

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072015\
 Data File : BG017991.D
 Acq On : 20 Jul 2015 16:27
 Operator : TP/UM
 Sample : G2975-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-2(0-2)

Quant Time: Jul 20 17:18:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

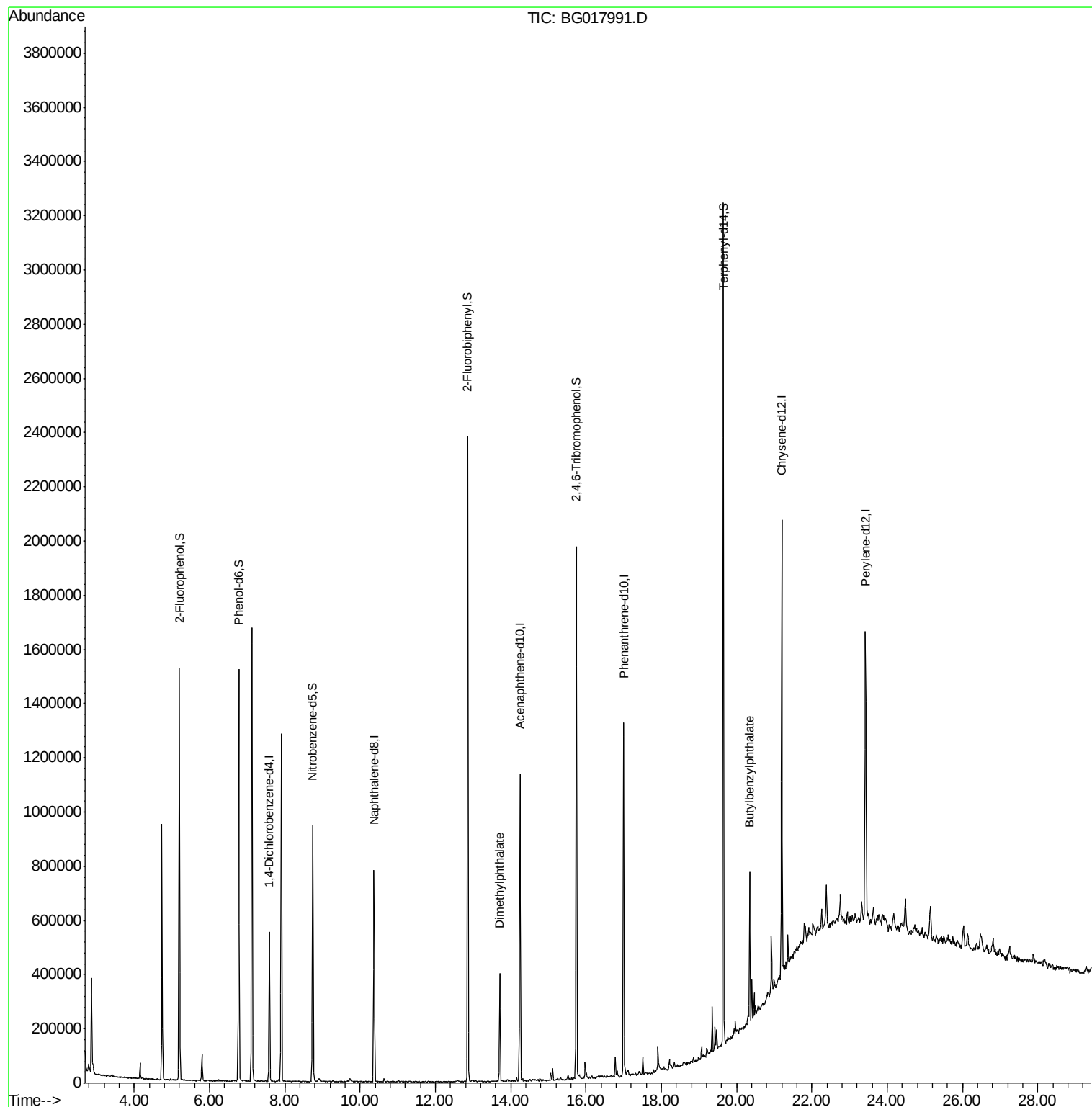
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	152353	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	655676	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	398583	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	765949	20.00	ng	0.00
75) Chrysene-d12	21.20	240	769784	20.00	ng	0.00
86) Perylene-d12	23.42	264	807011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	706929	80.94	ng	0.00
7) Phenol-d6	6.78	99	911809	79.69	ng	0.01
23) Nitrobenzene-d5	8.74	82	544878	53.82	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	356587	88.30	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1216276	52.88	ng	0.00
78) Terphenyl-d14	19.64	244	1352700	44.26	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	873	Below Cal	#	34
49) Dimethylphthalate	13.71	163	262104	9.47 ng		100
53) 2,4-Dinitrophenol	14.42	184	62	Below Cal	#	24
64) 4,6-Dinitro-2-methylphenol	15.34	198	65	Below Cal	#	1
69) Pentachlorophenol	16.66	266	280	Below Cal	#	57
79) Butylbenzylphthalate	20.35	149	169461	8.81 ng	#	84

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

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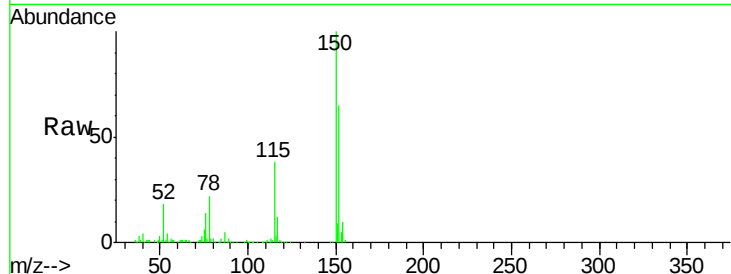


#1

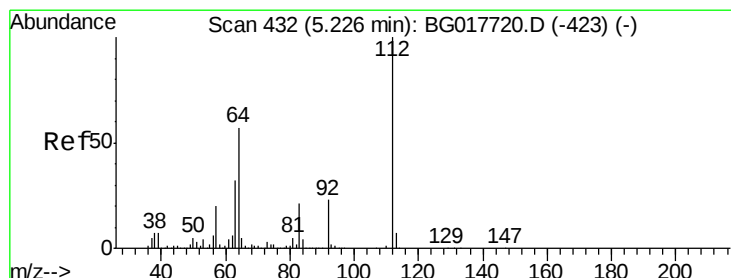
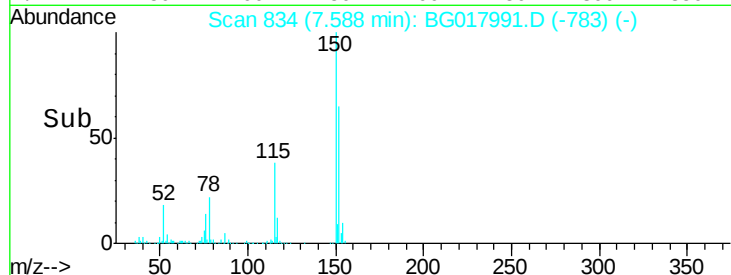
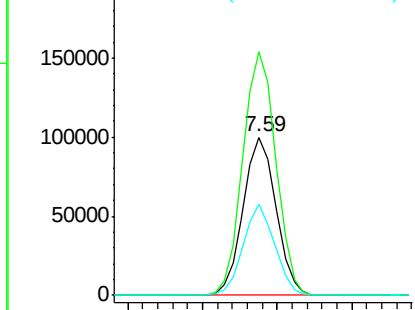
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG017991.D
Acq: 20 Jul 2015 16:27

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-2(0-2)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	119.1	178.7
115	58.0	47.0	70.4



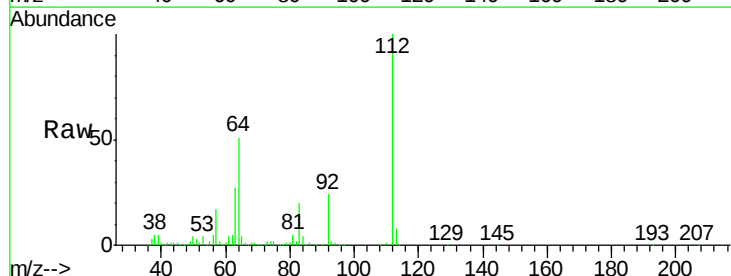
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



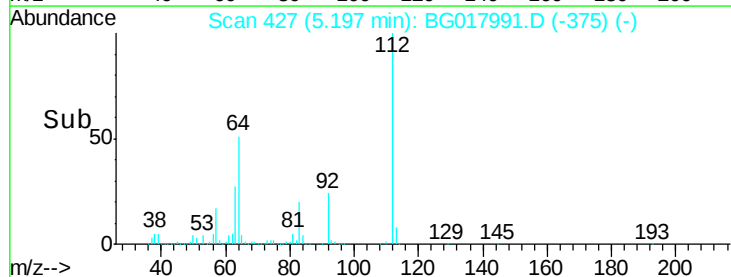
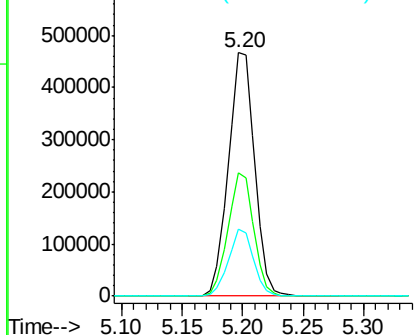
#5

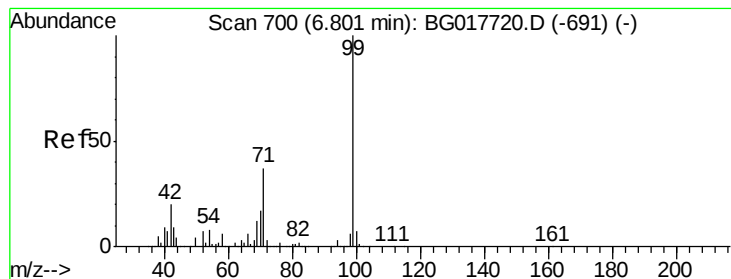
2-Fluorophenol
Concen: 80.94 ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017991.D
Acq: 20 Jul 2015 16:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	45.4	68.0
63	27.4	25.3	37.9



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: 79.69 ng

RT: 6.78 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG017991.D

Acq: 20 Jul 2015 16:27

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-2(0-2)

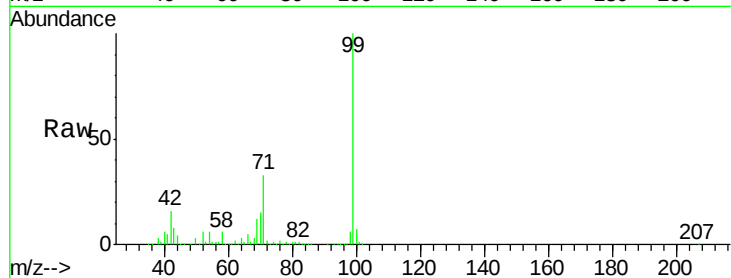
Tgt Ion: 99 Resp: 911809

Ion Ratio Lower Upper

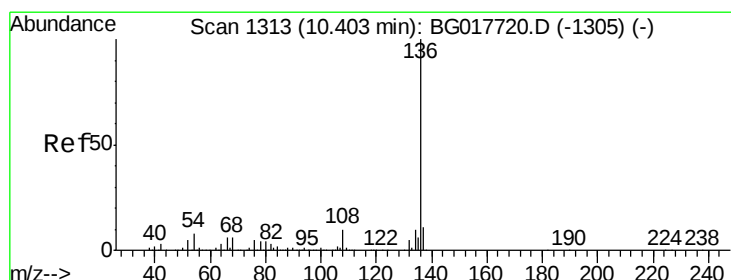
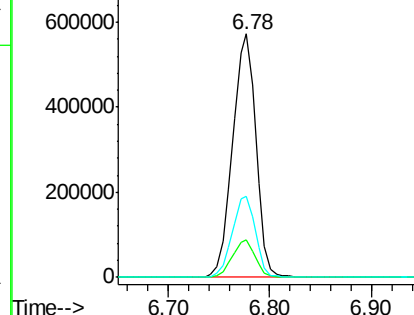
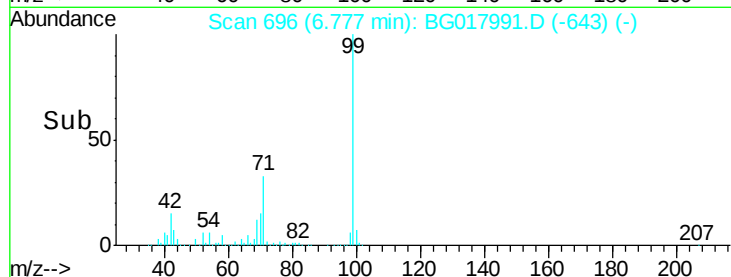
99 100

42 15.5 16.2 24.4#

71 33.1 29.5 44.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.37 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG017991.D

Acq: 20 Jul 2015 16:27

Tgt Ion: 136 Resp: 655676

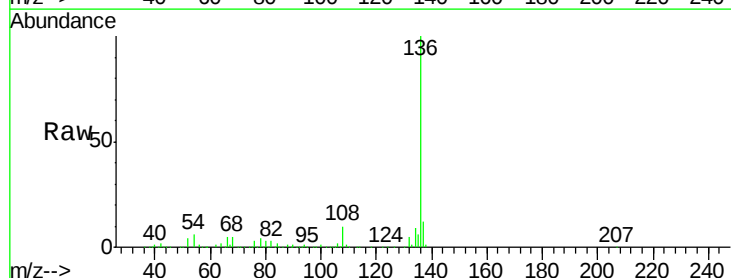
Ion Ratio Lower Upper

136 100

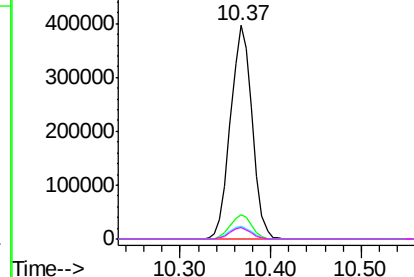
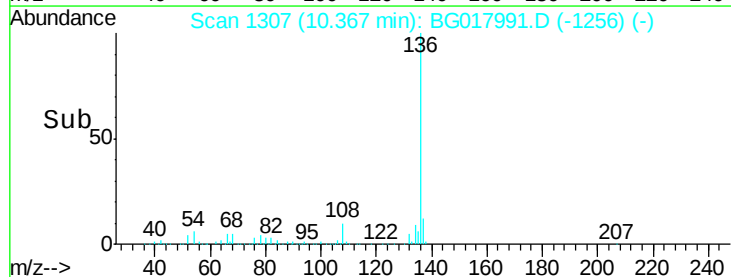
137 11.6 8.8 13.2

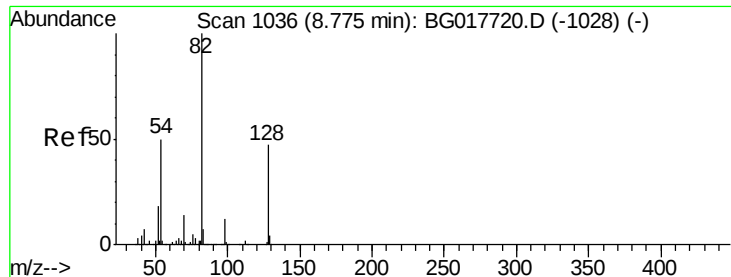
54 5.8 6.6 9.8#

68 5.3 5.1 7.7



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





#23

Nitrobenzene-d5

Concen: 53.82 ng

RT: 8.74 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG017991.D

Acq: 20 Jul 2015 16:27

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-2(0-2)

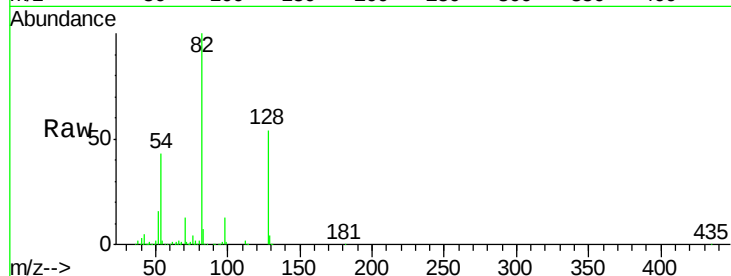
Tgt Ion: 82 Resp: 544878

Ion Ratio Lower Upper

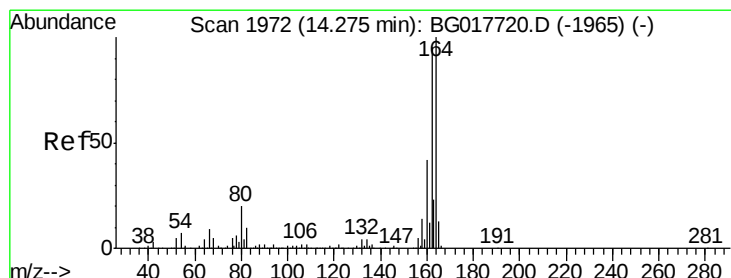
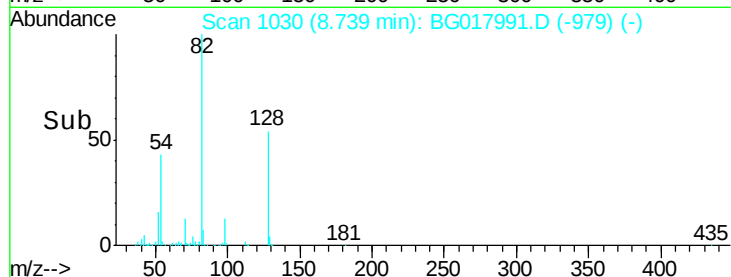
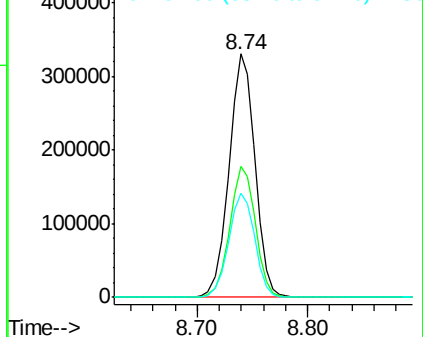
82 100

128 53.8 37.8 56.6

54 42.7 39.9 59.9



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: 14.24 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG017991.D

Acq: 20 Jul 2015 16:27

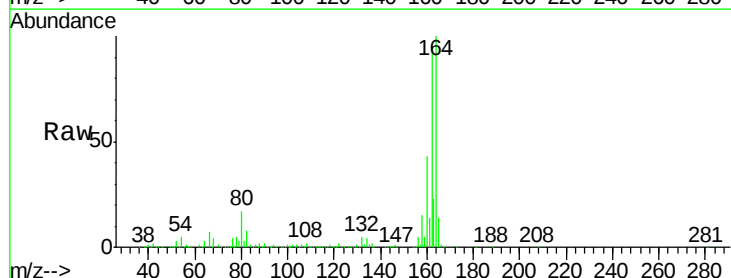
Tgt Ion: 164 Resp: 398583

Ion Ratio Lower Upper

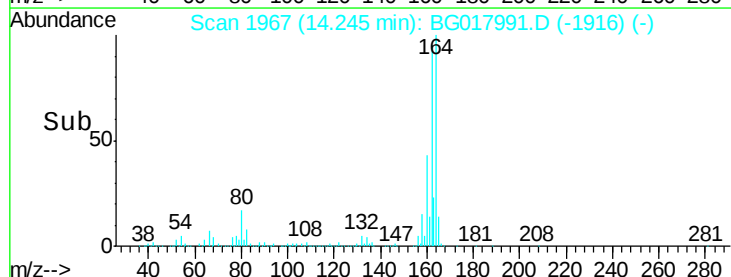
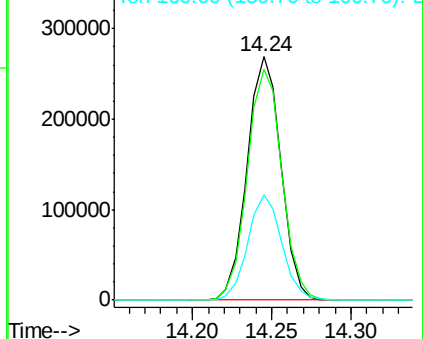
164 100

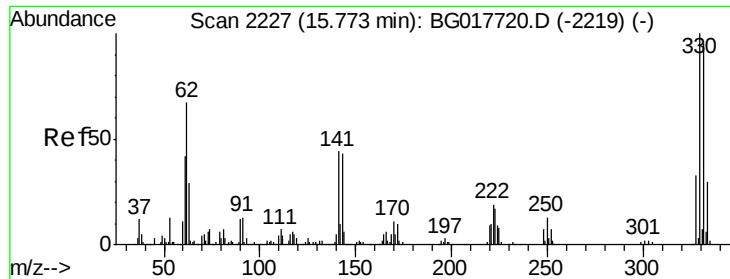
162 94.9 76.3 114.5

160 43.4 33.7 50.5



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

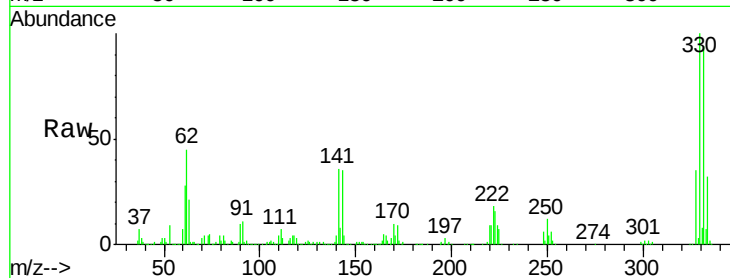




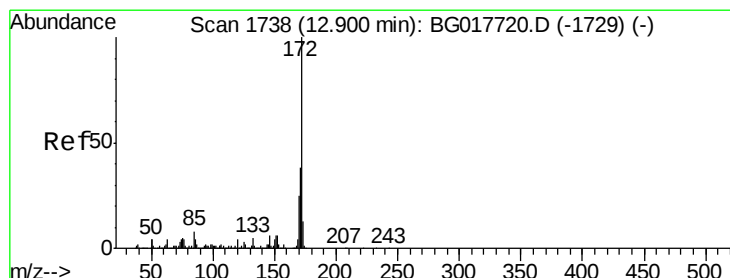
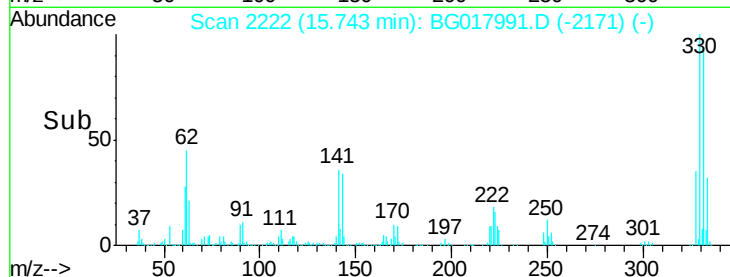
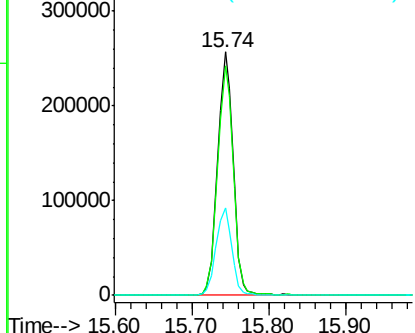
#41
 2,4,6-Tribromophenol
 Concen: 88.30 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG017991.D
 Acq: 20 Jul 2015 16:27

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-2(0-2)

Tgt Ion:330 Resp: 356587
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.8 115.2
 141 36.5 38.0 57.0#

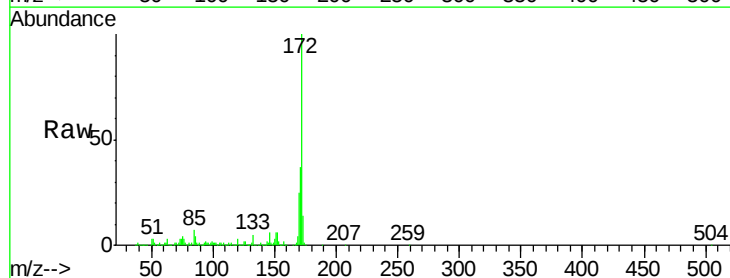


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

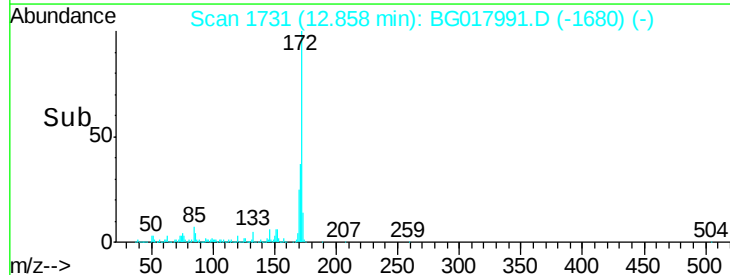
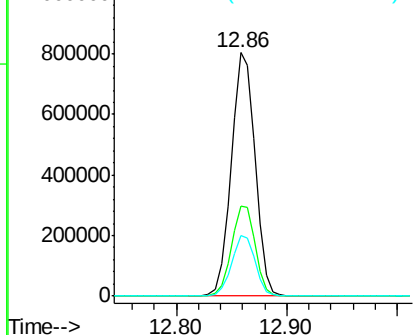


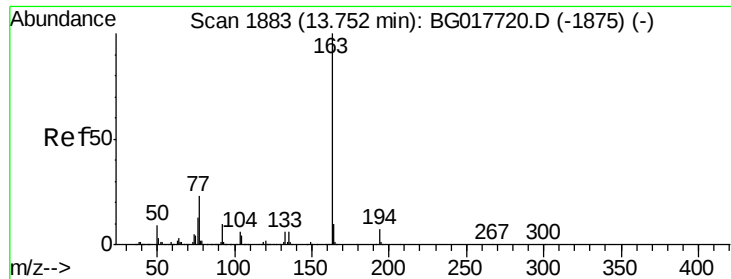
#44
 2-Fluorobiphenyl
 Concen: 52.88 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG017991.D
 Acq: 20 Jul 2015 16:27

Tgt Ion:172 Resp: 1216276
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.7 46.1
 170 24.9 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 9.47 ng

RT: 13.71 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG017991.D

Acq: 20 Jul 2015 16:27

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-2(0-2)

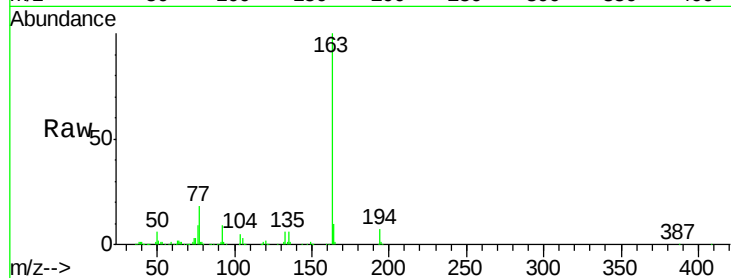
Tgt Ion:163 Resp: 262104

Ion Ratio Lower Upper

163 100

194 6.9 5.8 8.6

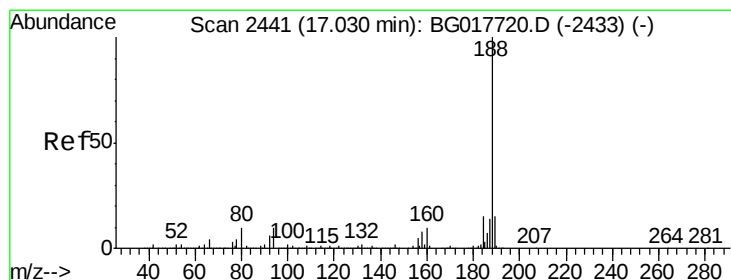
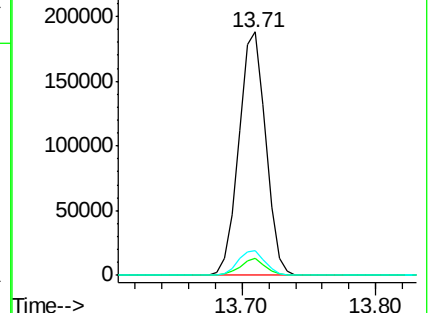
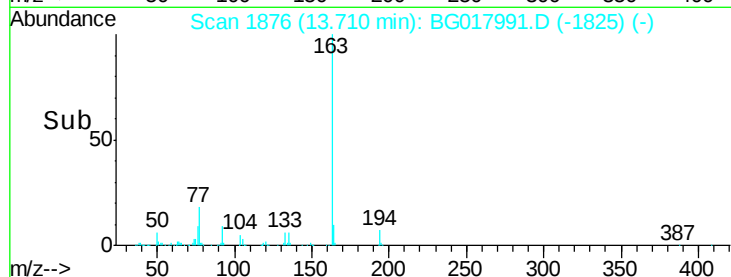
164 10.4 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.00 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG017991.D

Acq: 20 Jul 2015 16:27

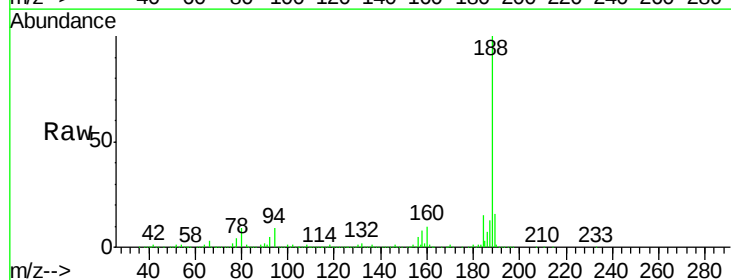
Tgt Ion:188 Resp: 765949

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

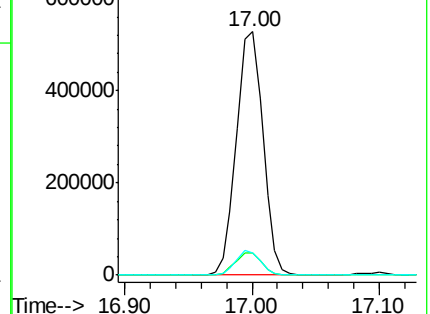
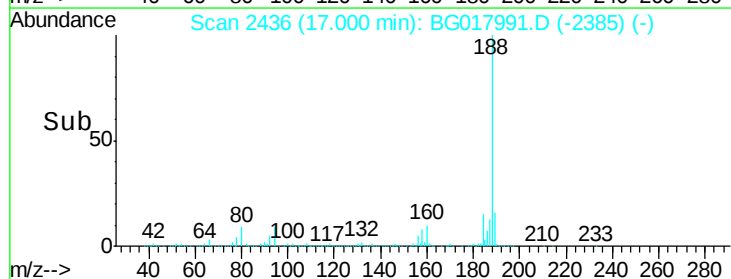
80 9.1 8.2 12.4

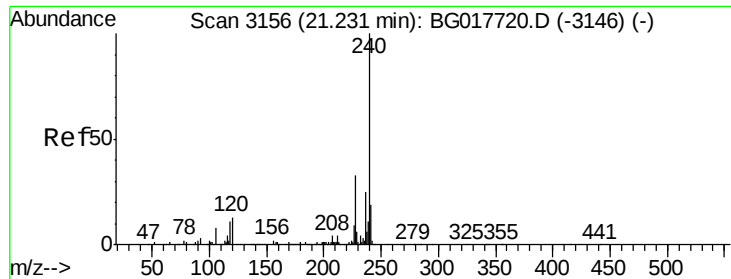


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

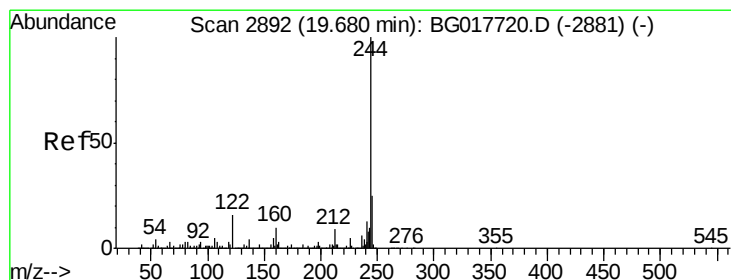
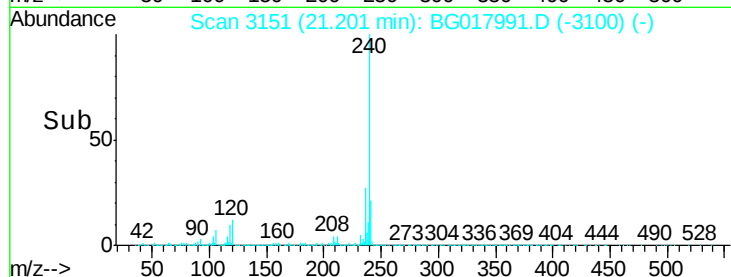
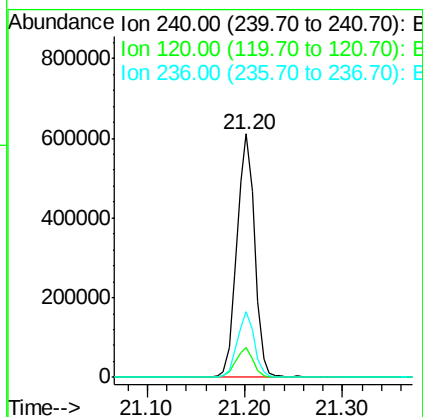
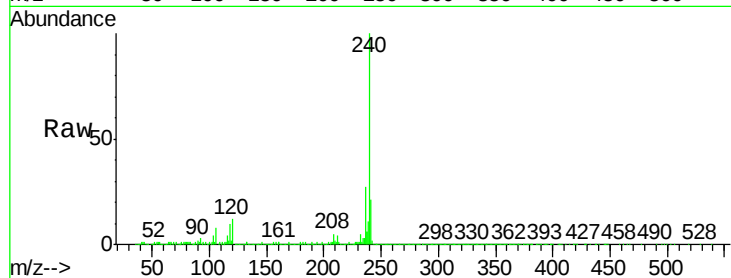




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG017991.D
Acq: 20 Jul 2015 16:27

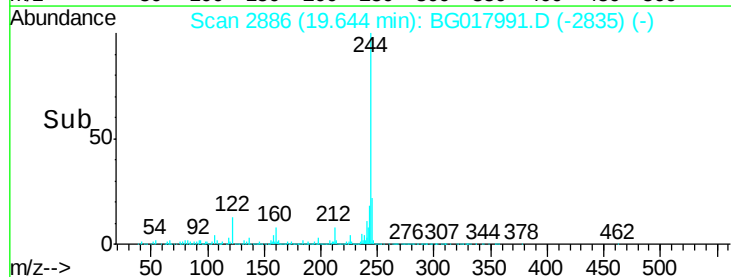
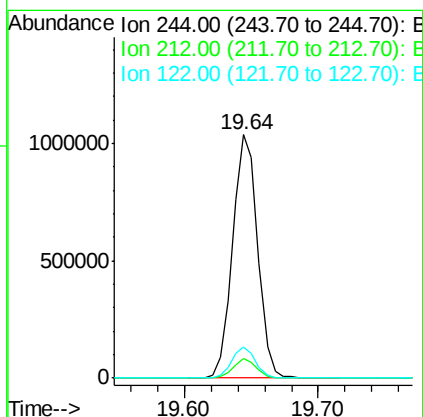
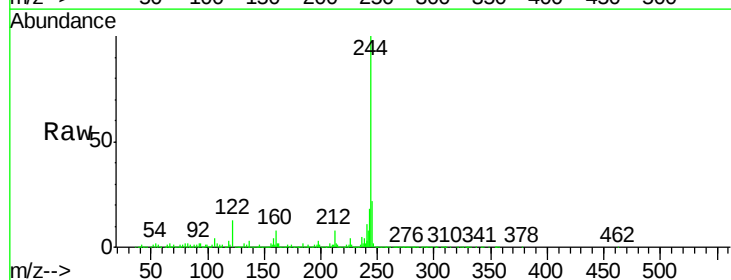
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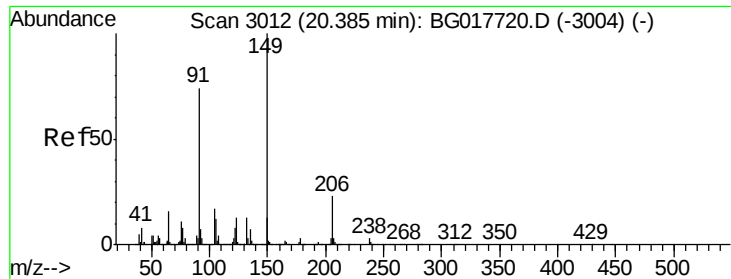
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.8	16.2
236	26.8	20.0	30.0



#78
Terphenyl-d14
Concen: 44.26 ng
RT: 19.64 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG017991.D
Acq: 20 Jul 2015 16:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.2	10.8
122	12.6	12.8	19.2





#79

Butylbenzylphthalate

Concen: 8.81 ng

RT: 20.35 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG017991.D

Acq: 20 Jul 2015 16:27

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-2(0-2)

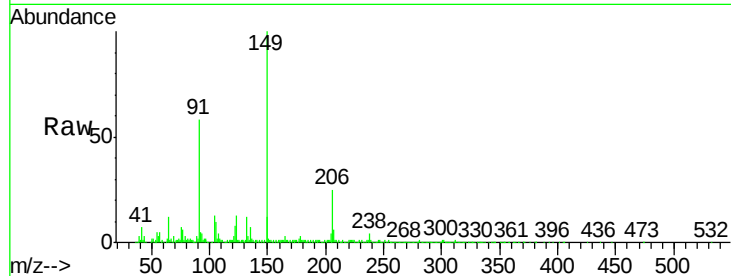
Tgt Ion:149 Resp: 169461

Ion Ratio Lower Upper

149 100

91 58.3 59.5 89.3#

206 25.2 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

20.35

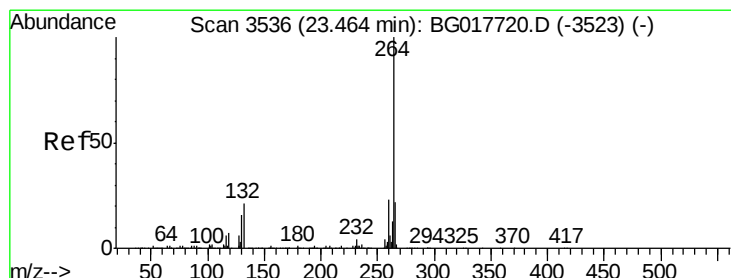
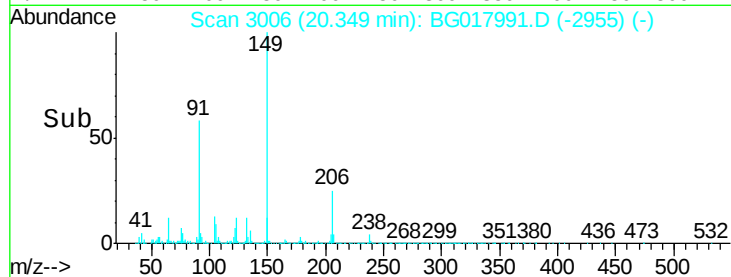
150000

100000

50000

0

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.42 min Scan# 3529

Delta R.T. 0.01 min

Lab File: BG017991.D

Acq: 20 Jul 2015 16:27

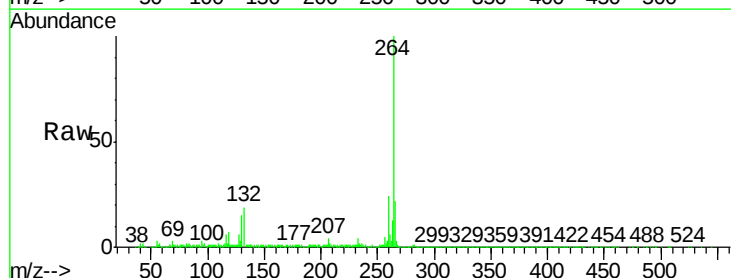
Tgt Ion:264 Resp: 807011

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 22.1 18.2 27.2



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

23.42

500000

400000

300000

200000

100000

0

Time-->

