

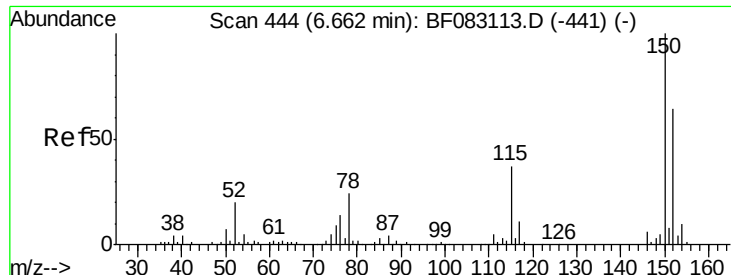
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083279.D
 Acq On : 25 Nov 2015 17:54
 Operator : UM/IZ
 Sample : G4559-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-02

Quant Time: Nov 26 01:12:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	516329	20.00	ng	0.08
21) Naphthalene-d8	7.87	136	603923	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	317179	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	587453	20.00	ng	-0.08
75) Chrysene-d12	13.71	240	458663	20.00	ng	-0.09
86) Perylene-d12	15.06	264	363072	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1183147	34.64	ng	-0.09
7) Phenol-d6	6.25	99	1494752	33.83	ng	-0.09
23) Nitrobenzene-d5	7.15	82	983931	74.45	ng	-0.08
41) 2,4,6-Tribromophenol	10.41	330	339455	104.61	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1580205	69.47	ng	-0.07
78) Terphenyl-d14	12.69	244	1426692	73.25	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	130800	4.25	ng	# 82
49) Dimethylphthalate	9.36	163	553135	22.65	ng	99
56) 2,4-Dinitrotoluene	9.62	165	40499	5.83	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	24933	3.82	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 416

Delta R.T. 0.08 min

Lab File: BF083279.D

Acq: 25 Nov 2015 17:54

Instrument :

BNA_F

ClientSampleId :

P001-BF003-02

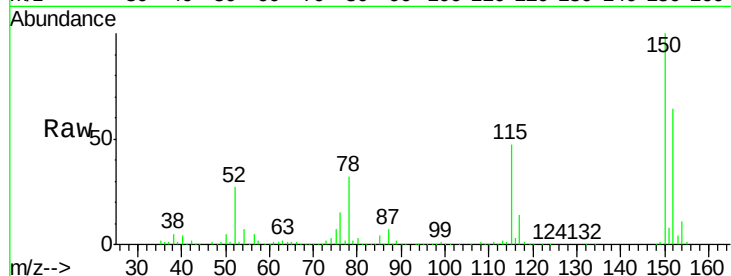
Tgt Ion:152 Resp: 516329

Ion Ratio Lower Upper

152 100

150 155.6 125.8 188.8

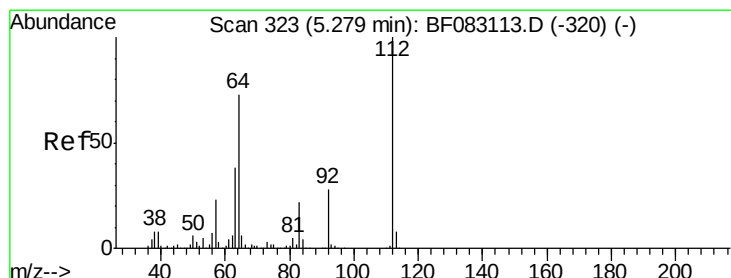
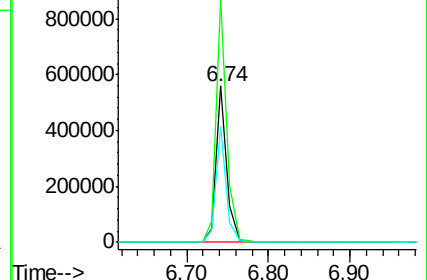
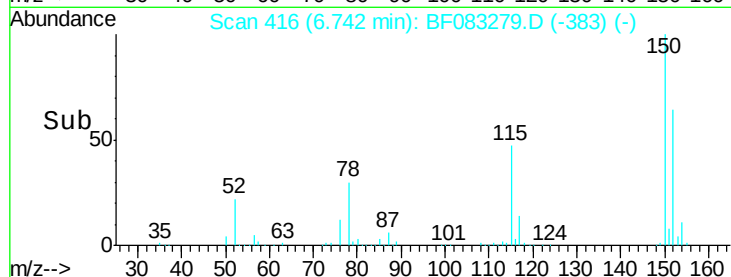
115 73.8 46.9 70.3#



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: 34.64 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083279.D

Acq: 25 Nov 2015 17:54

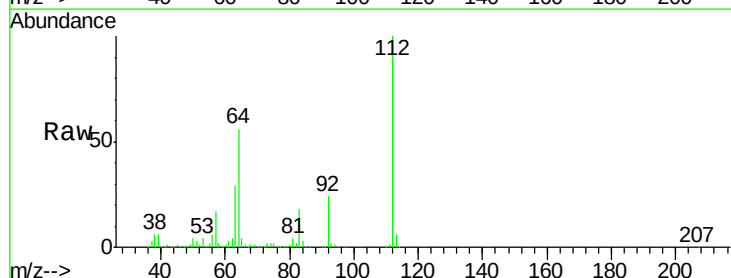
Tgt Ion:112 Resp: 1183147

Ion Ratio Lower Upper

112 100

64 56.5 58.4 87.6#

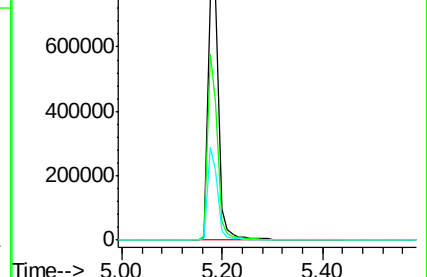
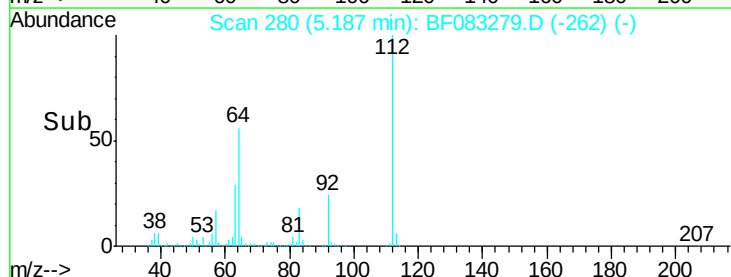
63 28.7 30.0 45.0#

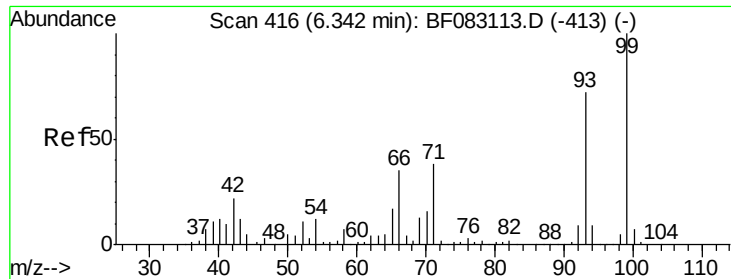


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.83 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083279.D

Acq: 25 Nov 2015 17:54

Instrument :

BNA_F

ClientSampleId :

P001-BF003-02

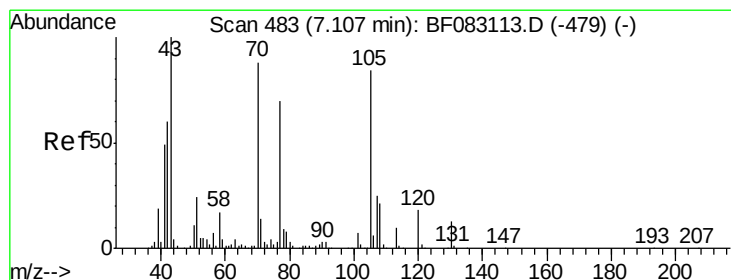
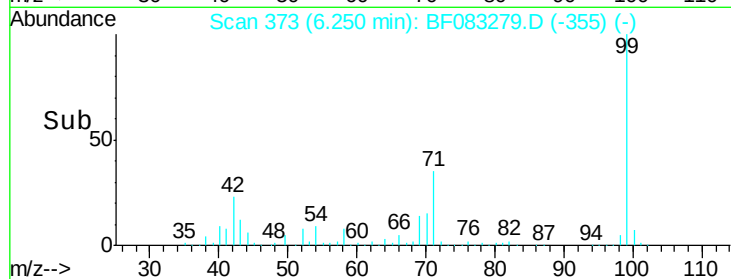
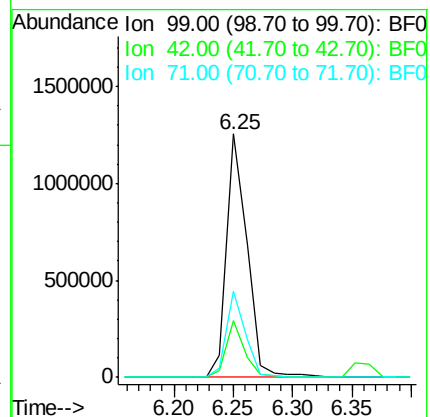
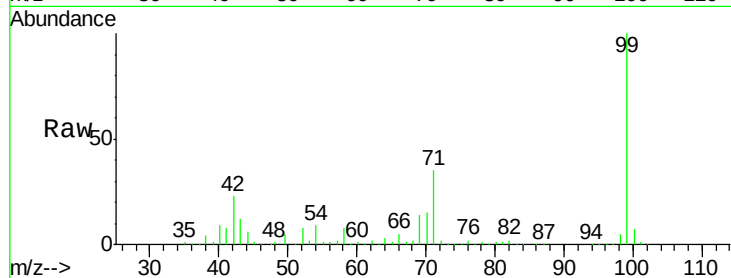
Tgt Ion: 99 Resp: 1494752

Ion Ratio Lower Upper

99 100

42 23.4 17.7 26.5

71 35.2 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.25 ng

RT: 7.15 min Scan# 452

Delta R.T. 0.05 min

Lab File: BF083279.D

Acq: 25 Nov 2015 17:54

Tgt Ion: 70 Resp: 130800

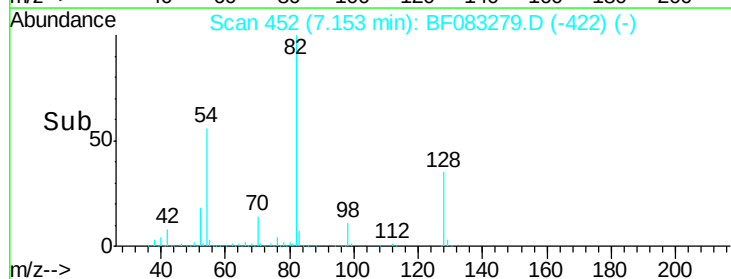
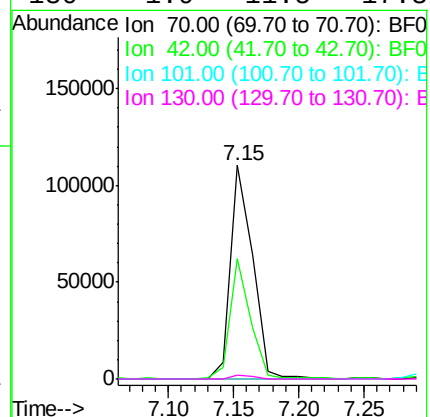
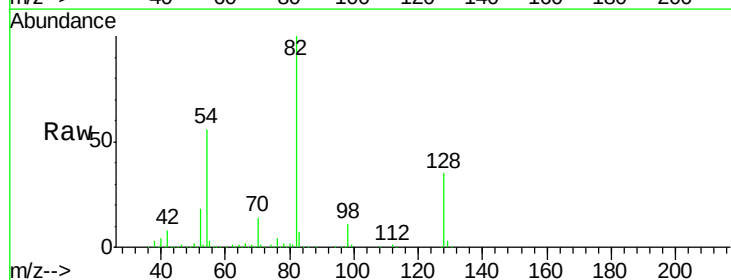
Ion Ratio Lower Upper

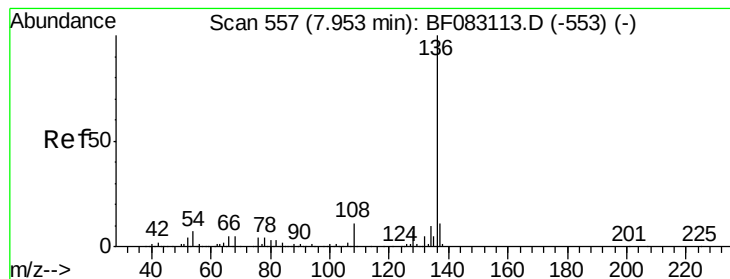
70 100

42 56.4 54.5 81.7

101 0.0 6.6 9.8#

130 1.9 11.5 17.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083279.D

Acq: 25 Nov 2015 17:54

Instrument :

BNA_F

ClientSampleId :

P001-BF003-02

Tgt Ion: 136 Resp: 603923

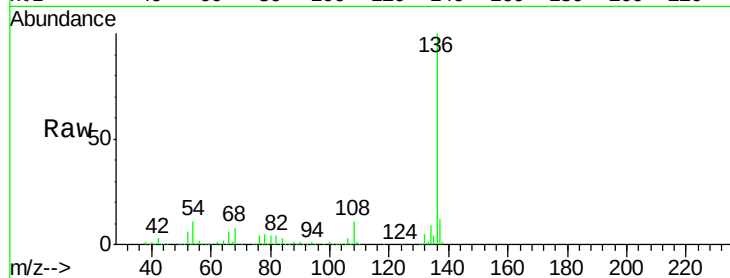
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.9 5.8 8.6#

68 8.2 3.8 5.8#

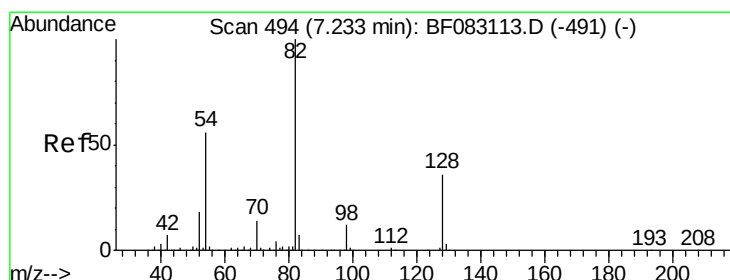
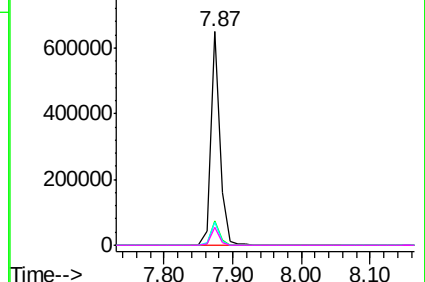
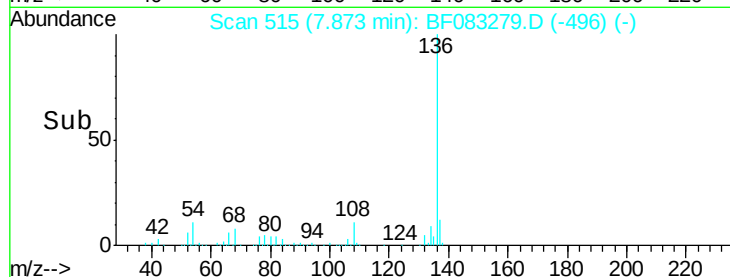


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.45 ng

RT: 7.15 min Scan# 452

Delta R.T. -0.08 min

Lab File: BF083279.D

Acq: 25 Nov 2015 17:54

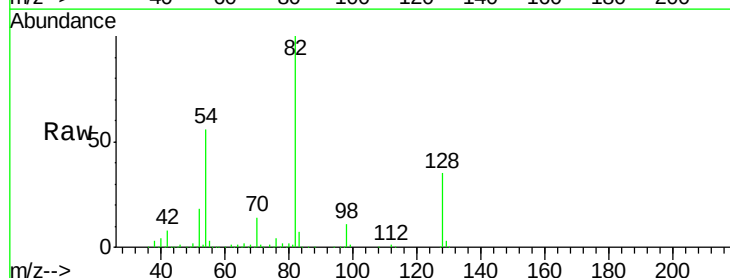
Tgt Ion: 82 Resp: 983931

Ion Ratio Lower Upper

82 100

128 35.0 28.5 42.7

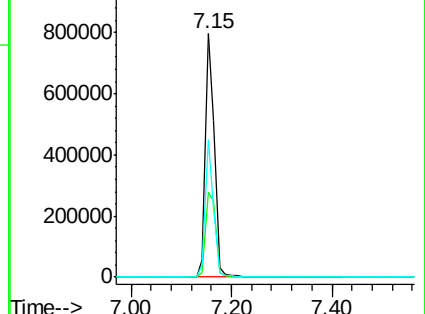
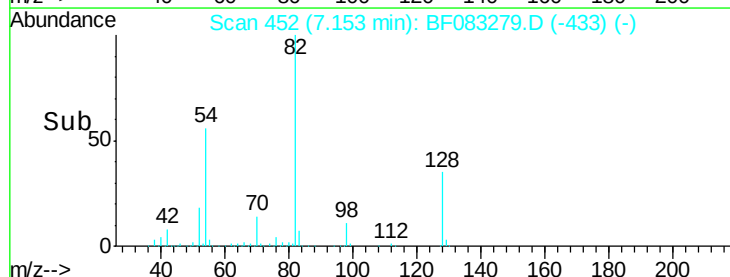
54 56.2 44.6 67.0

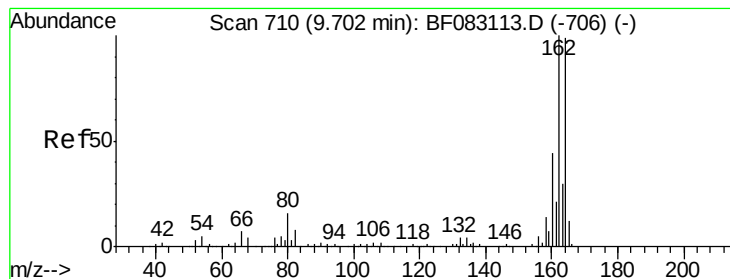


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.62 min Scan# 668

Delta R.T. -0.08 min

Lab File: BF083279.D

Acq: 25 Nov 2015 17:54

Instrument :

BNA_F

ClientSampleId :

P001-BF003-02

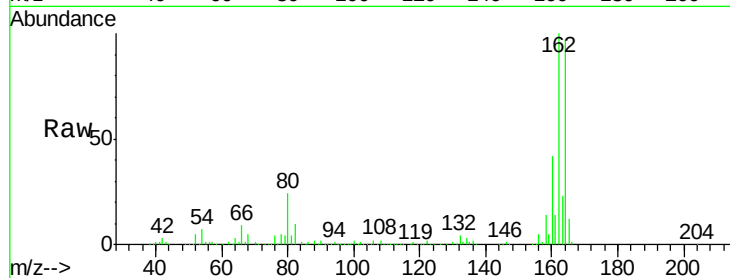
Tgt Ion:164 Resp: 317179

Ion Ratio Lower Upper

164 100

162 102.6 81.2 121.8

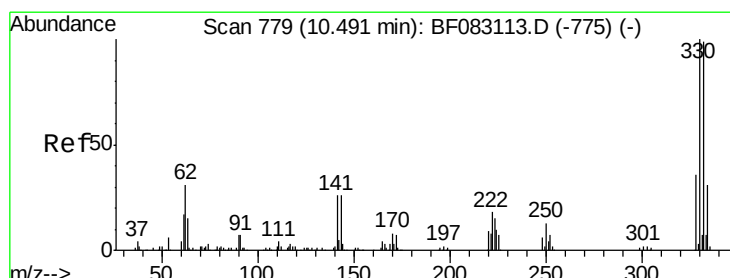
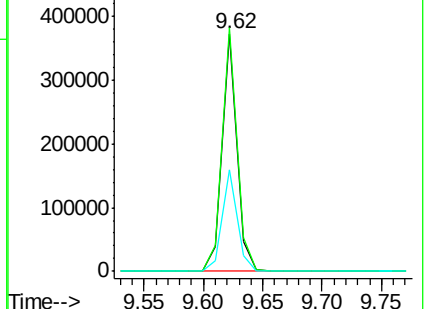
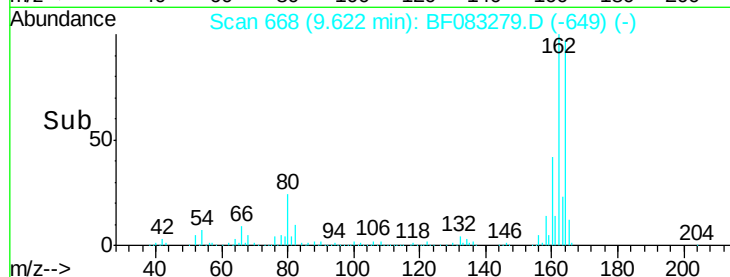
160 42.8 35.6 53.4



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: 104.61 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.08 min

Lab File: BF083279.D

Acq: 25 Nov 2015 17:54

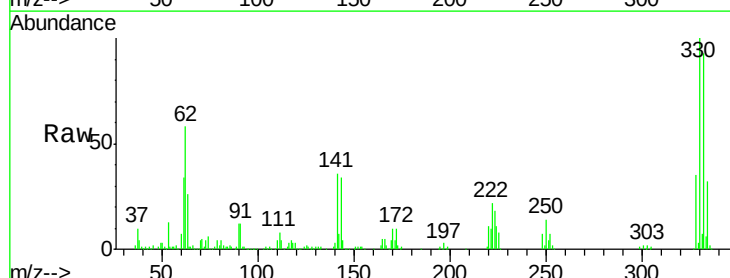
Tgt Ion:330 Resp: 339455

Ion Ratio Lower Upper

330 100

332 93.5 77.7 116.5

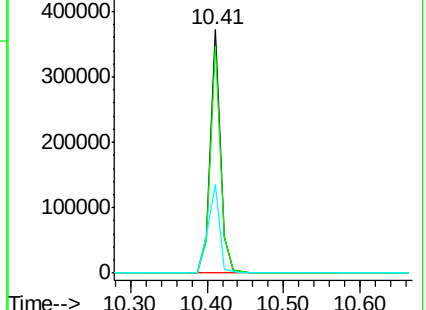
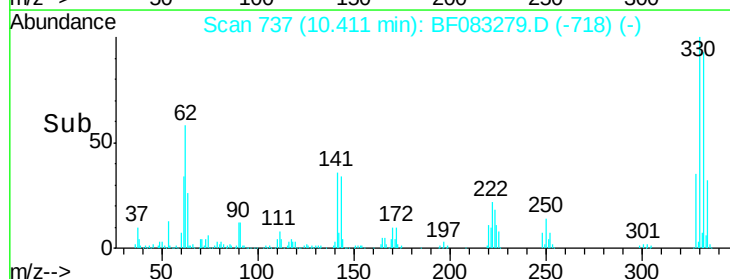
141 41.1 29.7 44.5

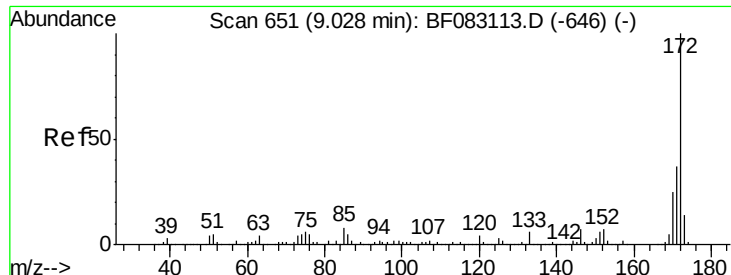


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

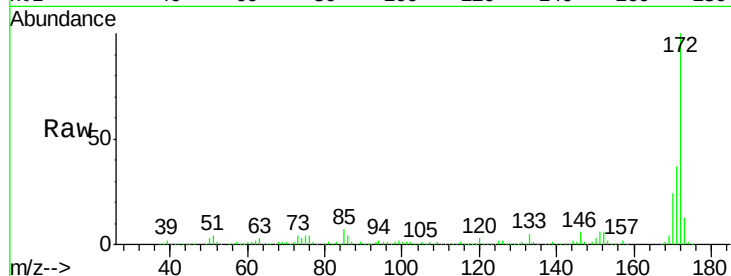




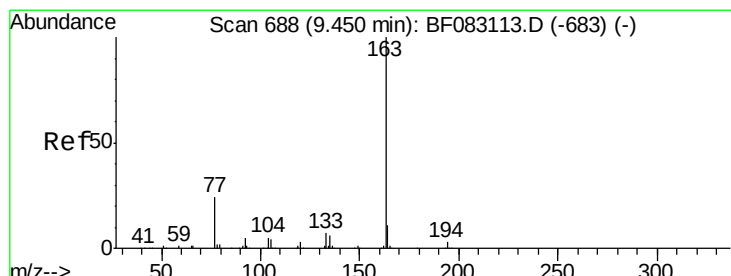
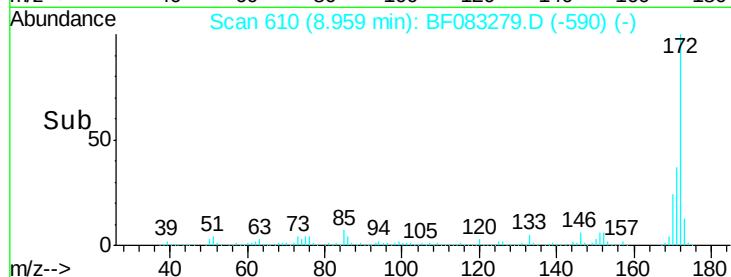
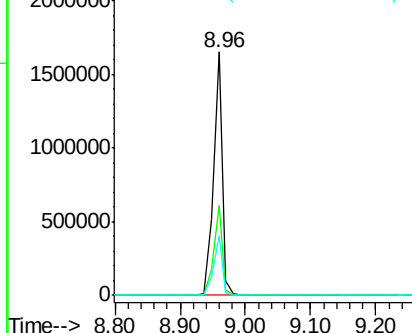
#44
 2-Fluorobiphenyl
 Concen: 69.47 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083279.D
 Acq: 25 Nov 2015 17:54

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-02

Tgt Ion:172 Resp: 1580205
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.5 44.3
 170 24.5 19.9 29.9

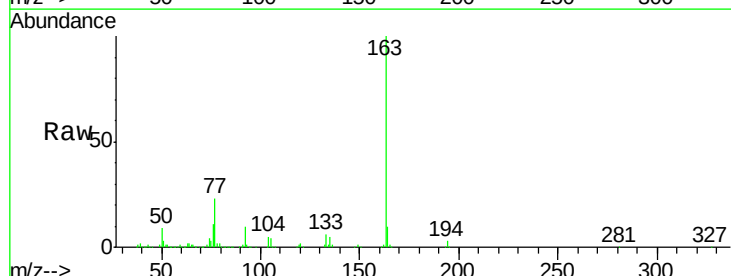


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

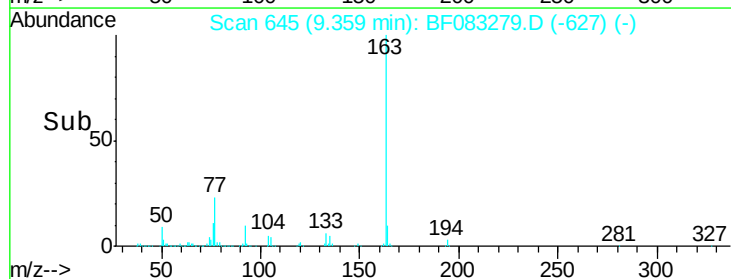
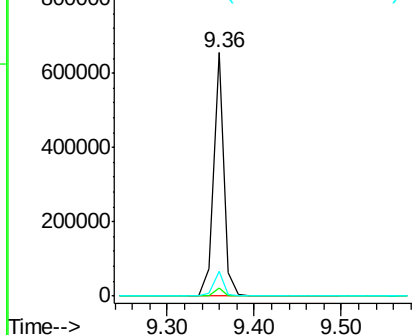


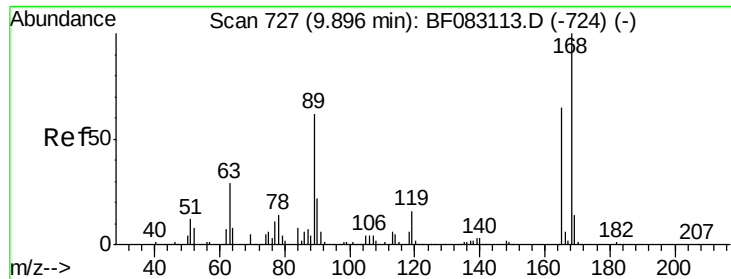
#49
 Dimethylphthalate
 Concen: 22.65 ng
 RT: 9.36 min Scan# 645
 Delta R.T. -0.09 min
 Lab File: BF083279.D
 Acq: 25 Nov 2015 17:54

Tgt Ion:163 Resp: 553135
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.2 8.6 12.8



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

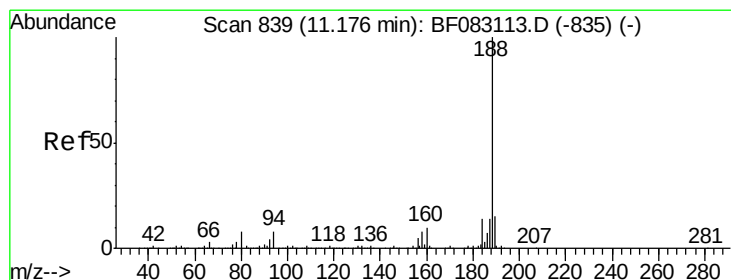
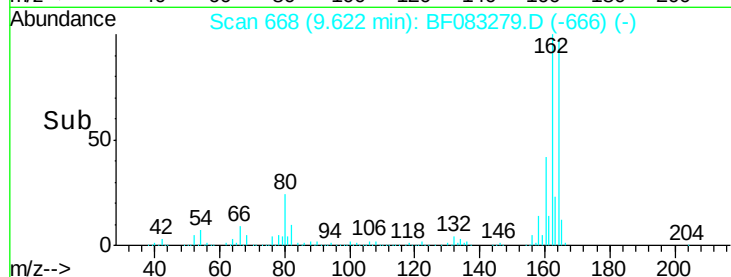
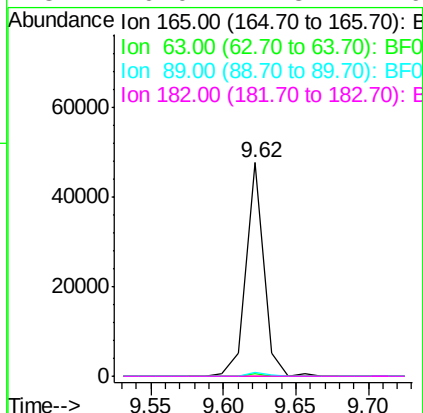
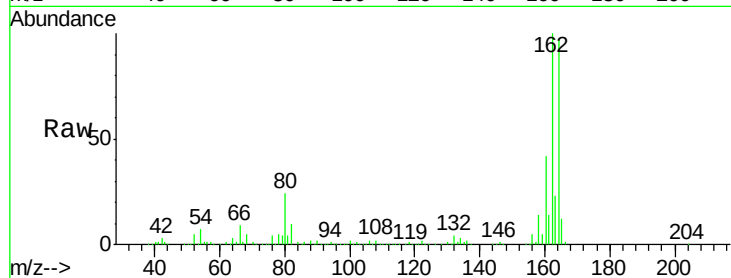




#56
 2,4-Dinitrotoluene
 Concen: 5.83 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.27 min
 Lab File: BF083279.D
 Acq: 25 Nov 2015 17:54

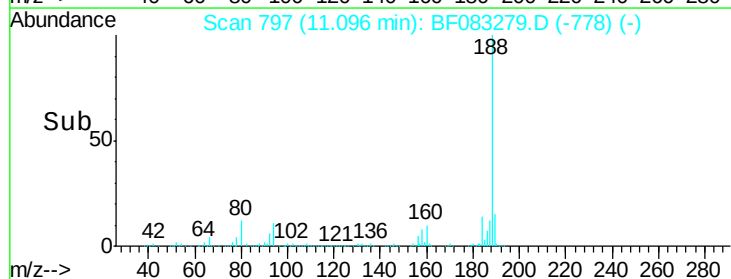
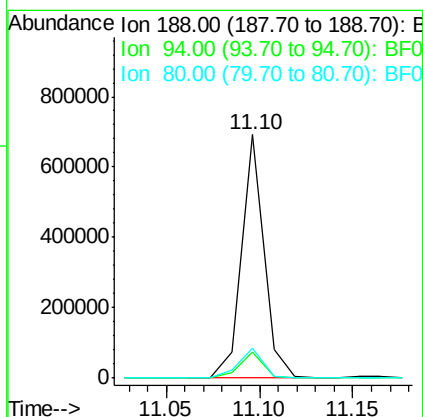
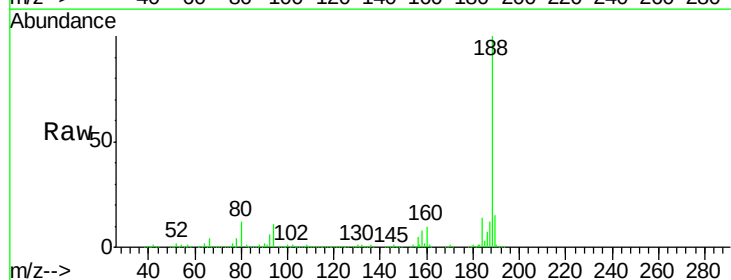
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-02

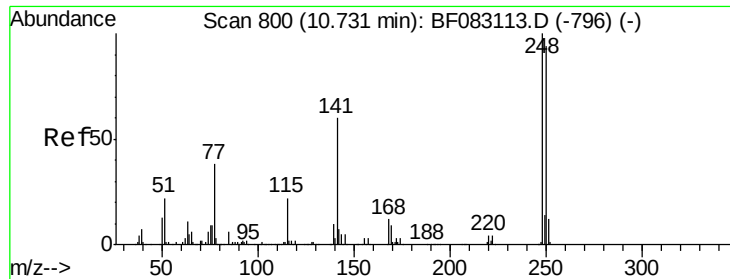
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.5	81.7#
89	2.0	77.3	115.9#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 797
 Delta R.T. -0.08 min
 Lab File: BF083279.D
 Acq: 25 Nov 2015 17:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	6.0	9.0#
80	12.1	6.7	10.1#

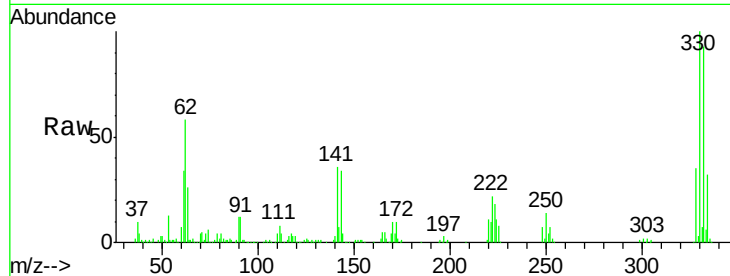




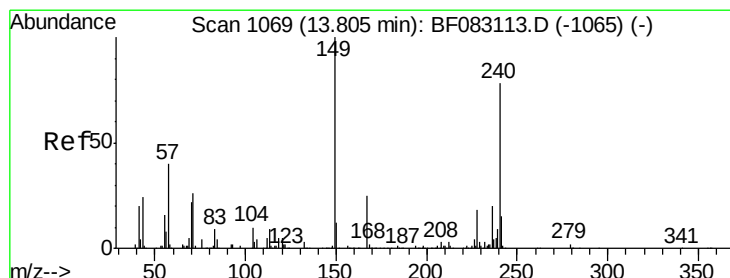
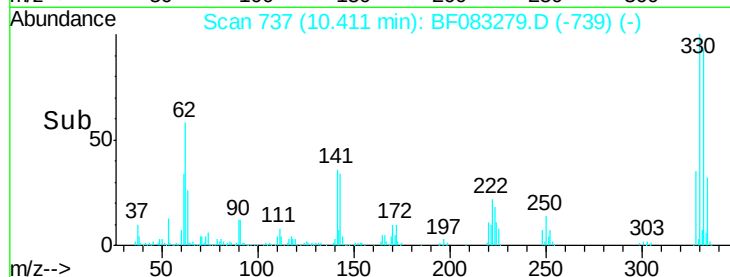
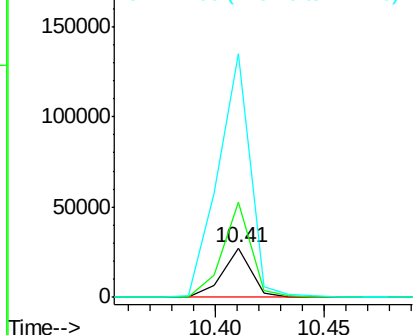
#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083279.D
Acq: 25 Nov 2015 17:54

Instrument :
BNA_F
ClientSampleId :
P001-BF003-02

Tgt Ion:248 Resp: 24933
Ion Ratio Lower Upper
248 100
250 193.6 75.4 113.2#
141 494.7 48.1 72.1#

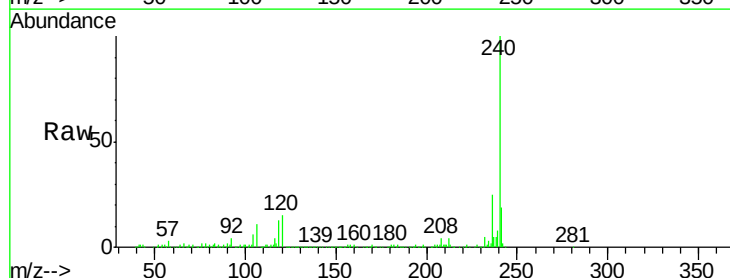


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

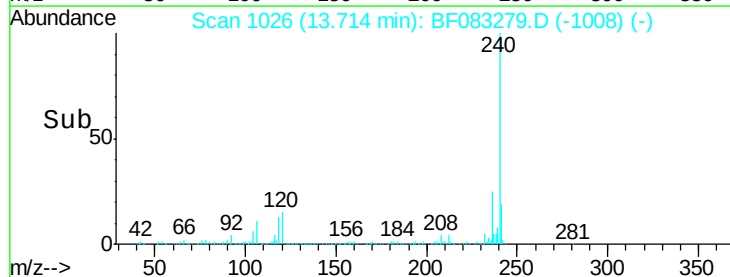
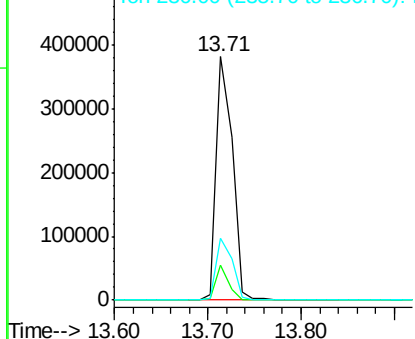


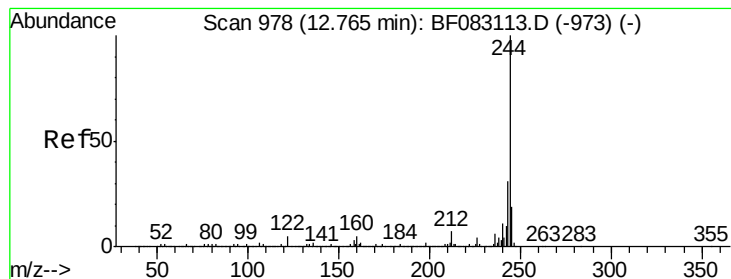
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1026
Delta R.T. -0.09 min
Lab File: BF083279.D
Acq: 25 Nov 2015 17:54

Tgt Ion:240 Resp: 458663
Ion Ratio Lower Upper
240 100
120 14.5 5.4 8.2#
236 25.3 20.6 31.0



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: 73.25 ng

RT: 12.69 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083279.D

Acq: 25 Nov 2015 17:54

Instrument :

BNA_F

ClientSampleId :

P001-BF003-02

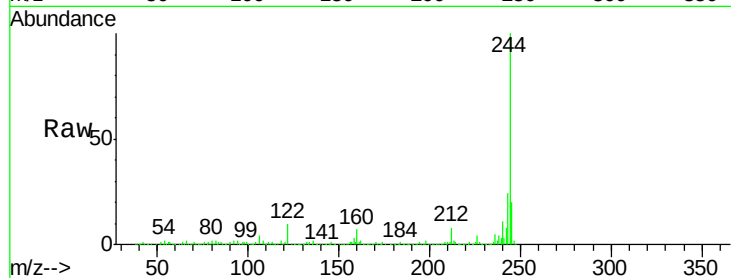
Tgt Ion:244 Resp: 1426692

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

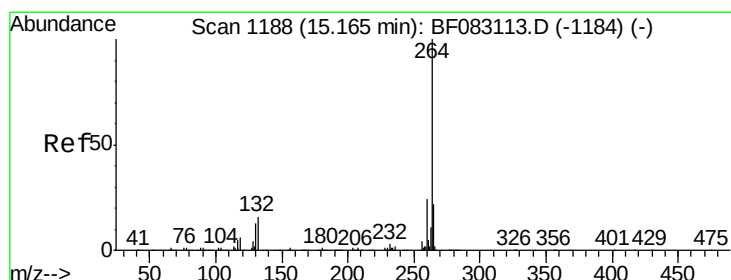
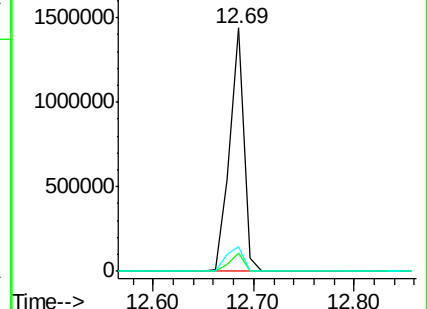
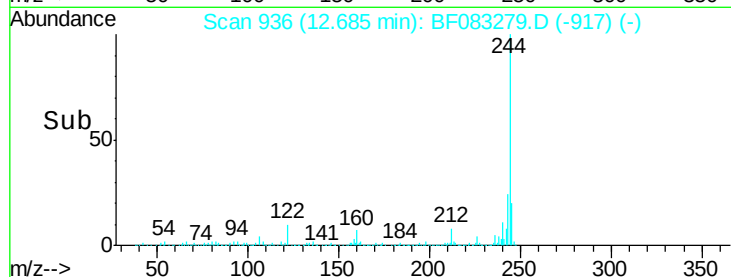
122 10.2 4.3 6.5#



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: 15.06 min Scan# 1144

Delta R.T. -0.10 min

Lab File: BF083279.D

Acq: 25 Nov 2015 17:54

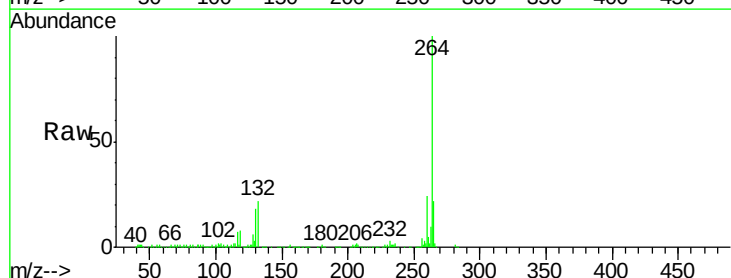
Tgt Ion:264 Resp: 363072

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 22.4 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

