

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100715\
 Data File : BF082118.D
 Acq On : 7 Oct 2015 22:06
 Operator : UM/IZ
 Sample : G3926-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-23(42-44)

Quant Time: Oct 08 06:43:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

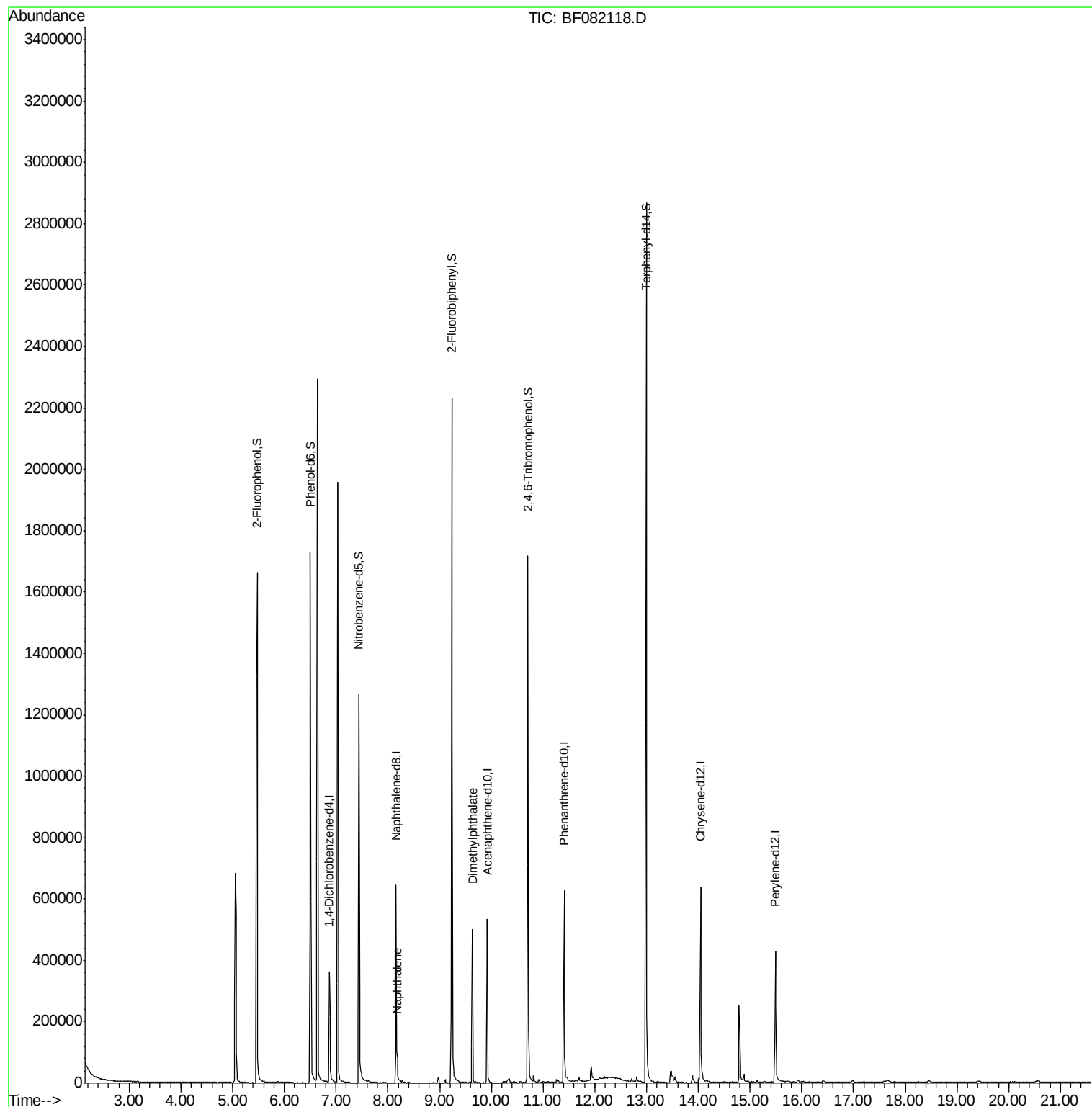
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	82165	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	330517	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	162443	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	331425	20.00	ng	0.00
75) Chrysene-d12	14.05	240	329003	20.00	ng	-0.01
86) Perylene-d12	15.49	264	253445	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	666384	147.23	ng	0.01
7) Phenol-d6	6.50	99	784128	137.68	ng	0.00
23) Nitrobenzene-d5	7.44	82	493843	99.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	240957	146.46	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	943324	100.77	ng	-0.01
78) Terphenyl-d14	13.00	244	1053846	113.90	ng	0.00
Target Compounds						
31) Naphthalene	8.18	128	35957	2.46	ng	Qvalue 99
49) Dimethylphthalate	9.63	163	235235	20.98	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: 6.87 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF082118.D

Acq: 7 Oct 2015 22:06

Instrument :

BNA_F

ClientSampleId :

OS-SB-23(42-44)

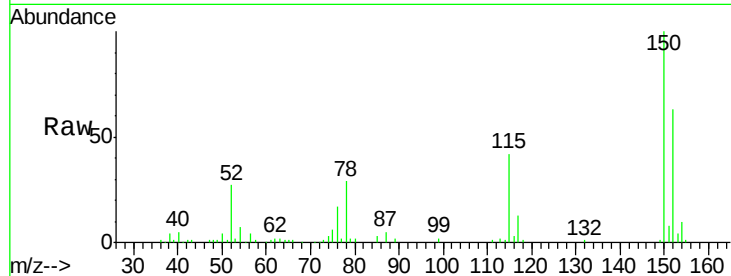
Tgt Ion:152 Resp: 82165

Ion Ratio Lower Upper

152 100

150 159.0 124.7 187.1

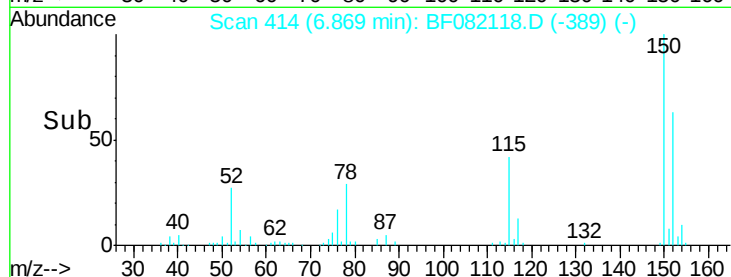
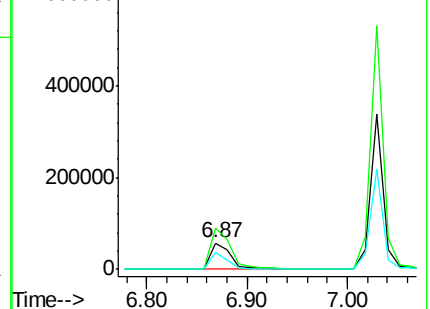
115 66.5 39.0 58.4#



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: 147.23 ng

RT: 5.47 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF082118.D

Acq: 7 Oct 2015 22:06

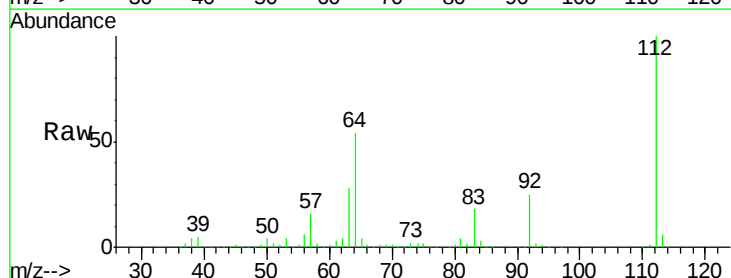
Tgt Ion:112 Resp: 666384

Ion Ratio Lower Upper

112 100

64 53.6 39.7 59.5

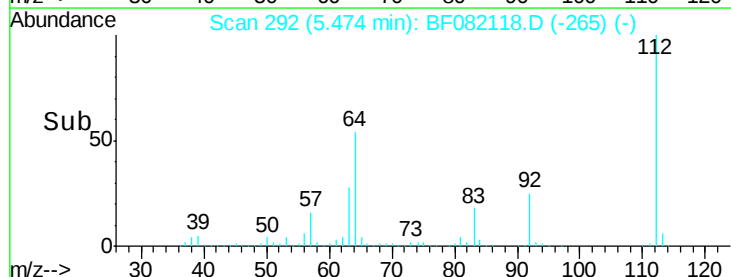
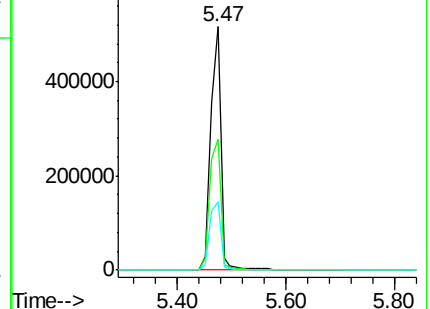
63 28.1 17.4 26.0#

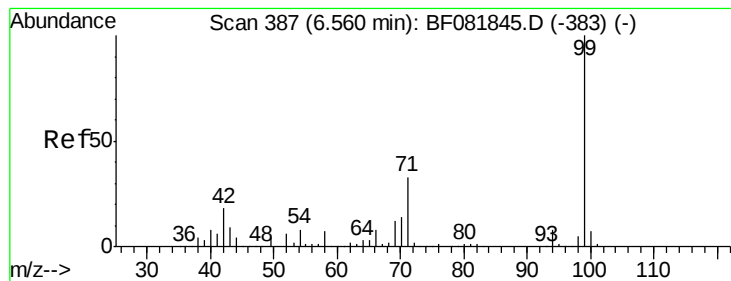


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.68 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF082118.D

Acq: 7 Oct 2015 22:06

Instrument :

BNA_F

ClientSampleId :

OS-SB-23(42-44)

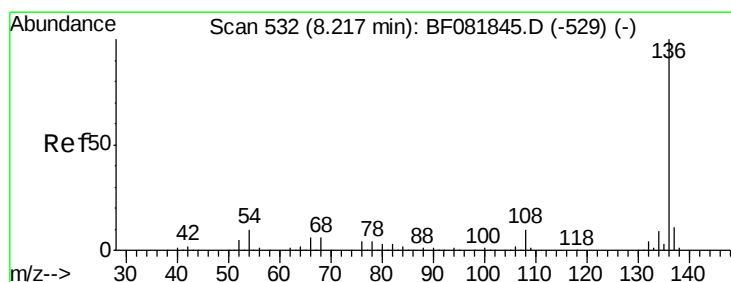
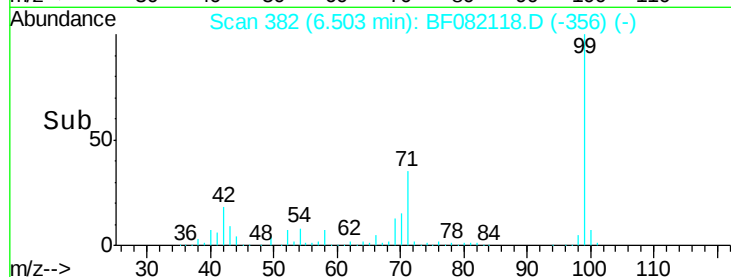
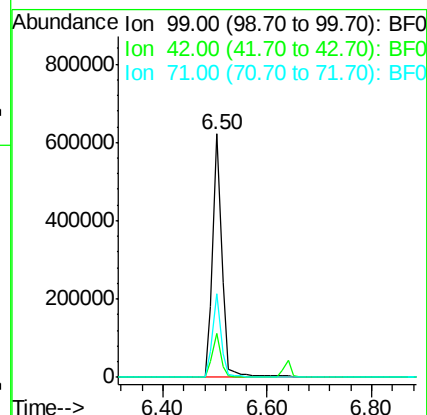
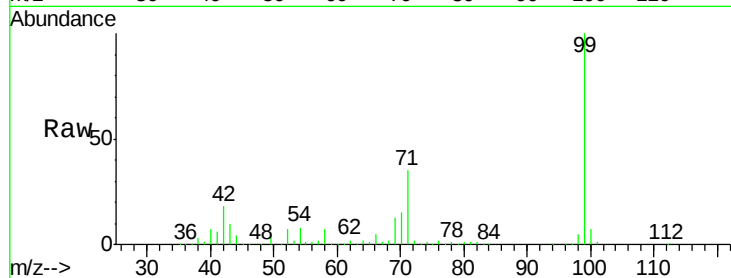
Tgt Ion: 99 Resp: 784128

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

71 34.6 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF082118.D

Acq: 7 Oct 2015 22:06

Tgt Ion: 136 Resp: 330517

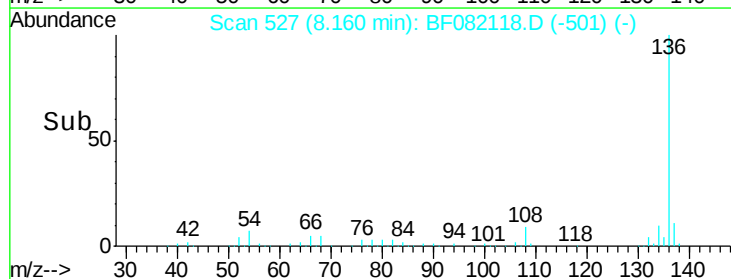
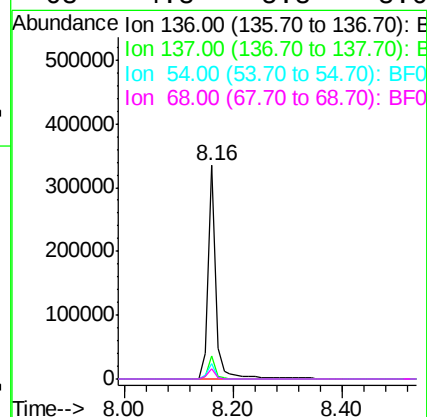
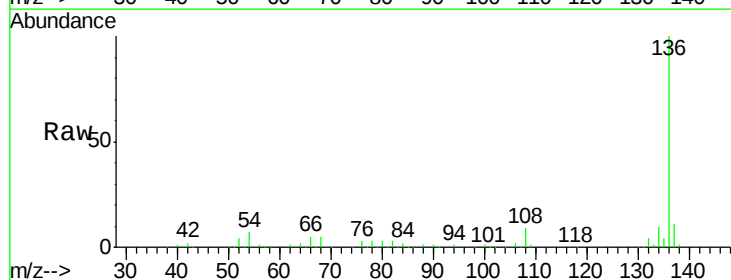
Ion Ratio Lower Upper

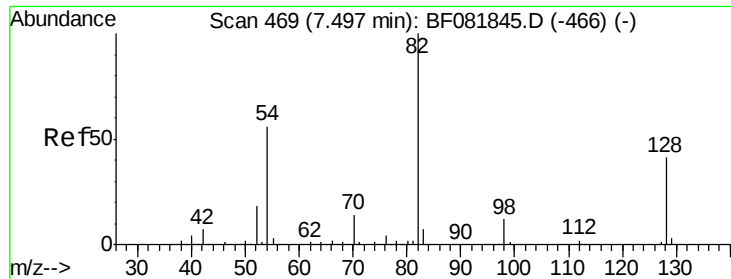
136 100

137 10.9 9.0 13.6

54 7.2 8.2 12.2#

68 4.8 5.8 8.6#

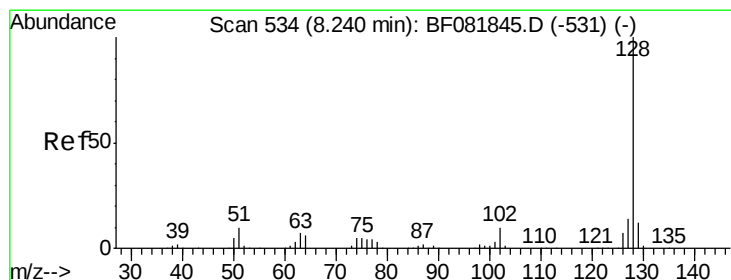
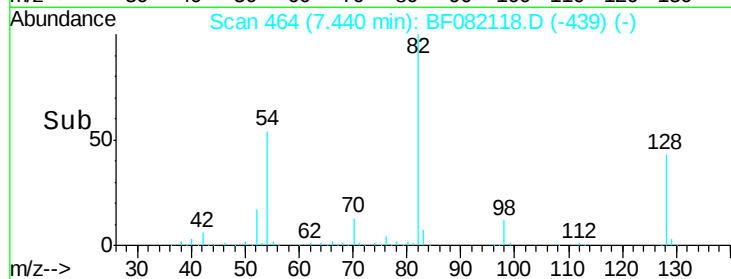
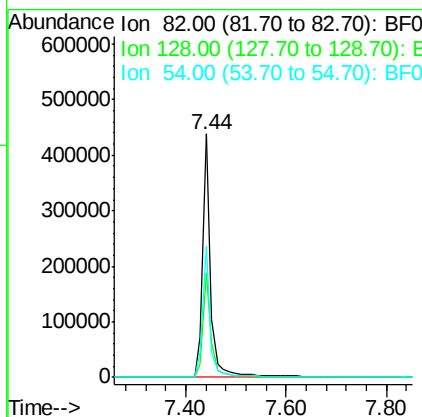
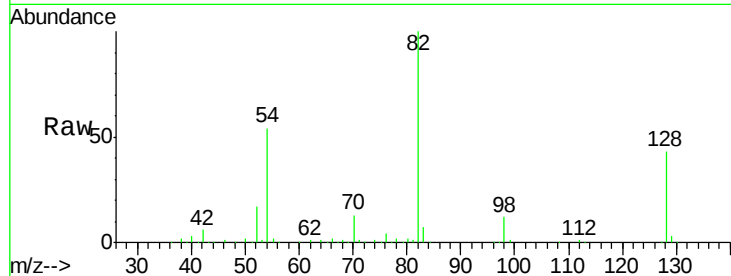




#23
 Nitrobenzene-d5
 Concen: 99.60 ng
 RT: 7.44 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF082118.D
 Acq: 7 Oct 2015 22:06

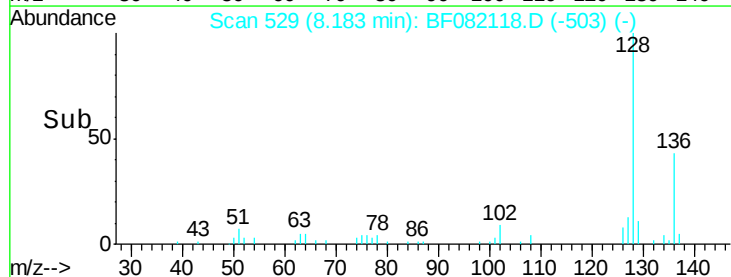
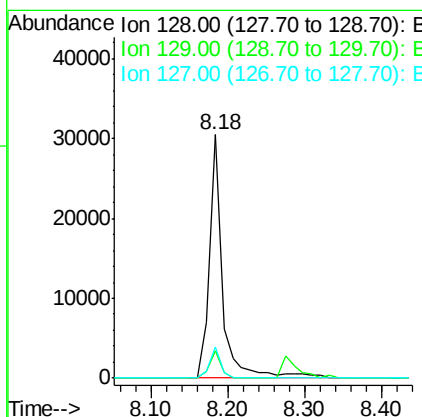
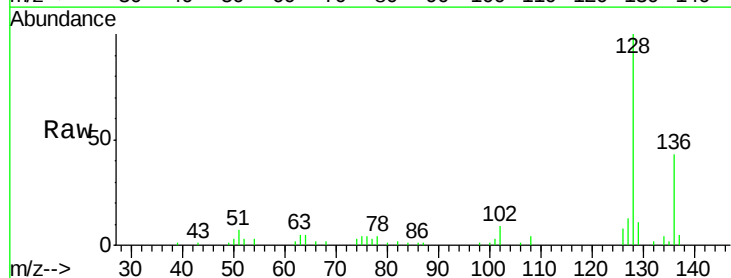
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-23(42-44)

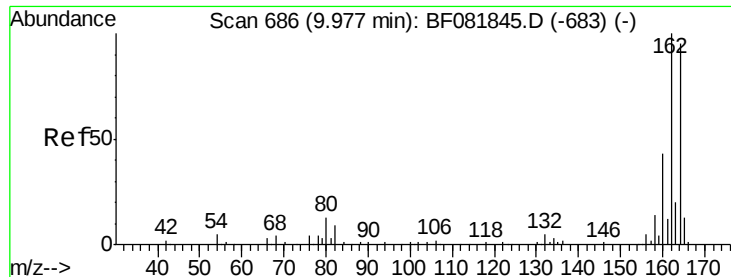
Tgt Ion: 82 Resp: 493843
 Ion Ratio Lower Upper
 82 100
 128 42.6 51.0 76.6#
 54 53.6 47.5 71.3



#31
 Naphthalene
 Concen: 2.46 ng
 RT: 8.18 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF082118.D
 Acq: 7 Oct 2015 22:06

Tgt Ion: 128 Resp: 35957
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.4 12.6
 127 12.9 9.9 14.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082118.D

Acq: 7 Oct 2015 22:06

Instrument :

BNA_F

ClientSampleId :

OS-SB-23(42-44)

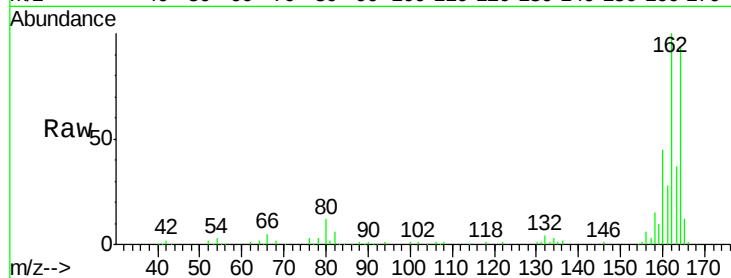
Tgt Ion:164 Resp: 162443

Ion Ratio Lower Upper

164 100

162 106.1 75.2 112.8

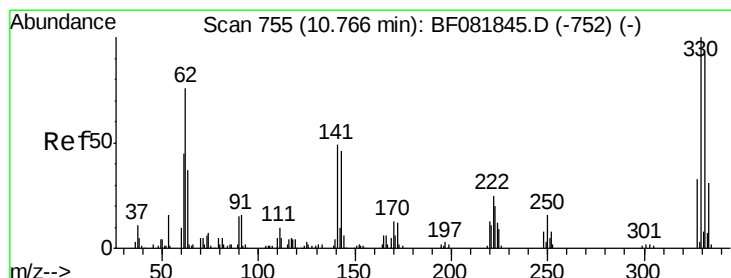
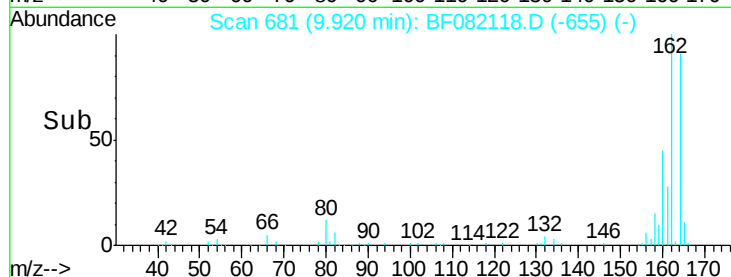
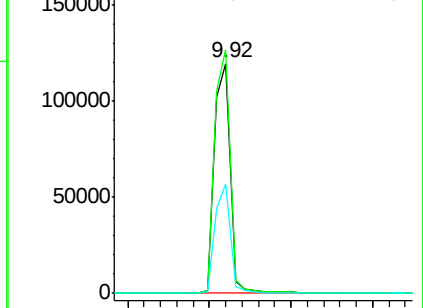
160 47.4 31.5 47.3#



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: 146.46 ng

RT: 10.71 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF082118.D

Acq: 7 Oct 2015 22:06

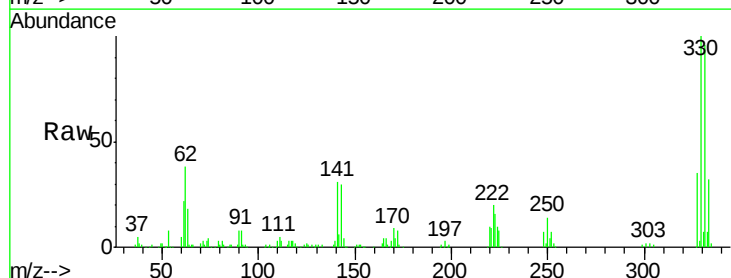
Tgt Ion:330 Resp: 240957

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

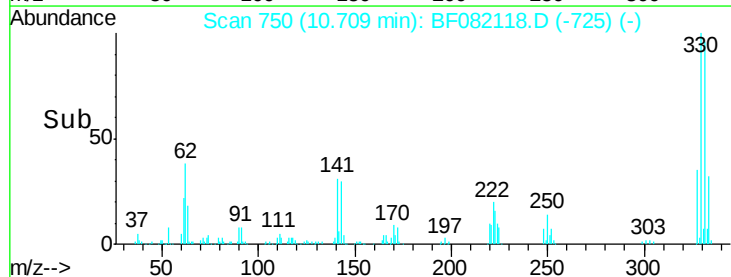
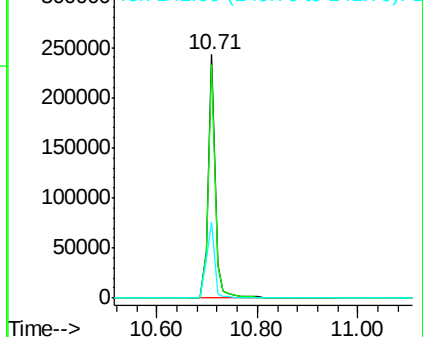
141 36.6 29.7 44.5

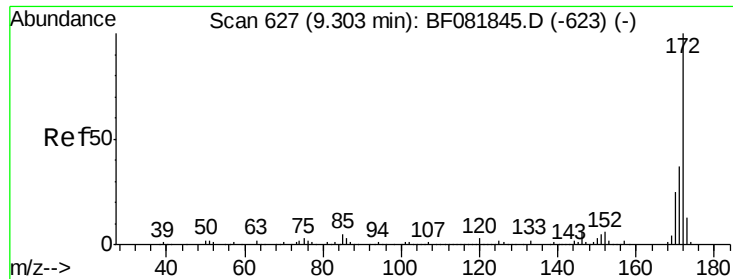


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

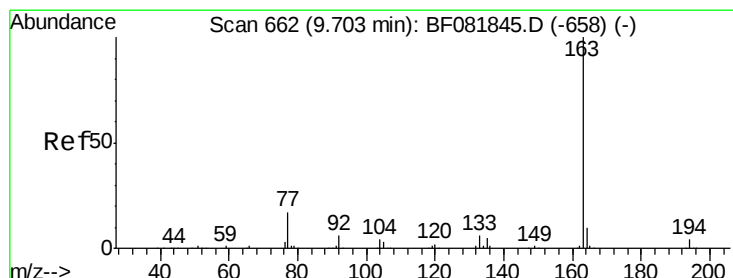
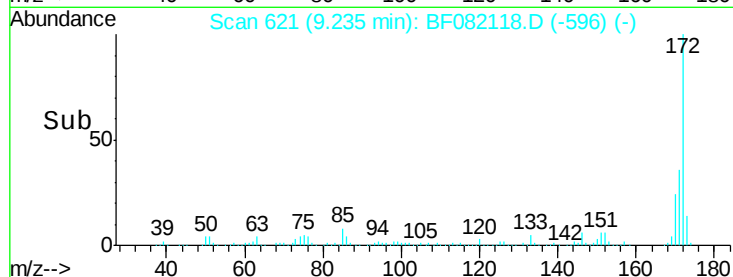
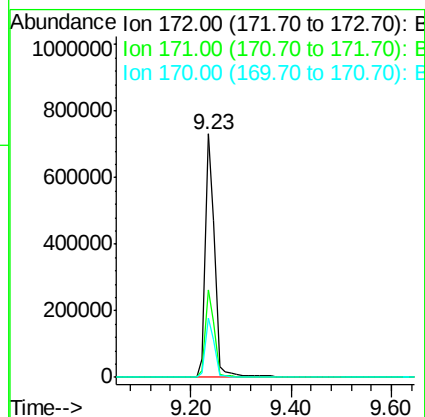
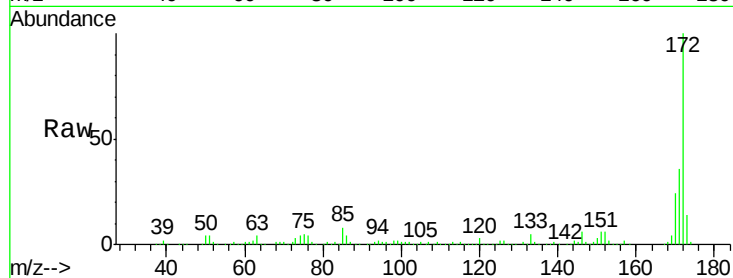




#44
 2-Fluorobiphenyl
 Concen: 100.77 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082118.D
 Acq: 7 Oct 2015 22:06

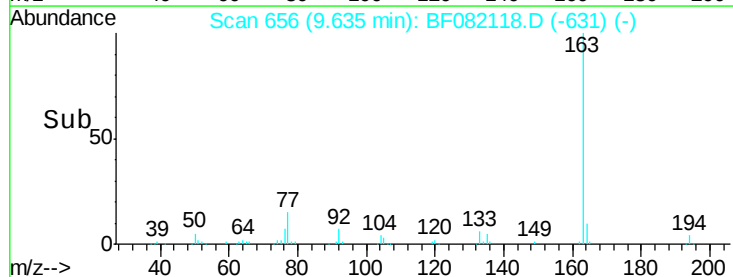
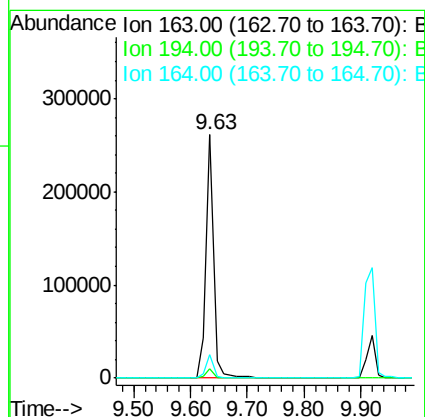
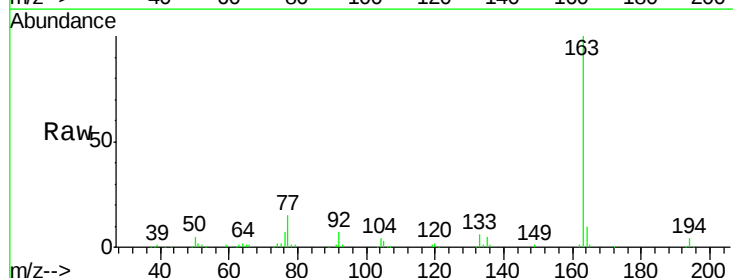
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-23(42-44)

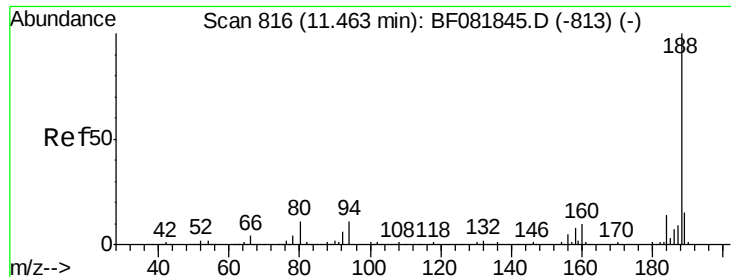
Tgt Ion:172 Resp: 943324
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.5 17.4 26.2



#49
 Dimethylphthalate
 Concen: 20.98 ng
 RT: 9.63 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF082118.D
 Acq: 7 Oct 2015 22:06

Tgt Ion:163 Resp: 235235
 Ion Ratio Lower Upper
 163 100
 194 3.7 4.4 6.6#
 164 9.7 8.3 12.5

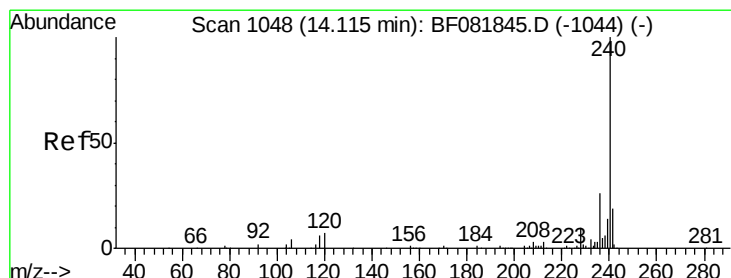
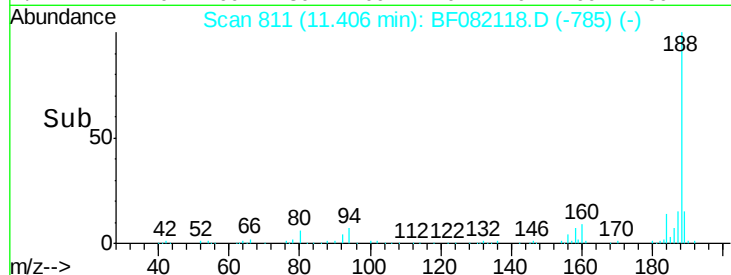
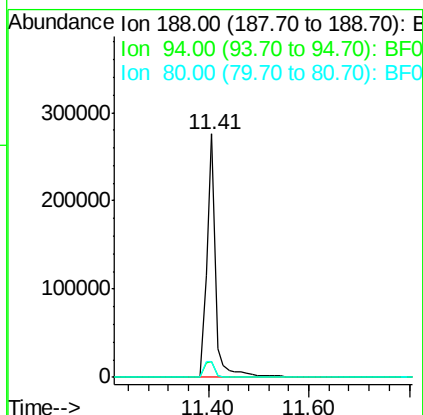
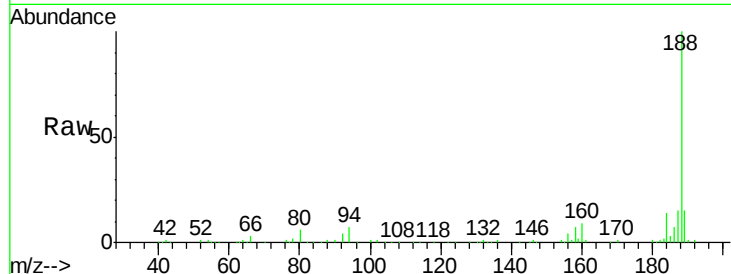




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF082118.D
Acq: 7 Oct 2015 22:06

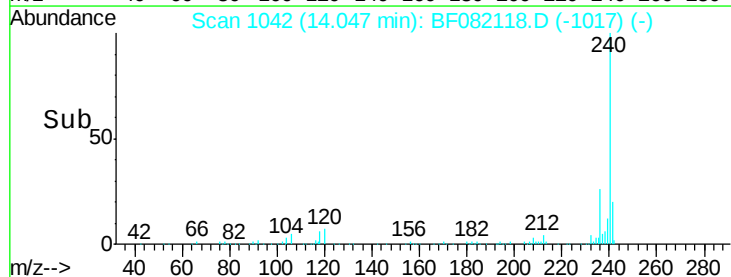
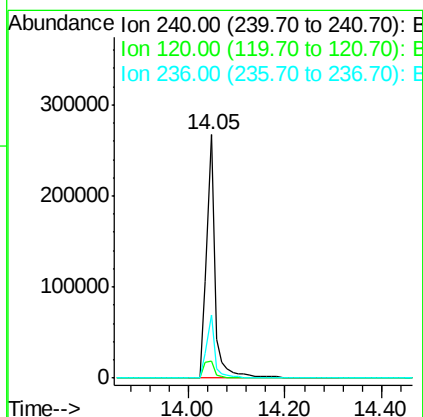
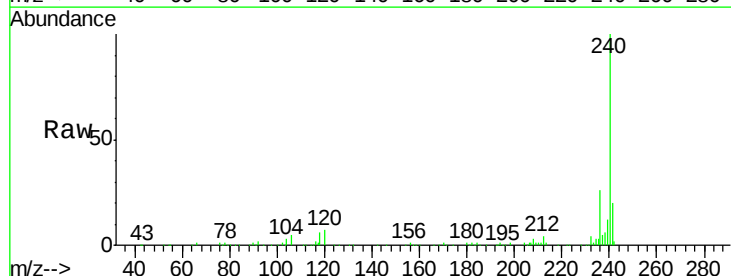
Instrument :
BNA_F
ClientSampleId :
OS-SB-23(42-44)

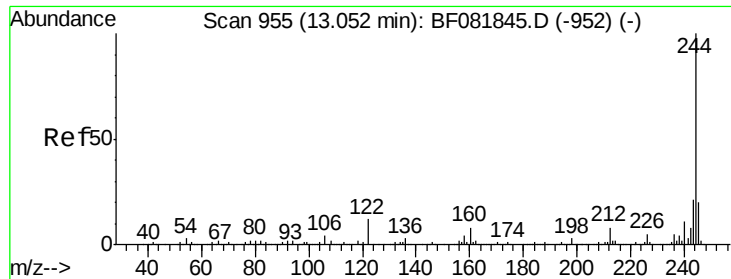
Tgt Ion:188 Resp: 331425
Ion Ratio Lower Upper
188 100
94 6.7 11.1 16.7#
80 6.4 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082118.D
Acq: 7 Oct 2015 22:06

Tgt Ion:240 Resp: 329003
Ion Ratio Lower Upper
240 100
120 7.2 16.2 24.2#
236 25.7 18.4 27.6





#78

Terphenyl-d14

Concen: 113.90 ng

RT: 13.00 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF082118.D

Acq: 7 Oct 2015 22:06

Instrument :

BNA_F

ClientSampleId :

OS-SB-23(42-44)

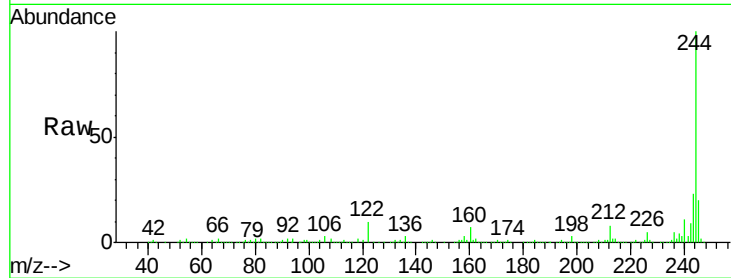
Tgt Ion:244 Resp: 1053846

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

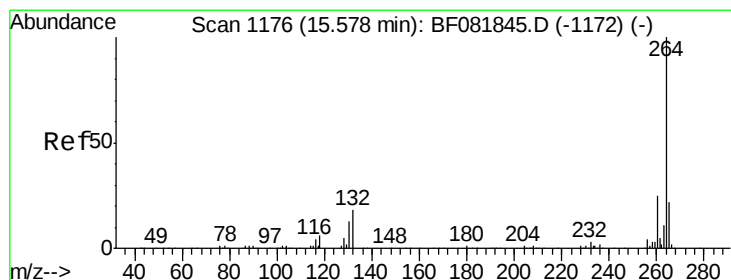
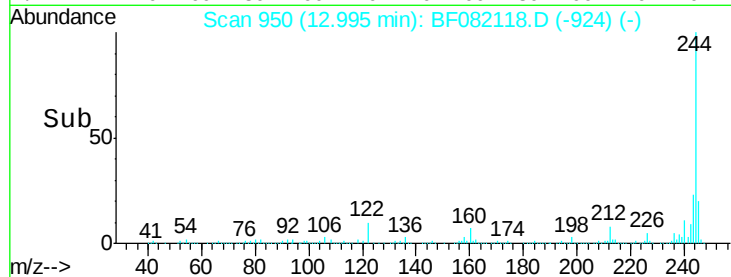
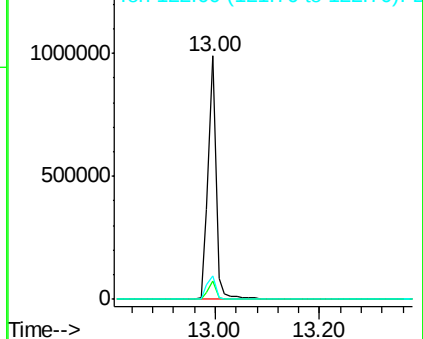
122 9.6 17.4 26.2#



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: 15.49 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF082118.D

Acq: 7 Oct 2015 22:06

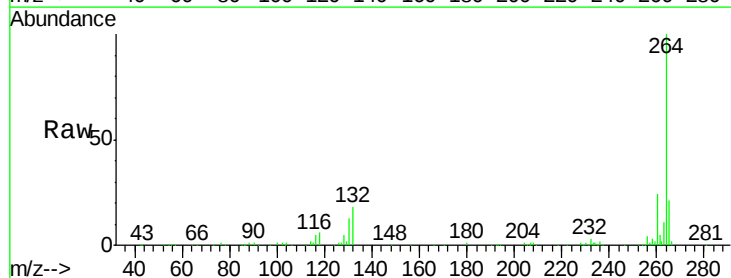
Tgt Ion:264 Resp: 253445

Ion Ratio Lower Upper

264 100

260 23.9 16.7 25.1

265 21.3 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

