

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
 Data File : BF084915.D
 Acq On : 6 Feb 2016 16:49
 Operator : SJ/IZ
 Sample : H1338-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Feb 08 02:49:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

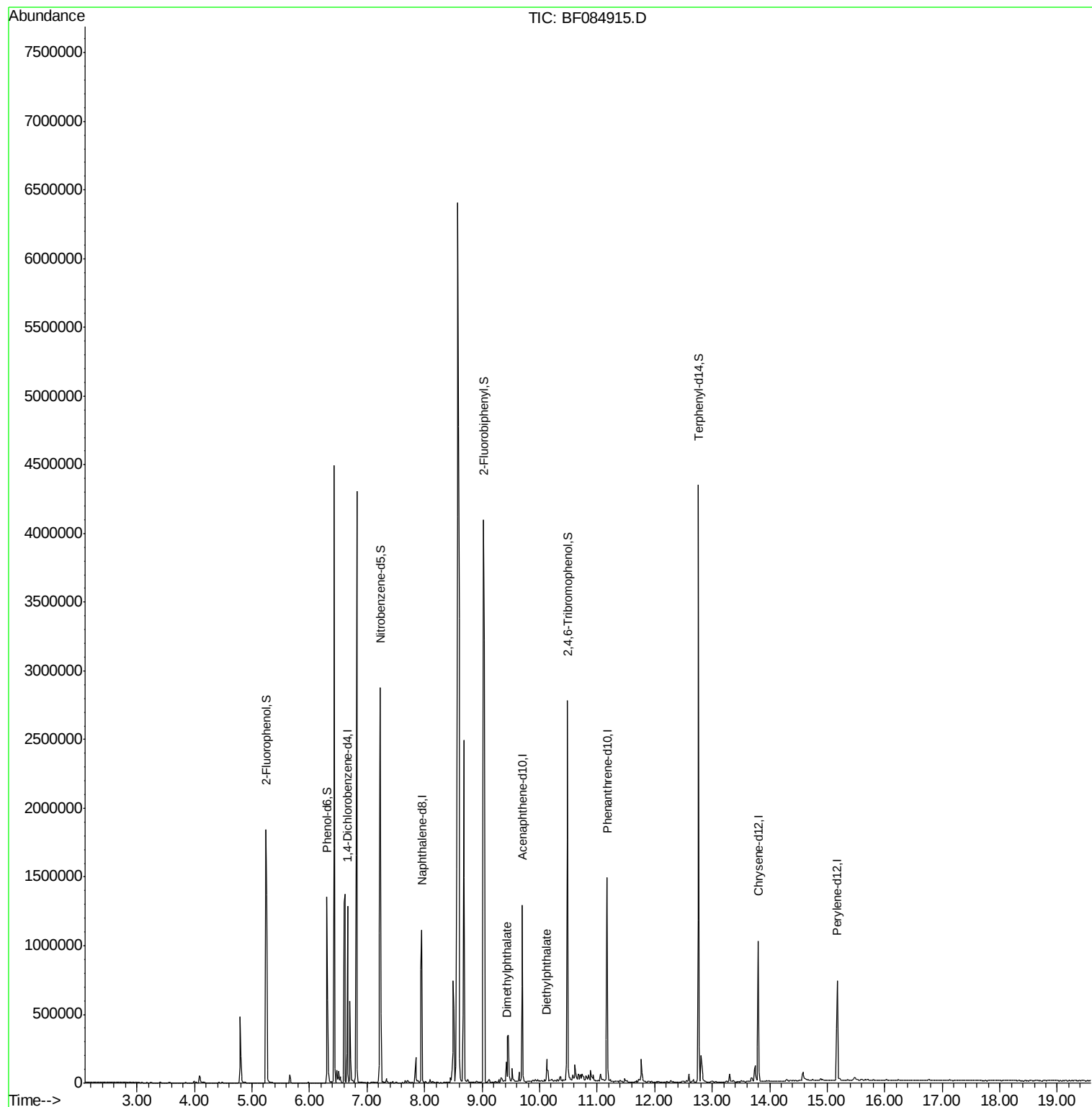
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	171187	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	671582	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	297410	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	510407	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	345666	20.00	ng	-0.03
86) Perylene-d12	15.17	264	323001	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	678644	61.75	ng	-0.03
7) Phenol-d6	6.30	99	521045	38.24	ng	-0.03
23) Nitrobenzene-d5	7.23	82	1001550	84.01	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	407728	131.43	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1899514	131.38	ng	-0.03
78) Terphenyl-d14	12.76	244	1275455	83.61	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.42	163	49082	2.17	ng	Qvalue # 90
59) Diethylphthalate	10.12	149	56915	2.57	ng	96

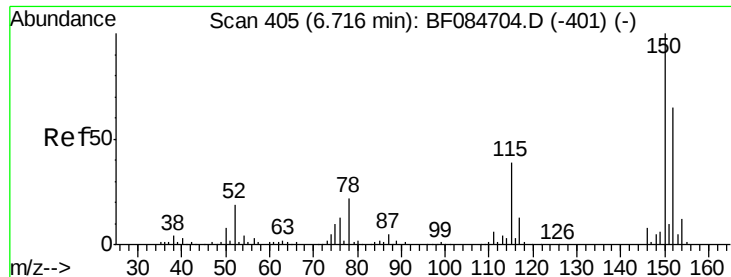
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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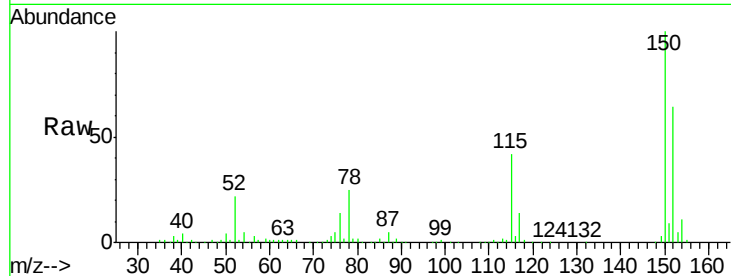


#1

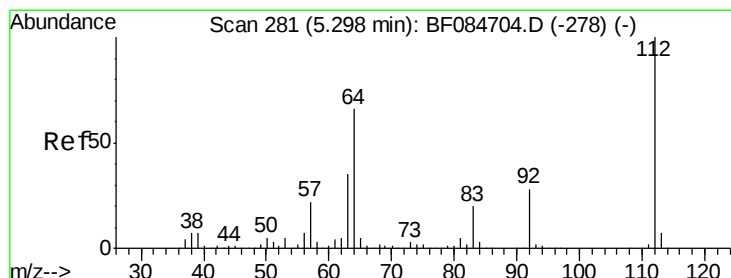
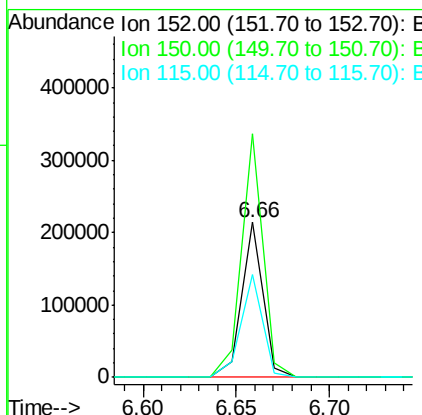
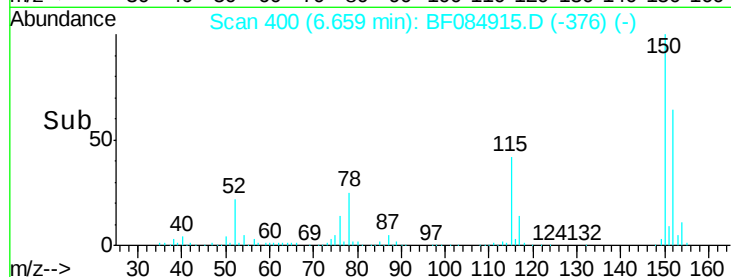
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084915.D
Acq: 6 Feb 2016 16:49

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:152 Resp: 171187
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.4
115 66.1 51.4 77.2



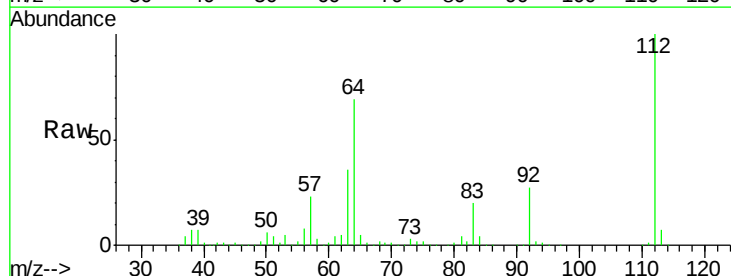
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



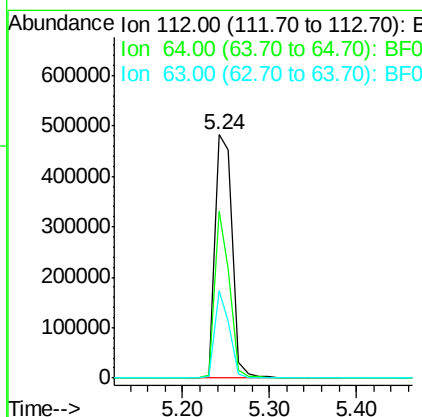
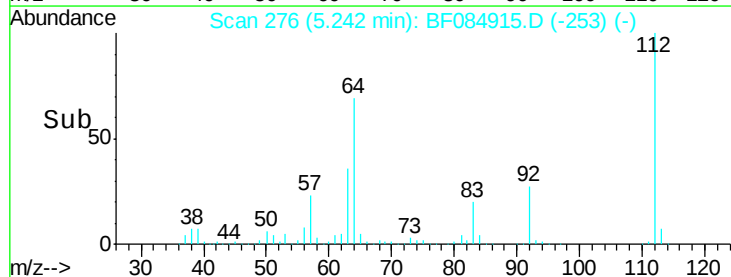
#5

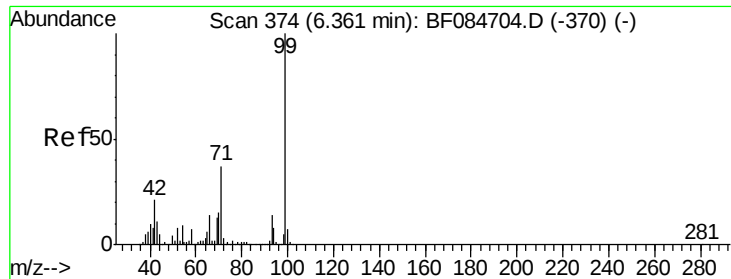
2-Fluorophenol
Concen: 61.75 ng
RT: 5.24 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF084915.D
Acq: 6 Feb 2016 16:49

Tgt Ion:112 Resp: 678644
Ion Ratio Lower Upper
112 100
64 68.7 36.6 55.0#
63 35.9 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.24 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084915.D

Acq: 6 Feb 2016 16:49

Instrument :

BNA_F

ClientSampleId :

MW-1

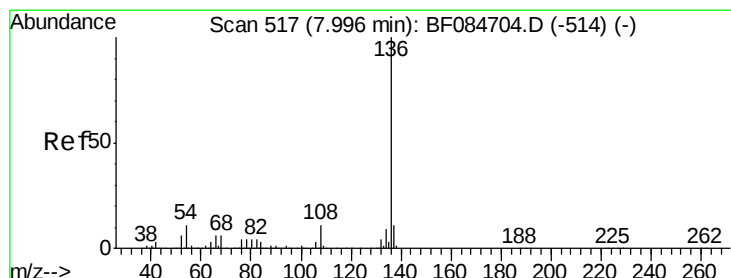
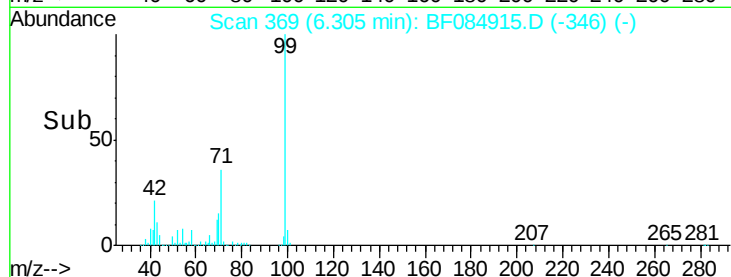
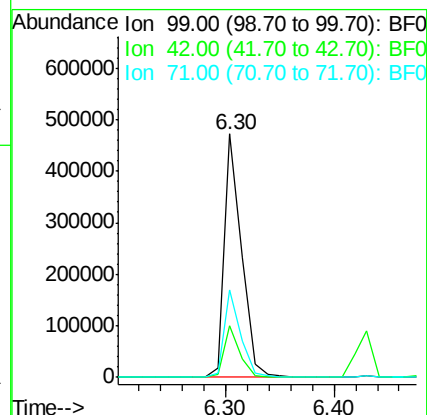
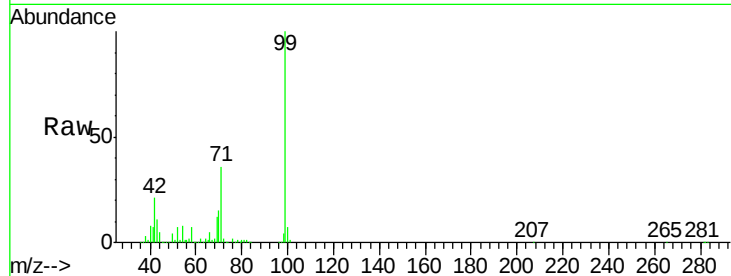
Tot Ion: 99 Resp: 521045

Ion Ratio Lower Upper

99 100

42 21.1 12.8 19.2#

71 35.9 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084915.D

Acq: 6 Feb 2016 16:49

Tgt Ion: 136 Resp: 671582

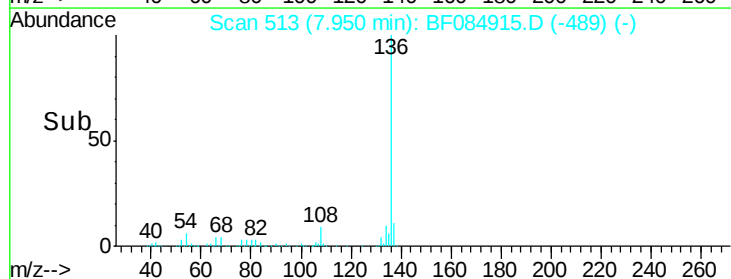
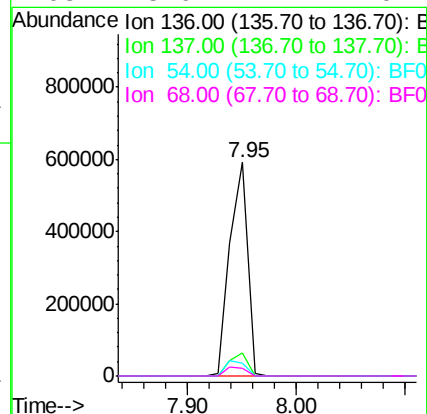
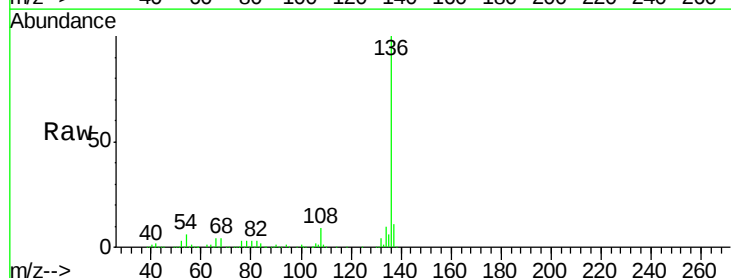
Ion Ratio Lower Upper

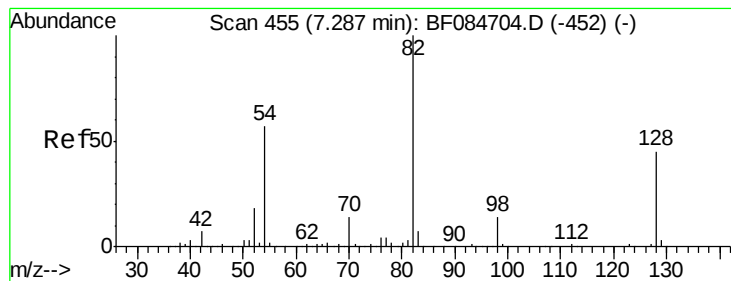
136 100

137 10.8 8.7 13.1

54 6.1 5.8 8.8

68 3.9 4.2 6.2#





#23

Nitrobenzene-d5

Concen: 84.01 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF084915.D

Acq: 6 Feb 2016 16:49

Instrument :

BNA_F

ClientSampleId :

MW-1

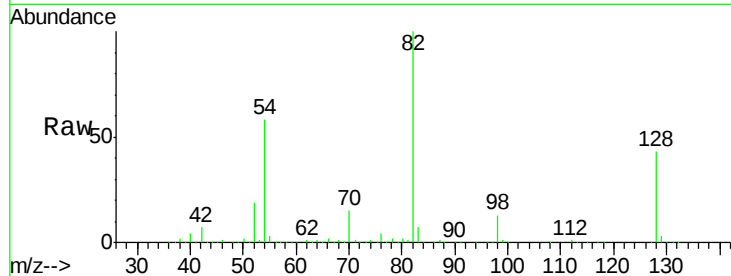
Tot Ion: 82 Resp: 1001550

Ion Ratio Lower Upper

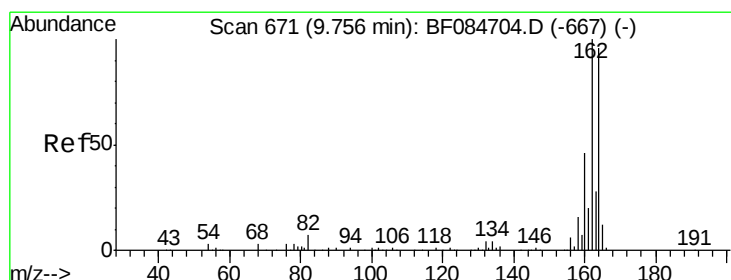
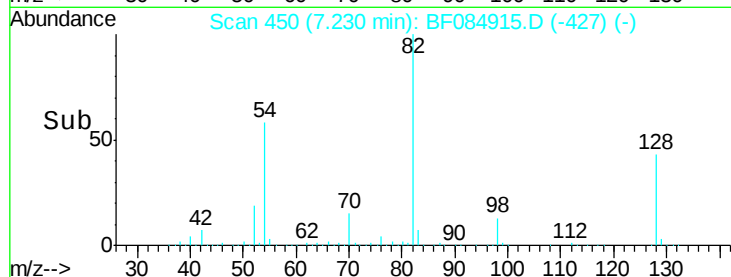
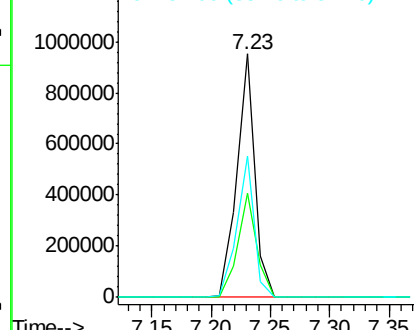
82 100

128 43.0 34.6 51.8

54 57.8 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084915.D

Acq: 6 Feb 2016 16:49

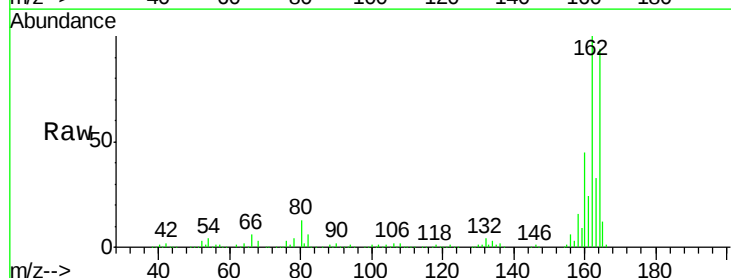
Tgt Ion:164 Resp: 297410

Ion Ratio Lower Upper

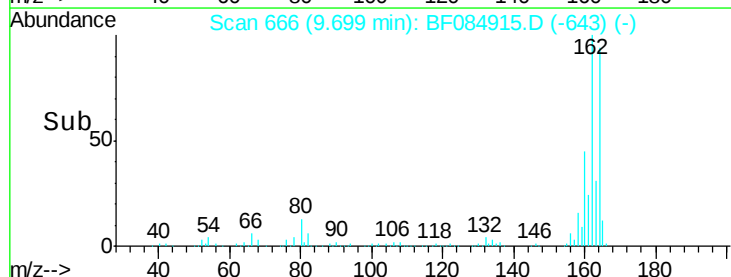
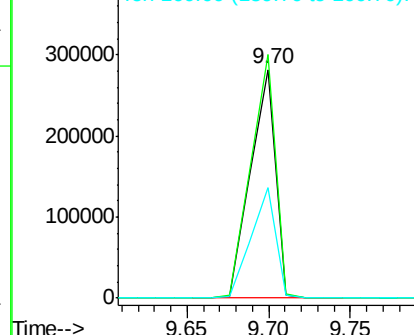
164 100

162 106.6 85.1 127.7

160 48.1 37.5 56.3



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

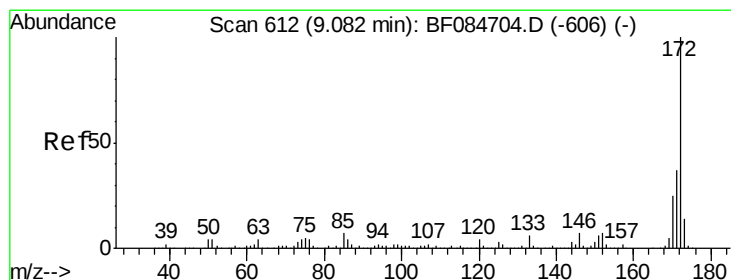
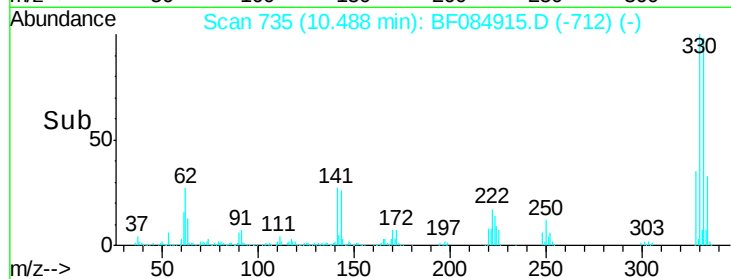
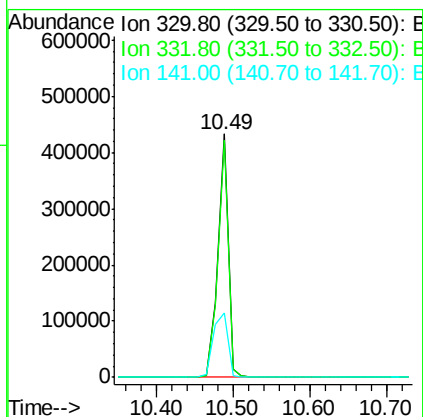
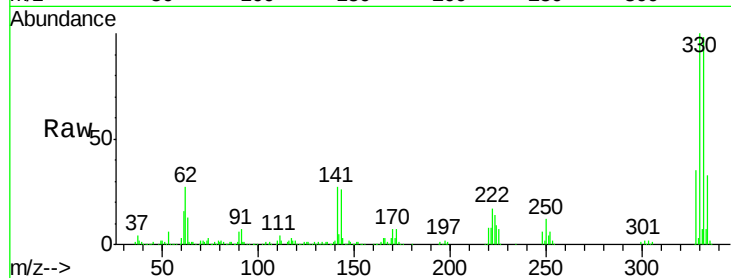




#41
 2,4,6-Tribromophenol
 Concen: 131.43 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084915.D
 Acq: 6 Feb 2016 16:49

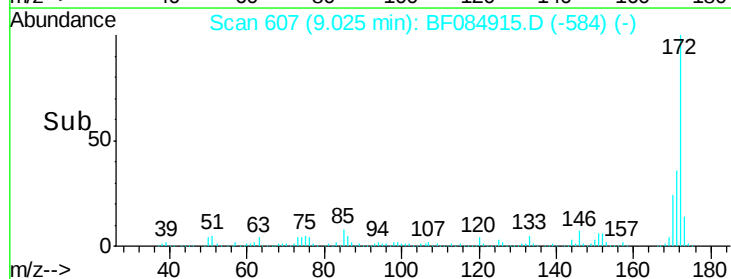
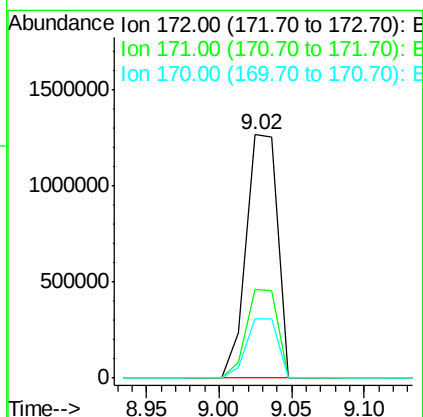
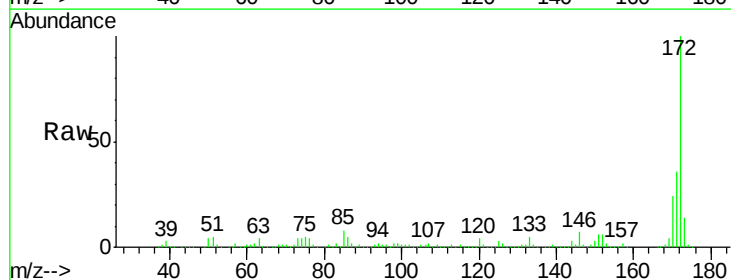
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

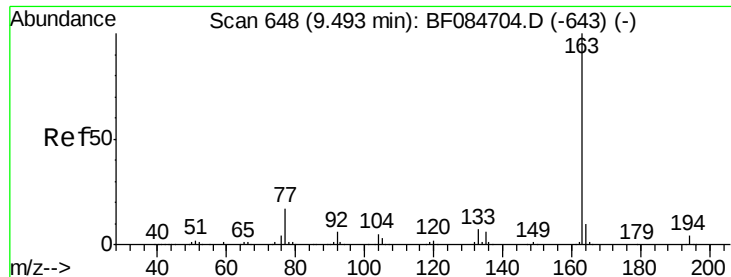
Tot Ion:330 Resp: 407728
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 37.1 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 131.38 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084915.D
 Acq: 6 Feb 2016 16:49

Tgt Ion:172 Resp: 1899514
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.4 18.6 27.8

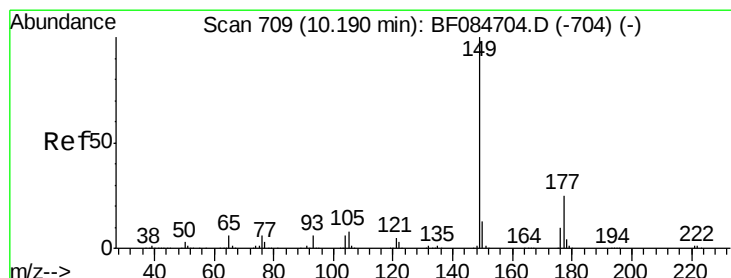
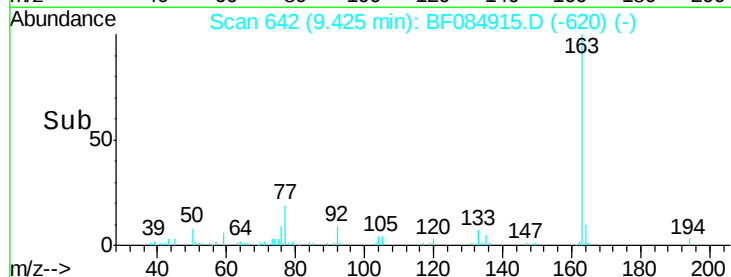
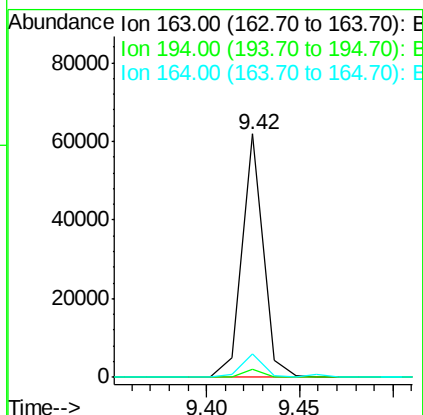
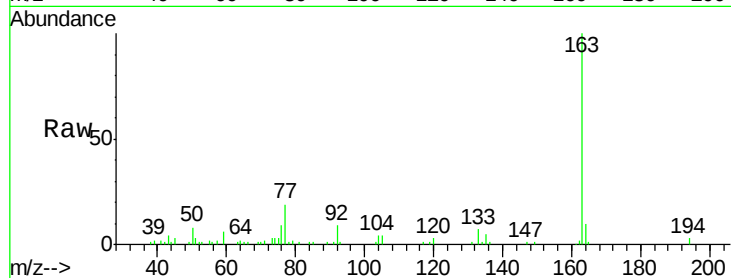




#49
Dimethylphthalate
Concen: 2.17 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084915.D
Acq: 6 Feb 2016 16:49

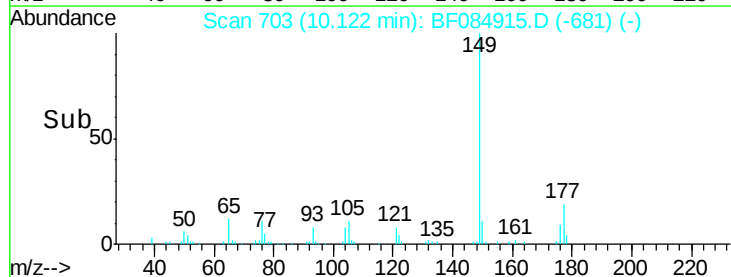
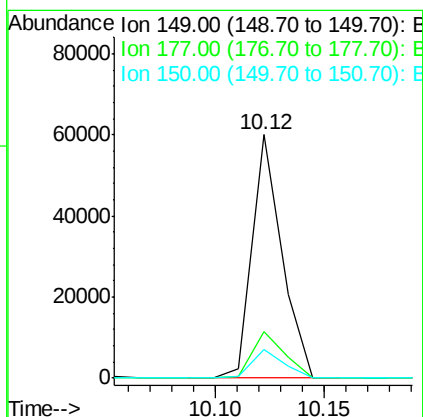
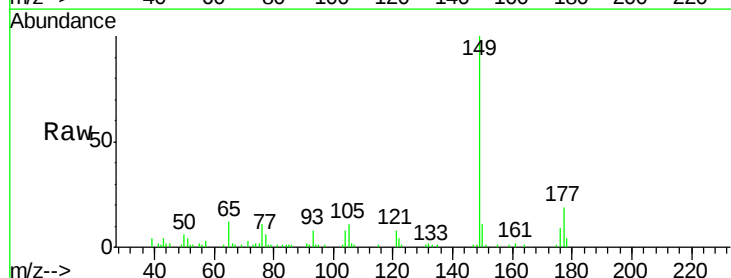
Instrument :
BNA_F
ClientSampled :
MW-1

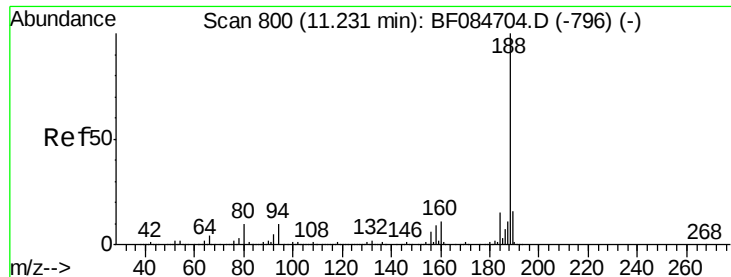
Tot Ion:163 Resp: 49082
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 9.5 8.0 12.0



#59
Diethylphthalate
Concen: 2.57 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.05 min
Lab File: BF084915.D
Acq: 6 Feb 2016 16:49

Tgt Ion:149 Resp: 56915
Ion Ratio Lower Upper
149 100
177 19.1 17.3 25.9
150 11.5 9.8 14.8

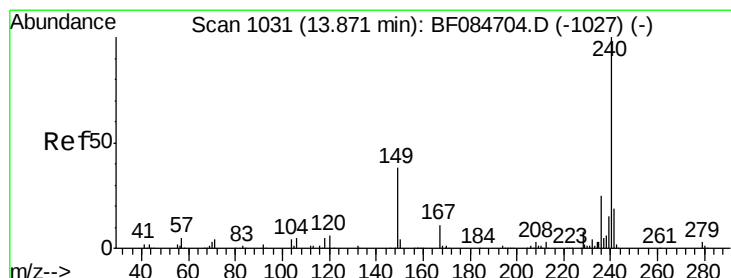
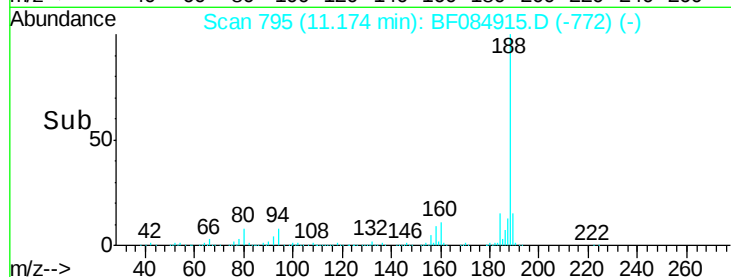
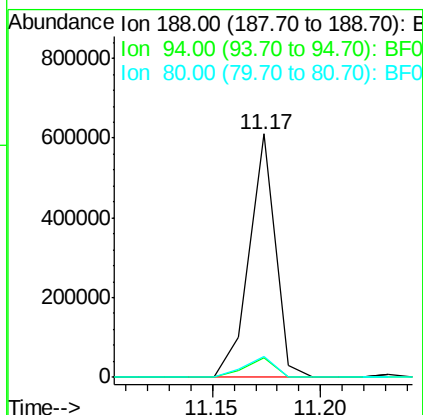
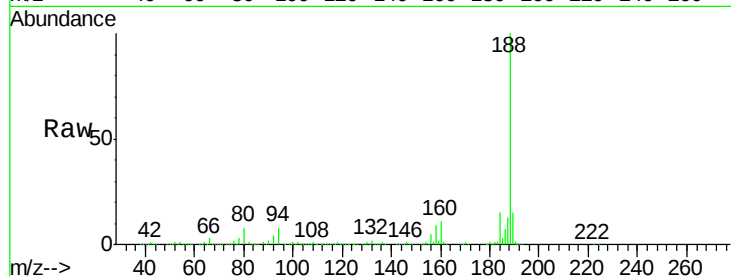




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084915.D
Acq: 6 Feb 2016 16:49

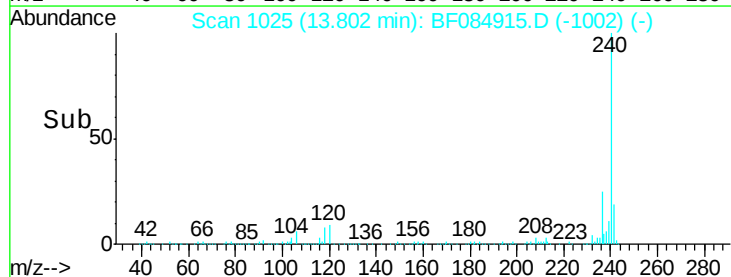
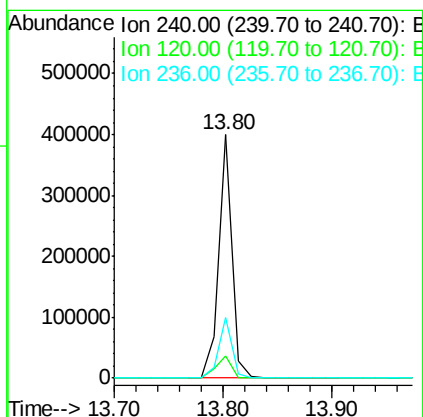
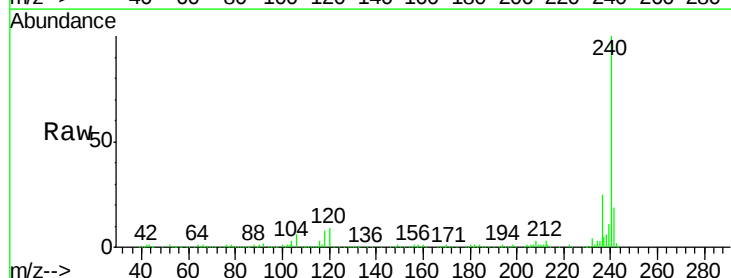
Instrument :
BNA_F
ClientSampleId :
MW-1

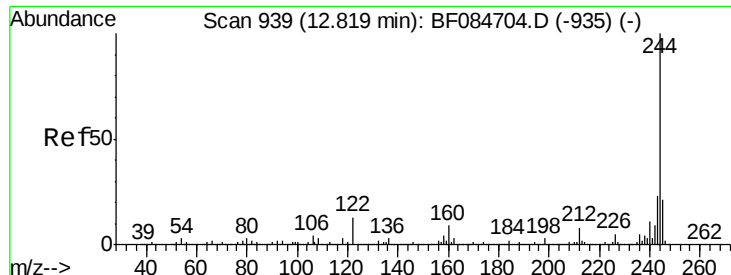
Tot Ion:188 Resp: 510407
Ion Ratio Lower Upper
188 100
94 8.0 9.0 13.4#
80 8.5 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084915.D
Acq: 6 Feb 2016 16:49

Tgt Ion:240 Resp: 345666
Ion Ratio Lower Upper
240 100
120 8.9 9.5 14.3#
236 25.1 20.6 31.0





#78

Terphenyl-d14

Concen: 83.61 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084915.D

Acq: 6 Feb 2016 16:49

Instrument :

BNA_F

ClientSampleId :

MW-1

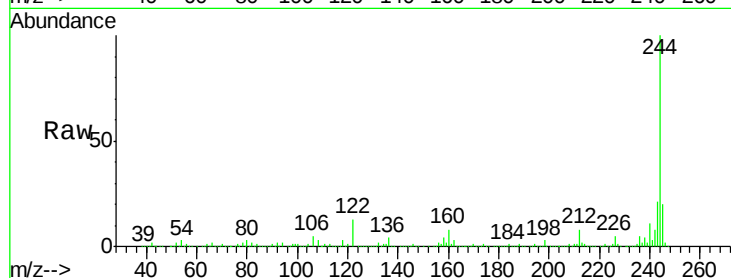
Tot Ion:244 Resp: 1275455

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

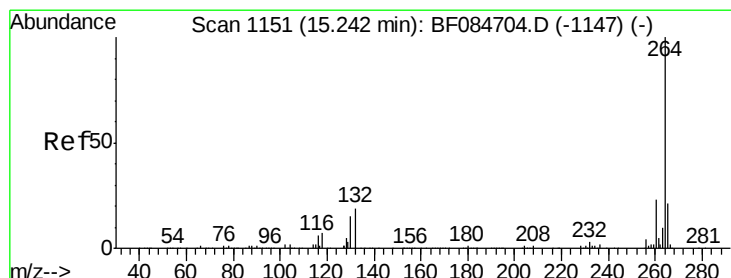
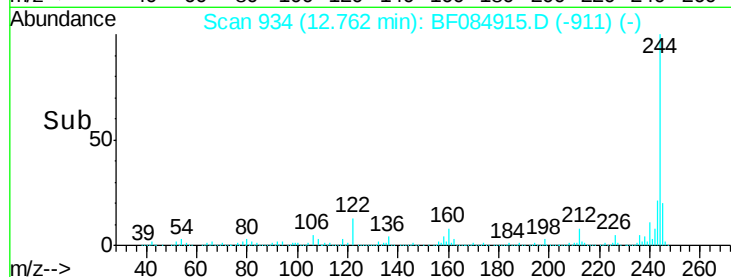
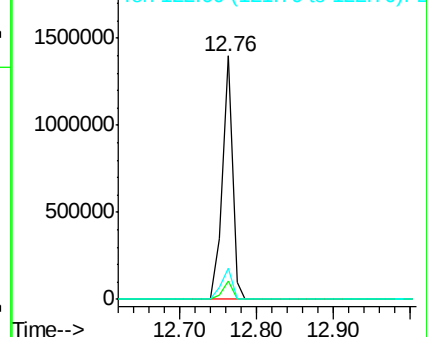
122 12.8 7.4 11.0#



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: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084915.D

Acq: 6 Feb 2016 16:49

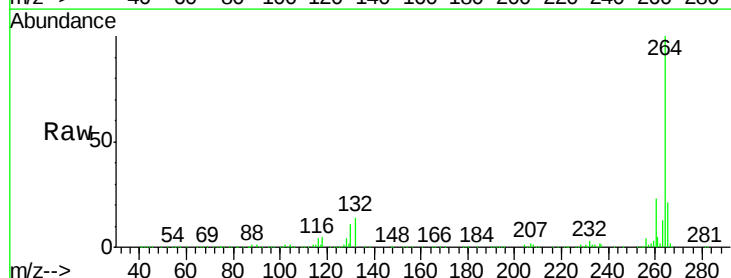
Tgt Ion:264 Resp: 323001

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.2

265 20.5 17.8 26.6



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

