

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025987.D
 Acq On : 28 Feb 2017 6:21
 Operator : SJ/MA
 Sample : I1989-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-CC9-CC10-CC11-CC12

Quant Time: Feb 28 07:08:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

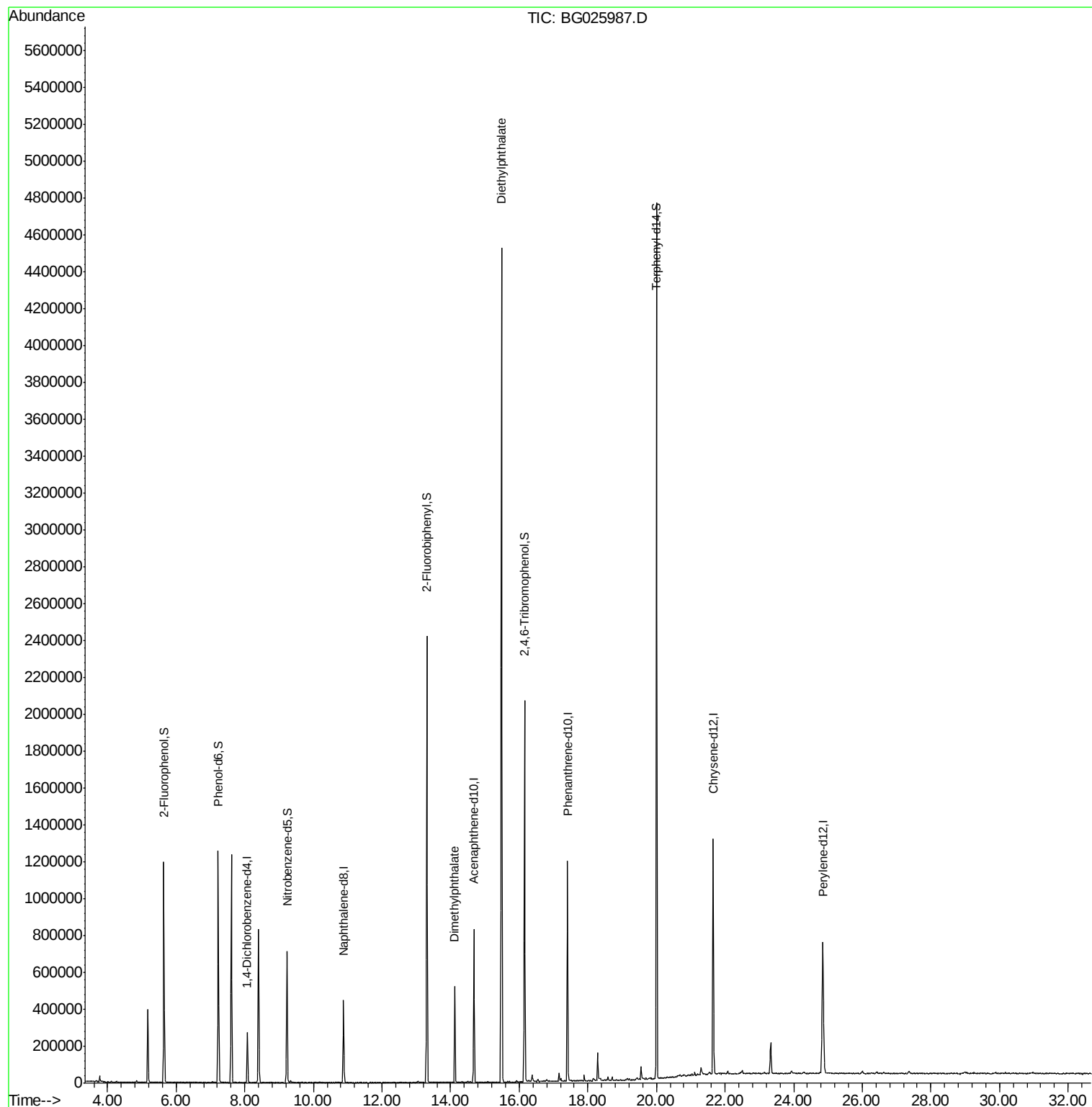
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	81671	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	397823	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	282591	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	761167	20.00	ng	0.00
75) Chrysene-d12	21.65	240	796874	20.00	ng	-0.03
86) Perylene-d12	24.85	264	765969	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	558420	119.04	ng	-0.01
7) Phenol-d6	7.23	99	828996	119.42	ng	0.00
23) Nitrobenzene-d5	9.23	82	436077	69.18	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	395988	151.67	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1302795	80.56	ng	-0.01
78) Terphenyl-d14	20.00	244	2024848	61.80	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	373748	19.28	ng	96
59) Diethylphthalate	15.48	149	2581542	128.74	ng	96

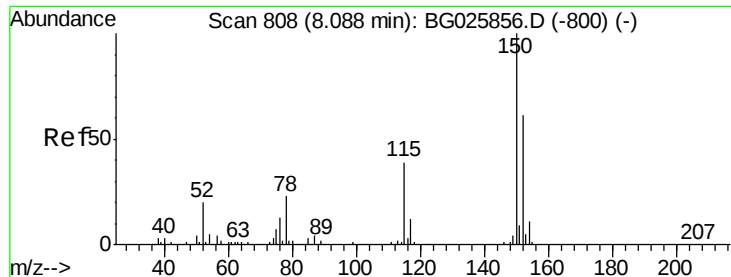
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

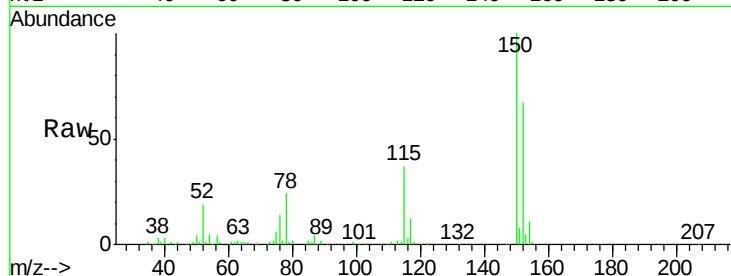
Tot Ion:152 Resp: 81671

Ion Ratio Lower Upper

152 100

150 149.2 114.0 171.0

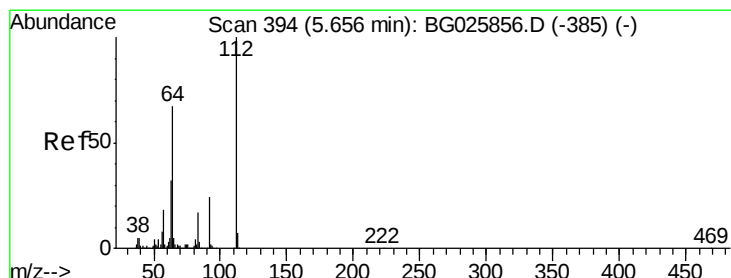
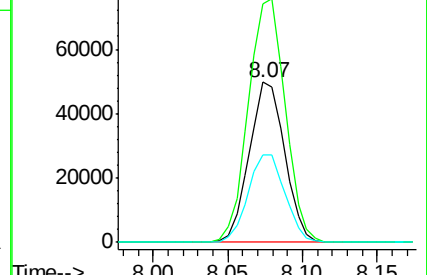
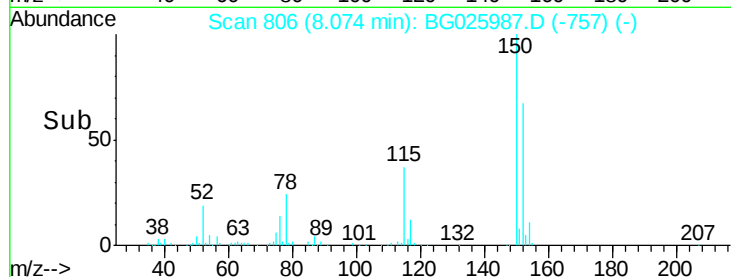
115 54.9 48.1 72.1



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: 119.04 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

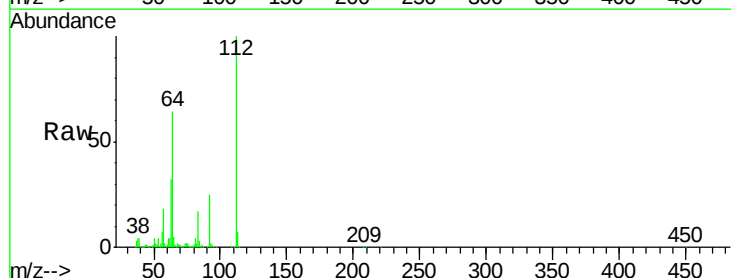
Tgt Ion:112 Resp: 558420

Ion Ratio Lower Upper

112 100

64 64.4 61.8 92.6

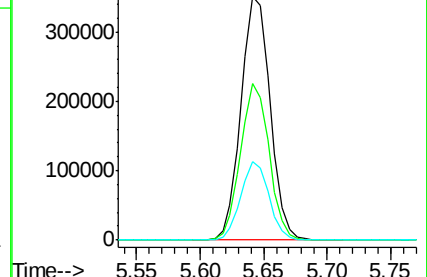
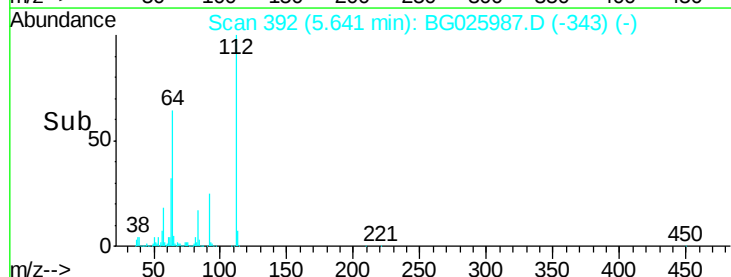
63 32.0 37.2 55.8#

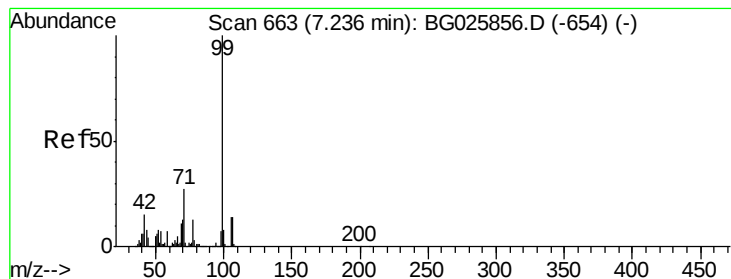


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.42 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

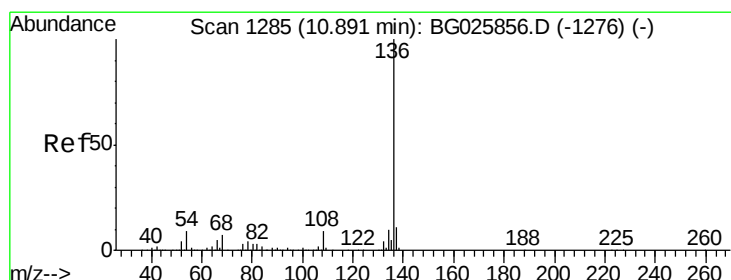
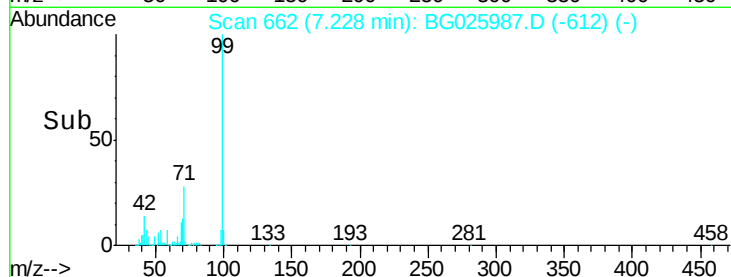
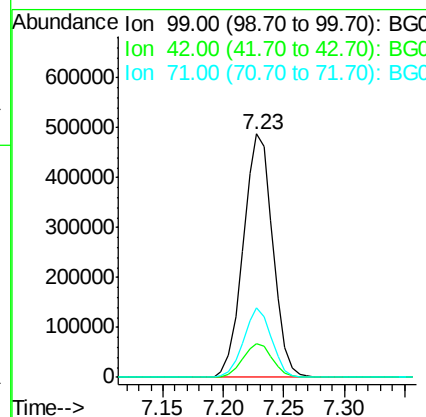
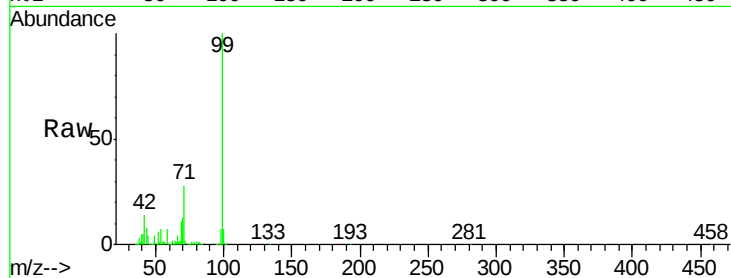
Tot Ion: 99 Resp: 828996

Ion Ratio Lower Upper

99 100

42 13.8 20.5 30.7#

71 28.5 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

Tgt Ion: 136 Resp: 397823

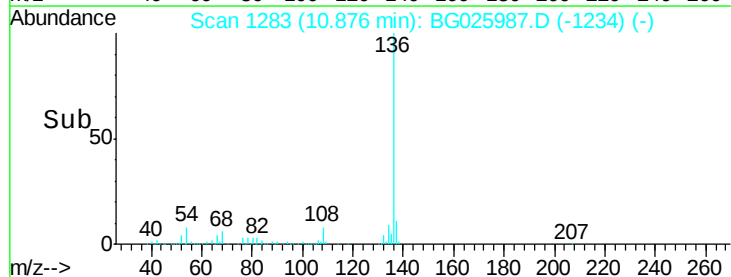
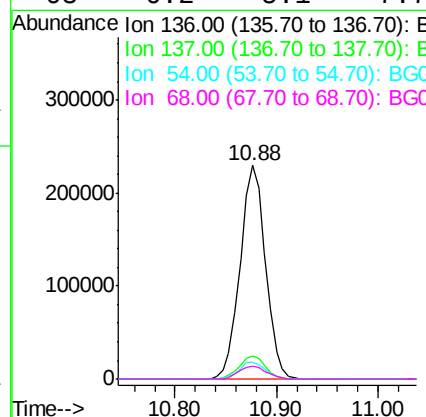
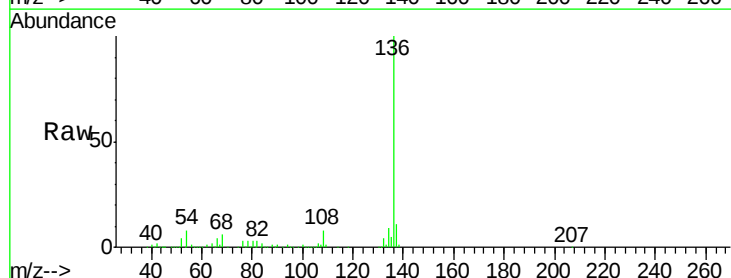
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.0 9.3 13.9#

68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 69.18 ng

RT: 9.23 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

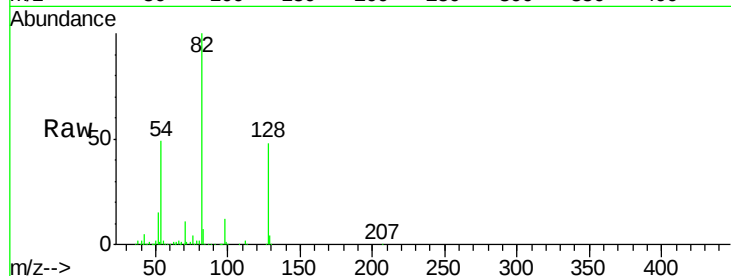
Tot Ion: 82 Resp: 436077

Ion Ratio Lower Upper

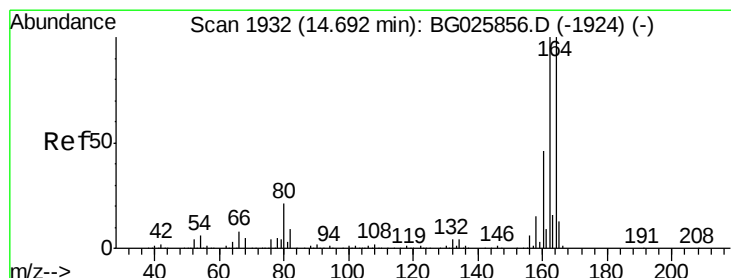
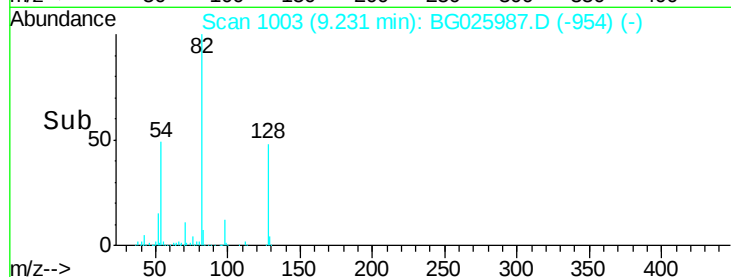
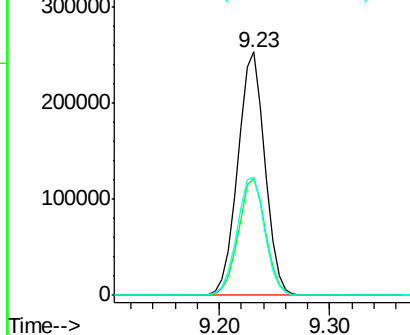
82 100

128 48.1 26.4 39.6#

54 48.7 49.4 74.2#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

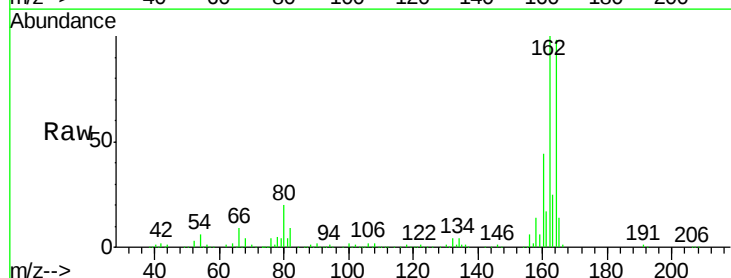
Tgt Ion: 164 Resp: 282591

Ion Ratio Lower Upper

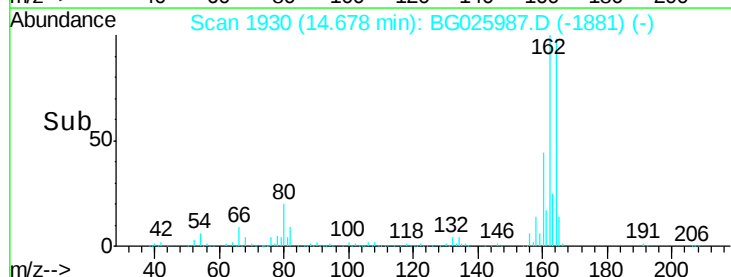
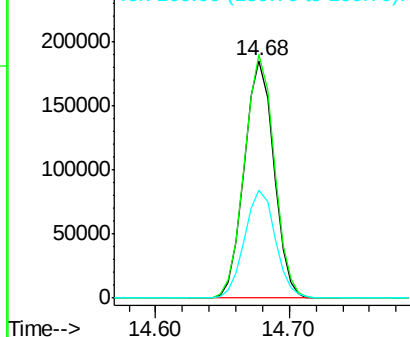
164 100

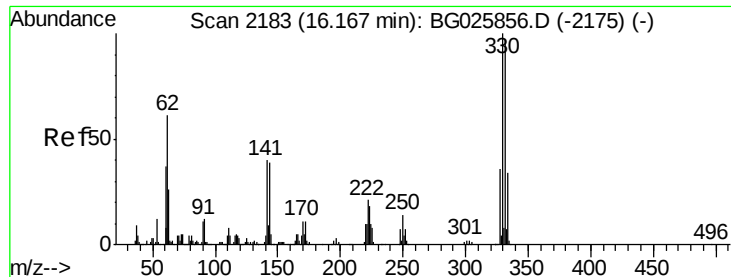
162 102.6 85.1 127.7

160 45.6 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

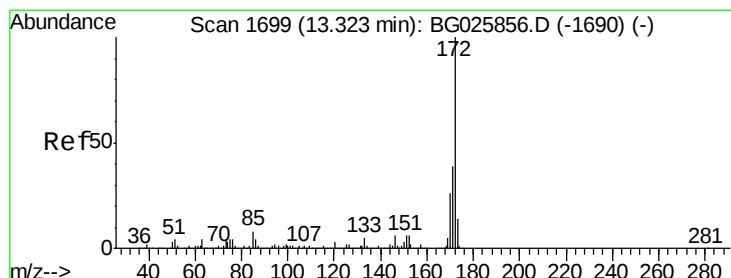
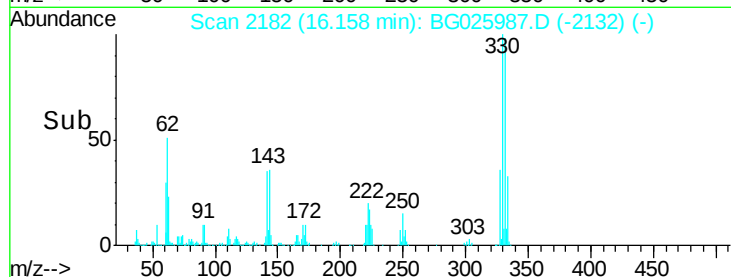
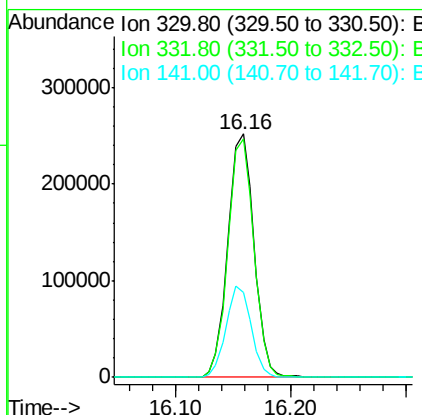
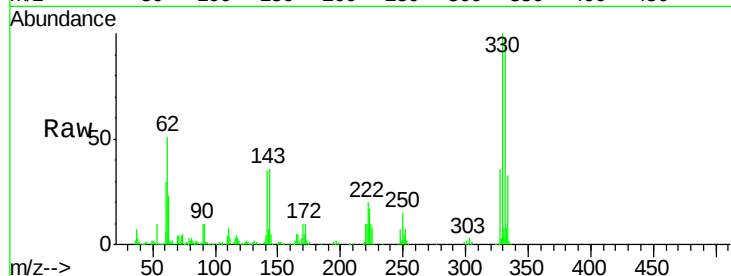




#41
2,4,6-Tribromophenol
Concen: 151.67 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025987.D
Acq: 28 Feb 2017 6:21

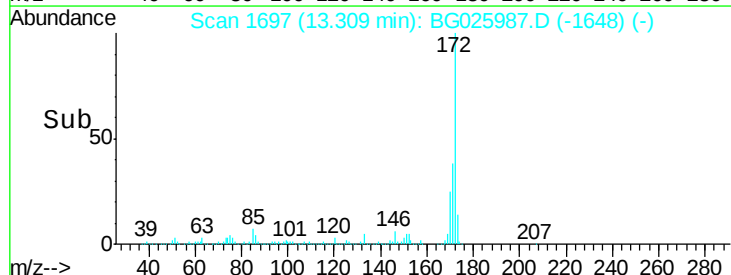
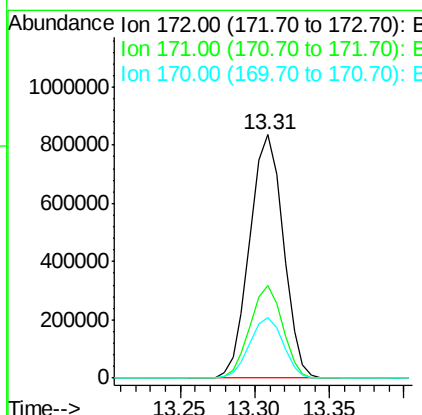
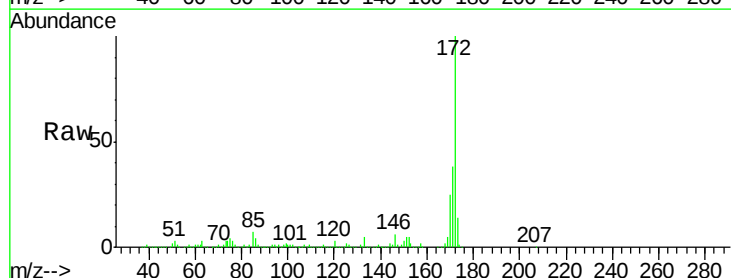
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

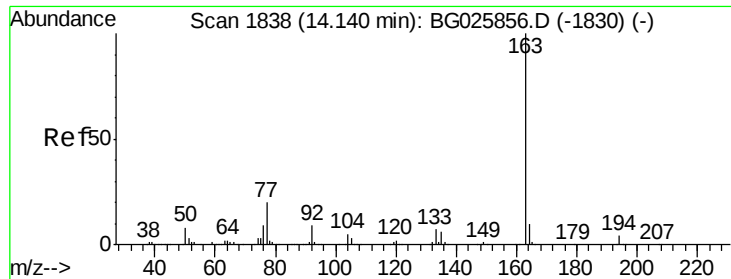
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	36.2	32.1	48.1



#44
2-Fluorobiphenyl
Concen: 80.56 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG025987.D
Acq: 28 Feb 2017 6:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	24.9	21.8	32.6





#49

Dimethylphthalate

Concen: 19.28 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

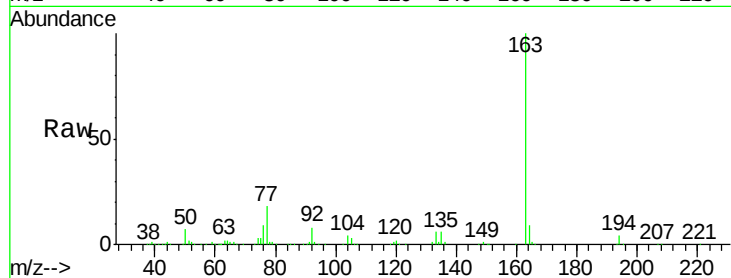
Tot Ion:163 Resp: 373748

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

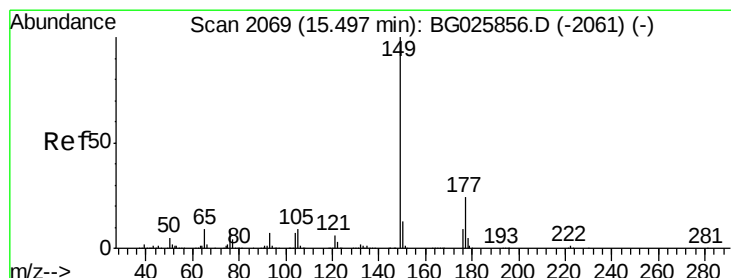
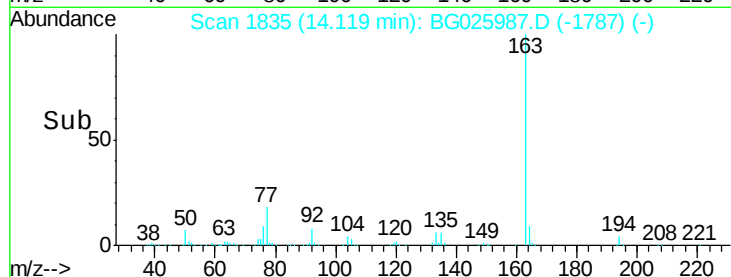
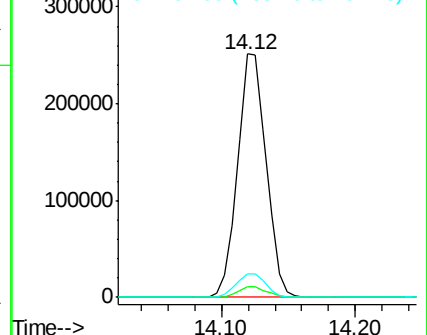
164 9.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#59

Diethylphthalate

Concen: 128.74 ng

RT: 15.48 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

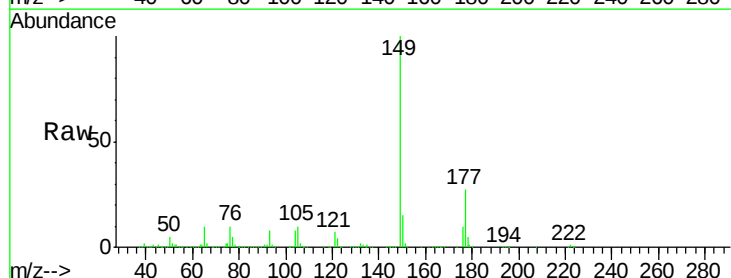
Tgt Ion:149 Resp: 2581542

Ion Ratio Lower Upper

149 100

177 27.1 20.1 30.1

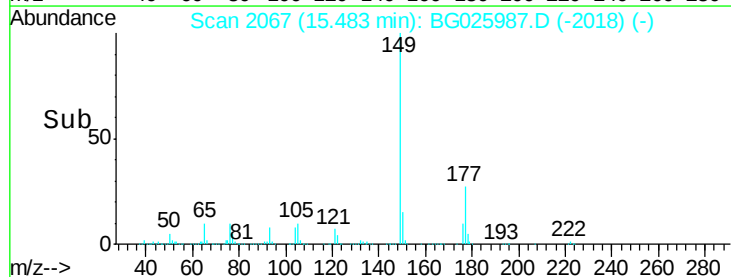
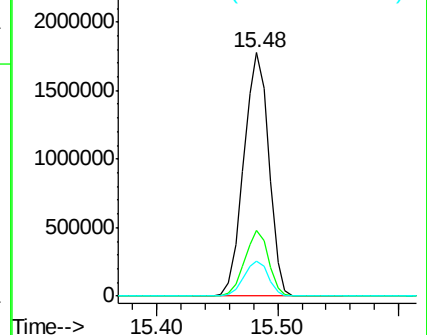
150 14.6 10.2 15.2

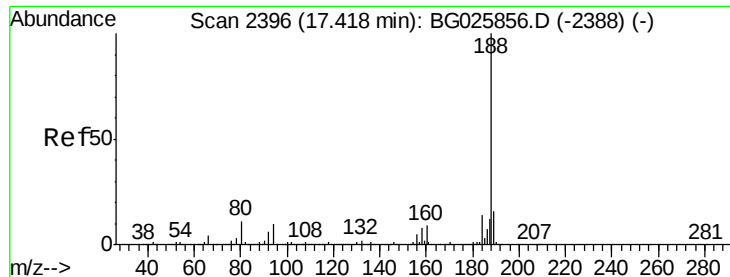


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

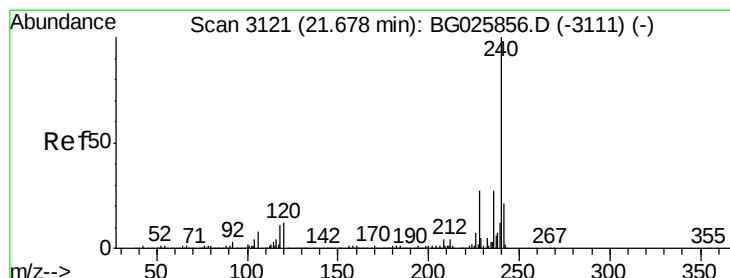
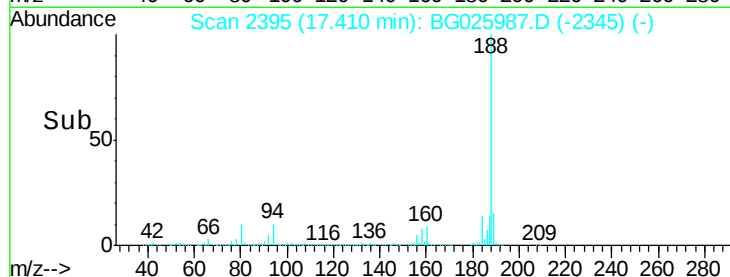
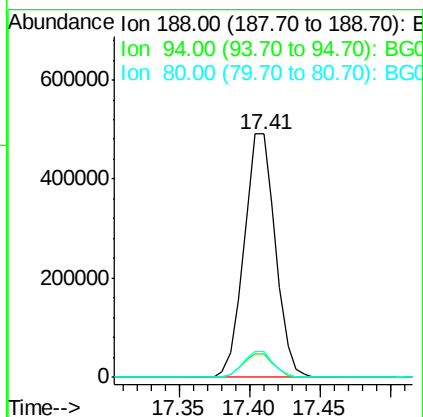
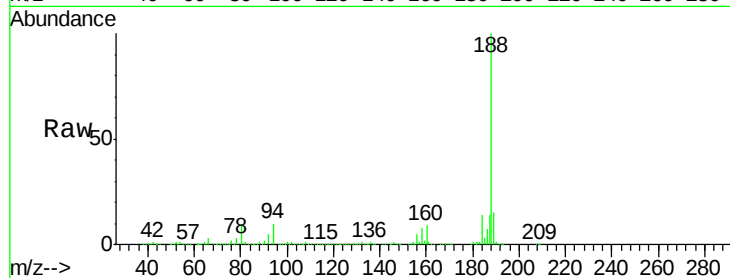




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG025987.D
Acq: 28 Feb 2017 6:21

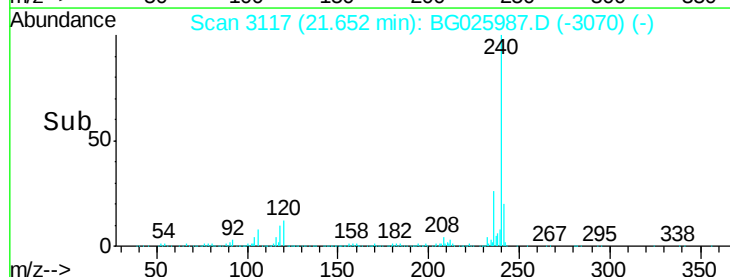
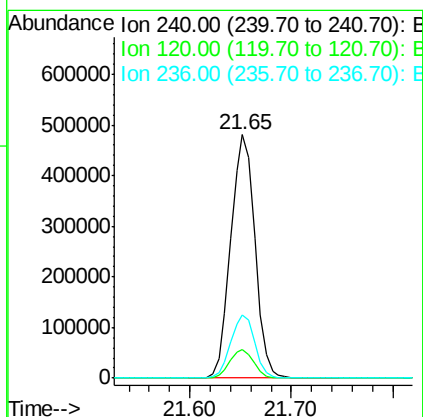
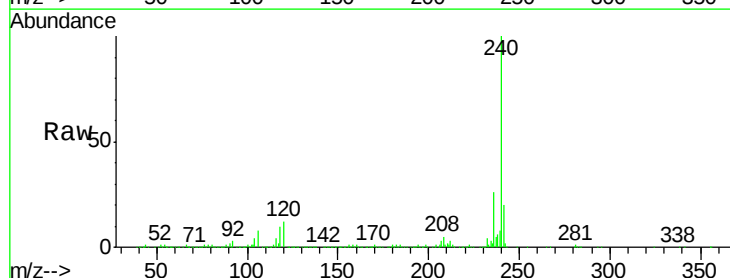
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

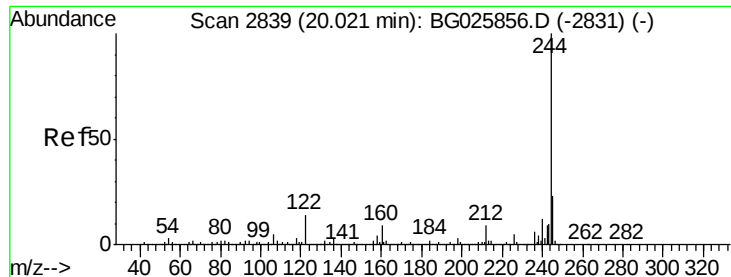
Tot Ion:188 Resp: 761167
Ion Ratio Lower Upper
188 100
94 9.9 5.8 8.8#
80 10.5 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3117
Delta R.T. -0.03 min
Lab File: BG025987.D
Acq: 28 Feb 2017 6:21

Tgt Ion:240 Resp: 796874
Ion Ratio Lower Upper
240 100
120 11.8 5.7 8.5#
236 25.7 22.2 33.4





#78

Terphenyl-d14

Concen: 61.80 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-CC9-CC10-CC11-CC12

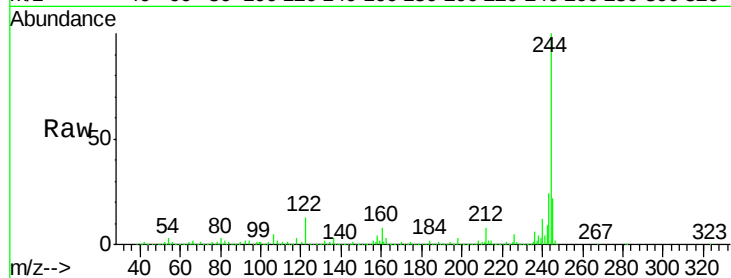
Tot Ion:244 Resp: 2024848

Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.0	15.0#
122	13.4	8.6	12.8#

244 100

212 8.3 10.0 15.0#

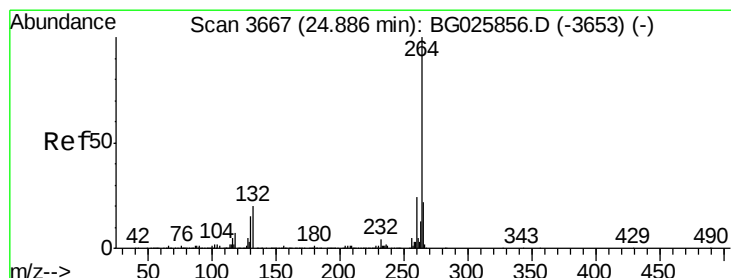
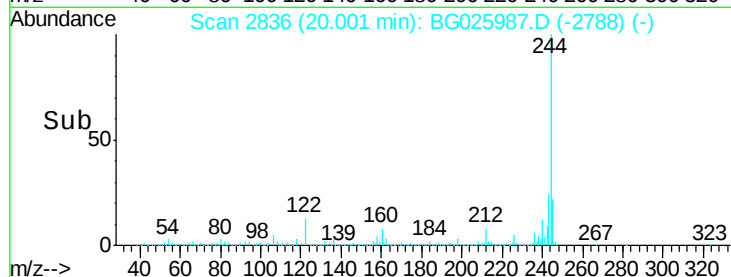
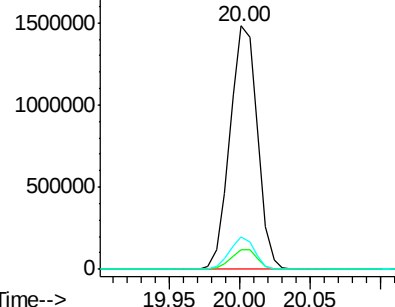
122 13.4 8.6 12.8#



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: 24.85 min Scan# 3661

Delta R.T. -0.04 min

Lab File: BG025987.D

Acq: 28 Feb 2017 6:21

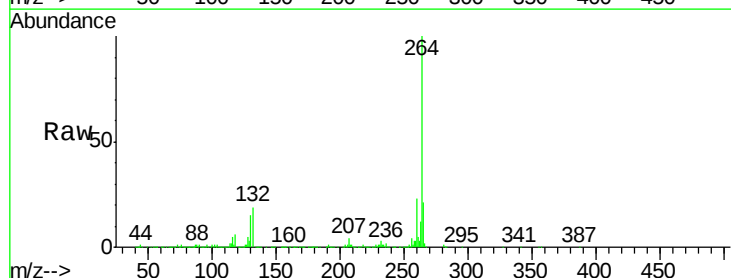
Tgt Ion:264 Resp: 765969

Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	20.5	18.2	27.4

264 100

260 23.5 21.8 32.8

265 20.5 18.2 27.4



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

