

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096795.D
 Acq On : 15 Jul 2017 2:15
 Operator : SJ/JU
 Sample : I4187-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB5-0-2

Quant Time: Jul 15 04:10:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

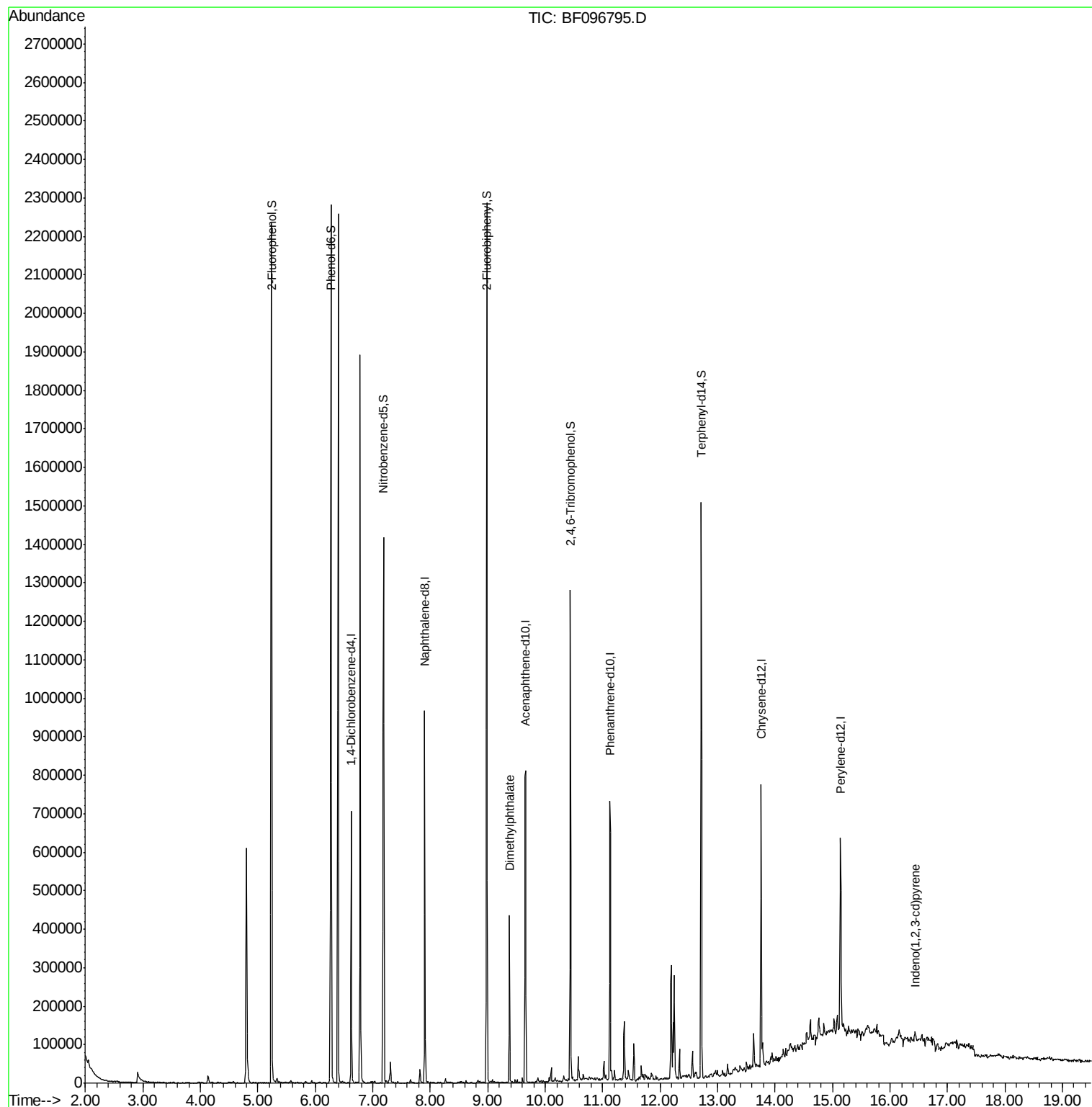
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	100001	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	413793	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	166060	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	252425	20.00	ng	-0.02
75) Chrysene-d12	13.76	240	211420	20.00	ng	-0.02
86) Perylene-d12	15.14	264	200237	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	678875	102.07	ng	0.00
7) Phenol-d6	6.27	99	778009	97.48	ng	0.00
23) Nitrobenzene-d5	7.19	82	431427	64.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	127259	89.78	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	727572	69.22	ng	-0.01
78) Terphenyl-d14	12.72	244	417676	34.26	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.38	163	178125	14.246	ng	Qvalue 99
85) Indeno(1,2,3-cd)pyrene	16.44	276	10524	4.172	ng	# 95

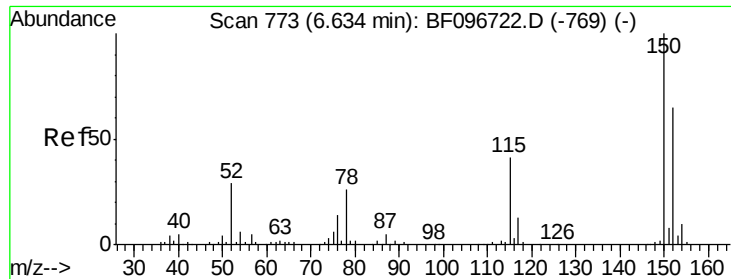
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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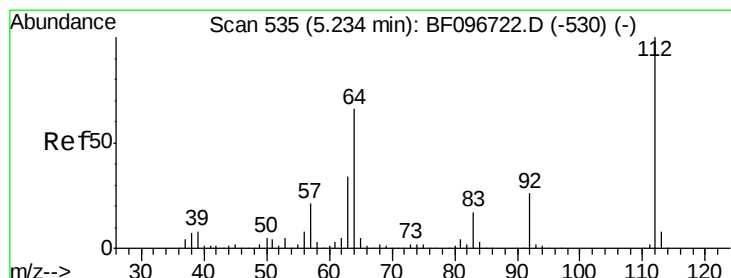
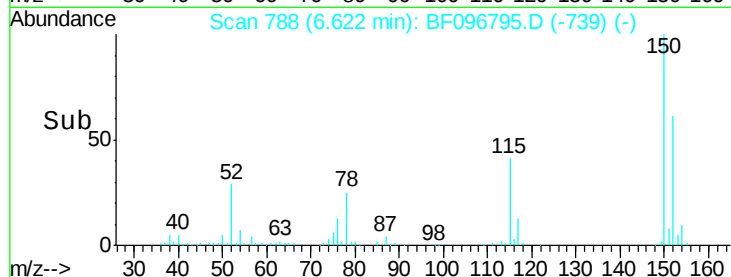
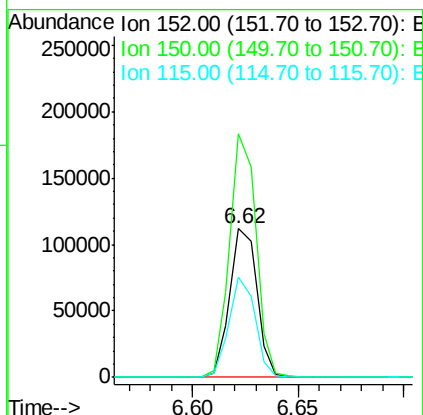
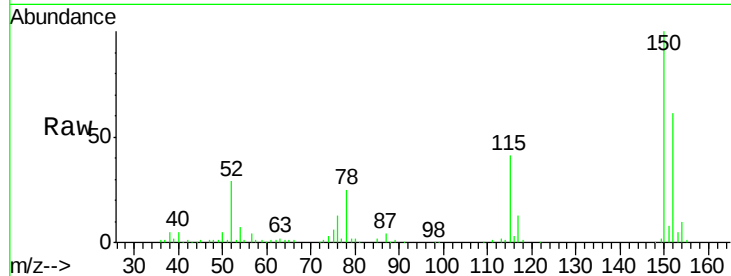




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF096795.D
 Acq: 15 Jul 2017 2:15

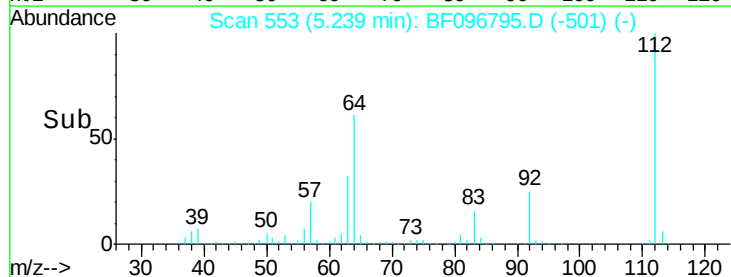
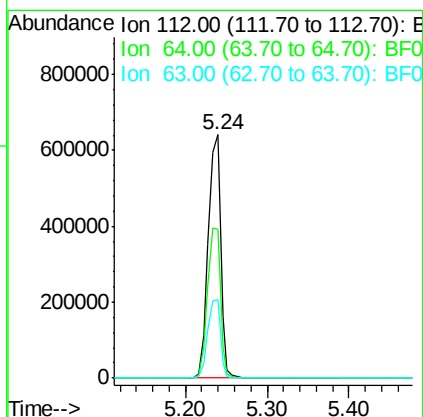
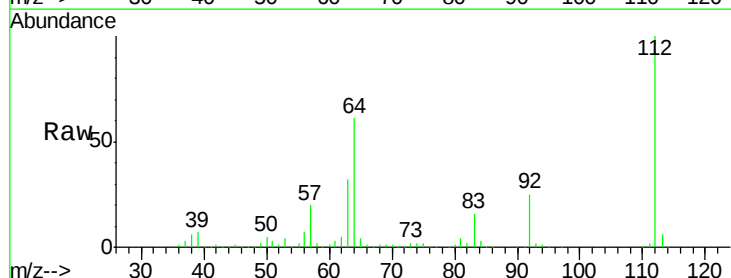
Instrument :
 BNA_F
 ClientSampleId :
 CI-SB5-0-2

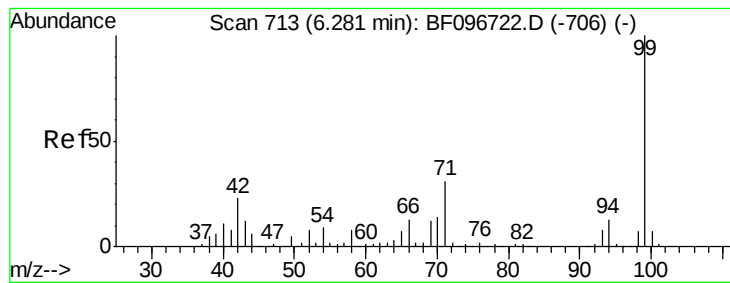
Tgt Ion:152 Resp: 100001
 Ion Ratio Lower Upper
 152 100
 150 164.1 126.2 189.2
 115 67.4 52.2 78.2



#5
 2-Fluorophenol
 Concen: 102.074 ng
 RT: 5.24 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF096795.D
 Acq: 15 Jul 2017 2:15

Tgt Ion:112 Resp: 678875
 Ion Ratio Lower Upper
 112 100
 64 61.4 46.0 69.0
 63 32.0 23.4 35.0





#7

Phenol-d6

Concen: 97.480 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096795.D

Acq: 15 Jul 2017 2:15

Instrument :

BNA_F

ClientSampled :

CI-SB5-0-2

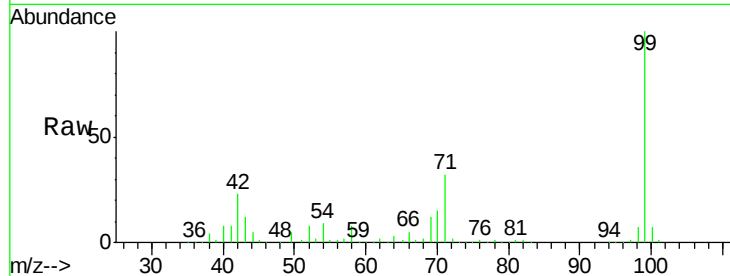
Tgt Ion: 99 Resp: 778009

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

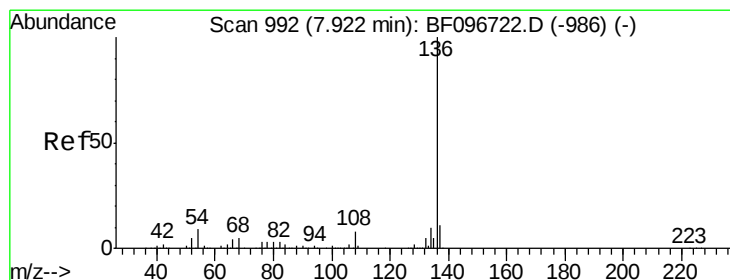
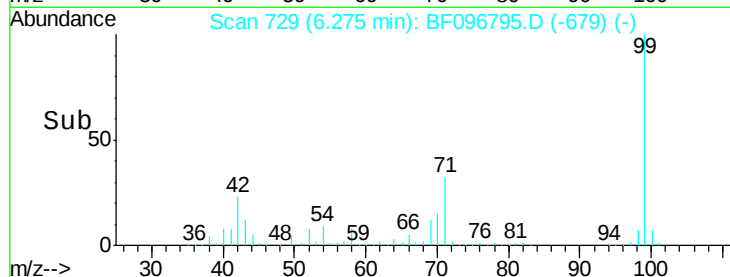
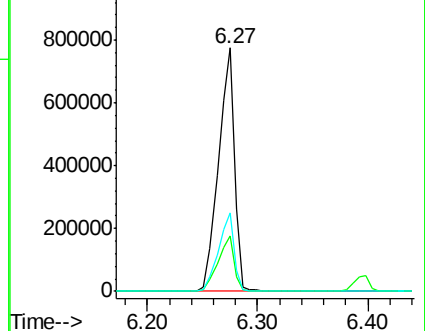
71 32.5 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF096795.D

Acq: 15 Jul 2017 2:15

Tgt Ion: 136 Resp: 413793

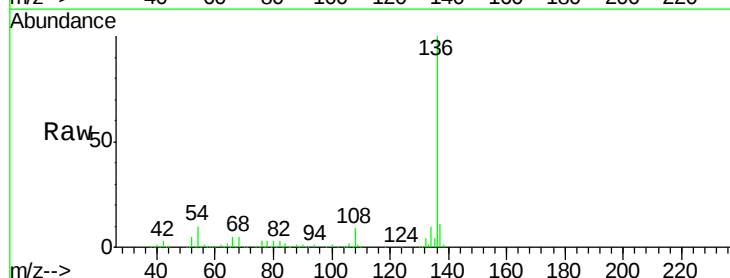
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.8 4.9 7.3#

68 5.1 4.1 6.1

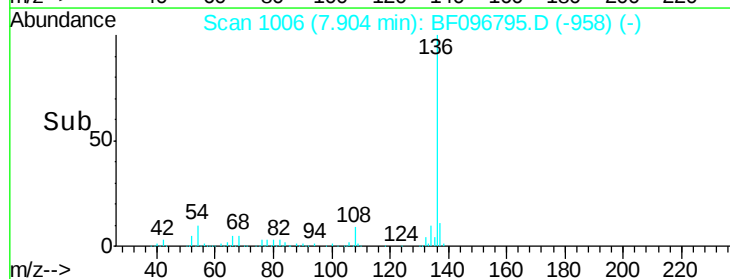
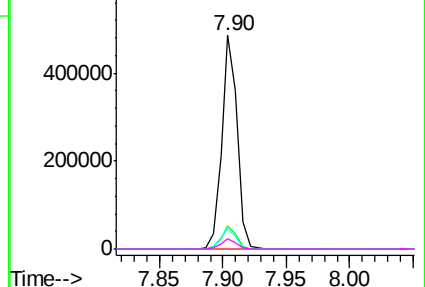


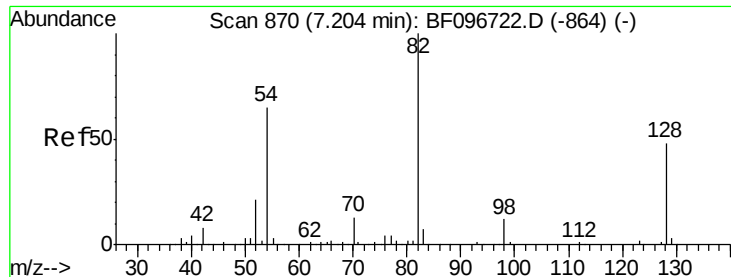
Abundance Ion 136.00 (135.70 to 136.70): E

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

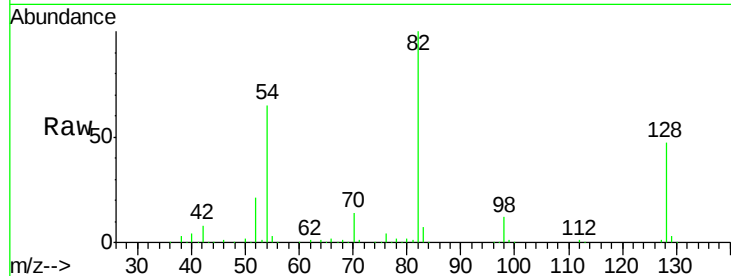




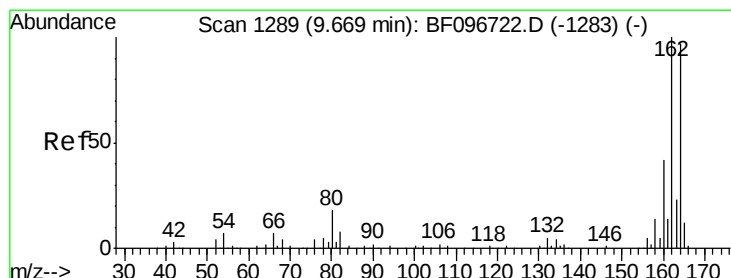
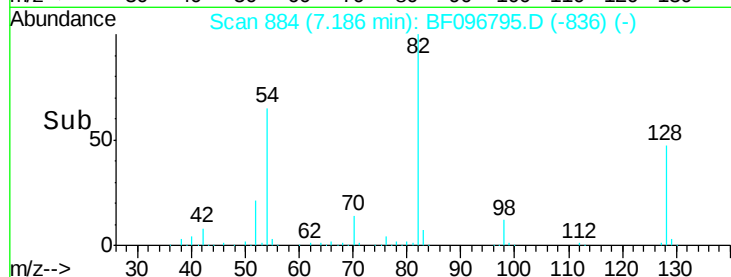
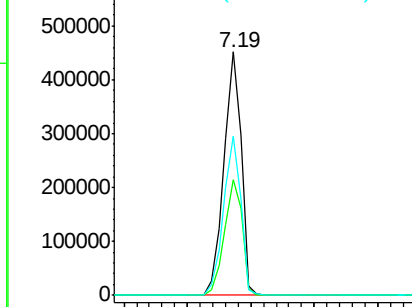
#23
 Nitrobenzene-d5
 Concen: 64.580 ng
 RT: 7.19 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096795.D
 Acq: 15 Jul 2017 2:15

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB5-0-2

Tgt Ion: 82 Resp: 431427
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 65.5 42.2 63.2#

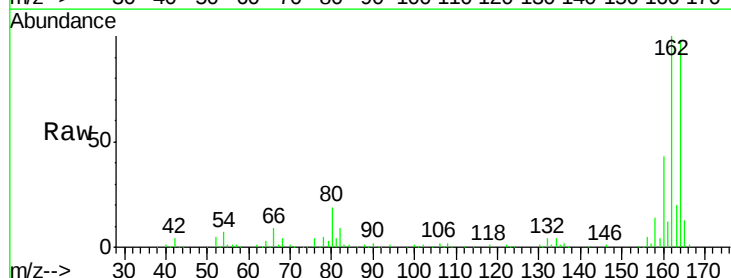


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

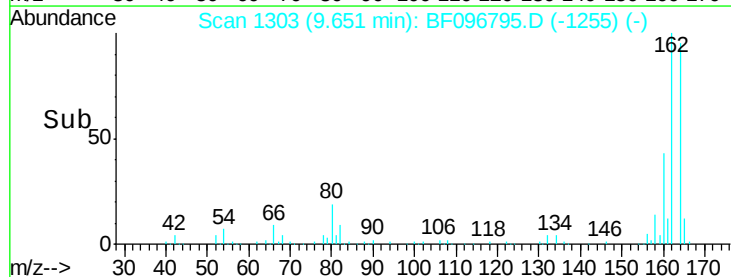
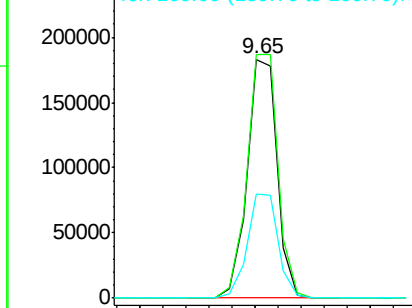


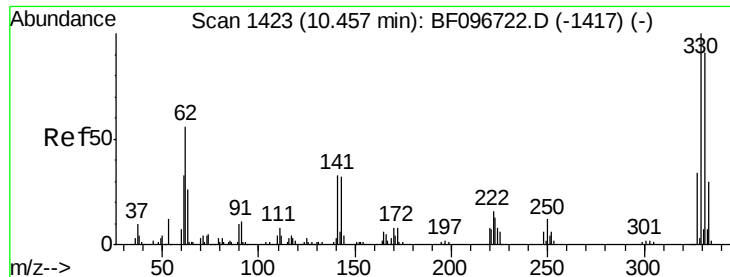
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.65 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF096795.D
 Acq: 15 Jul 2017 2:15

Tgt Ion: 164 Resp: 166060
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 123.8
 160 43.7 36.2 54.2



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

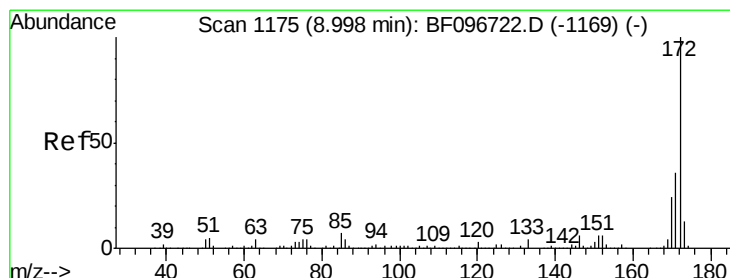
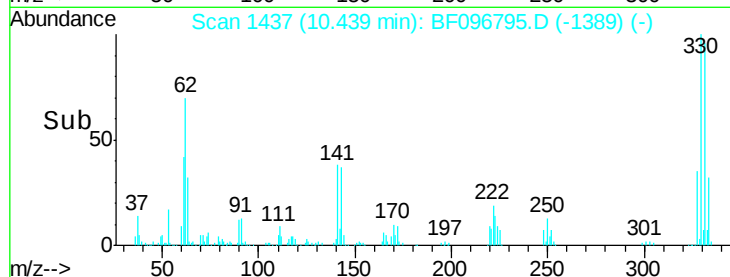
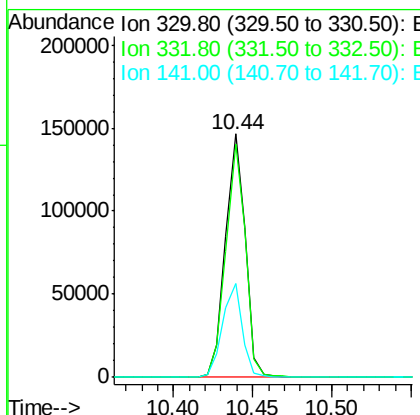
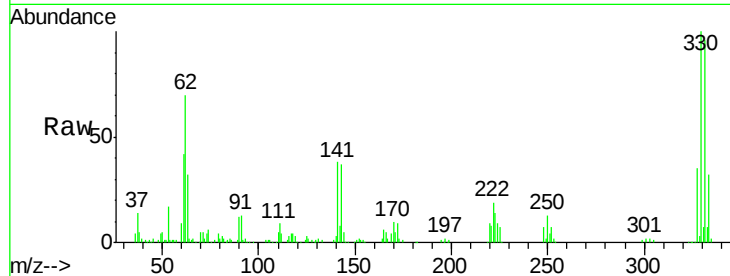




#41
 2,4,6-Tribromophenol
 Concen: 89.779 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096795.D
 Acq: 15 Jul 2017 2:15

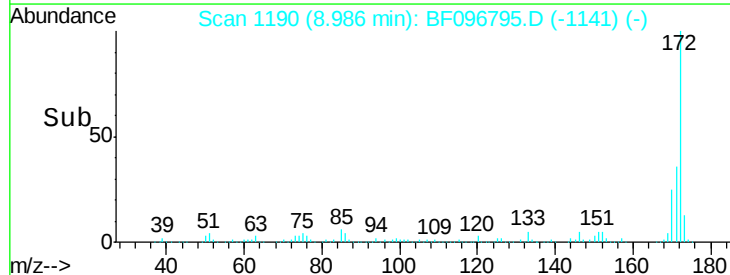
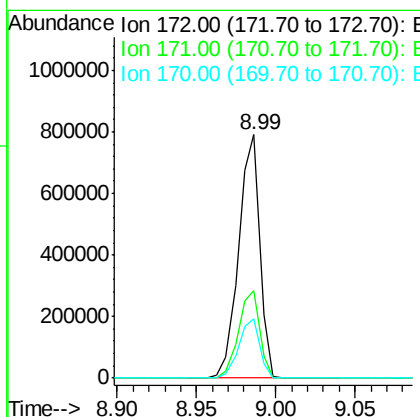
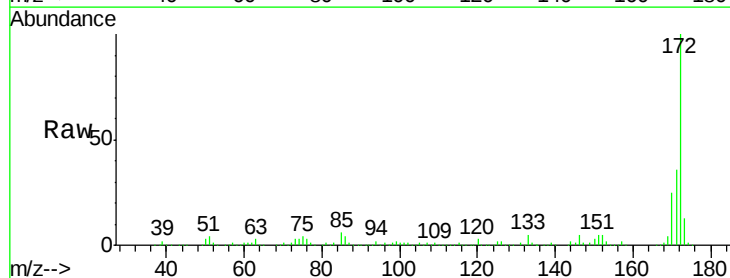
Instrument :
 BNA_F
 ClientSampleId :
 CI-SB5-0-2

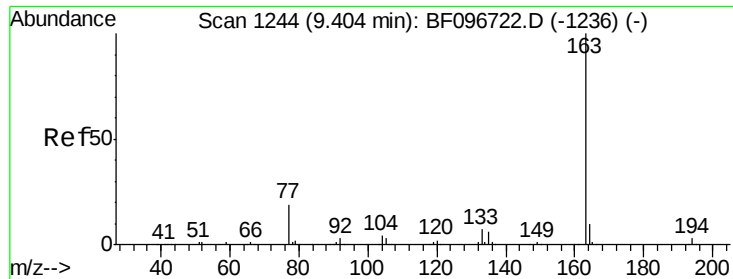
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	38.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 69.222 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096795.D
 Acq: 15 Jul 2017 2:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.6	19.8	29.8

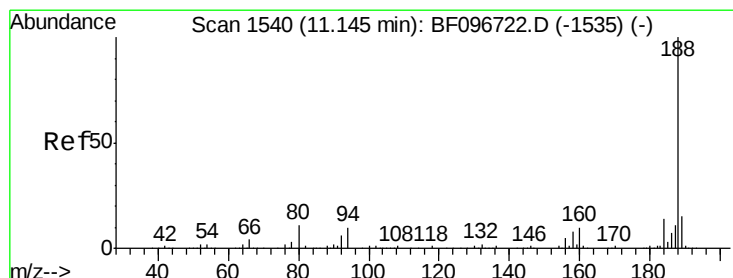
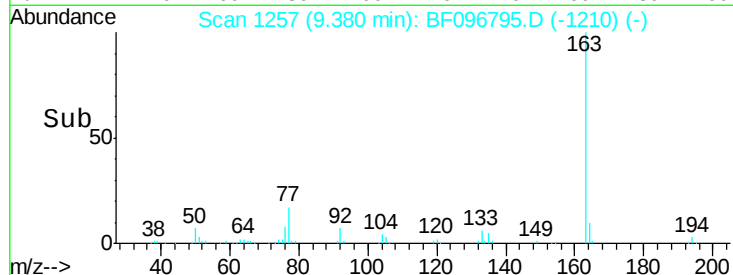
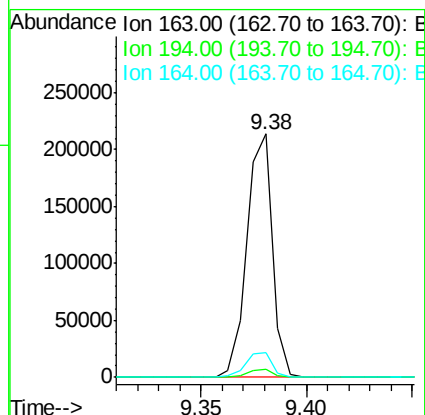
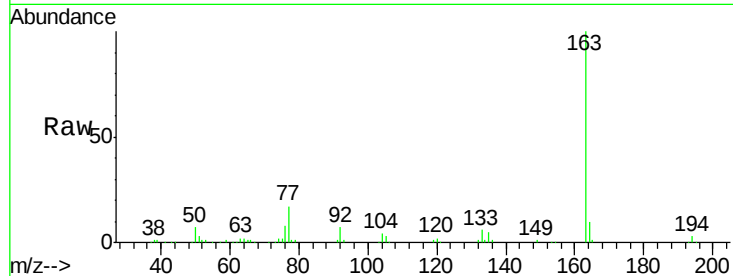




#49
Dimethylphthalate
Concen: 14.246 ng
RT: 9.38 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096795.D
Acq: 15 Jul 2017 2:15

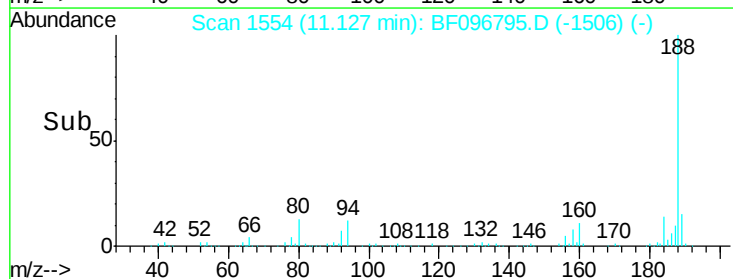
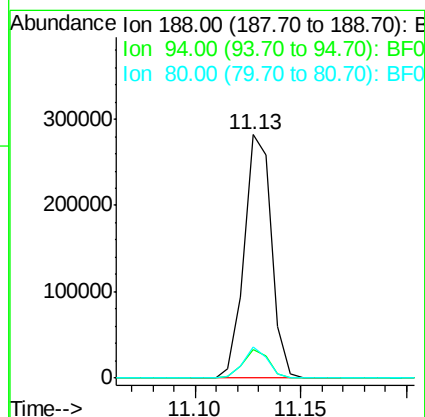
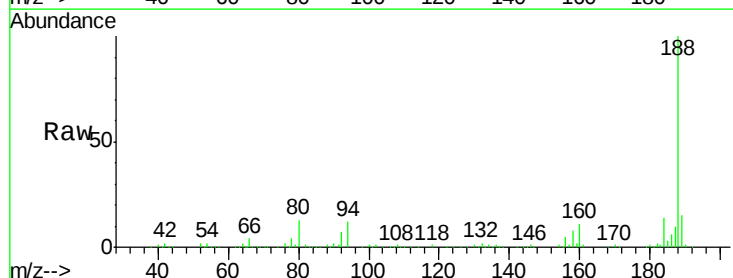
Instrument :
BNA_F
ClientSampled :
CI-SB5-0-2

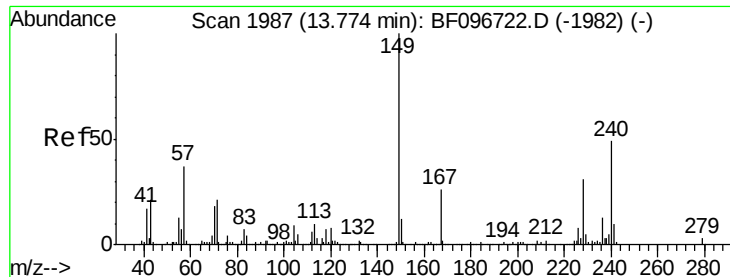
Tgt Ion:163 Resp: 178125
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.2 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF096795.D
Acq: 15 Jul 2017 2:15

Tgt Ion:188 Resp: 252425
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.6 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.76 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096795.D

Acq: 15 Jul 2017 2:15

Instrument :

BNA_F

ClientSampleId :

CI-SB5-0-2

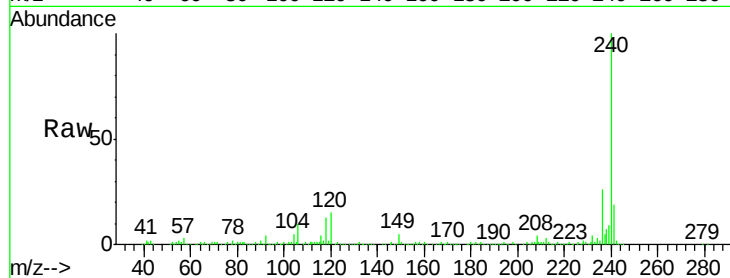
Tgt Ion:240 Resp: 211420

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

236 26.3 20.5 30.7



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

300000

250000

200000

150000

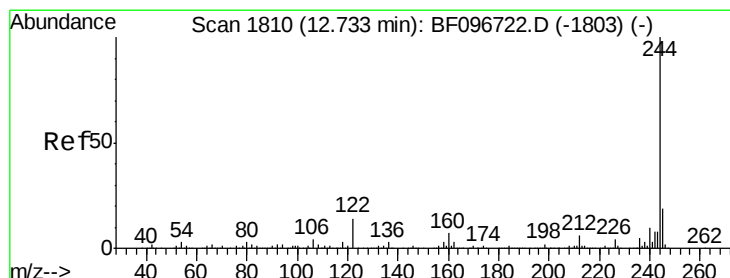
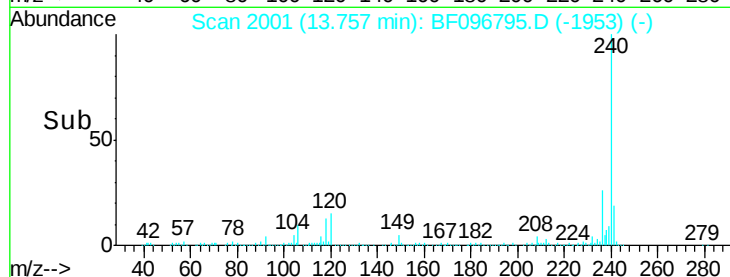
100000

50000

0

13.70 13.75 13.80

Time-->



#78

Terphenyl-d14

Concen: 34.262 ng

RT: 12.72 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096795.D

Acq: 15 Jul 2017 2:15

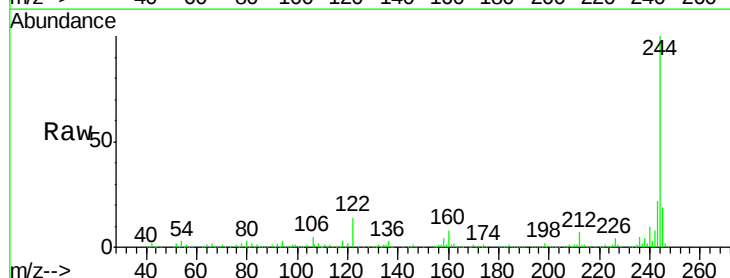
Tgt Ion:244 Resp: 417676

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 14.2 10.3 15.5



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

600000

500000

400000

300000

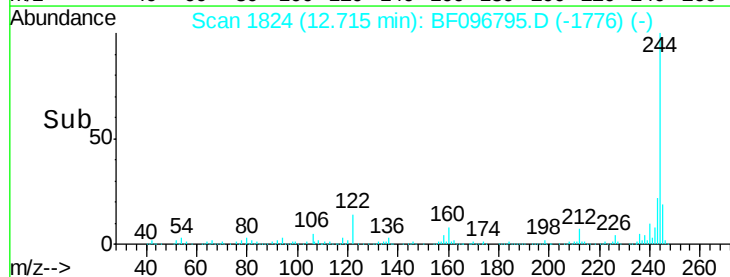
200000

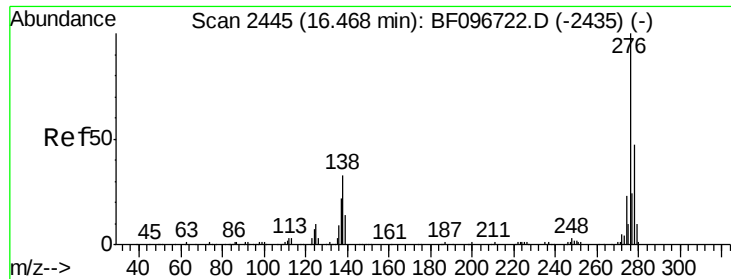
100000

0

12.65 12.70 12.75 12.80

Time-->





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.172 ng

RT: 16.44 min Scan# 2457

Delta R.T. -0.03 min

Lab File: BF096795.D

Acq: 15 Jul 2017 2:15

Instrument :

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CI-SB5-0-2

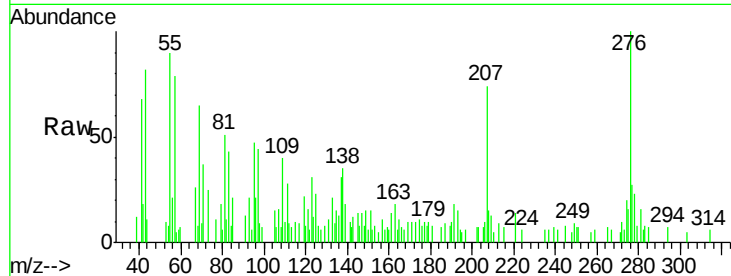
Tgt Ion:276 Resp: 10524

Ion Ratio Lower Upper

276 100

138 35.0 27.8 41.6

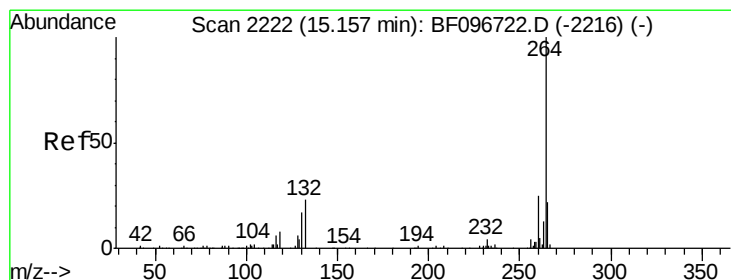
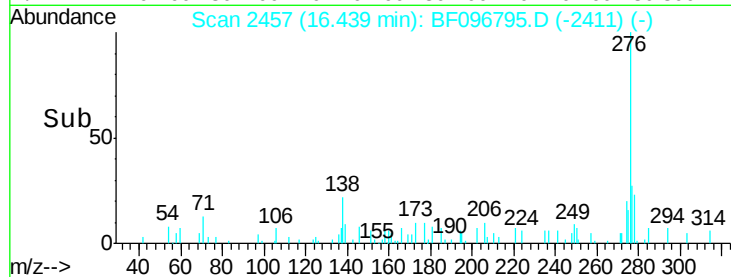
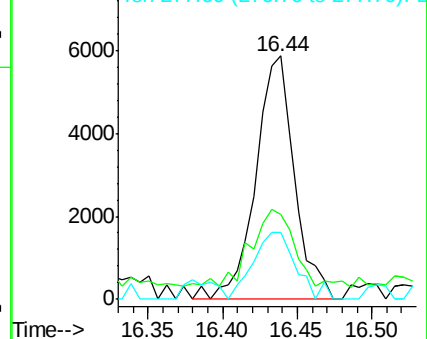
277 30.4 20.2 30.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.14 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF096795.D

Acq: 15 Jul 2017 2:15

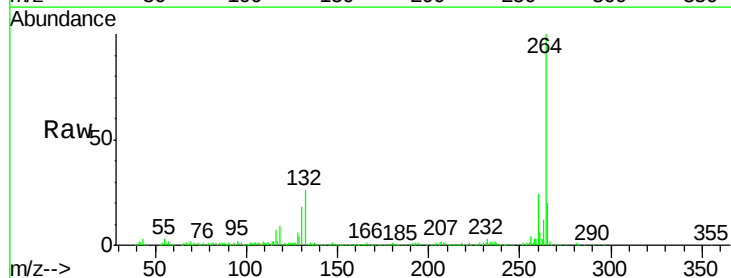
Tgt Ion:264 Resp: 200237

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 20.4 17.2 25.8



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

