

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118716.D
 Acq On : 27 Jan 2020 13:14
 Operator : CG/JU
 Sample : L1241-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-14

Quant Time: Jan 27 14:38:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

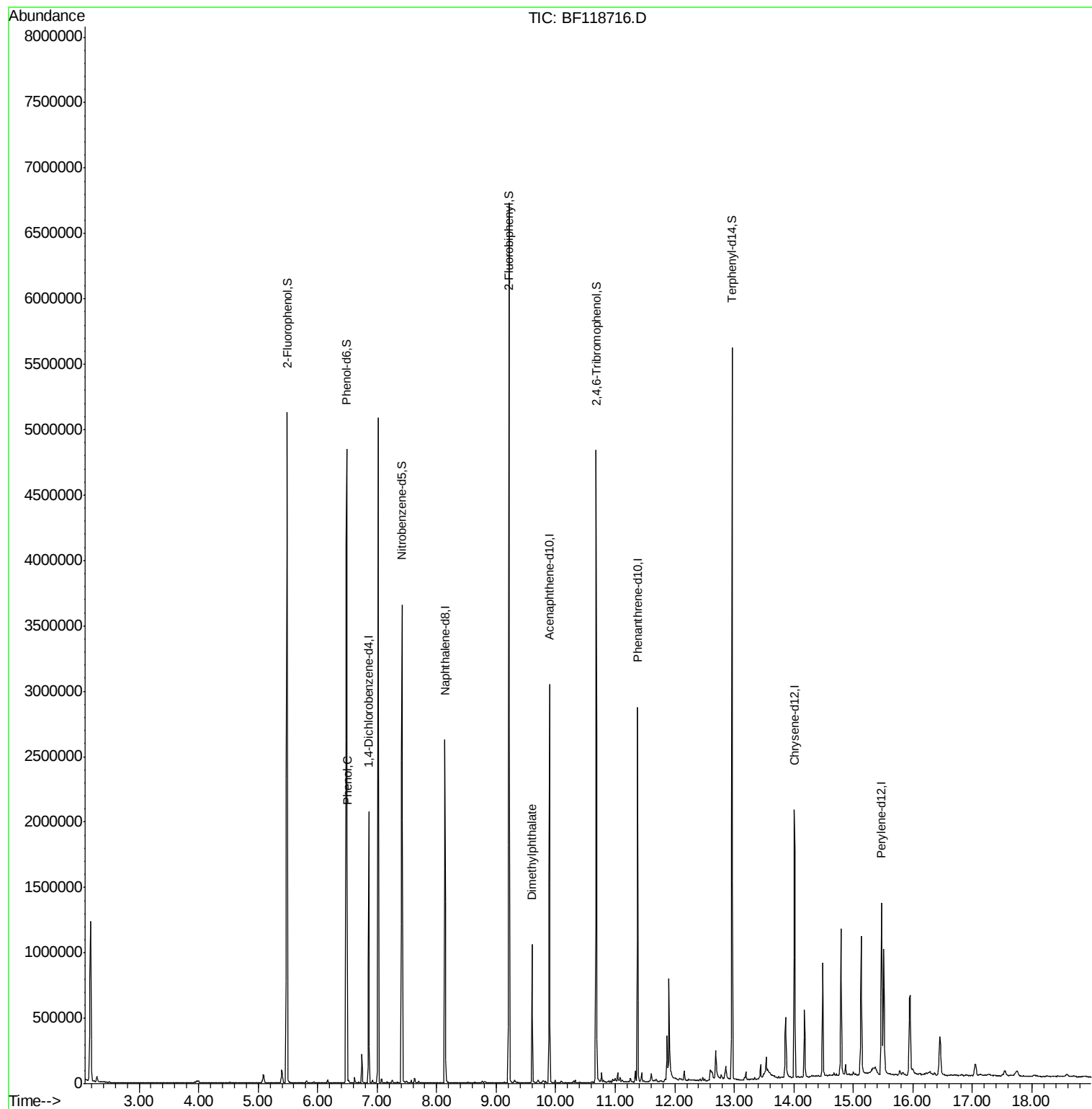
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	307101	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1147474	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	631411	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1106475	20.00	ng	0.00
76) Chrysene-d12	14.01	240	675522	20.00	ng	-0.01
87) Perylene-d12	15.47	264	670651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1561725	94.45	ng	0.00
7) Phenol-d6	6.49	99	1901342	88.47	ng	0.00
23) Nitrobenzene-d5	7.42	82	1212917	59.12	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	658496	90.17	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2084526	54.26	ng	0.00
79) Terphenyl-d14	12.96	244	1990033	64.25	ng	0.00
Target Compounds						
10) Phenol	6.50	94	54835	2.239	ng	95
50) Dimethylphthalate	9.60	163	388776	9.451	ng	100

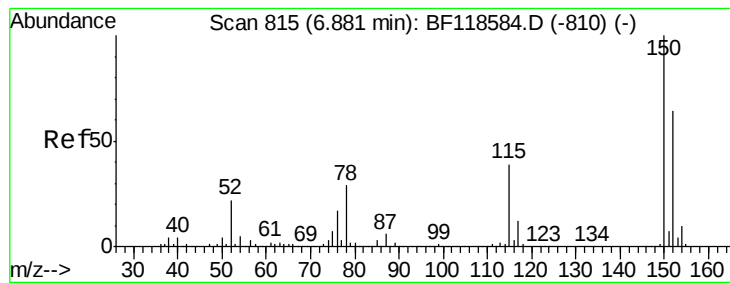
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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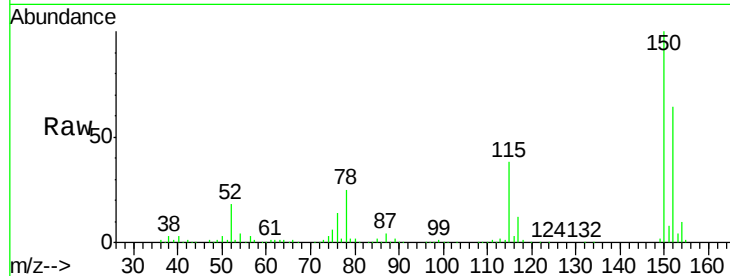


#1

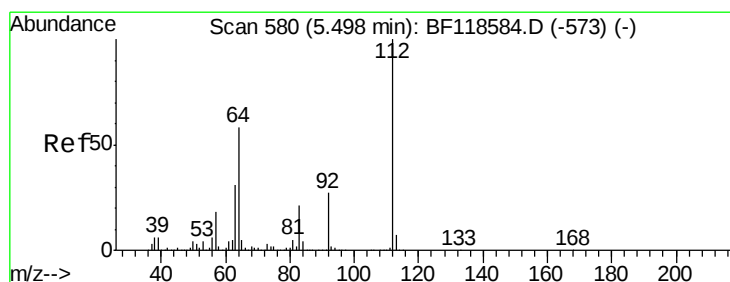
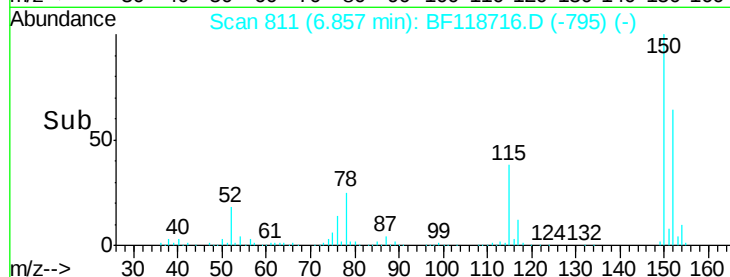
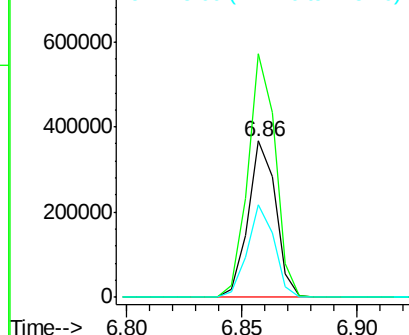
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118716.D
Acq: 27 Jan 2020 13:14

Instrument :
BNA_F
ClientSampleId :
EP-14

Tot Ion:152 Resp: 307101
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 59.5 45.1 67.7



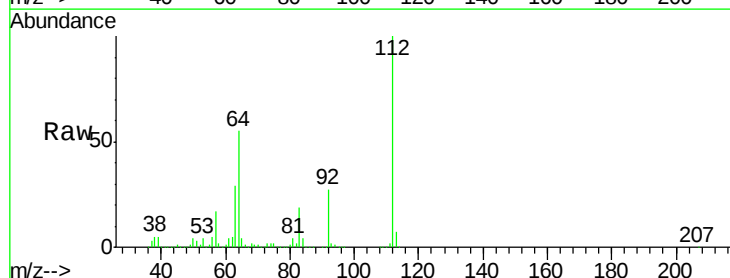
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



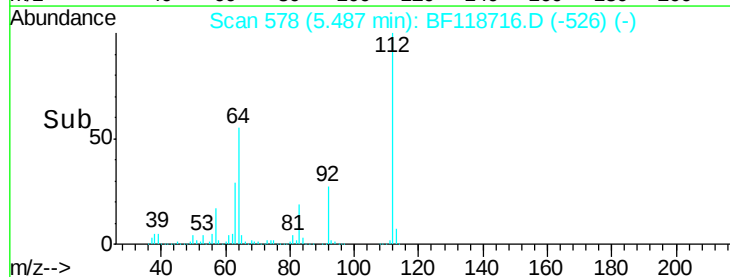
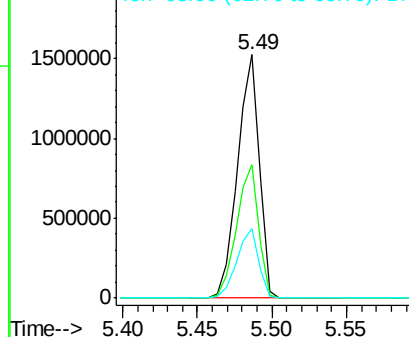
#5

2-Fluorophenol
Concen: 94.448 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118716.D
Acq: 27 Jan 2020 13:14

Tgt Ion:112 Resp: 1561725
Ion Ratio Lower Upper
112 100
64 55.0 42.4 63.6
63 28.8 21.7 32.5



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: 88.469 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

Instrument :

BNA_F

ClientSampleId :

EP-14

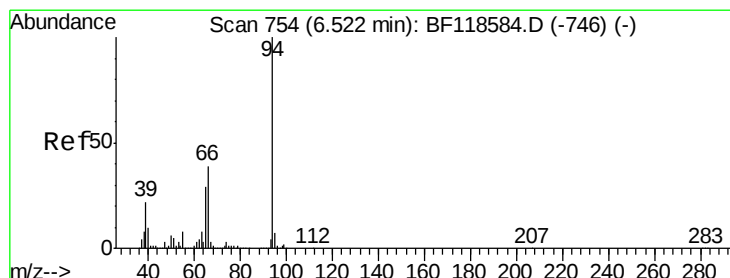
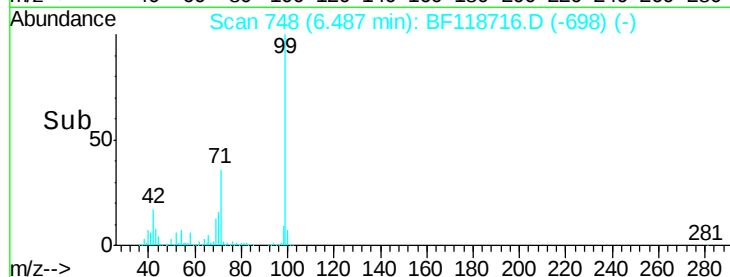
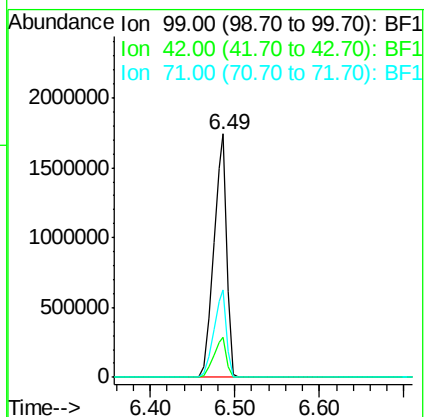
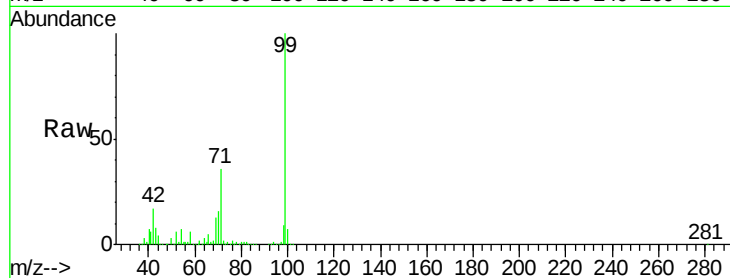
Tot Ion: 99 Resp: 1901342

Ion Ratio Lower Upper

99 100

42 16.6 13.1 19.7

71 36.1 28.4 42.6



#10

Phenol

Concen: 2.239 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

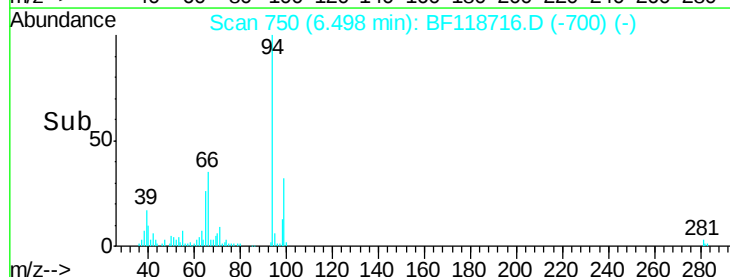
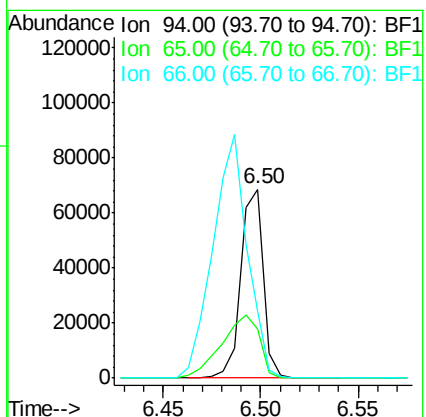
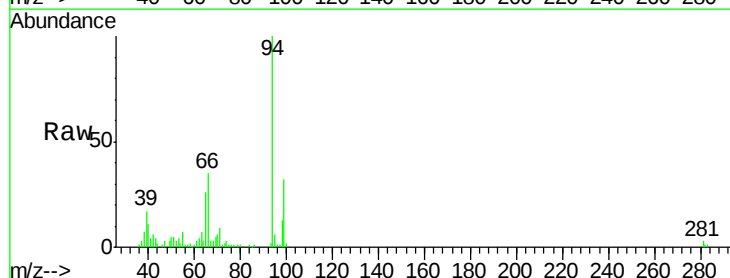
Tgt Ion: 94 Resp: 54835

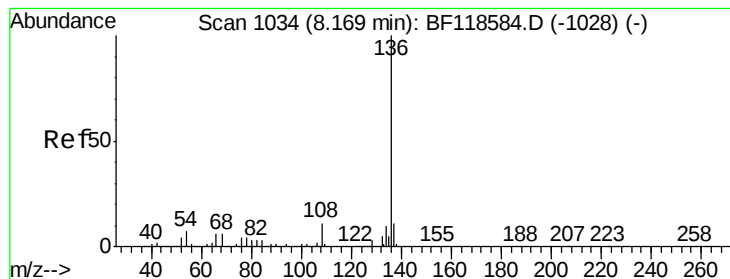
Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

66 35.2 19.1 59.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

Instrument :

BNA_F

ClientSampleId :

EP-14

Tot Ion:136 Resp: 1147474

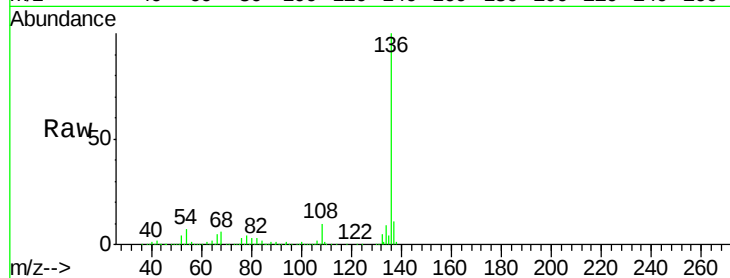
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.6 5.1 7.7

68 5.8 4.3 6.5

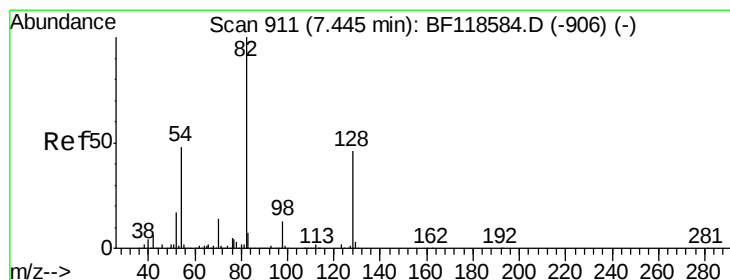
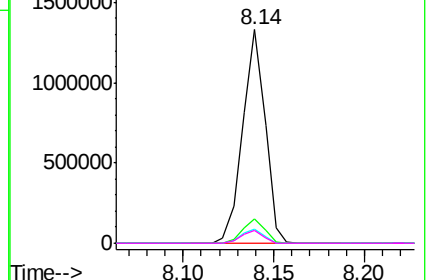
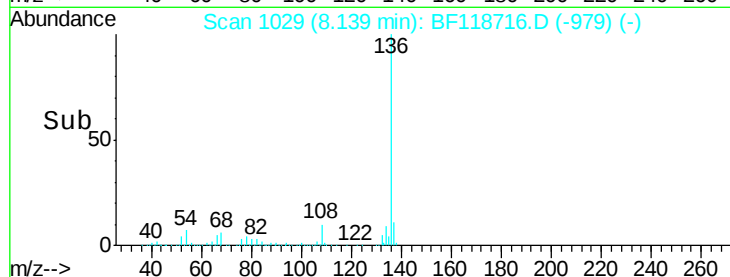


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.124 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

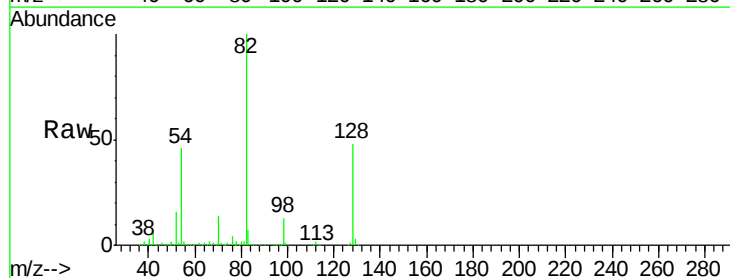
Tgt Ion: 82 Resp: 1212917

Ion Ratio Lower Upper

82 100

128 47.7 38.2 57.2

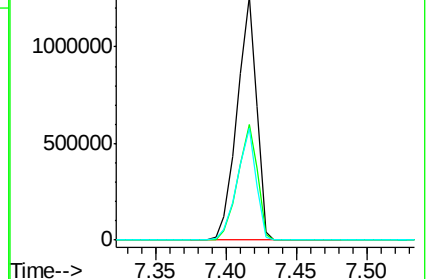
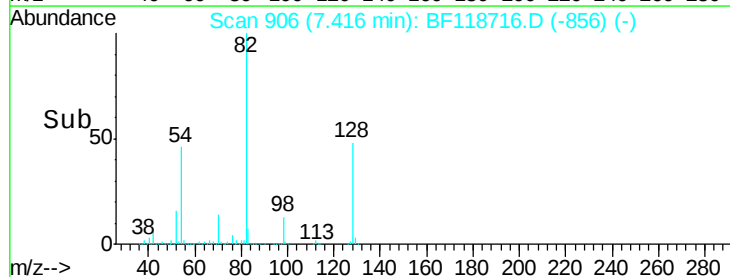
54 45.7 36.1 54.1

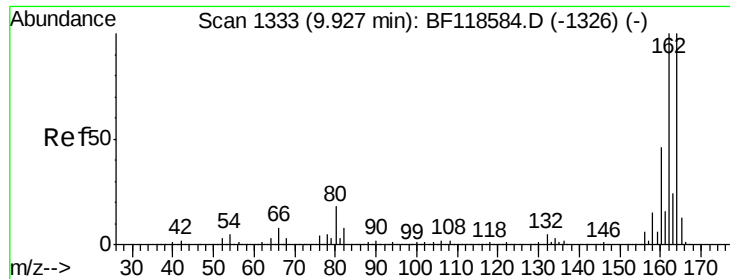


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

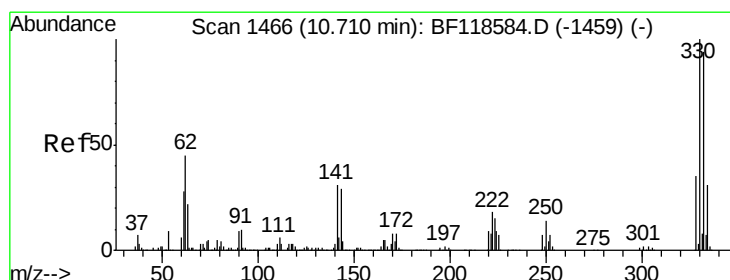
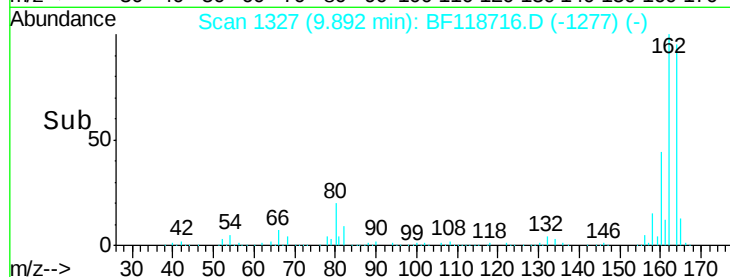
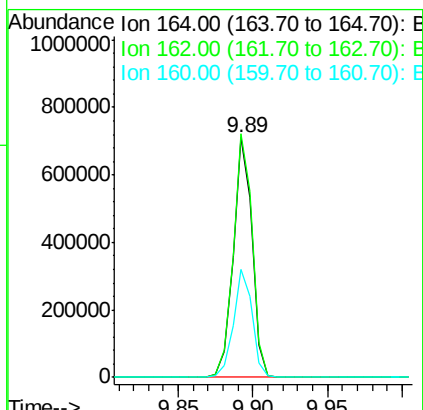
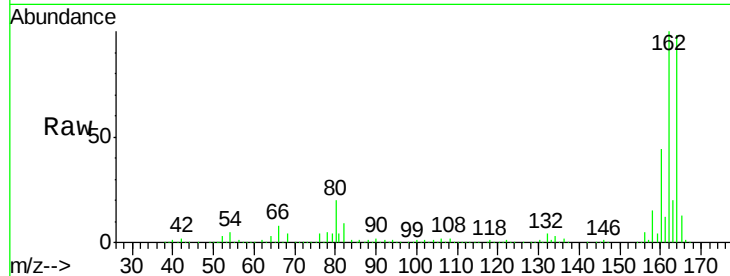




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF118716.D
 Acq: 27 Jan 2020 13:14

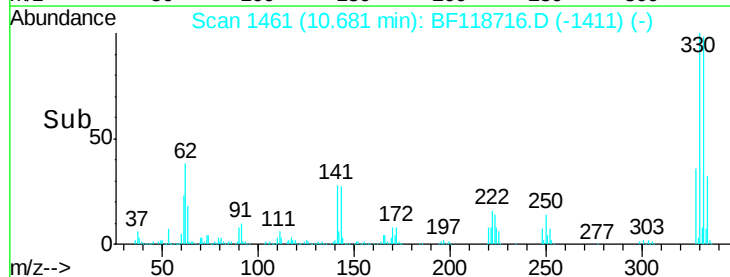
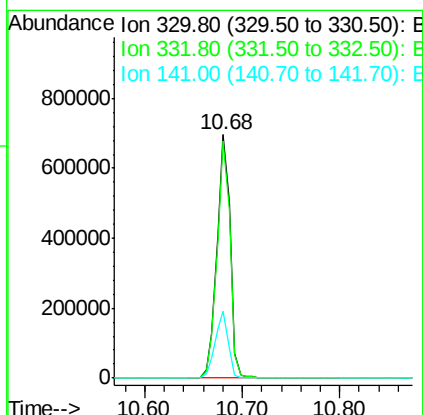
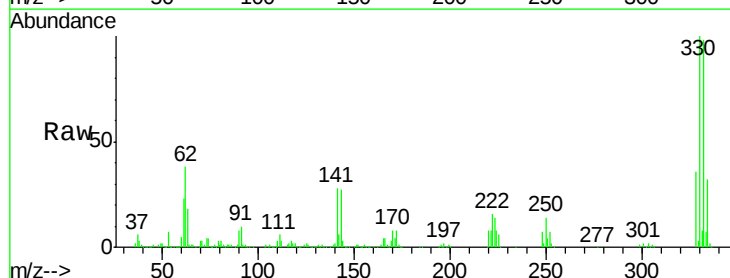
Instrument :
 BNA_F
 ClientSampleId :
 EP-14

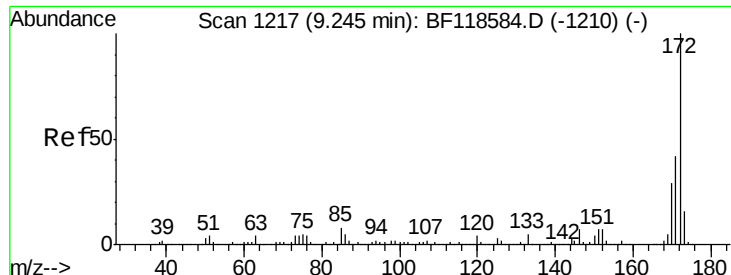
Tot Ion:164 Resp: 631411
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.8 121.2
 160 45.0 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 90.167 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF118716.D
 Acq: 27 Jan 2020 13:14

Tgt Ion:330 Resp: 658496
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.6 116.4
 141 27.1 22.2 33.2

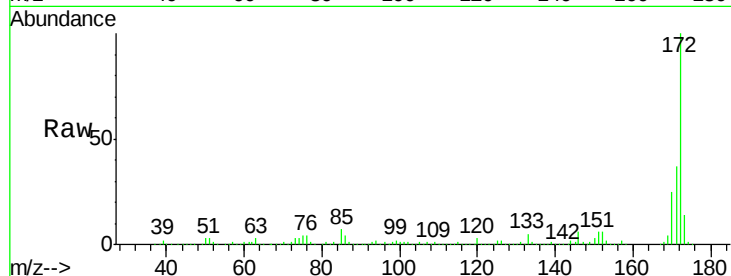




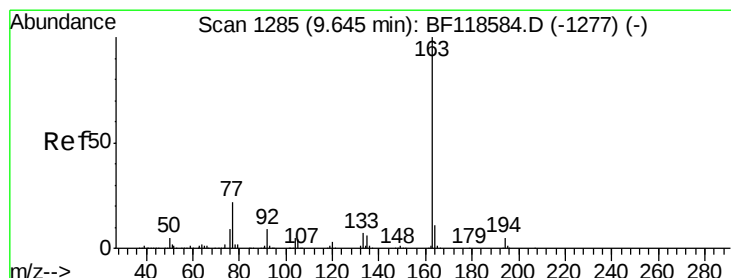
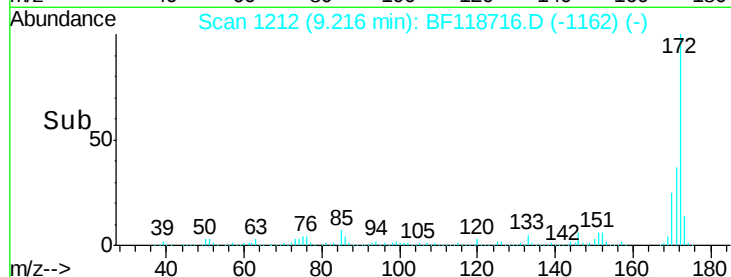
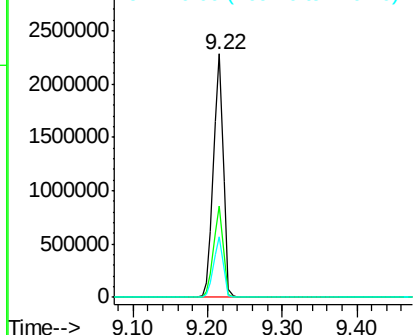
#45
2-Fluorobiphenyl
Concen: 54.262 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118716.D
Acq: 27 Jan 2020 13:14

Instrument :
BNA_F
ClientSampleId :
EP-14

Tot Ion:172 Resp: 2084526
Ion Ratio Lower Upper
172 100
171 37.4 31.0 46.4
170 24.7 20.7 31.1

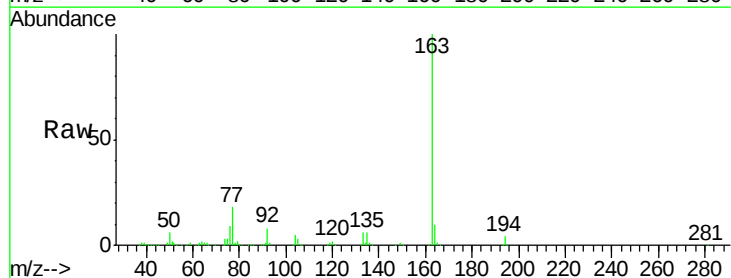


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

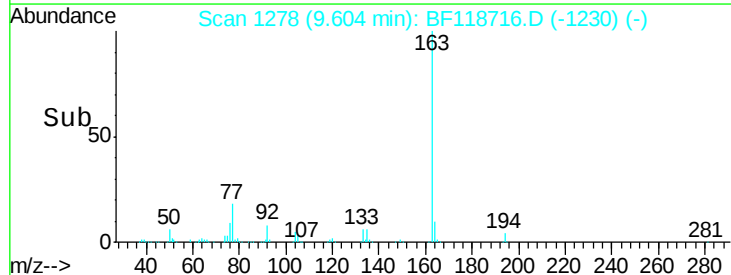
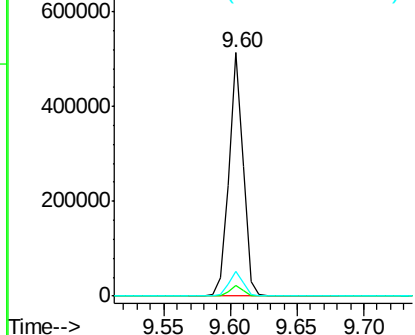


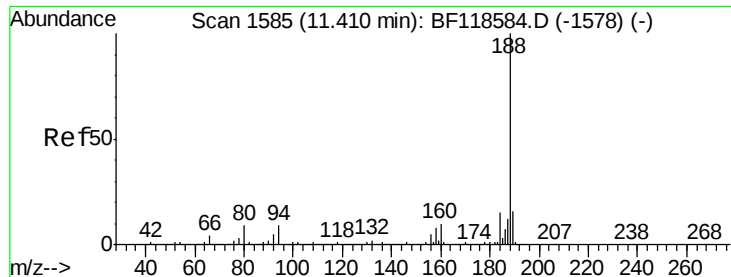
#50
Dimethylphthalate
Concen: 9.451 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF118716.D
Acq: 27 Jan 2020 13:14

Tgt Ion:163 Resp: 388776
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 10.2 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

Instrument :

BNA_F

ClientSampleId :

EP-14

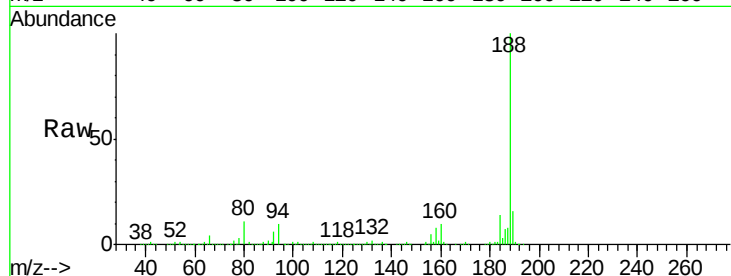
Tot Ion:188 Resp: 1106475

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

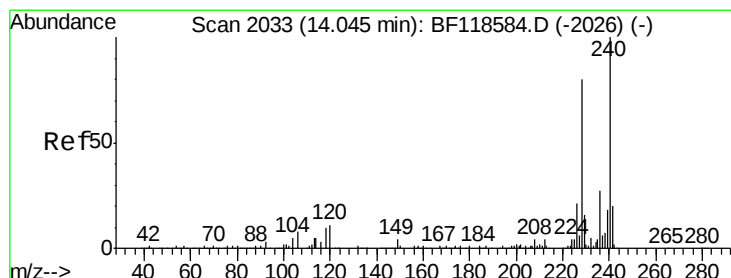
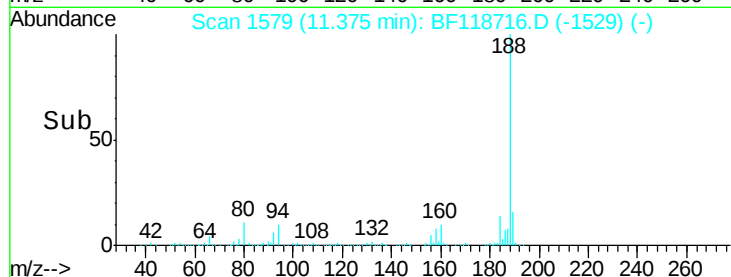
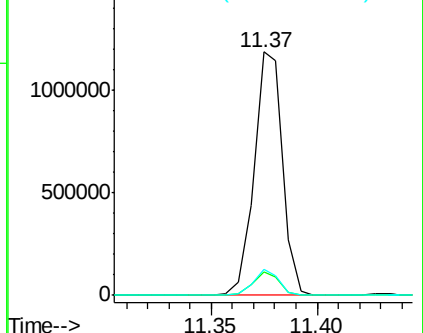
80 10.7 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

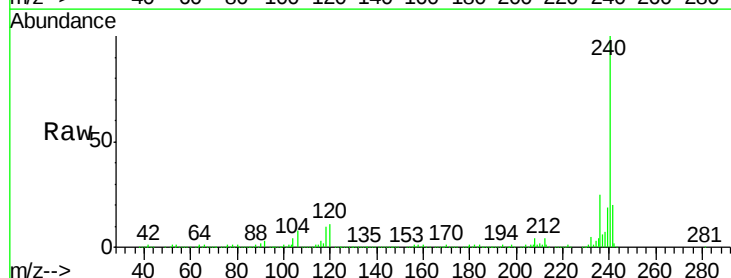
Tgt Ion:240 Resp: 675522

Ion Ratio Lower Upper

240 100

120 11.2 7.6 11.4

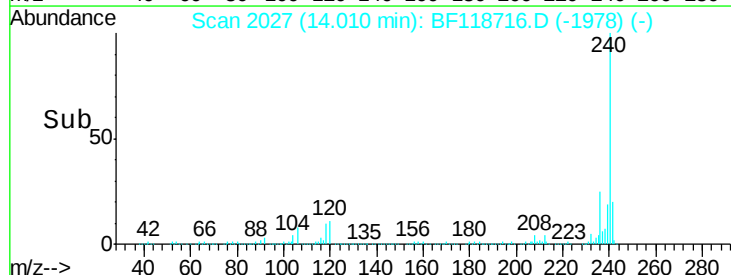
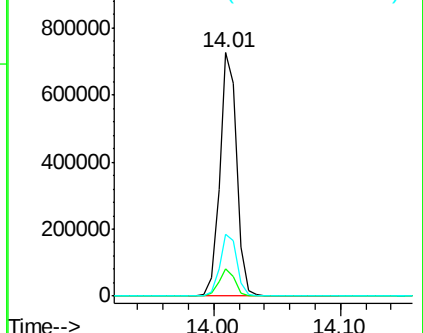
236 25.4 21.0 31.4

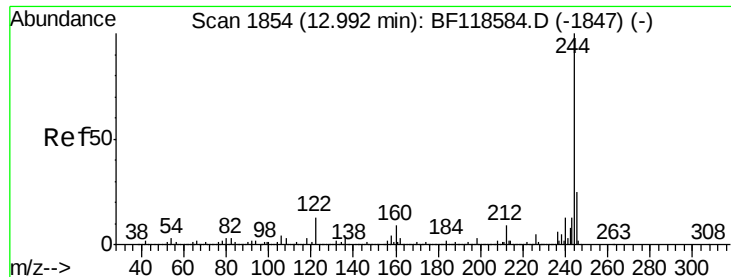


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.253 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

Instrument :

BNA_F

ClientSampleId :

EP-14

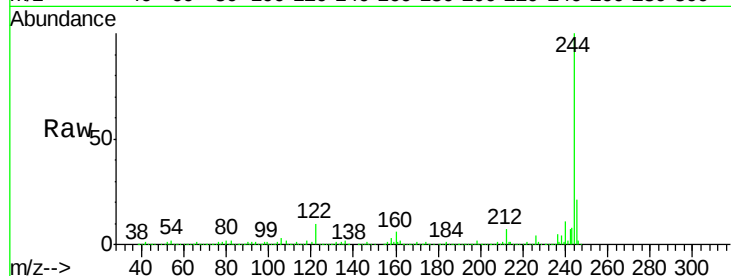
Tot Ion:244 Resp: 1990033

Ion Ratio Lower Upper

244 100

212 6.7 6.3 9.5

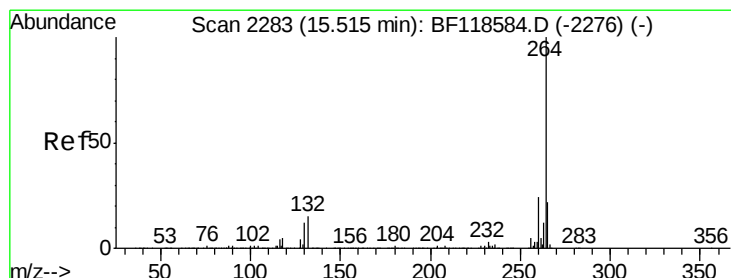
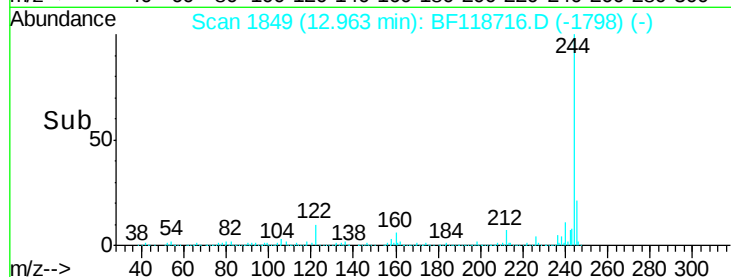
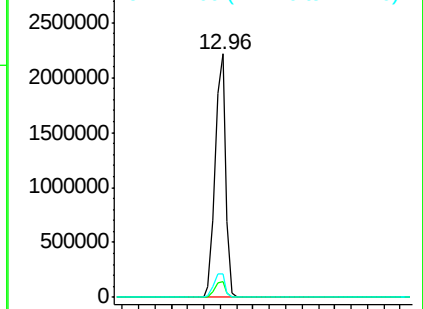
122 9.5 9.2 13.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

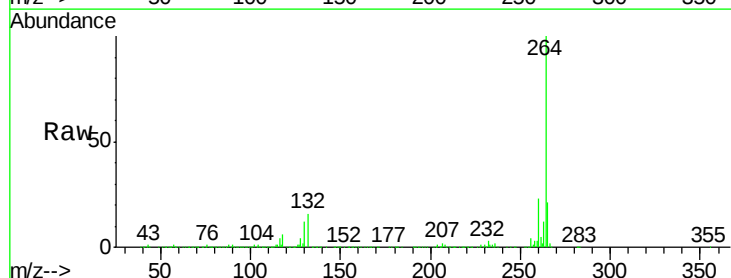
Tgt Ion:264 Resp: 670651

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.0 17.0 25.6



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

