

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
 Data File : BF092106.D
 Acq On : 5 Jan 2017 23:15
 Operator : UM/SJ
 Sample : I1004-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Quant Time: Jan 06 00:51:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 00:13:42 2017
 Response via : Initial Calibration

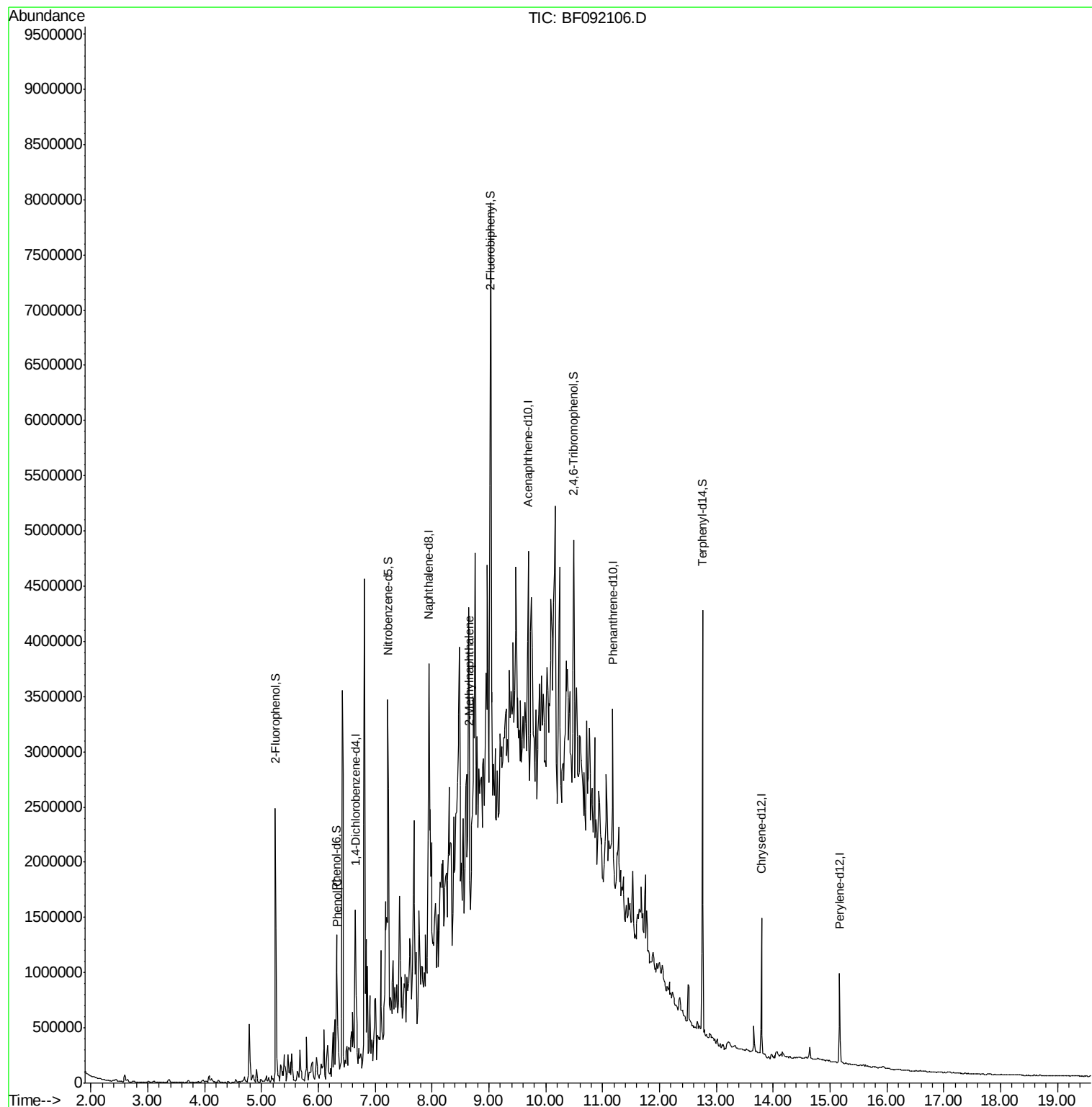
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	192615	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	720294	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	479711	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	524928	20.00	ng	0.01
75) Chrysene-d12	13.80	240	418322	20.00	ng	0.00
86) Perylene-d12	15.17	264	354505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	877199	76.04	ng	0.00
7) Phenol-d6	6.32	99	610451	43.34	ng	0.00
23) Nitrobenzene-d5	7.22	82	1237171	95.51	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	382650	96.39	ng	0.01
44) 2-Fluorobiphenyl	9.03	172	1944606	82.71	ng	0.01
78) Terphenyl-d14	12.76	244	1334361	77.36	ng	0.00
Target Compounds						
10) Phenol	6.33	94	94424	5.88	ng	91
37) 2-Methylnaphthalene	8.65	142	129738	4.60	ng	# 91

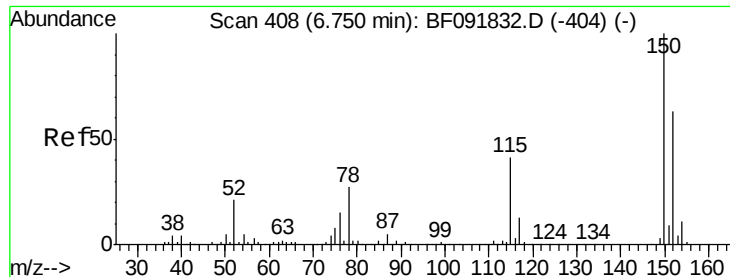
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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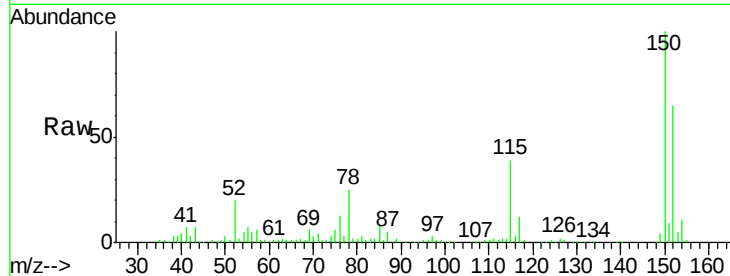


#1

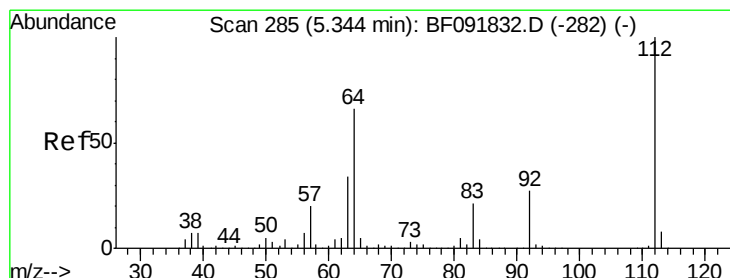
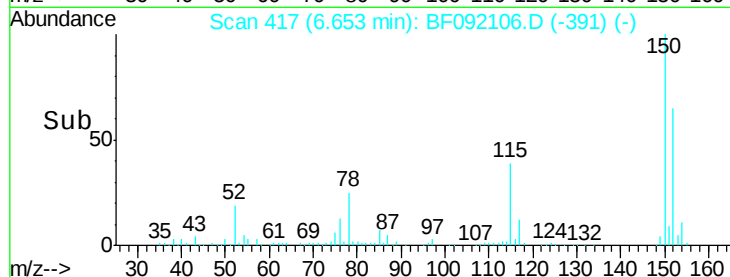
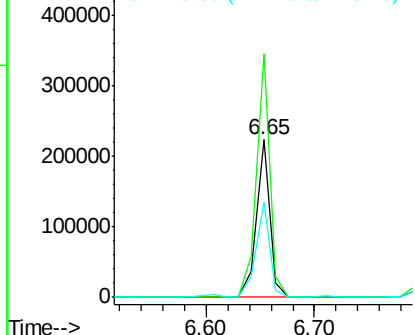
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF092106.D
 Acq: 5 Jan 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Tot Ion:152 Resp: 192615
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.9 187.3
 115 60.6 46.0 69.0



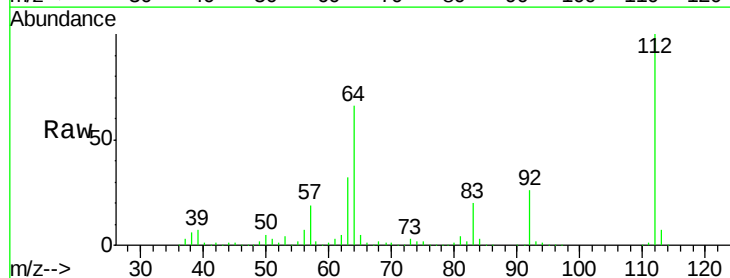
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



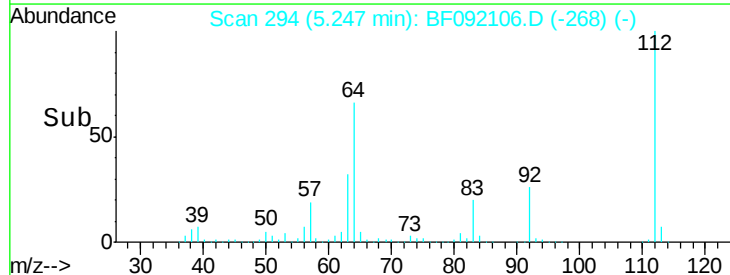
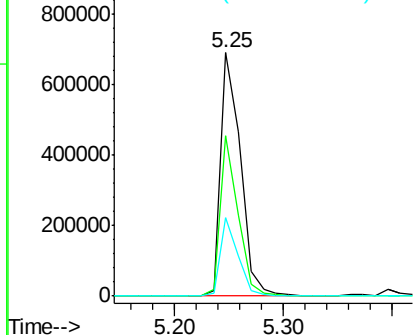
#5

2-Fluorophenol
 Concen: 76.04 ng
 RT: 5.25 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: BF092106.D
 Acq: 5 Jan 2017 23:15

Tgt Ion:112 Resp: 877199
 Ion Ratio Lower Upper
 112 100
 64 65.8 46.1 69.1
 63 32.5 23.8 35.6



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: 43.34 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF092106.D

Acq: 5 Jan 2017 23:15

Instrument :

BNA_F

ClientSampled :

MW-36

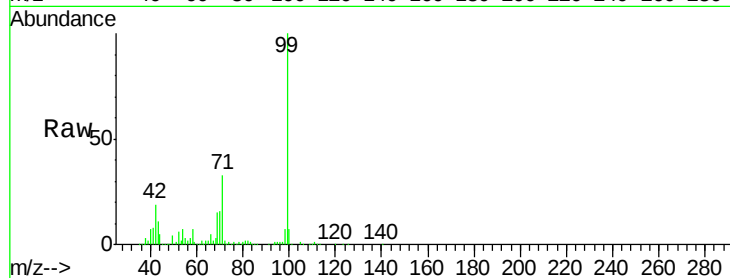
Tot Ion: 99 Resp: 610451

Ion Ratio Lower Upper

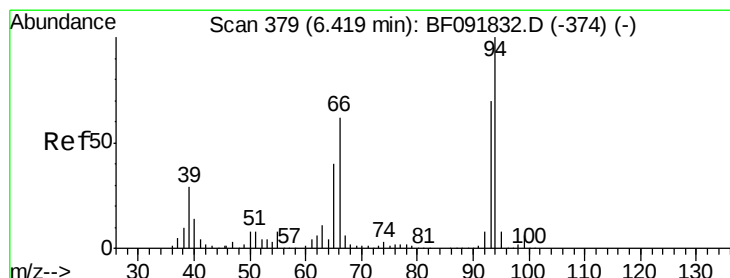
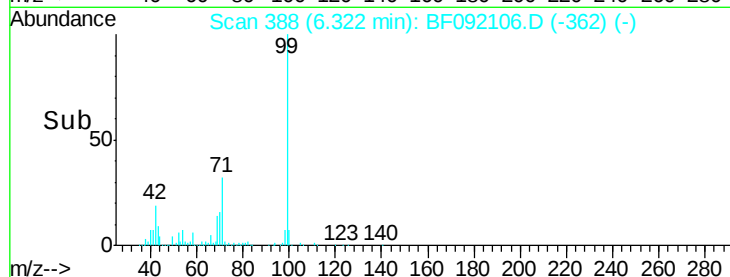
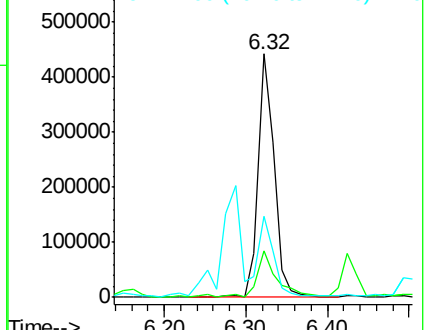
99 100

42 19.2 15.6 23.4

71 33.1 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.88 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092106.D

Acq: 5 Jan 2017 23:15

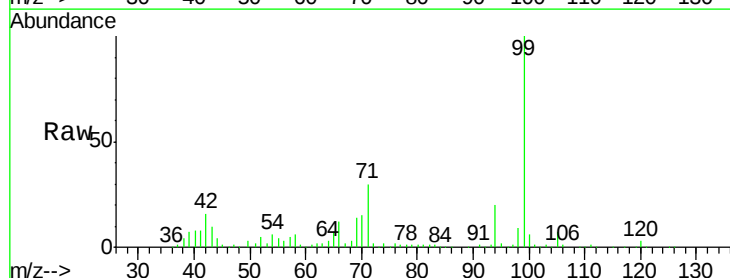
Tgt Ion: 94 Resp: 94424

Ion Ratio Lower Upper

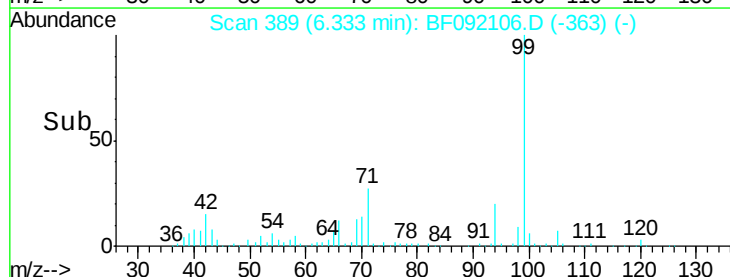
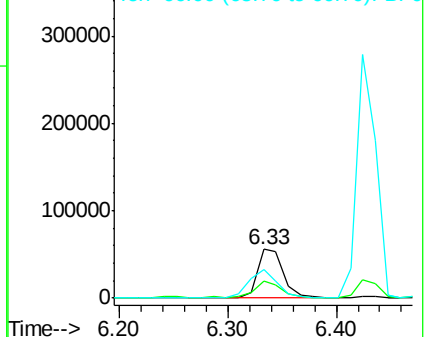
94 100

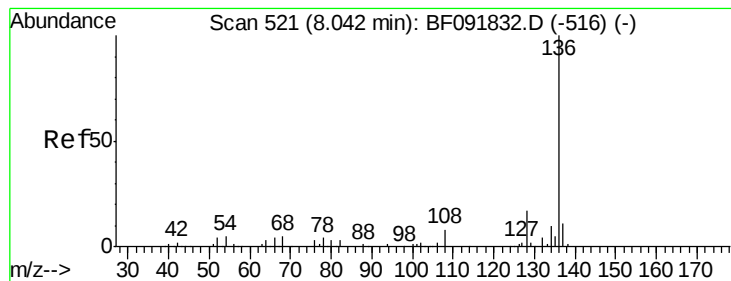
65 33.9 21.4 61.4

66 58.4 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF092106.D

Acq: 5 Jan 2017 23:15

Instrument :

BNA_F

ClientSampled :

MW-36

Tot Ion:136 Resp: 720294

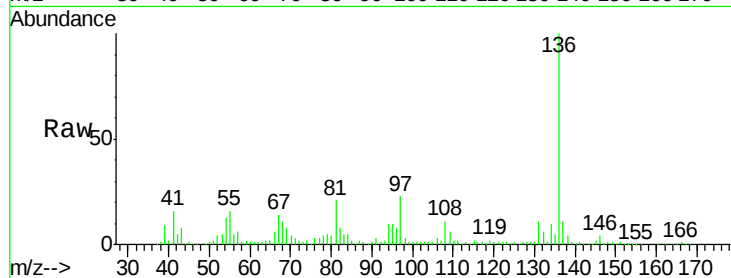
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 12.5 4.5 6.7#

68 10.9 3.6 5.4#

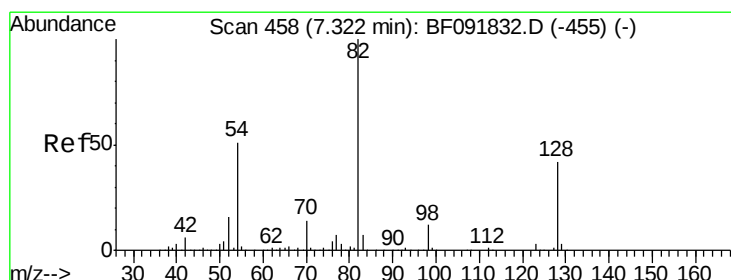
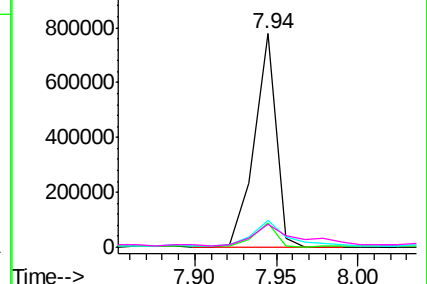
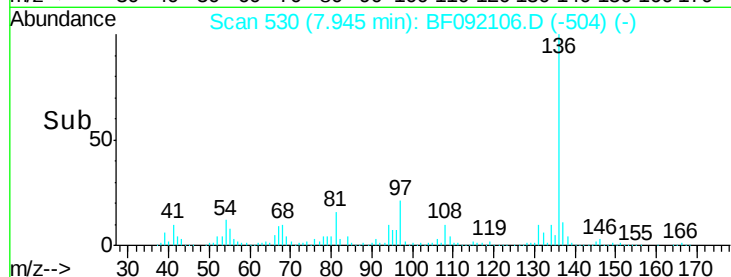


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.51 ng

RT: 7.22 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF092106.D

Acq: 5 Jan 2017 23:15

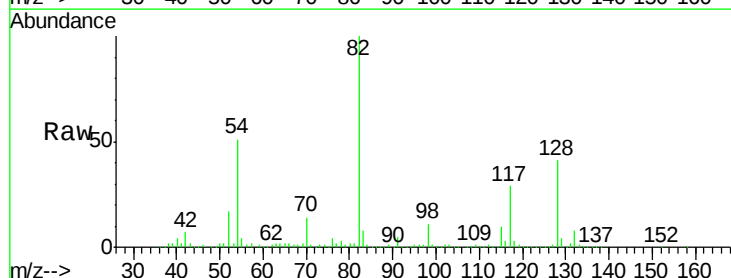
Tgt Ion: 82 Resp: 1237171

Ion Ratio Lower Upper

82 100

128 41.2 34.6 52.0

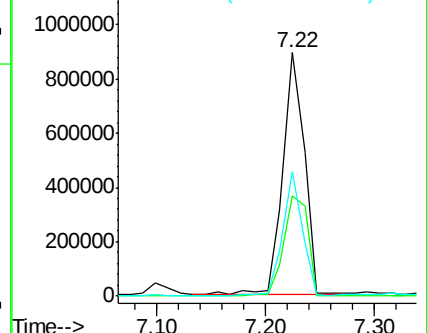
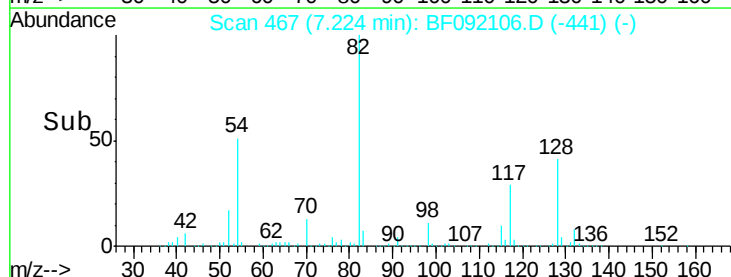
54 51.3 39.5 59.3

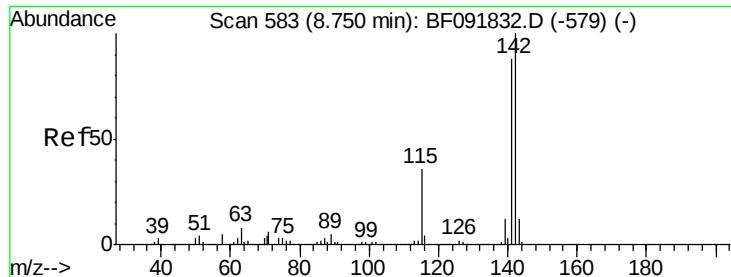


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

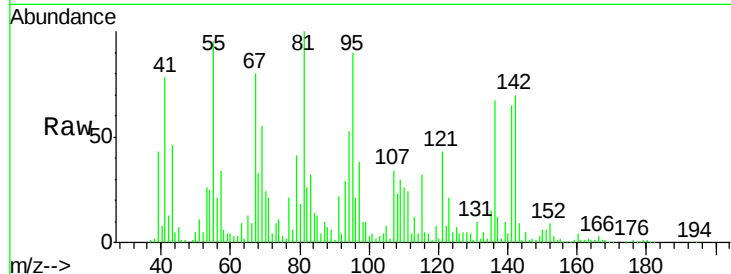




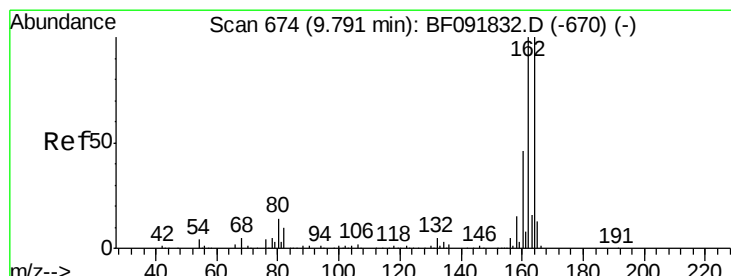
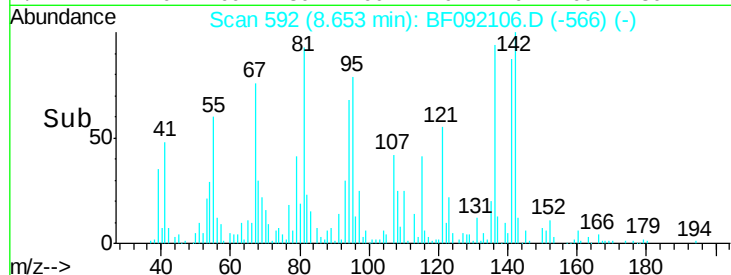
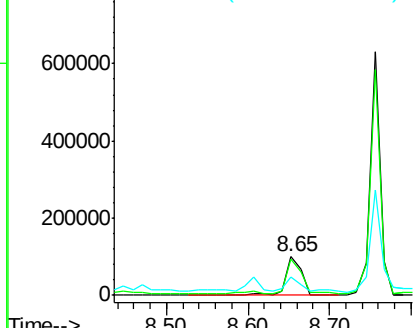
#37
2-Methylnaphthalene
Concen: 4.60 ng
RT: 8.65 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF092106.D
Acq: 5 Jan 2017 23:15

Instrument :
BNA_F
ClientSampleId :
MW-36

Tot Ion:142 Resp: 129738
Ion Ratio Lower Upper
142 100
141 93.1 71.0 106.6
115 46.6 28.3 42.5#

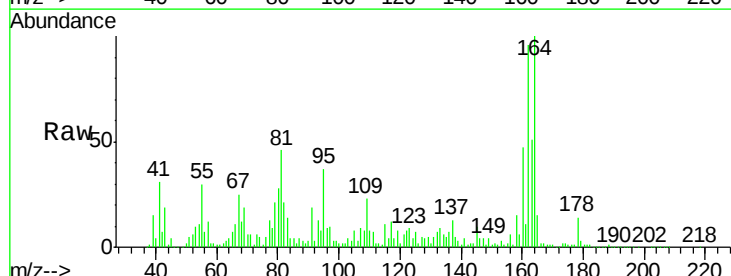


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

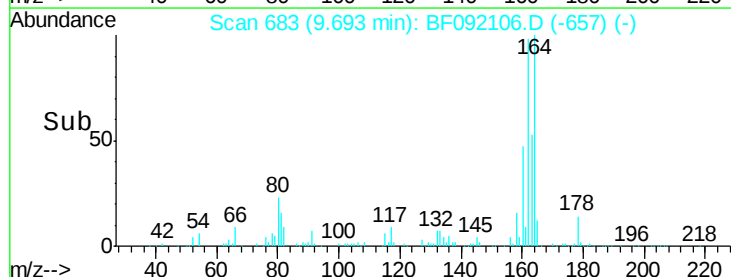
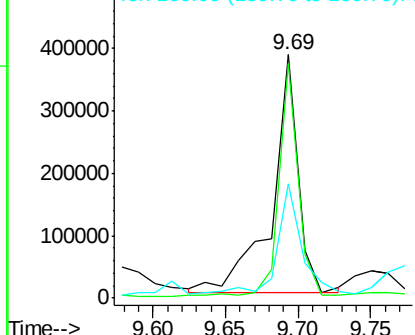


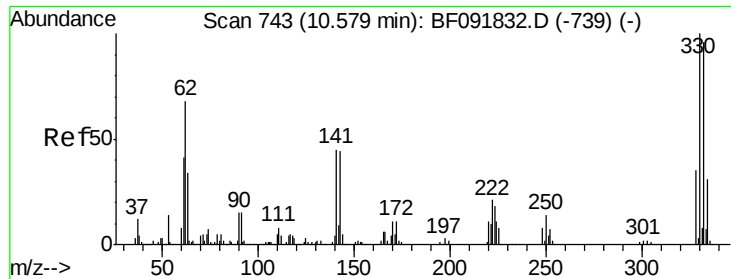
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092106.D
Acq: 5 Jan 2017 23:15

Tgt Ion:164 Resp: 479711
Ion Ratio Lower Upper
164 100
162 96.3 80.2 120.2
160 46.9 36.9 55.3



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

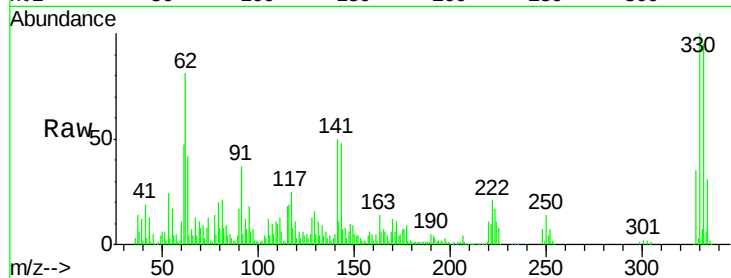




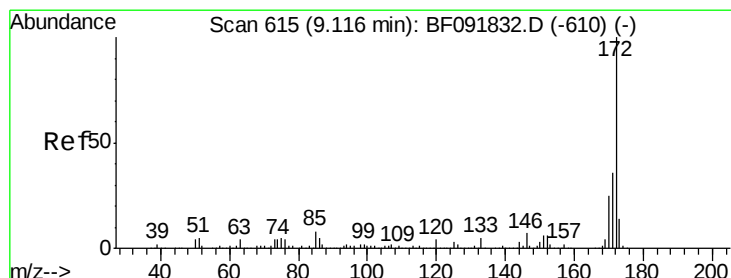
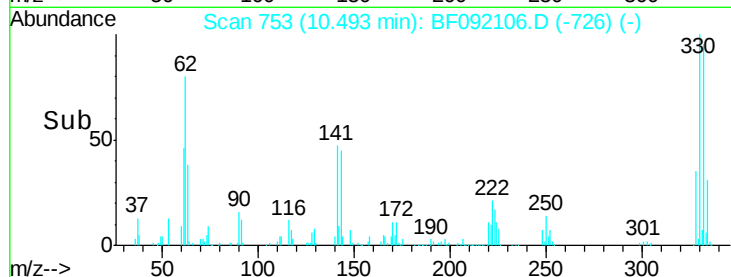
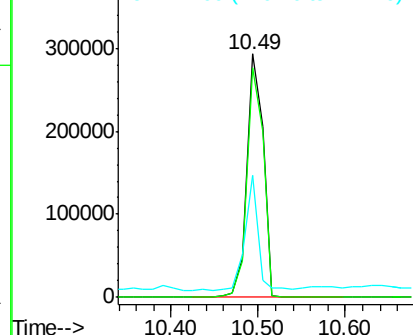
#41
 2,4,6-Tribromophenol
 Concen: 96.39 ng
 RT: 10.49 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF092106.D
 Acq: 5 Jan 2017 23:15

Instrument :
 BNA_F
 ClientSampled :
 MW-36

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	37.1	34.1	51.1

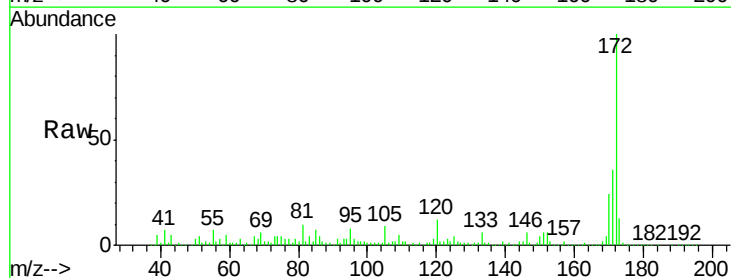


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

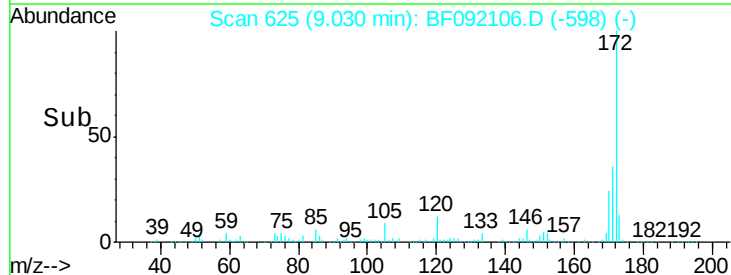
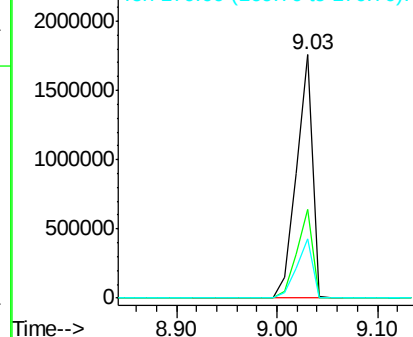


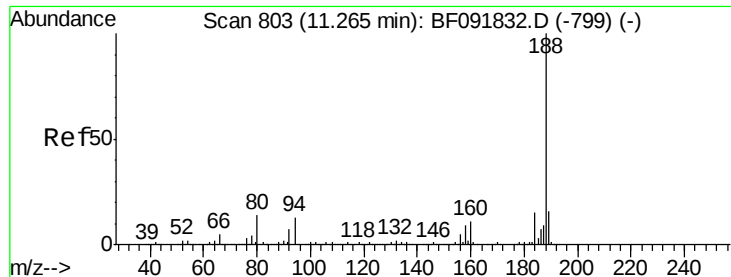
#44
 2-Fluorobiphenyl
 Concen: 82.71 ng
 RT: 9.03 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF092106.D
 Acq: 5 Jan 2017 23:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.3	20.2	30.4



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

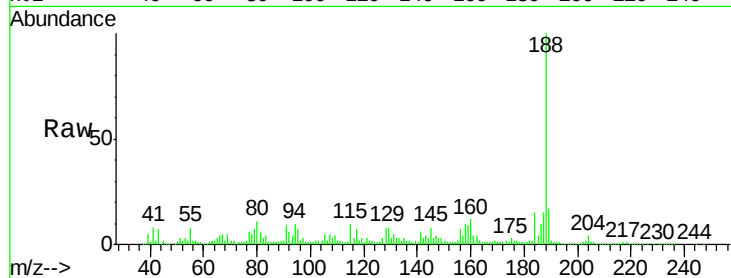




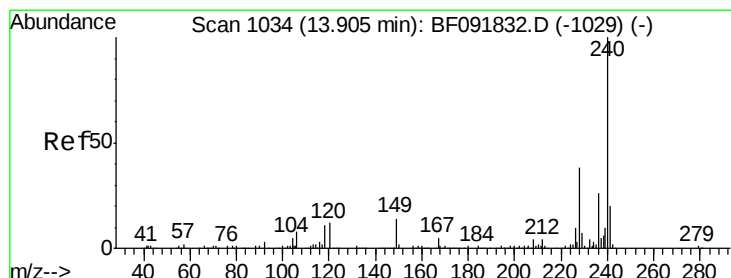
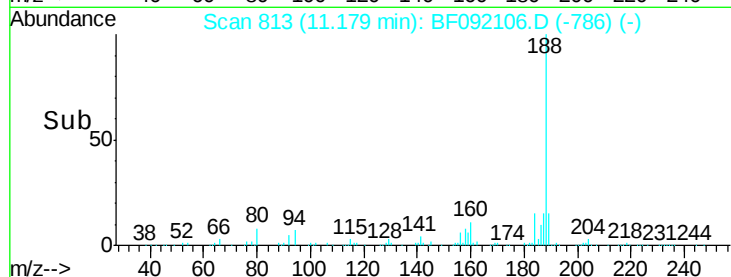
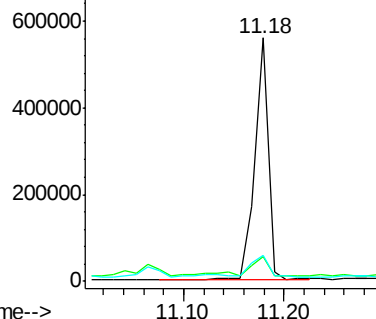
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF092106.D
Acq: 5 Jan 2017 23:15

Instrument :
BNA_F
ClientSampleId :
MW-36

Tot Ion:188 Resp: 524928
Ion Ratio Lower Upper
188 100
94 10.3 10.0 15.0
80 10.6 11.2 16.8#

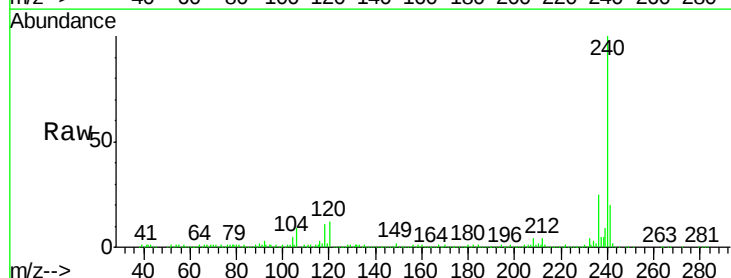


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

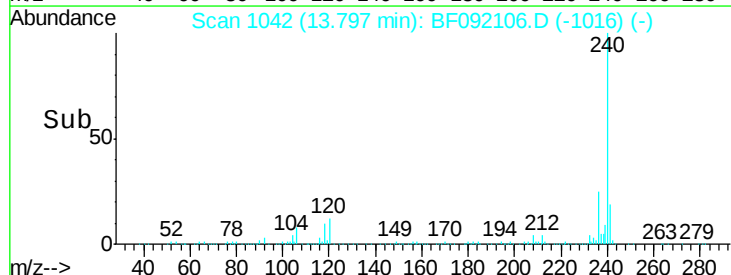
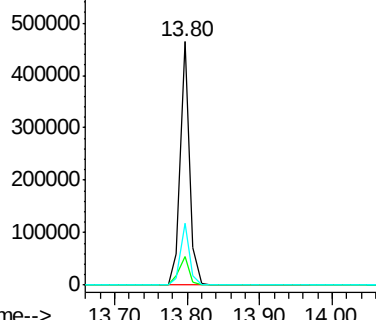


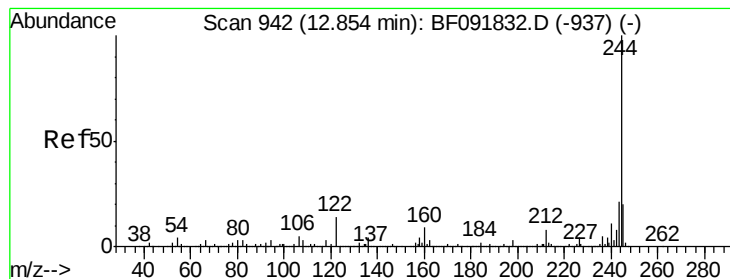
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF092106.D
Acq: 5 Jan 2017 23:15

Tgt Ion:240 Resp: 418322
Ion Ratio Lower Upper
240 100
120 11.8 12.9 19.3#
236 25.5 20.9 31.3



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: 77.36 ng

RT: 12.76 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092106.D

Acq: 5 Jan 2017 23:15

Instrument :

BNA_F

ClientSampleId :

MW-36

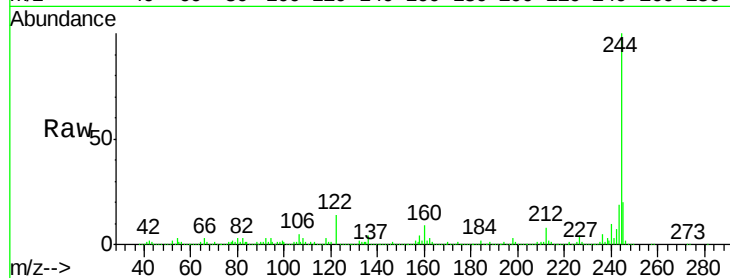
Tot Ion:244 Resp: 1334361

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

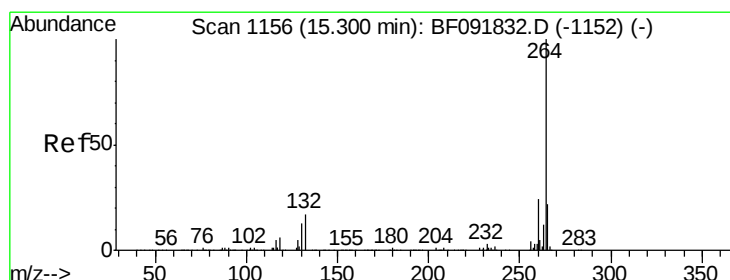
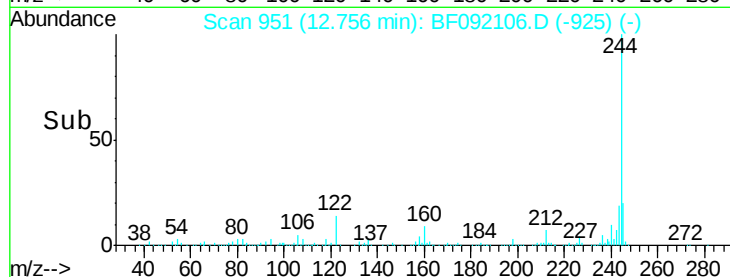
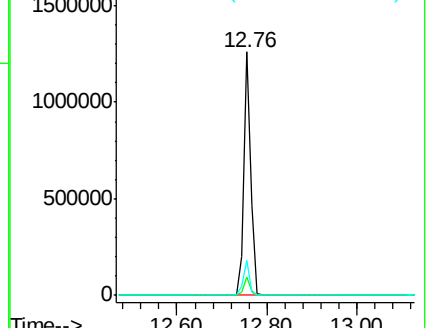
122 14.4 11.4 17.2



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# 1162

Delta R.T. -0.00 min

Lab File: BF092106.D

Acq: 5 Jan 2017 23:15

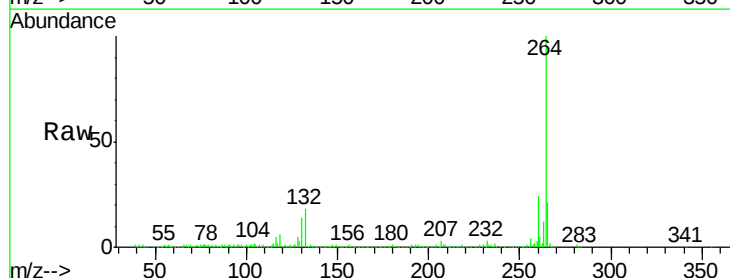
Tgt Ion:264 Resp: 354505

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.2 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

