

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102301.D
 Acq On : 22 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1228-22
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Jan 23 01:02:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

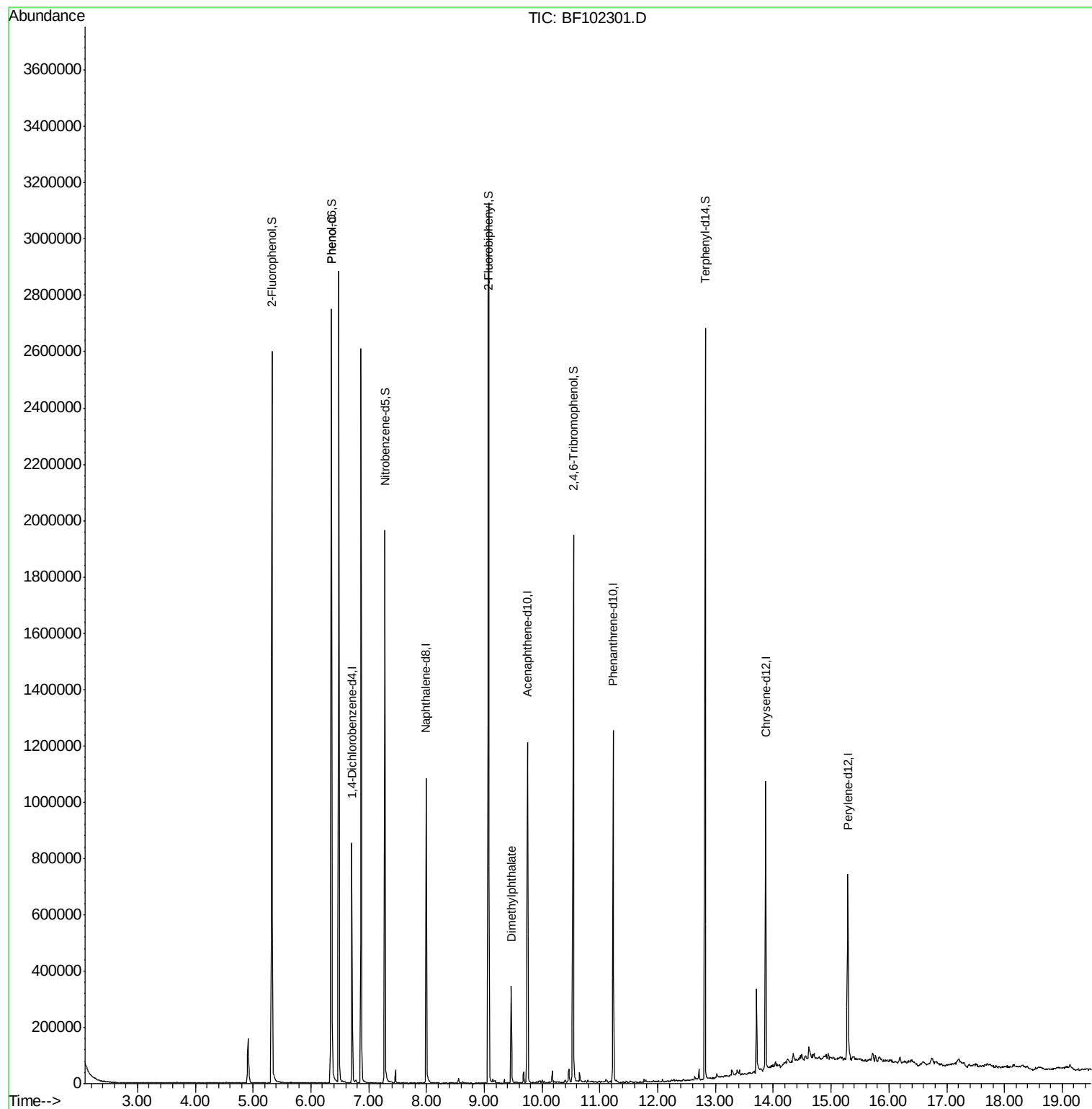
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	132667	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	566092	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	257575	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	445584	20.00	ng	0.00
75) Chrysene-d12	13.87	240	328663	20.00	ng	0.00
86) Perylene-d12	15.29	264	293789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	857682	98.03	ng	0.00
7) Phenol-d6	6.36	99	1045584	99.12	ng	0.00
23) Nitrobenzene-d5	7.28	82	655110	66.50	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	238092	93.29	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1058782	60.44	ng	0.00
78) Terphenyl-d14	12.82	244	943772	64.74	ng	0.00
Target Compounds						
10) Phenol	6.36	94	47322	4.109	ng	81
49) Dimethylphthalate	9.47	163	145729	6.845	ng	100

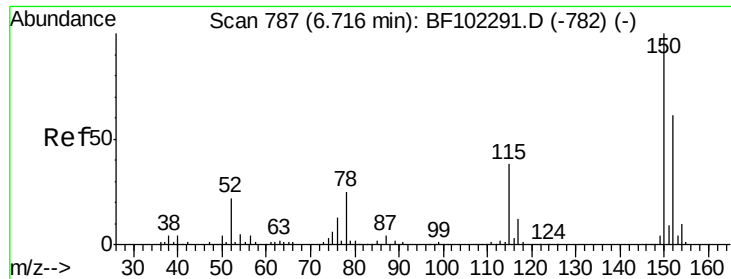
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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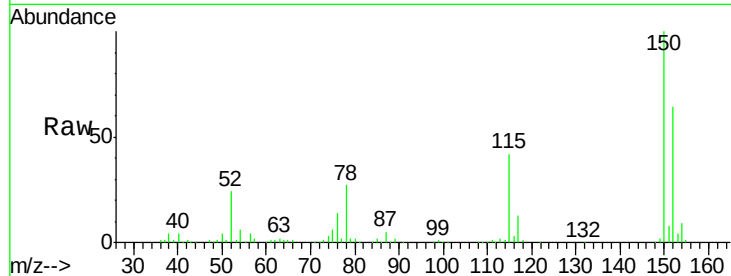


#1

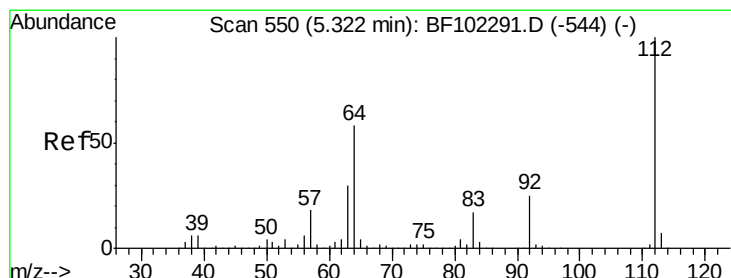
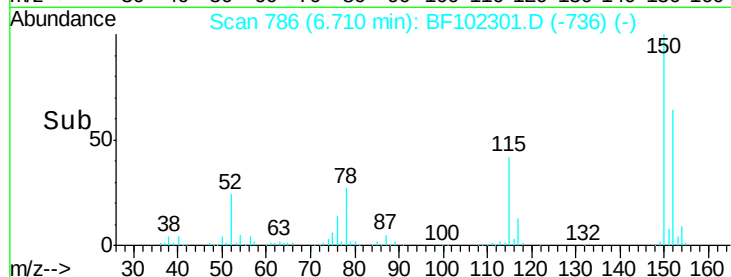
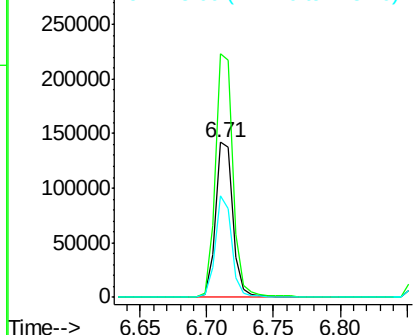
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102301.D
Acq: 22 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion:152 Resp: 132667
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 65.7 50.1 75.1



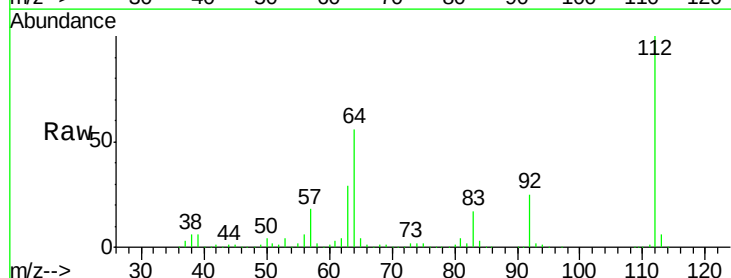
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



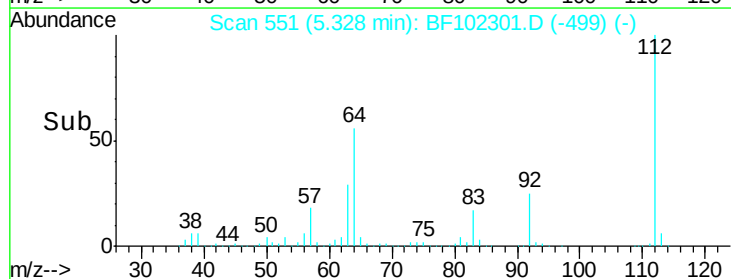
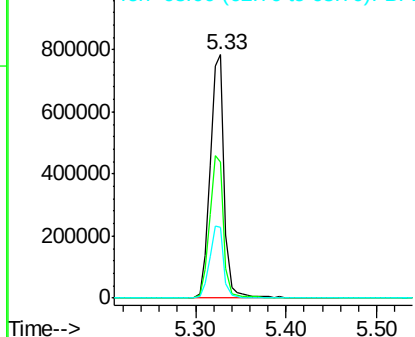
#5

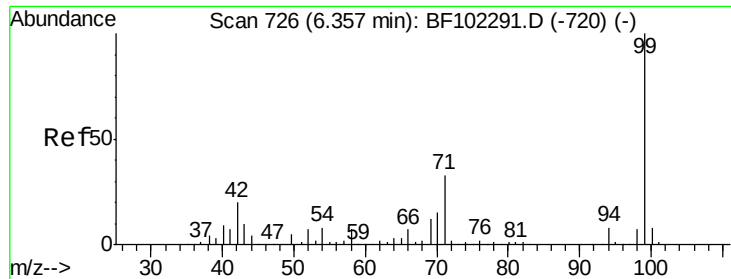
2-Fluorophenol
Concen: 98.025 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102301.D
Acq: 22 Jan 2018 16:03

Tgt Ion:112 Resp: 857682
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 29.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 99.122 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102301.D

Acq: 22 Jan 2018 16:03

Instrument :

BNA_F

ClientSampleId :

COMP-1

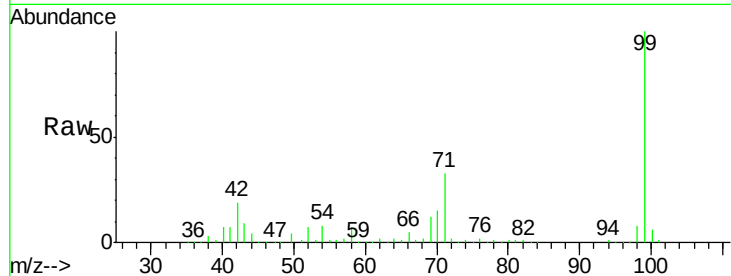
Tot Ion: 99 Resp: 1045584

Ion Ratio Lower Upper

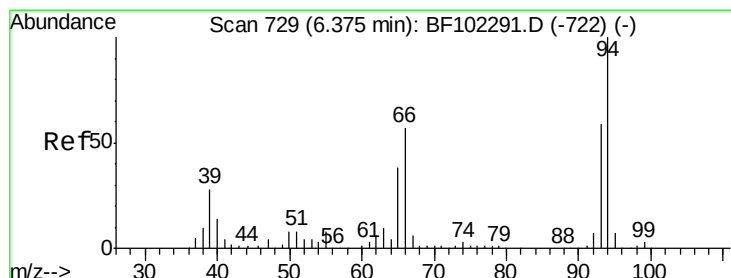
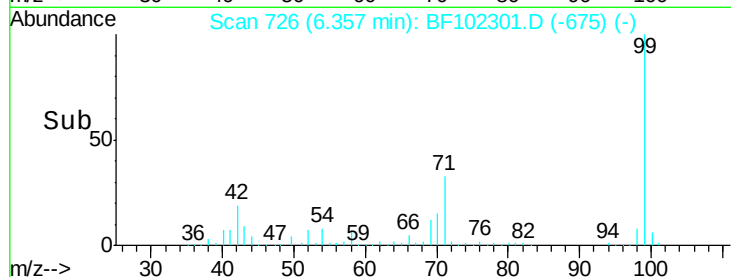
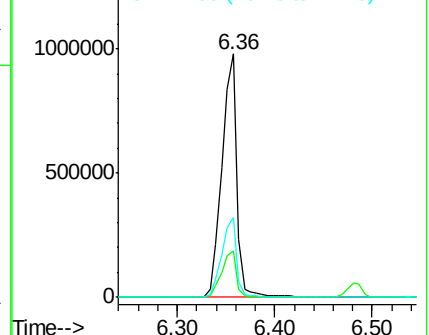
99 100

42 18.9 14.5 21.7

71 32.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.109 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102301.D

Acq: 22 Jan 2018 16:03

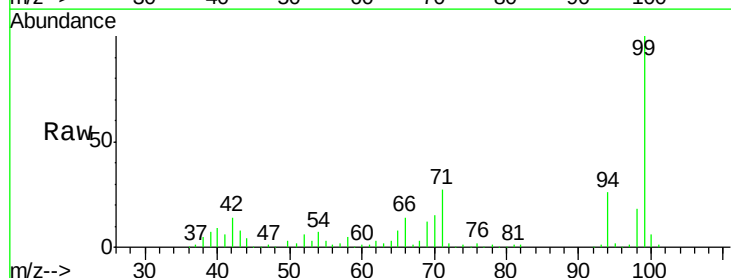
Tgt Ion: 94 Resp: 47322

Ion Ratio Lower Upper

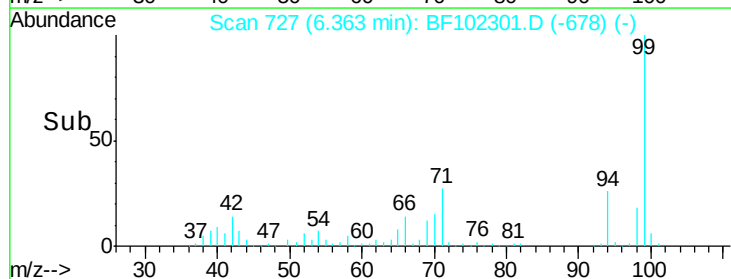
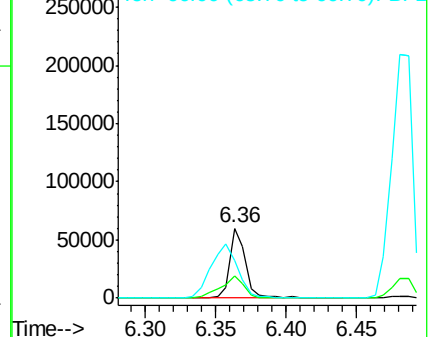
94 100

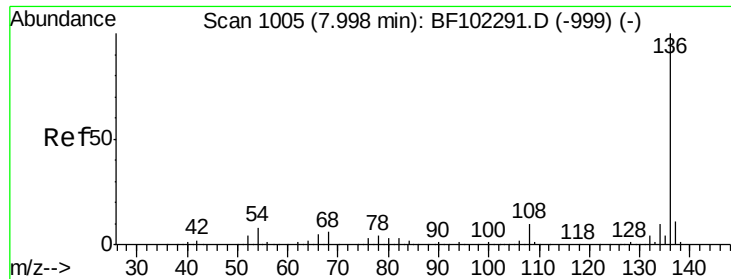
65 31.3 7.9 47.9

66 53.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

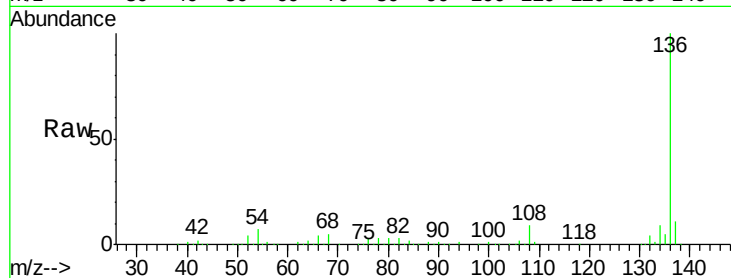




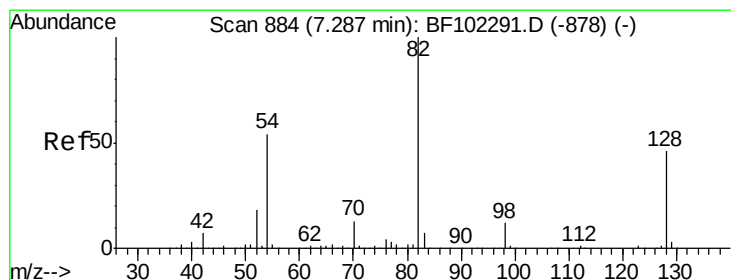
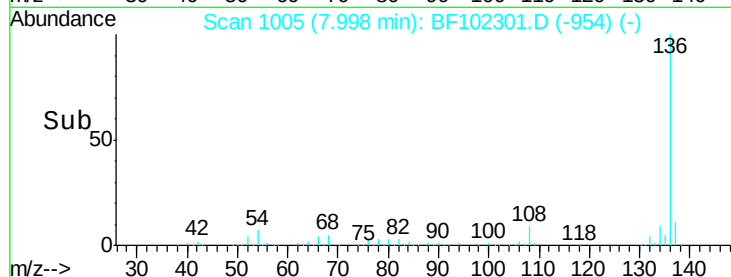
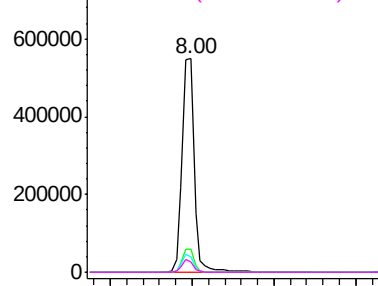
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102301.D
Acq: 22 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion:136 Resp: 566092
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.0 6.6 9.8
68 5.0 5.0 7.4

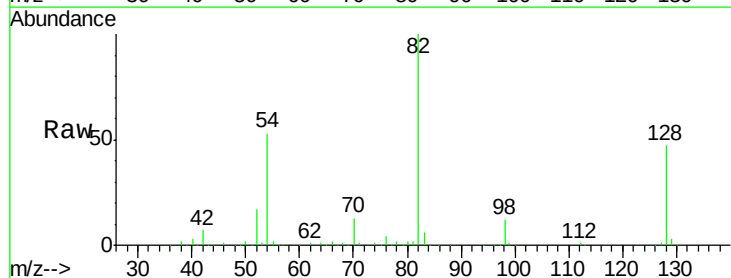


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

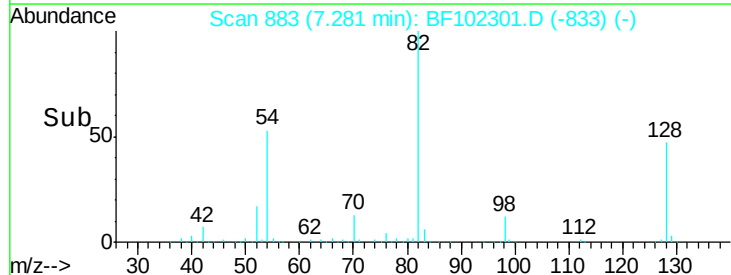
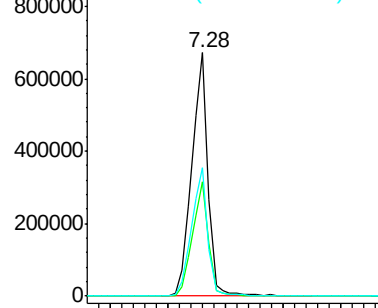


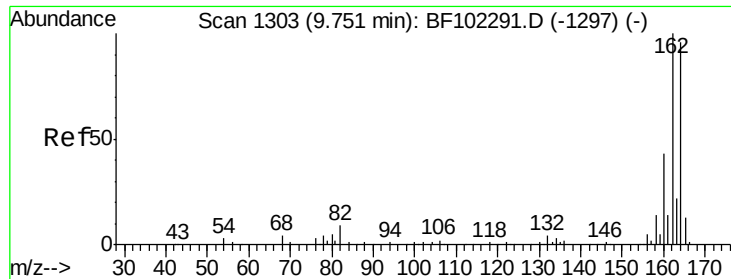
#23
Nitrobenzene-d5
Concen: 66.504 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102301.D
Acq: 22 Jan 2018 16:03

Tgt Ion: 82 Resp: 655110
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 53.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

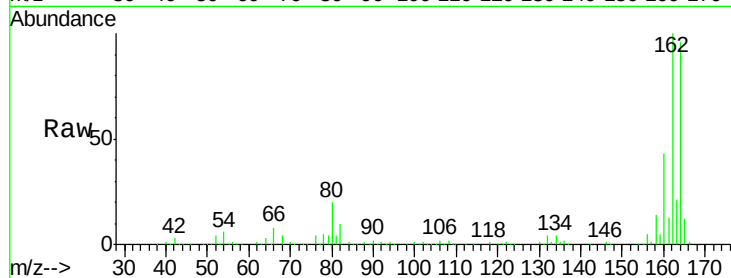




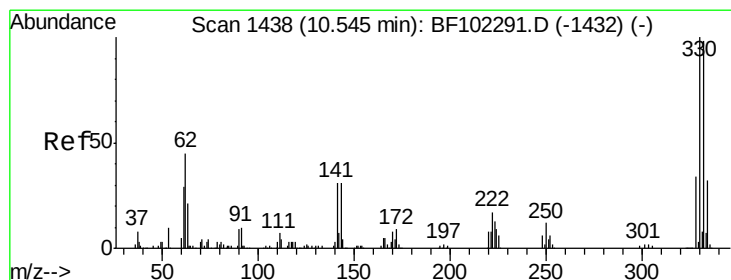
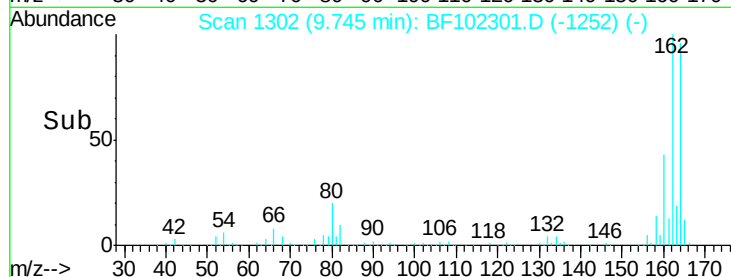
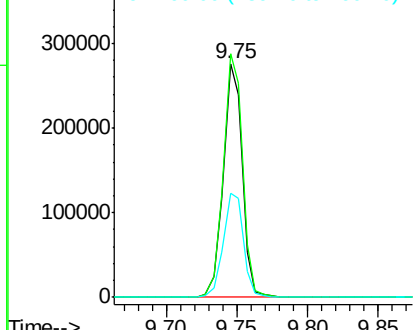
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102301.D
Acq: 22 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion:164 Resp: 257575
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 44.3 38.3 57.5

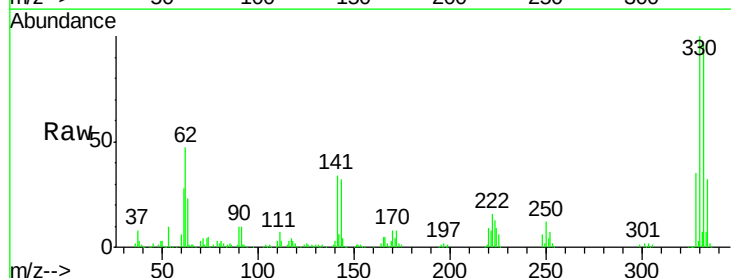


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

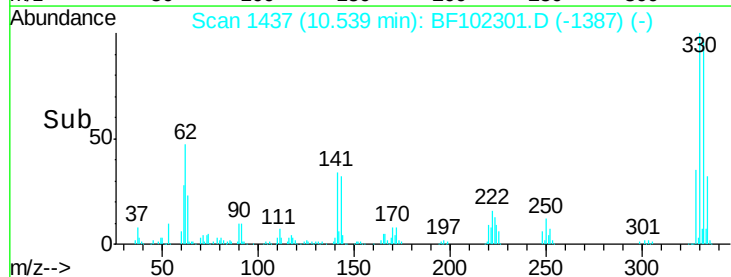
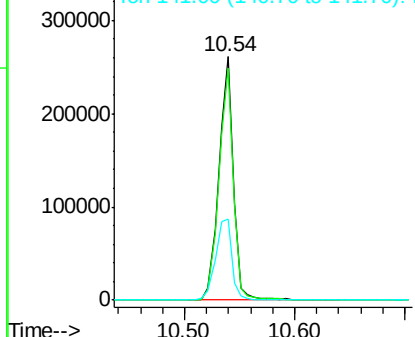


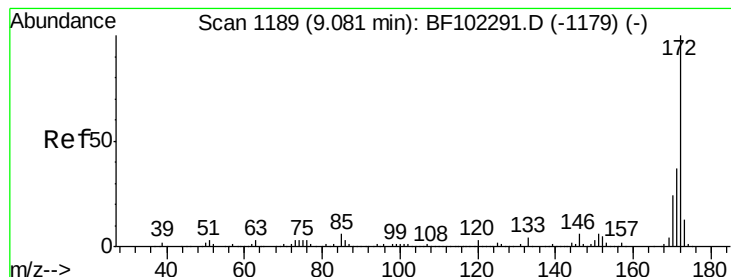
#41
2,4,6-Tribromophenol
Concen: 93.289 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102301.D
Acq: 22 Jan 2018 16:03

Tgt Ion:330 Resp: 238092
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 37.8 29.9 44.9



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: 60.440 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102301.D

Acq: 22 Jan 2018 16:03

Instrument :

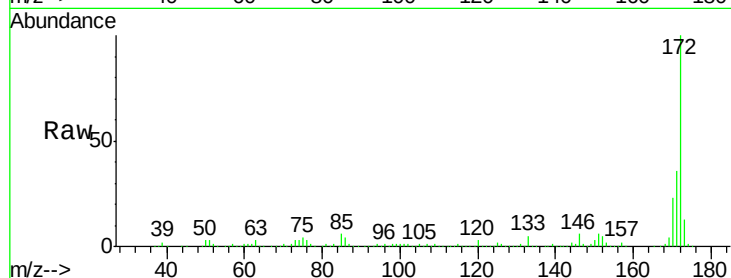
BNA_F

ClientSampleId :

COMP-1

Tot Ion:172 Resp: 1058782

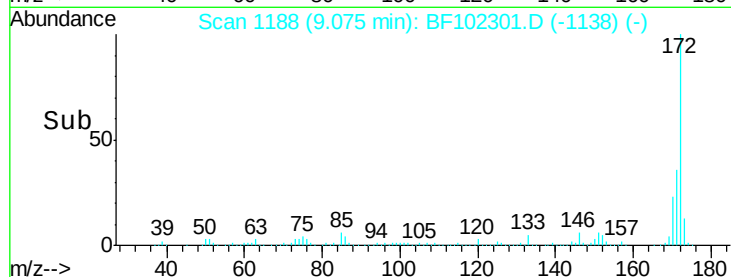
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.3	19.6	29.4



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

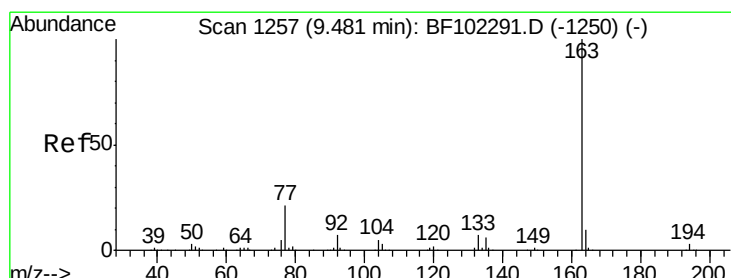


Abundance

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: 6.845 ng

RT: 9.47 min Scan# 1255

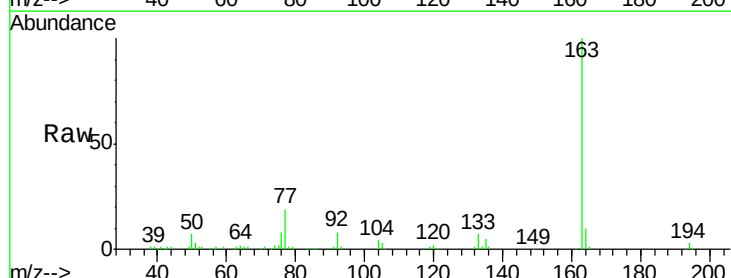
Delta R.T. -0.01 min

Lab File: BF102301.D

Acq: 22 Jan 2018 16:03

Tgt Ion:163 Resp: 145729

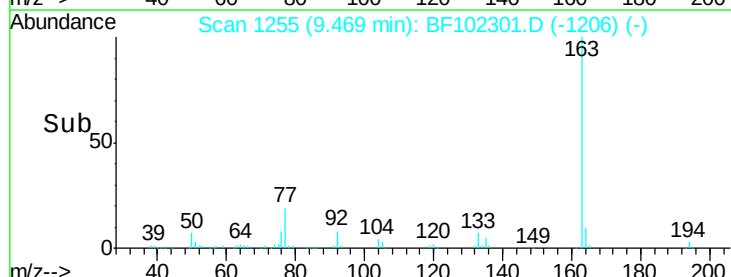
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.0	8.2	12.2



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

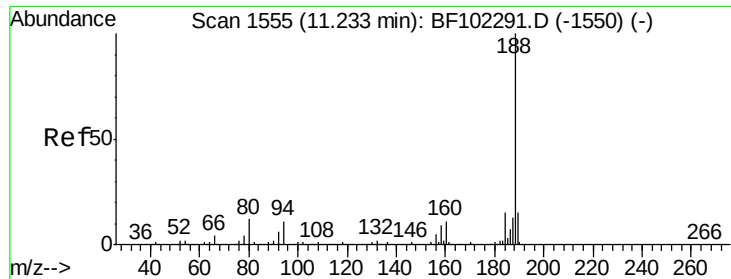


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

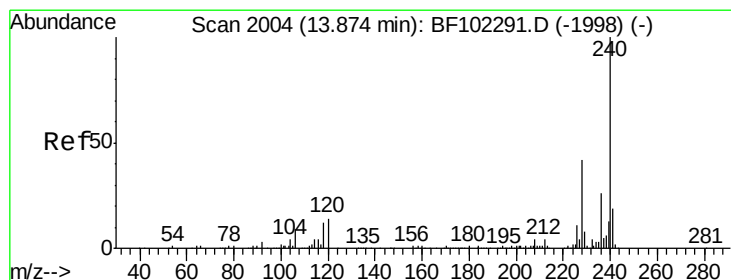
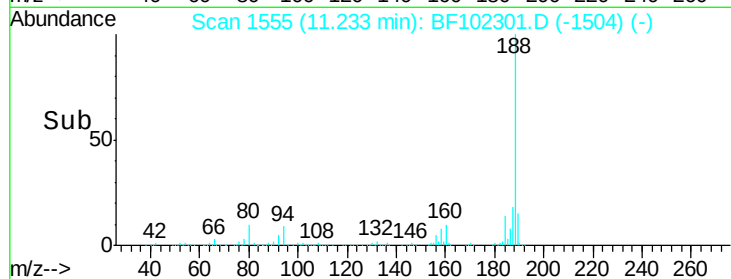
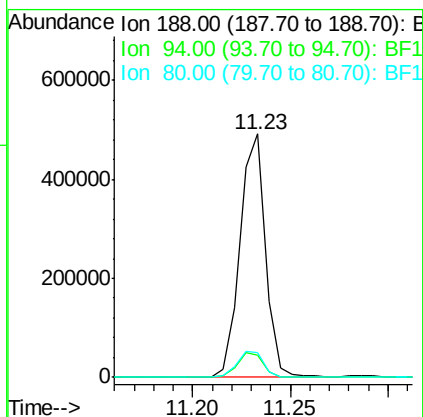
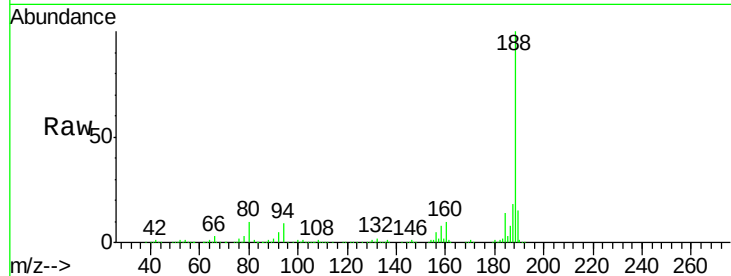
Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102301.D
Acq: 22 Jan 2018 16:03

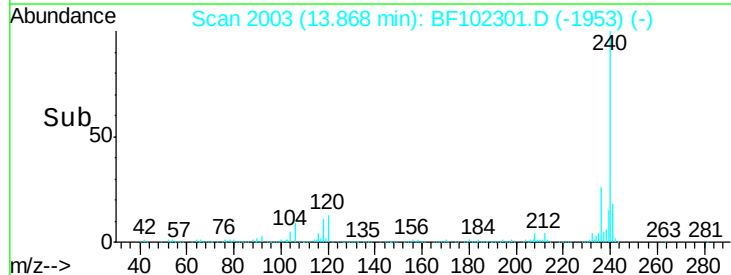
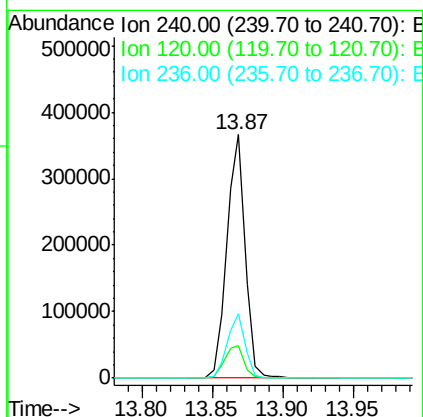
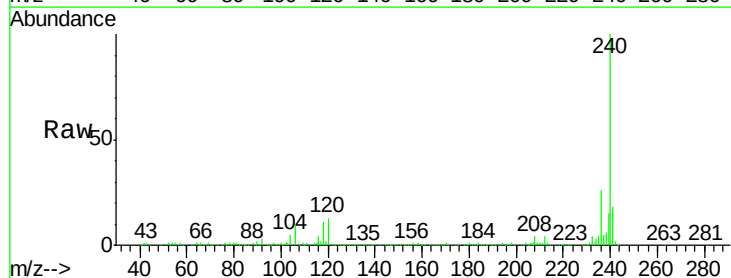
Instrument :
BNA_F
ClientSampleId :
COMP-1

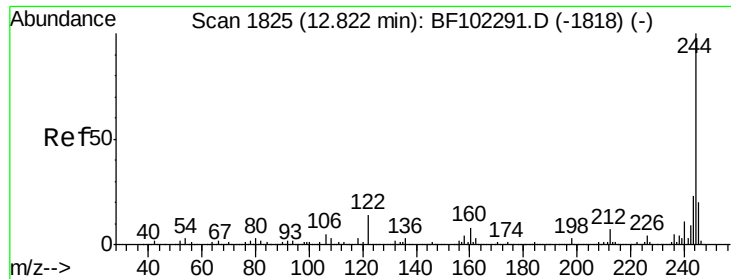
Tot Ion:188 Resp: 445584
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102301.D
Acq: 22 Jan 2018 16:03

Tgt Ion:240 Resp: 328663
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 64.735 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102301.D

Acq: 22 Jan 2018 16:03

Instrument :

BNA_F

ClientSampleId :

COMP-1

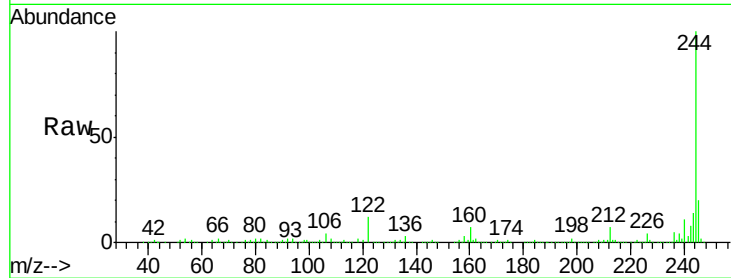
Tot Ion:244 Resp: 943772

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

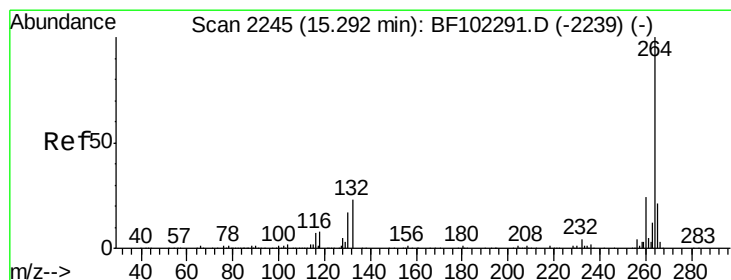
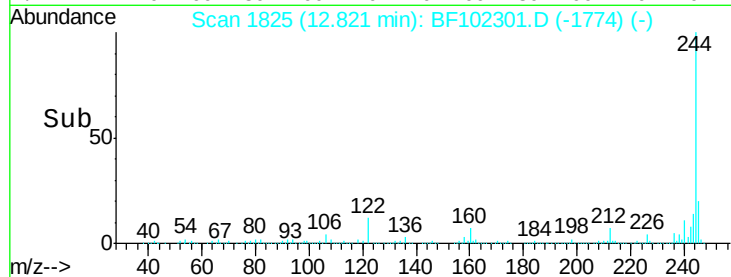
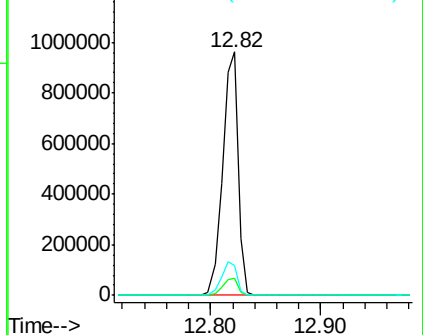
122 12.3 11.0 16.4



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: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BF102301.D

Acq: 22 Jan 2018 16:03

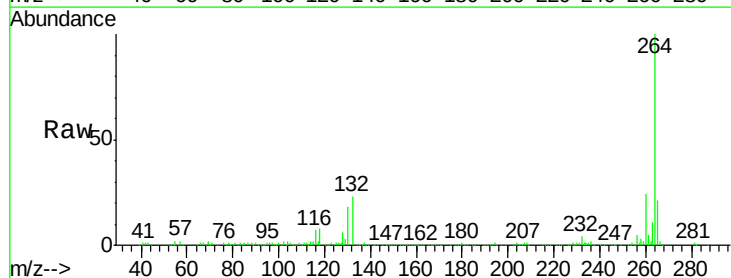
Tgt Ion:264 Resp: 293789

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.2 17.5 26.3



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

