

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090475.D
 Acq On : 8 Oct 2016 8:44
 Operator : UM/SJ
 Sample : H5136-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100516-11

Quant Time: Oct 10 00:45:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

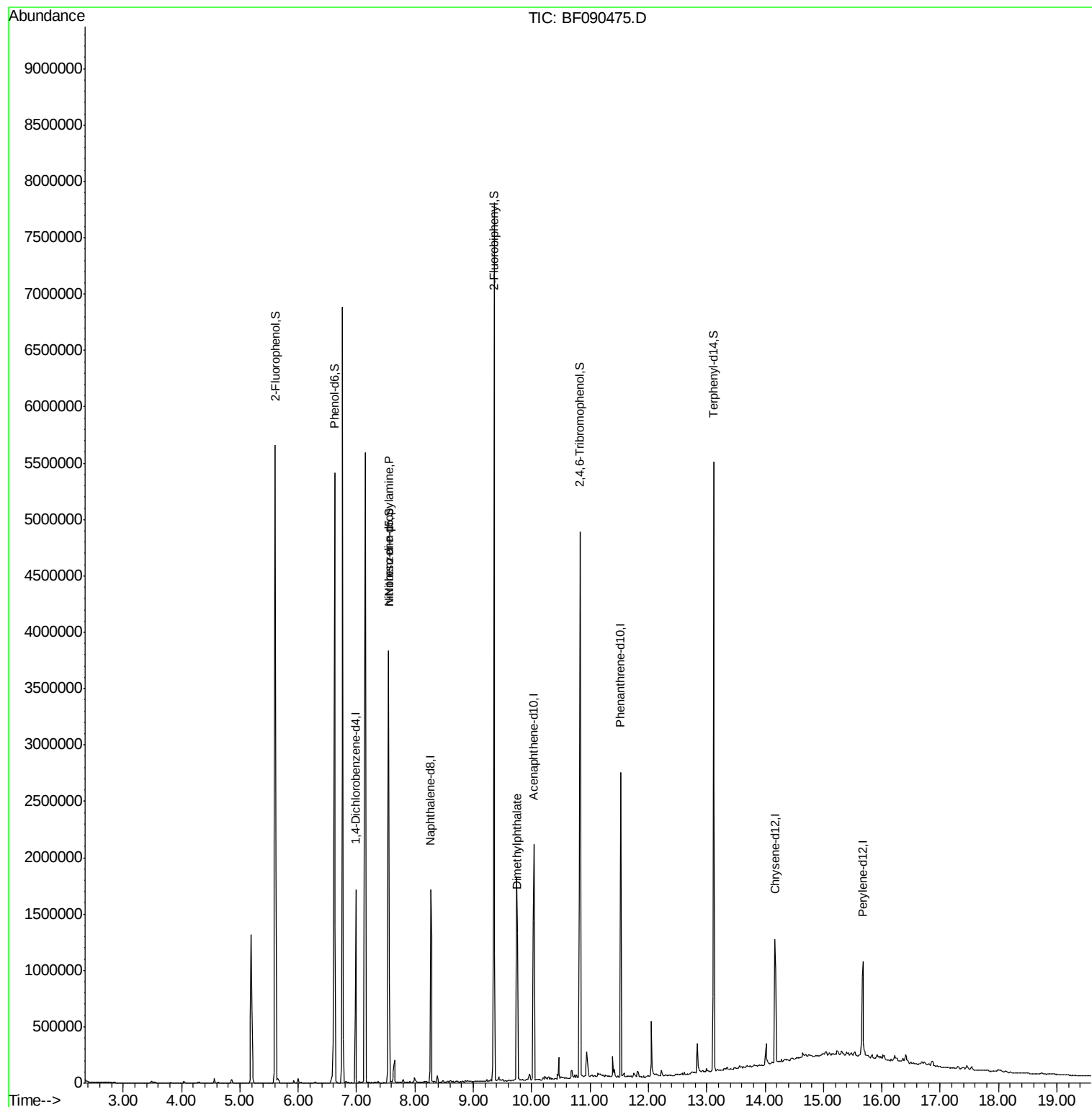
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	263219	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	1036412	20.00	ng	-0.02
38) Acenaphthene-d10	10.04	164	555680	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	865103	20.00	ng	-0.02
75) Chrysene-d12	14.17	240	480677	20.00	ng	-0.03
86) Perylene-d12	15.68	264	420902	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1967104	111.54	ng	0.00
7) Phenol-d6	6.62	99	2525417	109.33	ng	0.00
23) Nitrobenzene-d5	7.55	82	1557077	73.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	560880	124.13	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	2385394	71.52	ng	-0.02
78) Terphenyl-d14	13.12	244	1962311	91.78	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.55	70	215609	12.73	ng	Qvalue # 63
49) Dimethylphthalate	9.75	163	1004060	28.21	ng	97

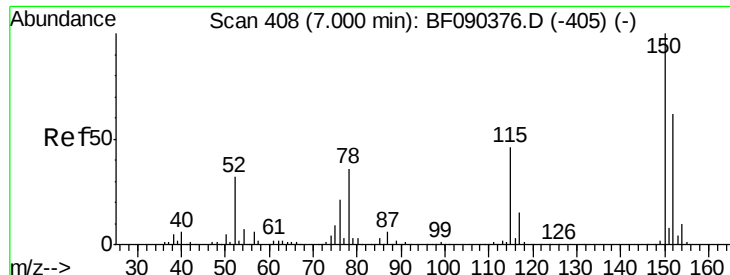
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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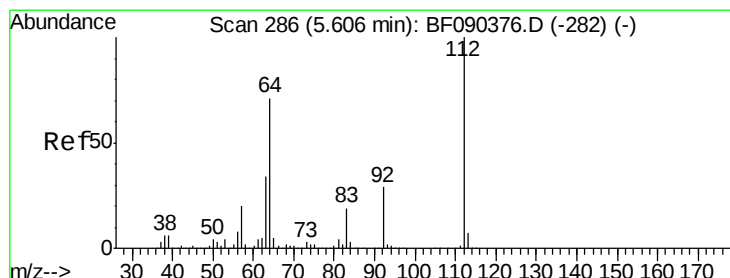
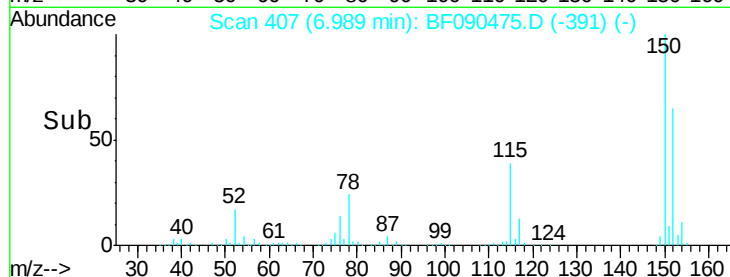
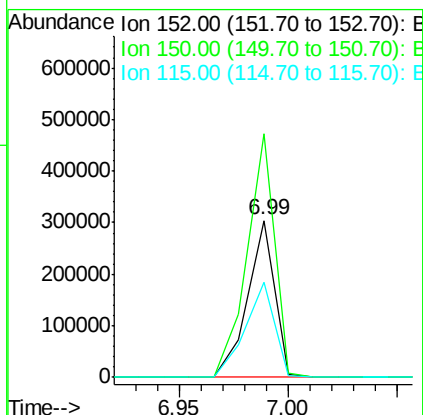
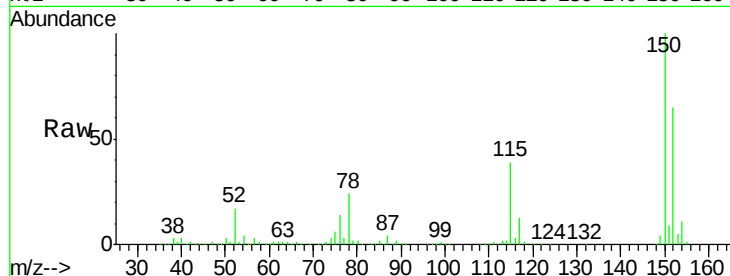


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090475.D
Acq: 8 Oct 2016 8:44

Instrument :
BNA_F
ClientSampleId :
100516-11

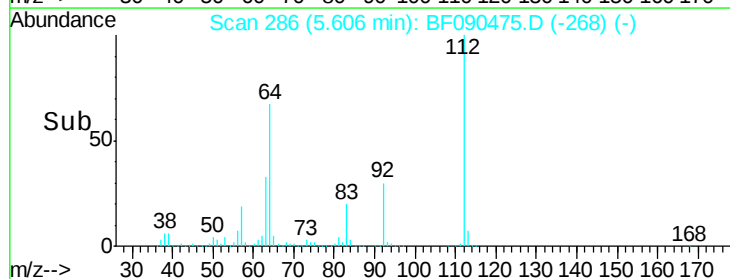
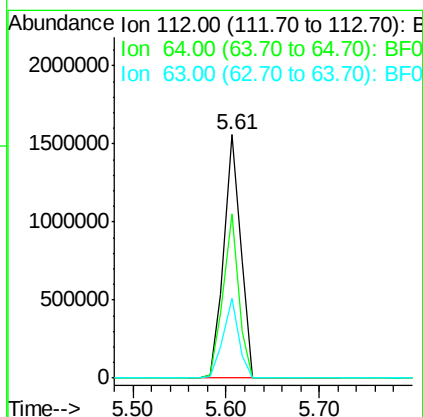
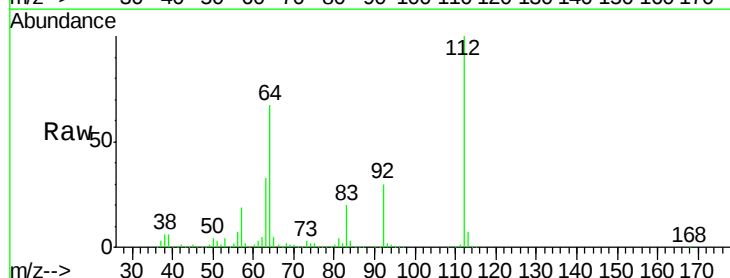
Tgt Ion:152 Resp: 263219
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 60.4 46.2 69.4



#5

2-Fluorophenol
Concen: 111.54 ng
RT: 5.61 min Scan# 286
Delta R.T. 0.00 min
Lab File: BF090475.D
Acq: 8 Oct 2016 8:44

Tgt Ion:112 Resp: 1967104
Ion Ratio Lower Upper
112 100
64 67.4 57.9 86.9
63 32.7 29.6 44.4





#7

Phenol-d6

Concen: 109.33 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090475.D

Acq: 8 Oct 2016 8:44

Instrument :

BNA_F

ClientSampleId :

100516-11

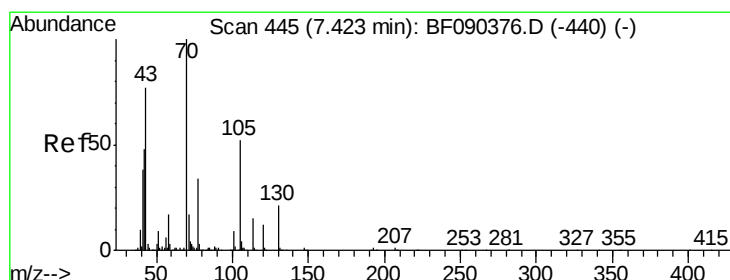
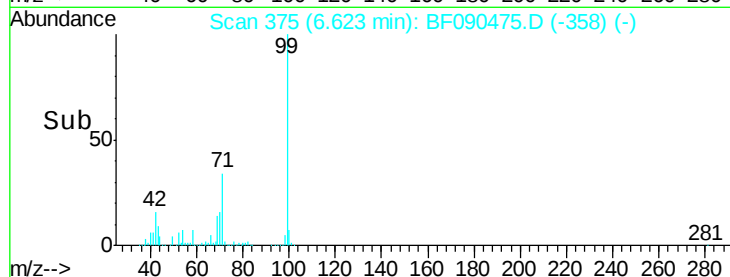
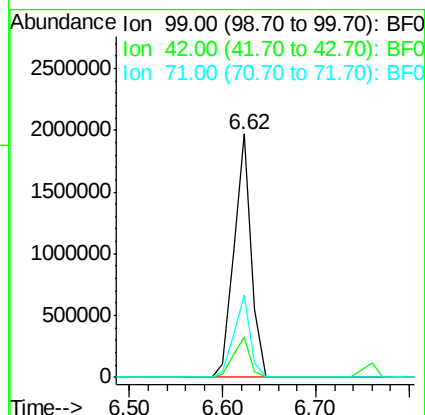
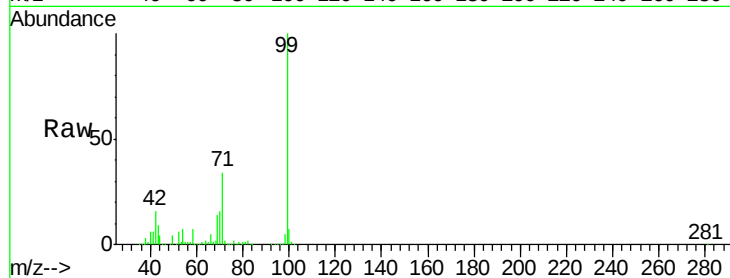
Tgt Ion: 99 Resp: 2525417

Ion Ratio Lower Upper

99 100

42 16.4 20.0 30.0#

71 33.8 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 12.73 ng

RT: 7.55 min Scan# 456

Delta R.T. 0.13 min

Lab File: BF090475.D

Acq: 8 Oct 2016 8:44

Tgt Ion: 70 Resp: 215609

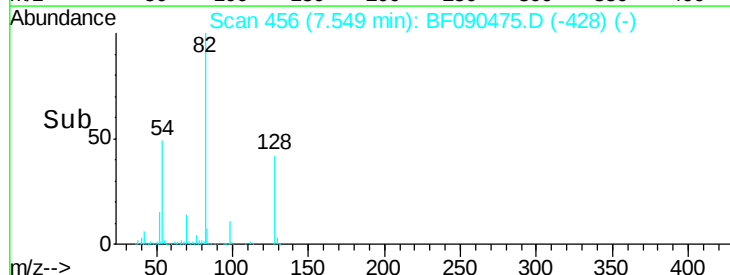
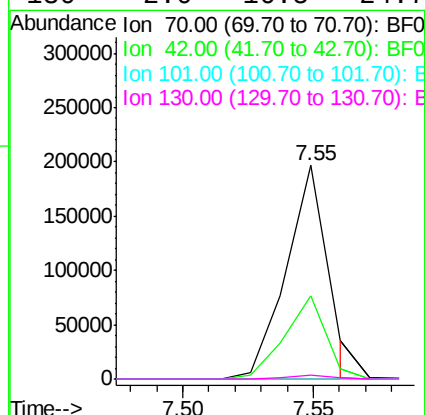
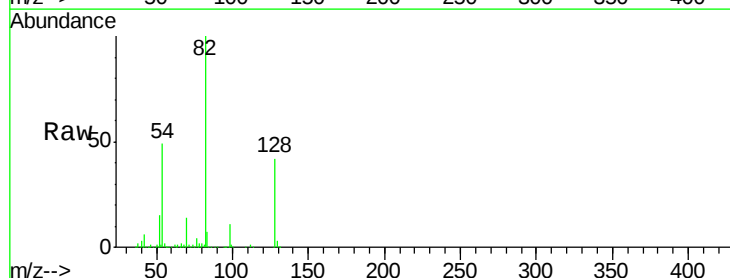
Ion Ratio Lower Upper

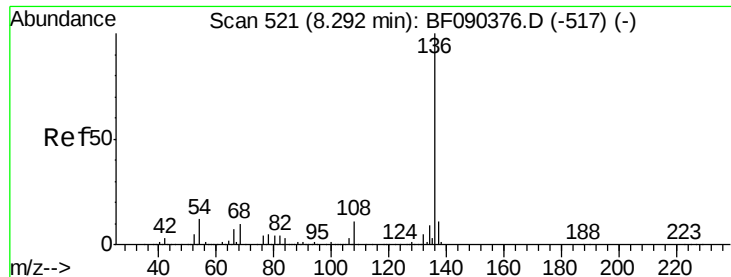
70 100

42 39.0 55.4 83.2#

101 0.0 7.6 11.4#

130 2.0 16.5 24.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF090475.D

Acq: 8 Oct 2016 8:44

Instrument :

BNA_F

ClientSampled :

100516-11

Tgt Ion:136 Resp: 1036412

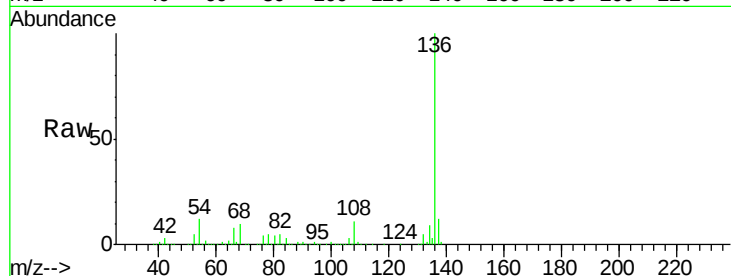
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 12.4 6.6 10.0#

68 10.1 5.0 7.6#

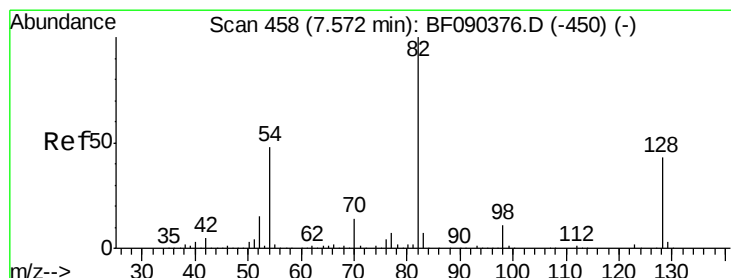
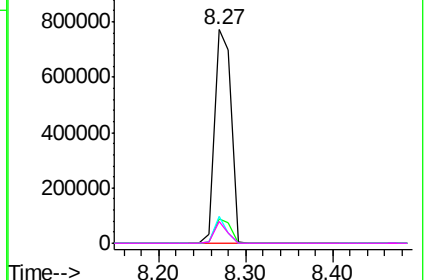
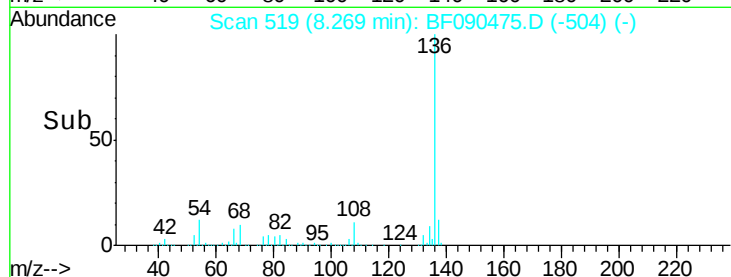


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 73.08 ng

RT: 7.55 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090475.D

Acq: 8 Oct 2016 8:44

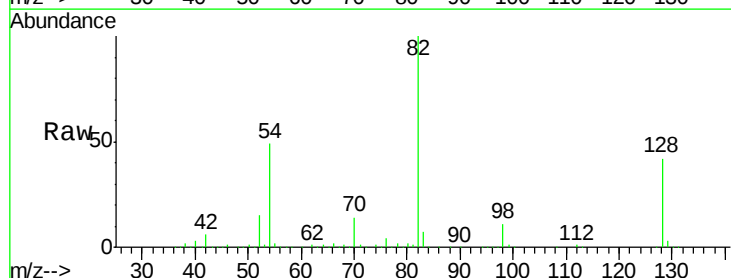
Tgt Ion: 82 Resp: 1557077

Ion Ratio Lower Upper

82 100

128 41.6 40.0 60.0

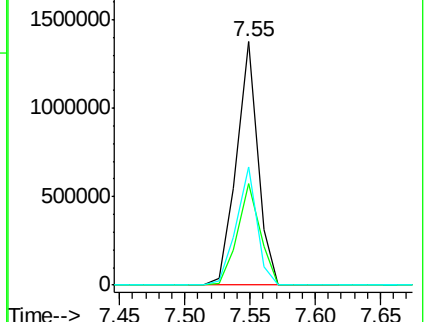
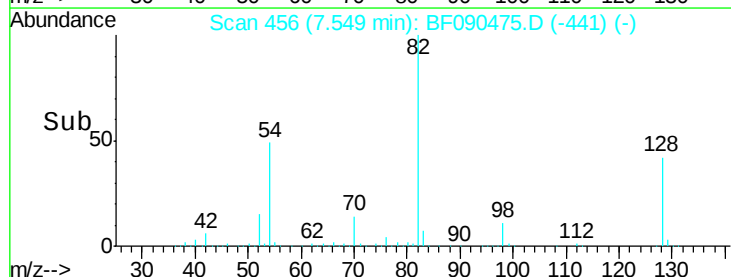
54 48.8 42.6 64.0

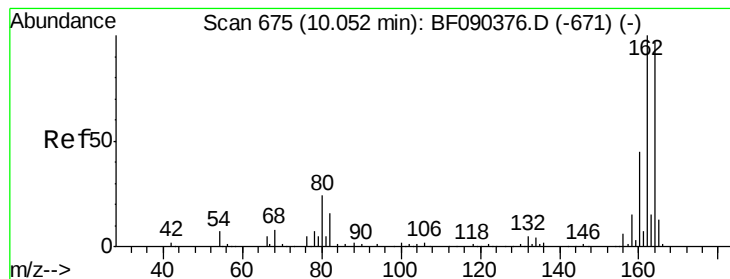


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.04 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090475.D

Acq: 8 Oct 2016 8:44

Instrument :

BNA_F

ClientSampleId :

100516-11

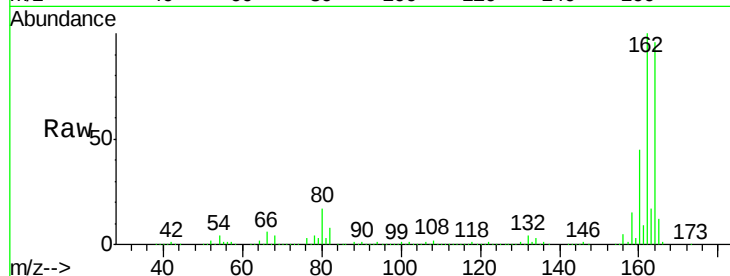
Tgt Ion:164 Resp: 555680

Ion Ratio Lower Upper

164 100

162 103.8 80.1 120.1

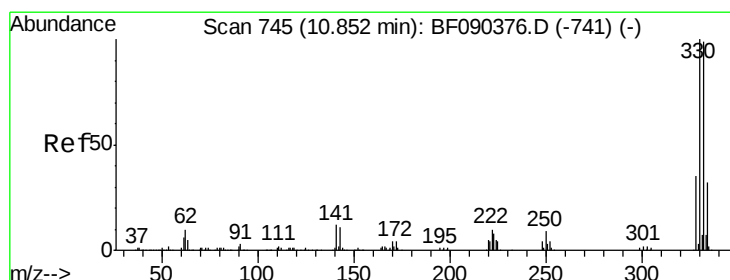
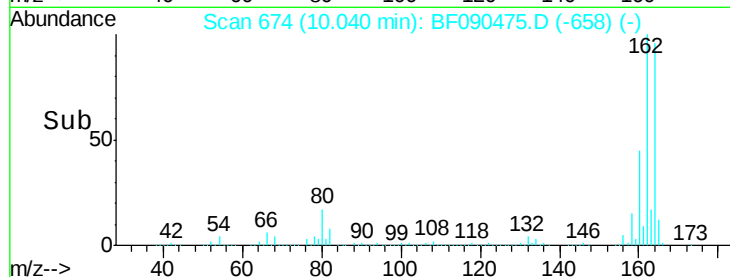
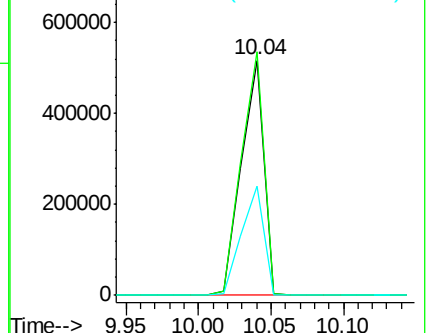
160 46.3 36.3 54.5



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: 124.13 ng

RT: 10.83 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF090475.D

Acq: 8 Oct 2016 8:44

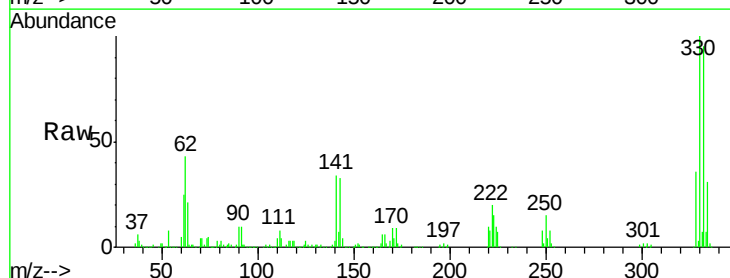
Tgt Ion:330 Resp: 560880

Ion Ratio Lower Upper

330 100

332 96.0 75.4 113.0

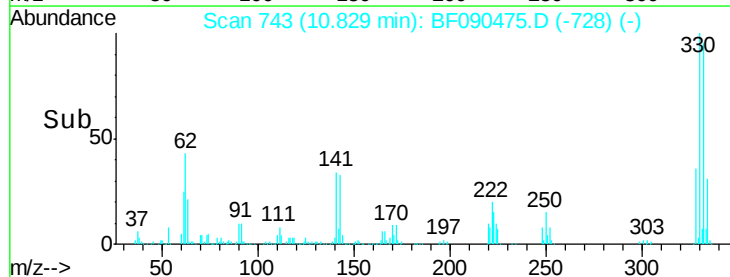
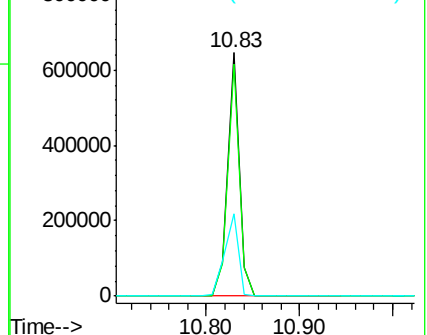
141 39.9 26.9 40.3

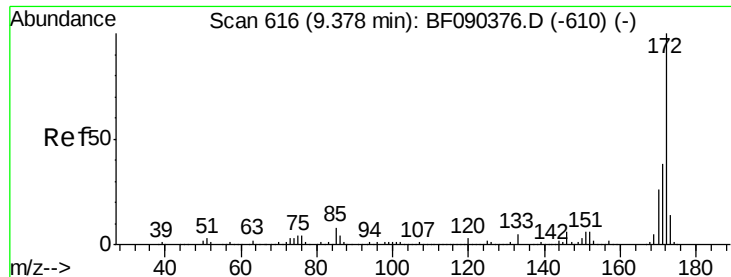


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

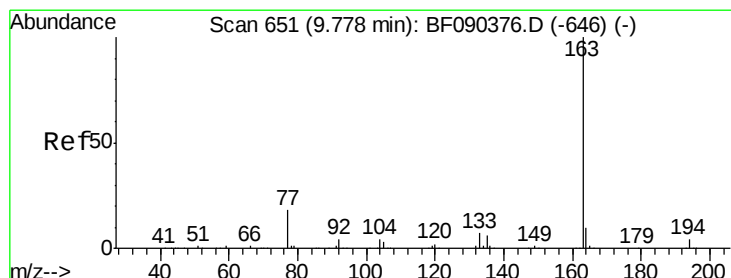
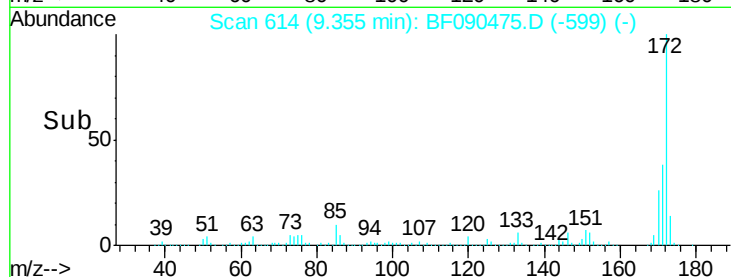
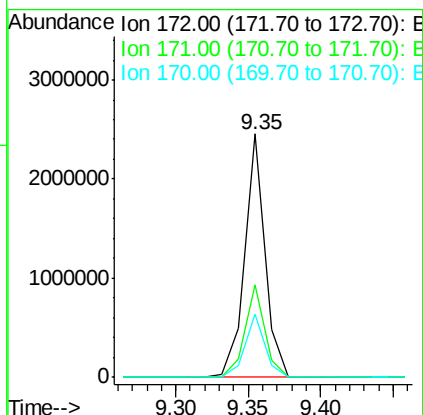
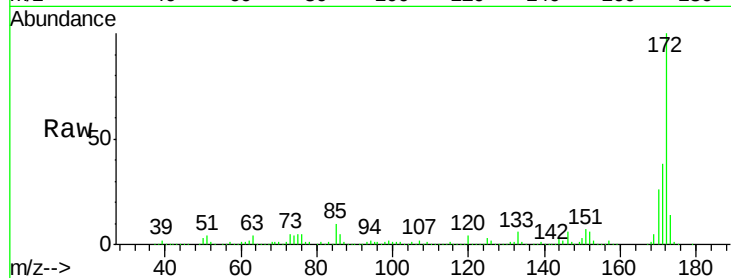




#44
 2-Fluorobiphenyl
 Concen: 71.52 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090475.D
 Acq: 8 Oct 2016 8:44

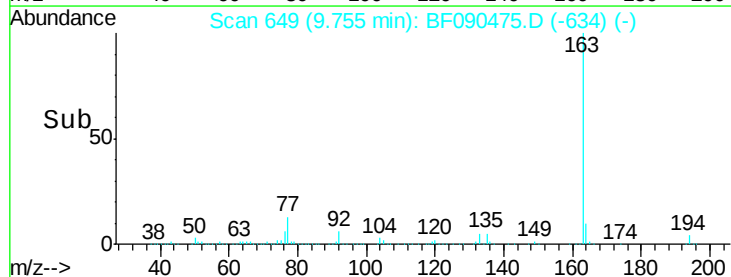
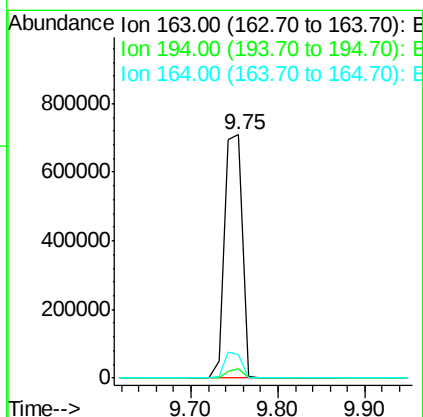
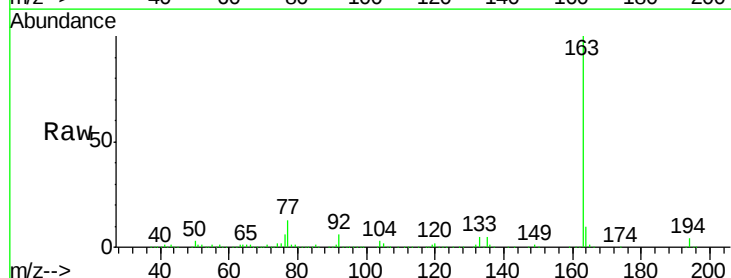
Instrument :
 BNA_F
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 100516-11

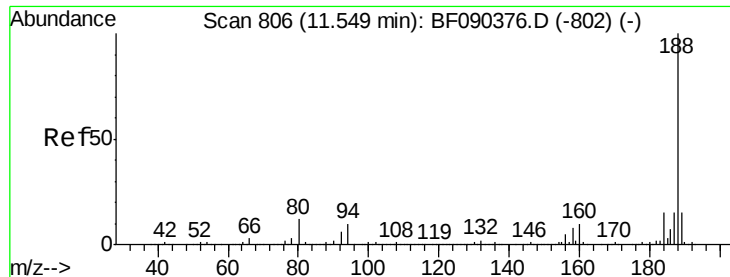
Tgt Ion:172 Resp: 2385394
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.8 47.8
 170 26.1 21.7 32.5



#49
 Dimethylphthalate
 Concen: 28.21 ng
 RT: 9.75 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF090475.D
 Acq: 8 Oct 2016 8:44

Tgt Ion:163 Resp: 1004060
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.8 4.2
 164 9.7 9.0 13.4

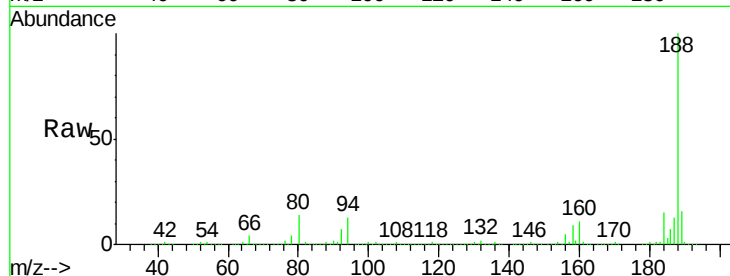




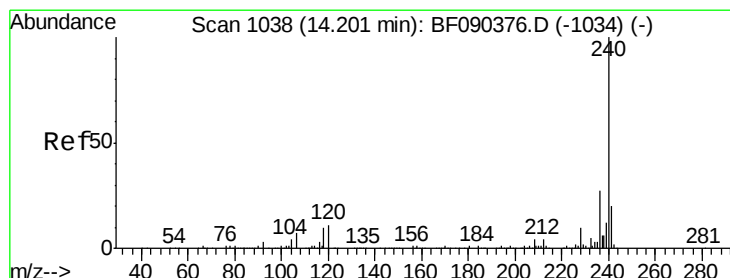
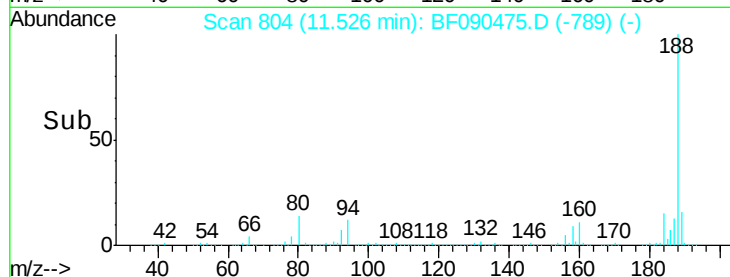
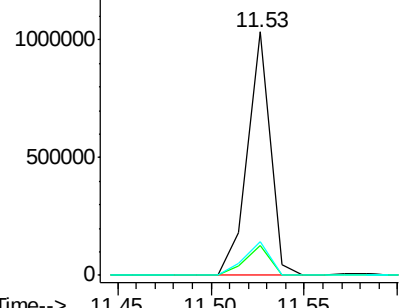
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090475.D
Acq: 8 Oct 2016 8:44

Instrument :
BNA_F
ClientSampleId :
100516-11

Tgt Ion:188 Resp: 865103
Ion Ratio Lower Upper
188 100
94 12.5 8.2 12.2#
80 13.9 8.8 13.2#

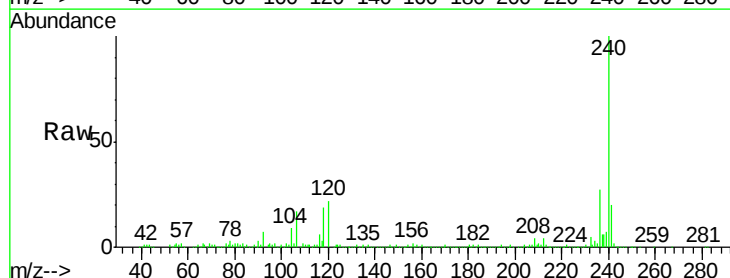


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

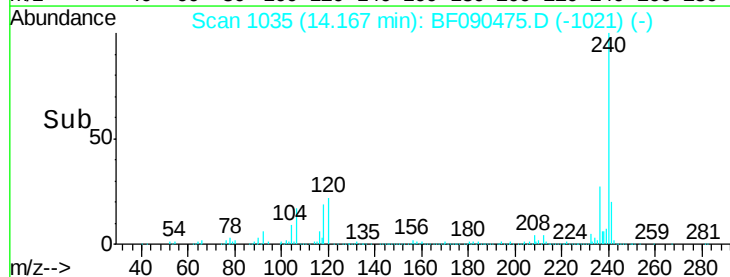
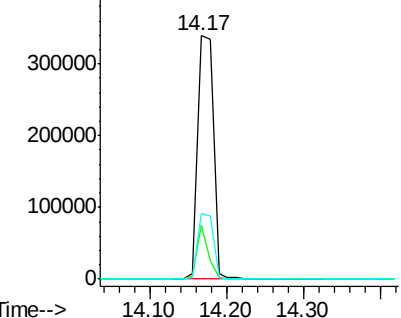


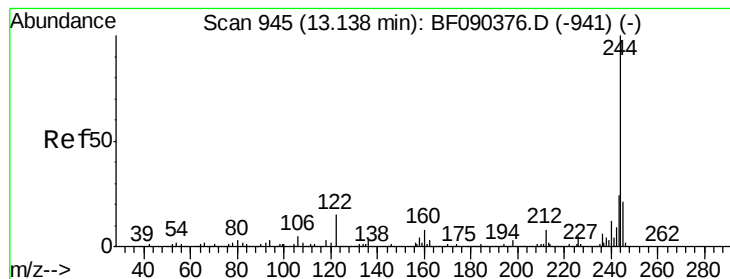
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF090475.D
Acq: 8 Oct 2016 8:44

Tgt Ion:240 Resp: 480677
Ion Ratio Lower Upper
240 100
120 22.0 8.6 13.0#
236 27.1 21.6 32.4



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: 91.78 ng

RT: 13.12 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF090475.D

Acq: 8 Oct 2016 8:44

Instrument :

BNA_F

ClientSampleId :

100516-11

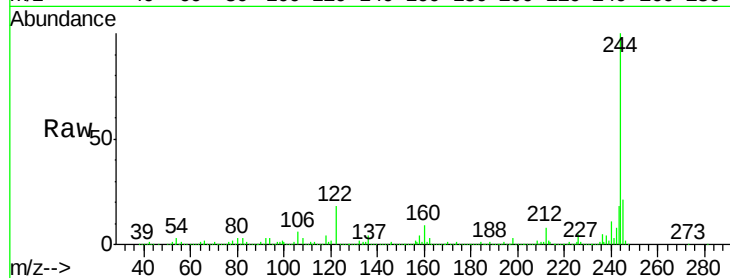
Tgt Ion:244 Resp: 1962311

Ion Ratio Lower Upper

244 100

212 7.8 6.8 10.2

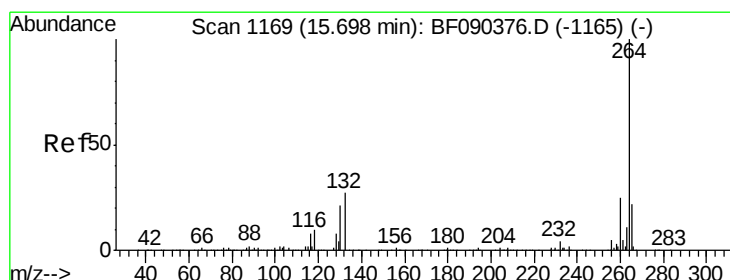
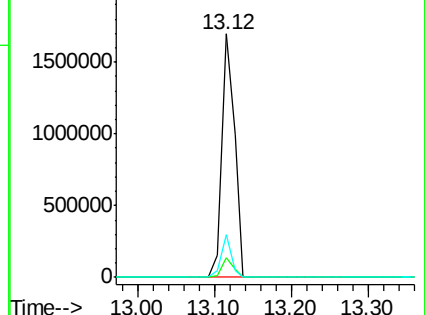
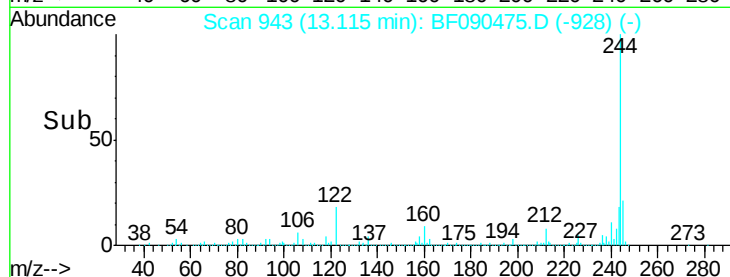
122 17.6 13.3 19.9



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: 15.68 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF090475.D

Acq: 8 Oct 2016 8:44

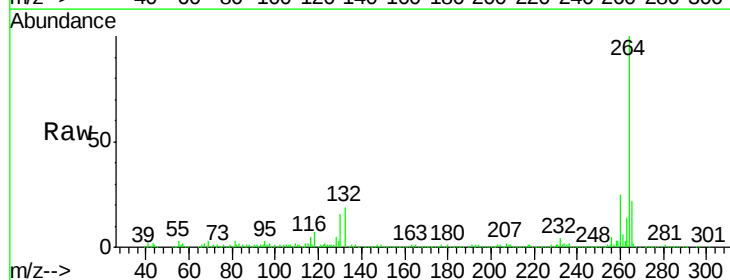
Tgt Ion:264 Resp: 420902

Ion Ratio Lower Upper

264 100

260 25.4 19.3 28.9

265 21.9 17.4 26.0



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

