper

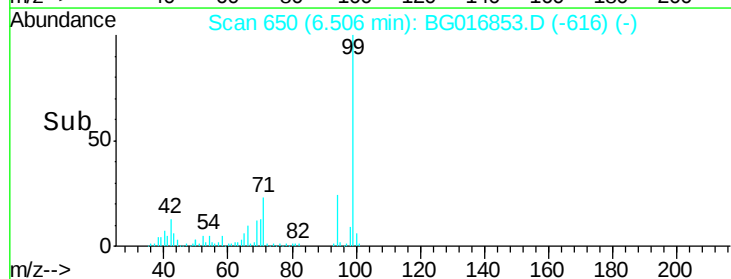
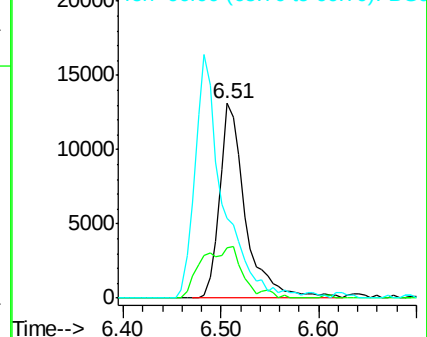
94 100

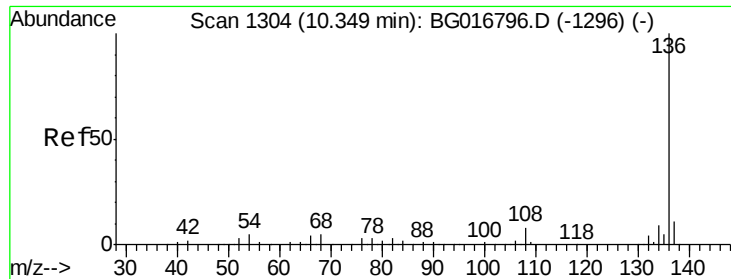
65 26.2 3.0 43.0

66 41.2 6.3 46.3



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

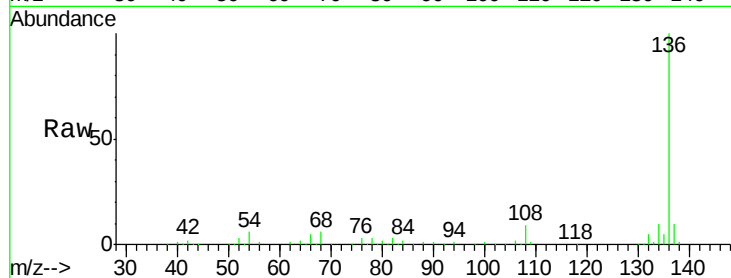




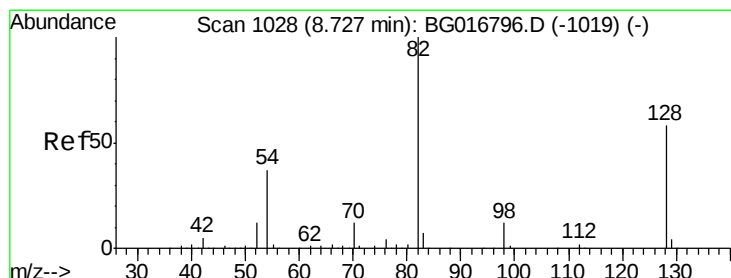
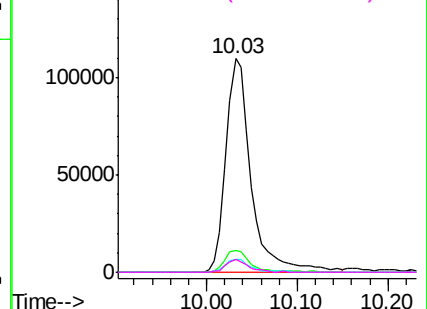
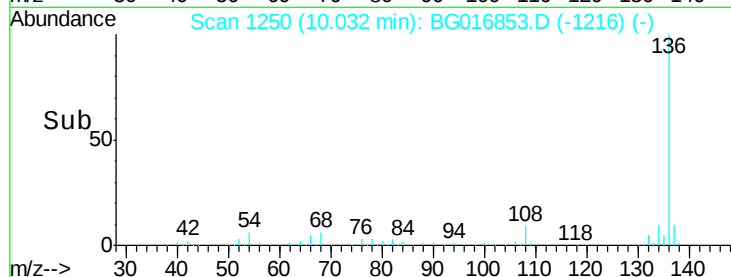
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.03 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BG016853.D
Acq: 1 May 2015 19:57

Instrument :
BNA_G
ClientSampleId :
PS-25-10-15

Tgt Ion: 136 Resp: 212372
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 6.2 4.3 6.5
68 6.0 4.3 6.5

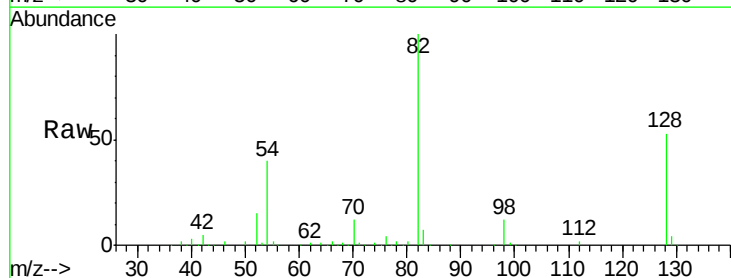


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

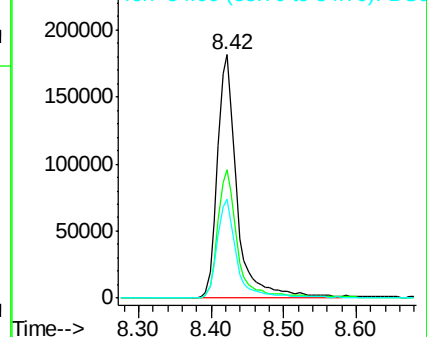
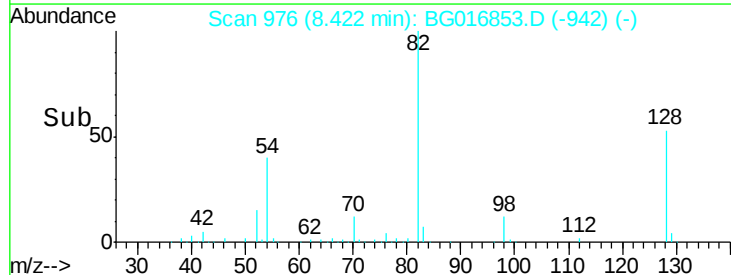


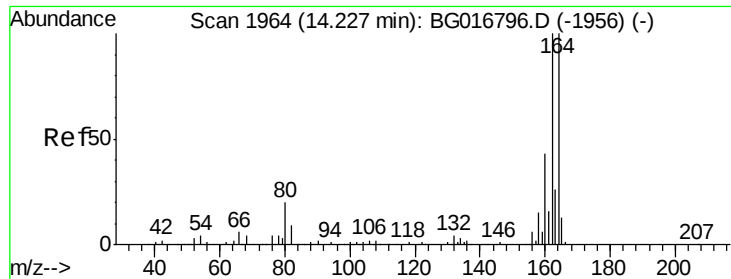
#23
Nitrobenzene-d5
Concen: 105.51 ng
RT: 8.42 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG016853.D
Acq: 1 May 2015 19:57

Tgt Ion: 82 Resp: 343961
Ion Ratio Lower Upper
82 100
128 52.7 46.3 69.5
54 40.5 30.0 45.0



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: 13.94 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG016853.D

Acq: 1 May 2015 19:57

Instrument :

BNA_G

ClientSampleId :

PS-25-10-15

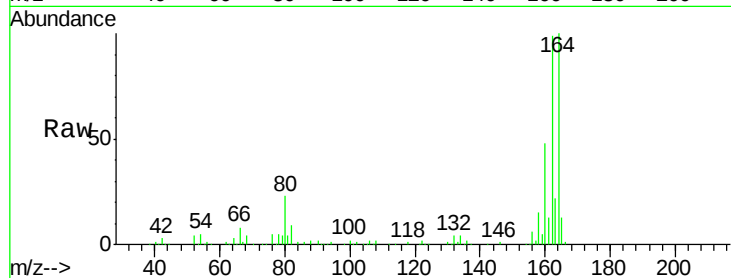
Tgt Ion:164 Resp: 120437

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.4

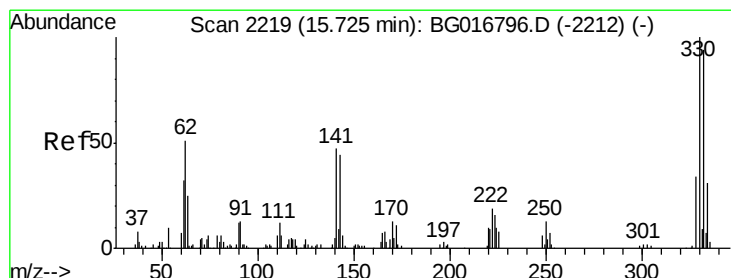
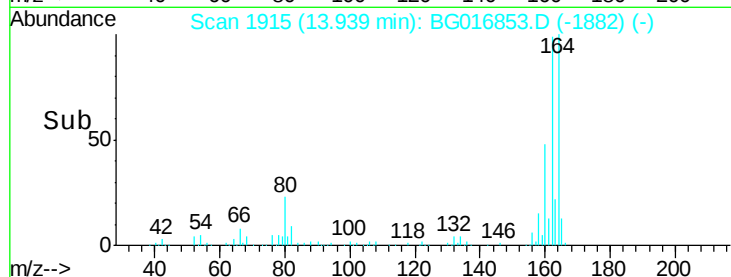
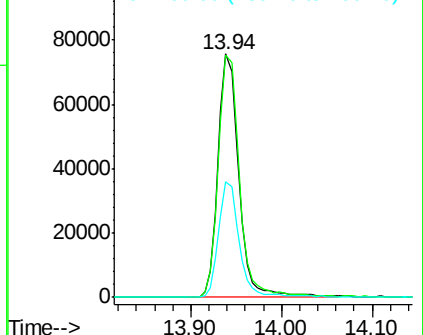
160 47.7 34.8 52.2



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: 169.56 ng

RT: 15.45 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG016853.D

Acq: 1 May 2015 19:57

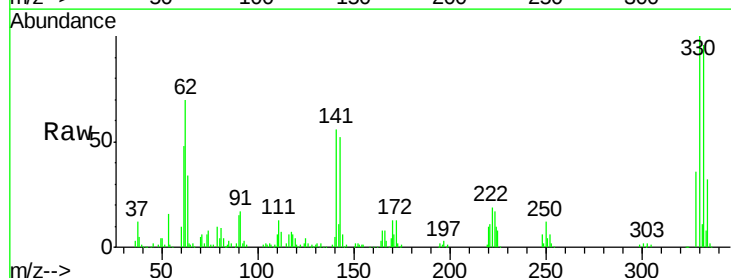
Tgt Ion:330 Resp: 152093

Ion Ratio Lower Upper

330 100

332 95.9 75.3 112.9

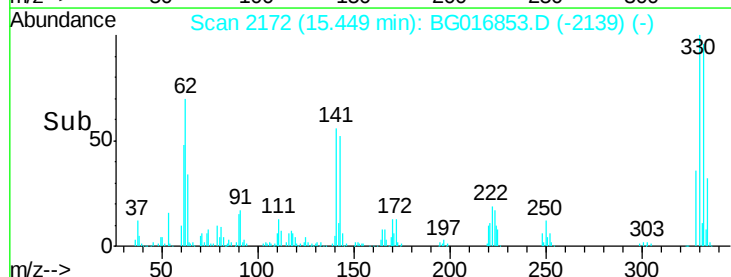
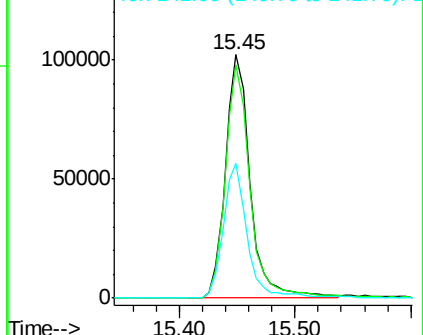
141 54.1 40.7 61.1

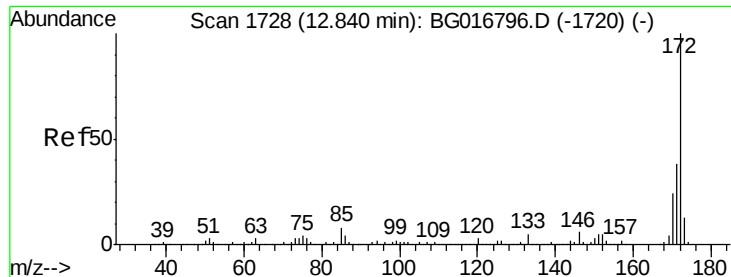


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

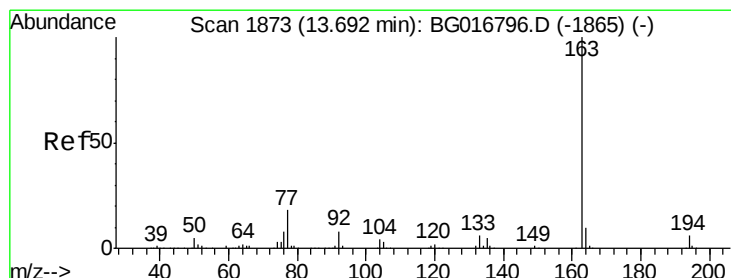
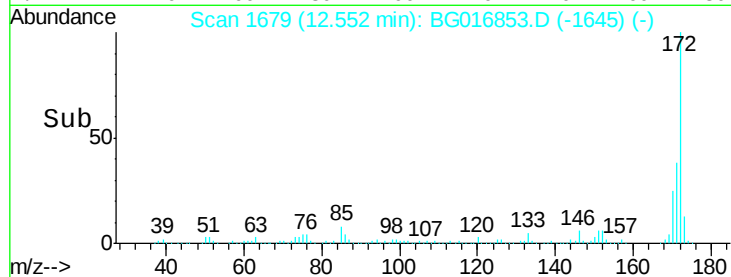
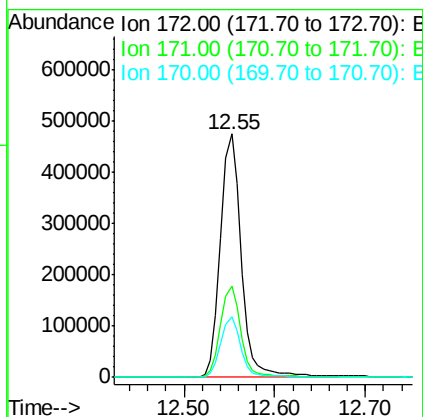
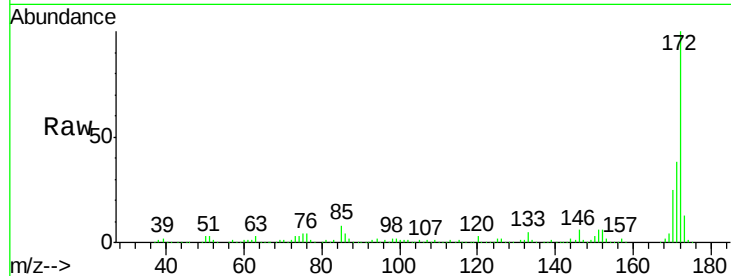




#44
2-Fluorobiphenyl
Concen: 98.46 ng
RT: 12.55 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG016853.D
Acq: 1 May 2015 19:57

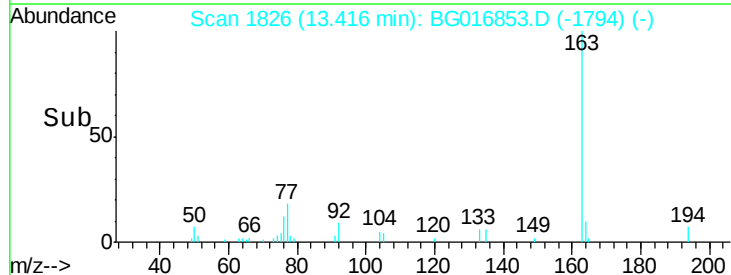
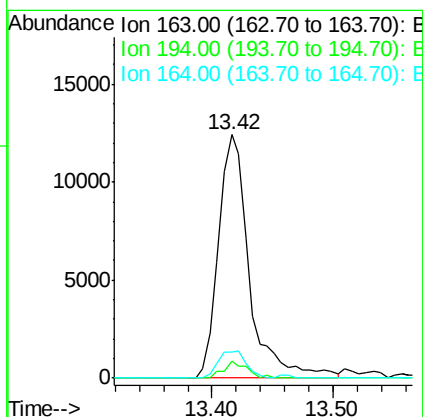
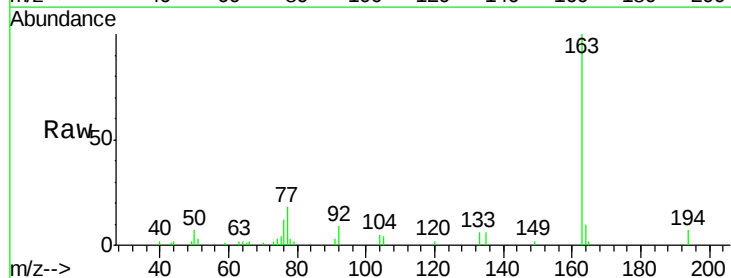
Instrument :
BNA_G
ClientSampleId :
PS-25-10-15

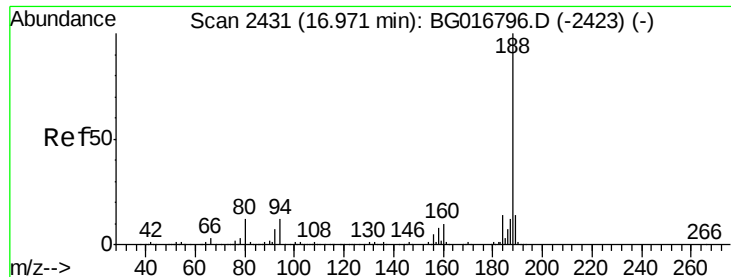
Tgt Ion:172 Resp: 765883
Ion Ratio Lower Upper
172 100
171 37.7 30.2 45.4
170 25.0 19.4 29.0



#49
Dimethylphthalate
Concen: 2.54 ng
RT: 13.42 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BG016853.D
Acq: 1 May 2015 19:57

Tgt Ion:163 Resp: 21920
Ion Ratio Lower Upper
163 100
194 7.1 4.7 7.1#
164 10.5 8.2 12.2

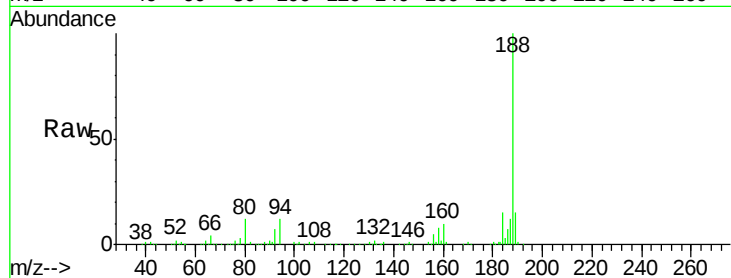




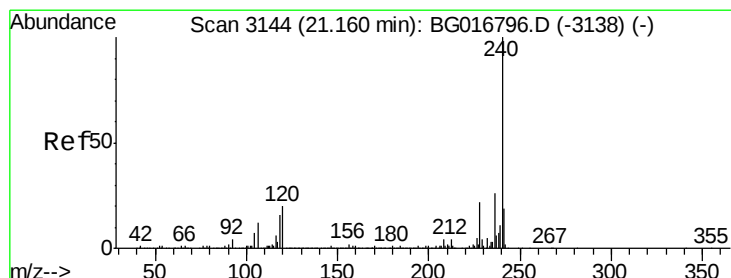
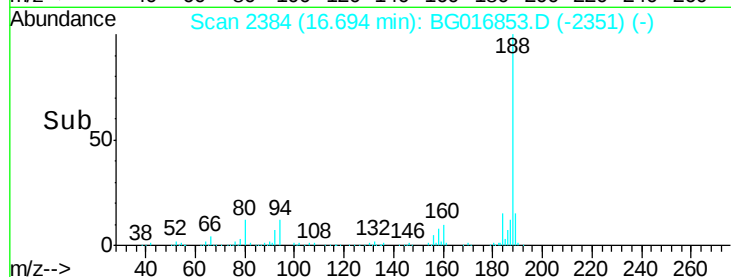
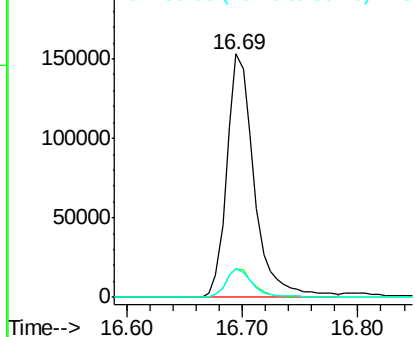
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.69 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG016853.D
Acq: 1 May 2015 19:57

Instrument :
BNA_G
ClientSampleId :
PS-25-10-15

Tgt Ion:188 Resp: 251684
Ion Ratio Lower Upper
188 100
94 11.9 9.5 14.3
80 11.8 9.2 13.8

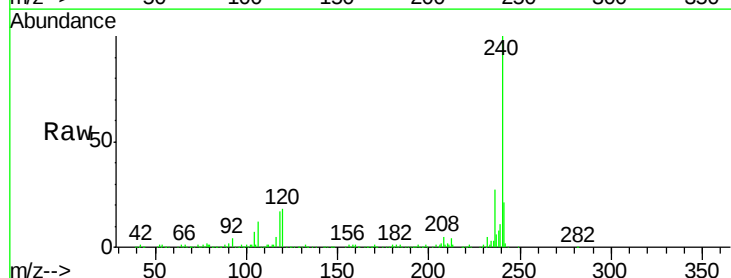


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

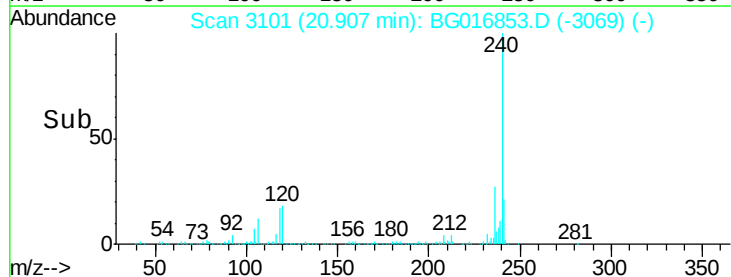
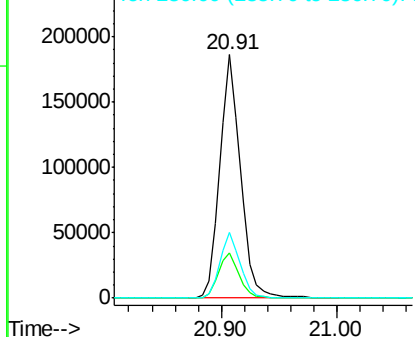


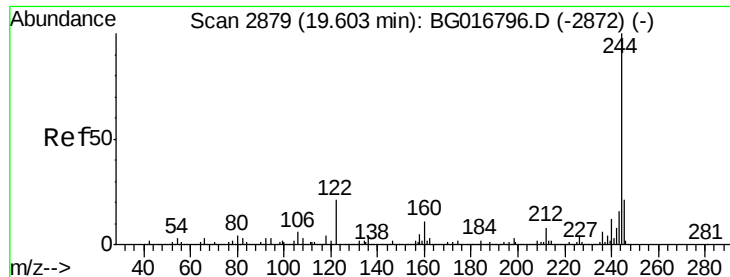
#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.91 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BG016853.D
Acq: 1 May 2015 19:57

Tgt Ion:240 Resp: 231973
Ion Ratio Lower Upper
240 100
120 18.3 16.1 24.1
236 27.0 21.0 31.6



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: 96.88 ng

RT: 19.36 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG016853.D

Acq: 1 May 2015 19:57

Instrument :

BNA_G

ClientSampleId :

PS-25-10-15

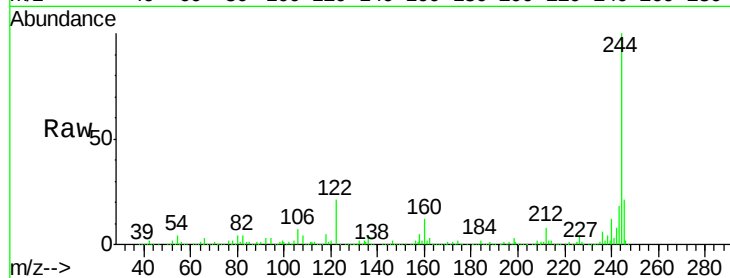
Tgt Ion:244 Resp: 931698

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

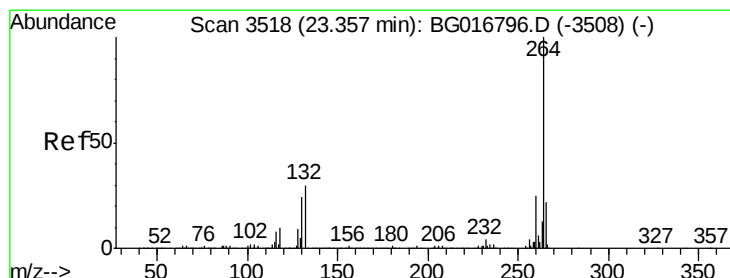
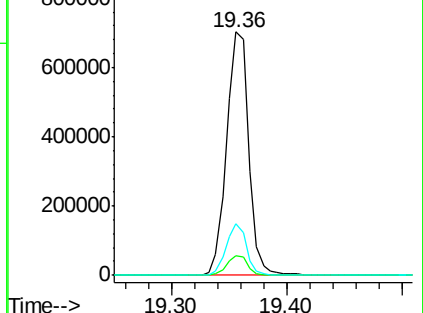
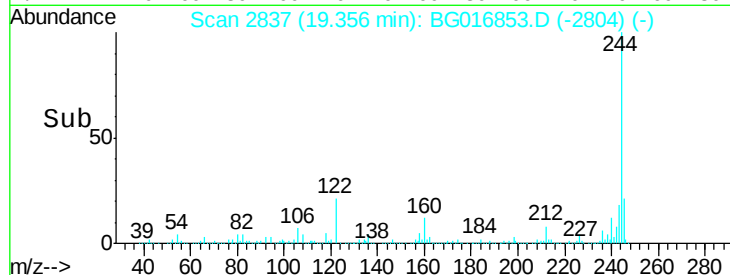
122 21.3 16.4 24.6



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: 22.98 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BG016853.D

Acq: 1 May 2015 19:57

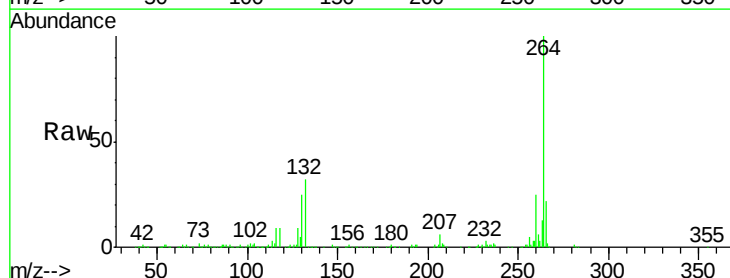
Tgt Ion:264 Resp: 212829

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

265 21.7 17.4 26.2



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

