

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111737.D
 Acq On : 27 Dec 2018 2:02
 Operator : JU/SJ
 Sample : J6388-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01

Quant Time: Dec 27 04:17:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

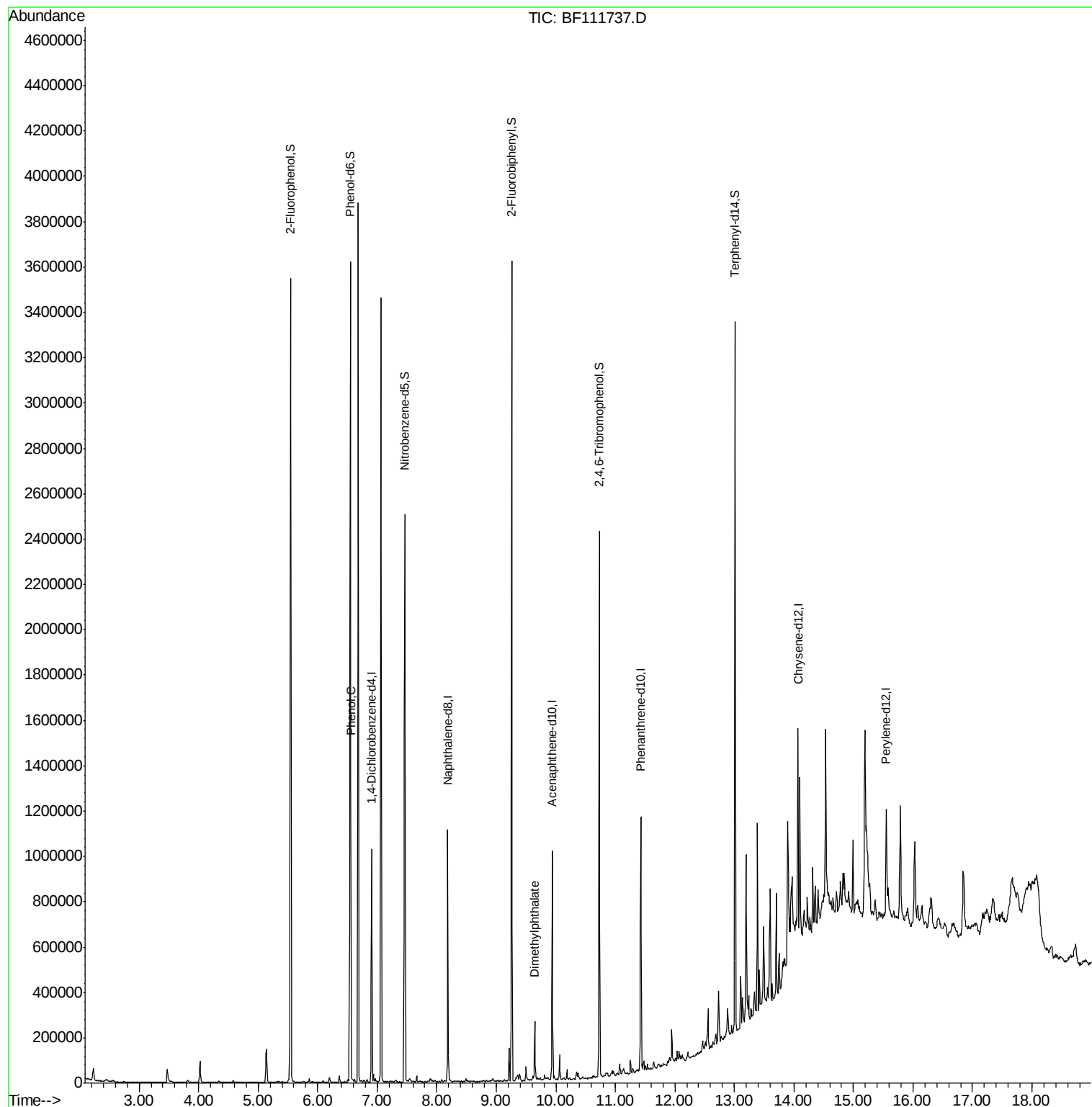
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	135500	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	456423	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	200227	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	363254	20.00	ng	0.01
76) Chrysene-d12	14.07	240	295253	20.00	ng	0.02
87) Perylene-d12	15.55	264	231612	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	968042	121.78	ng	0.03
7) Phenol-d6	6.55	99	1190546	117.68	ng	0.03
23) Nitrobenzene-d5	7.46	82	756643	96.49	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	286382	121.05	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1127014	82.04	ng	0.00
79) Terphenyl-d14	13.01	244	1003239	64.44	ng	0.01
Target Compounds						
10) Phenol	6.56	94	71845	6.294	ng	98
50) Dimethylphthalate	9.65	163	97754	6.676	ng	97

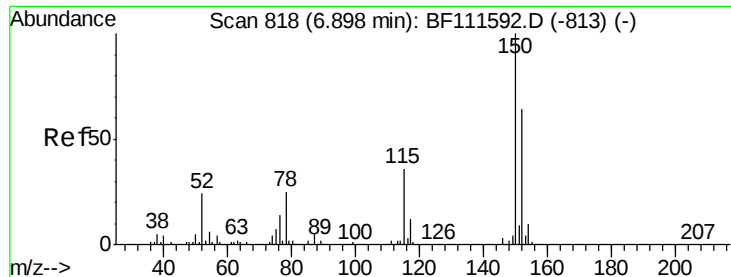
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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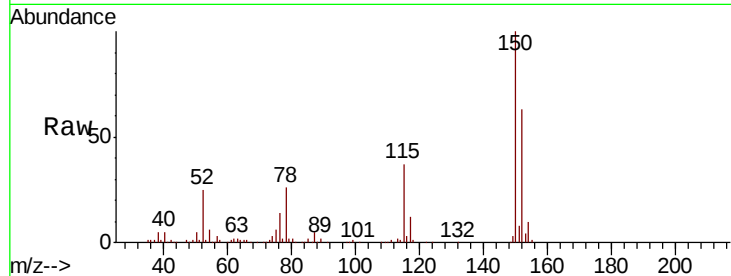


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111737.D
Acq: 27 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.6	189.8
115	58.6	50.7	76.1

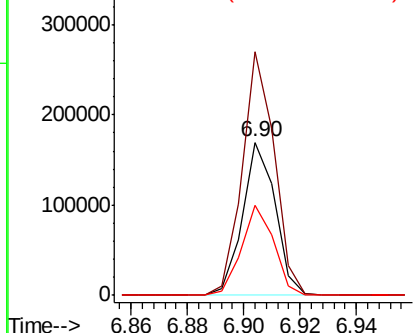
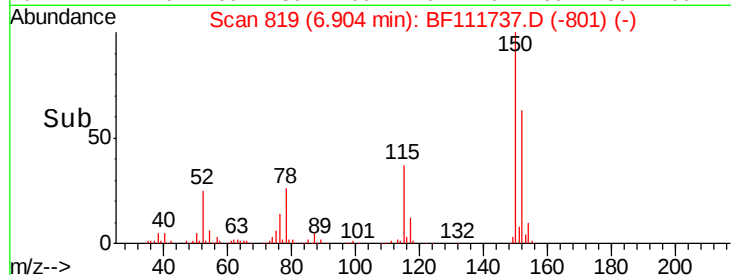


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

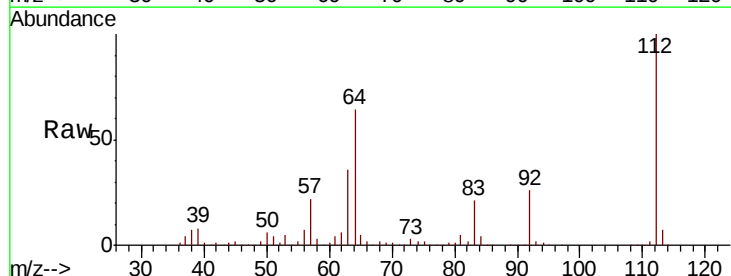
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.776 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111737.D
Acq: 27 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	51.8	77.6
63	35.8	26.8	40.2

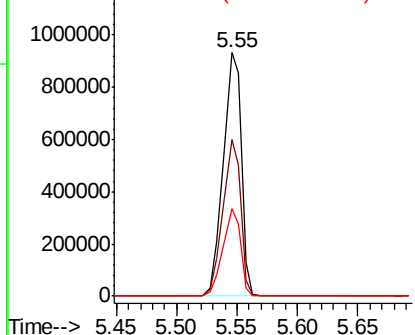
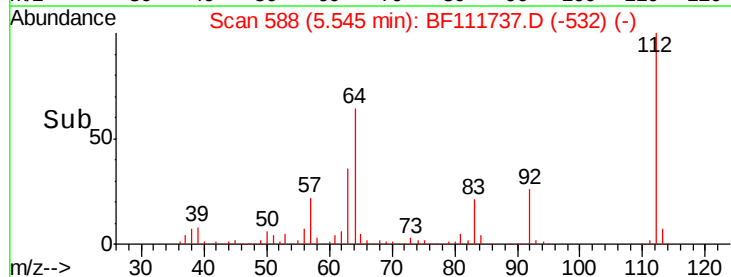


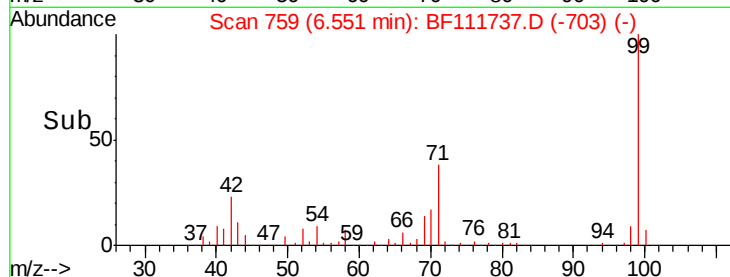
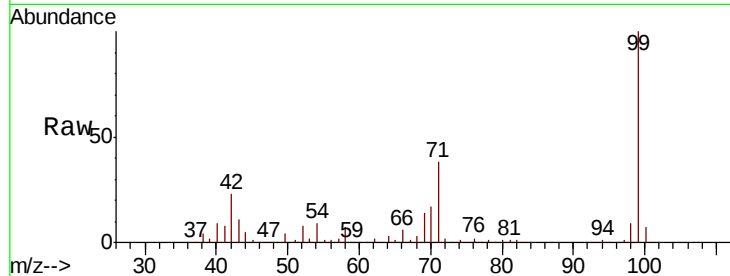
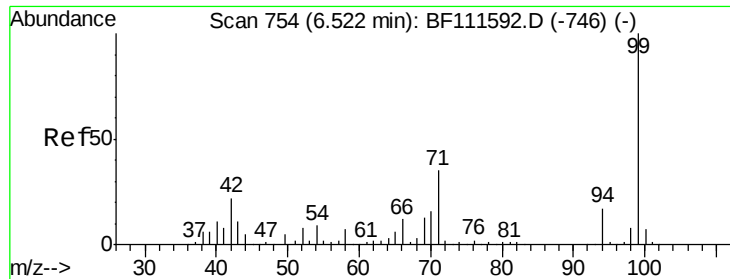
Abundance

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: 117.680 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01

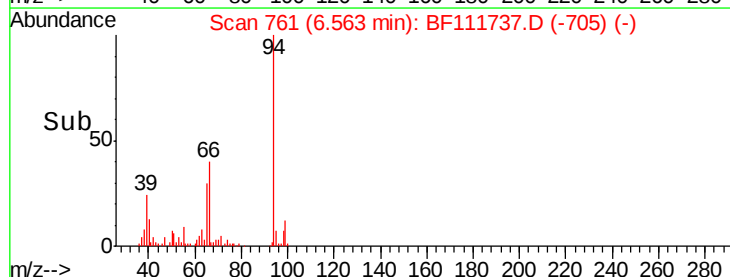
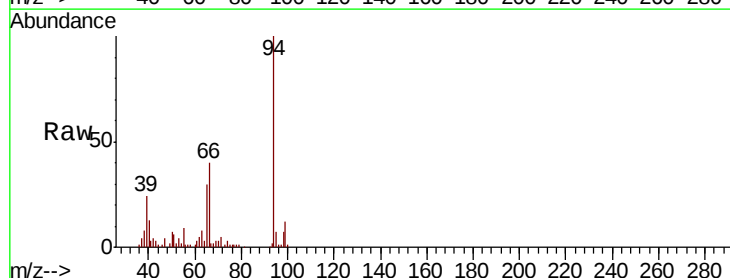
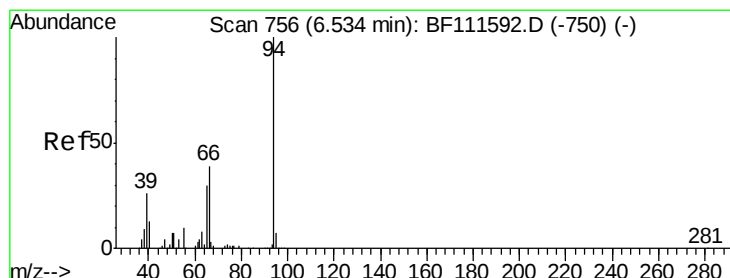
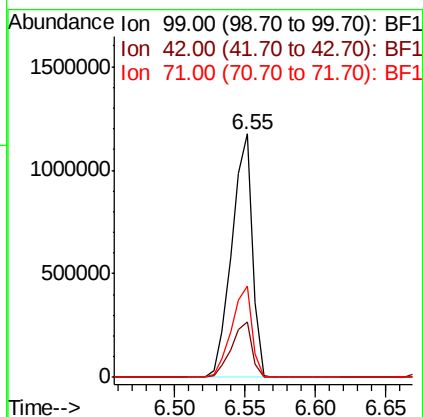
Tot Ion: 99 Resp: 1190546

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

71 37.6 26.1 39.1



#10

Phenol

Concen: 6.294 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

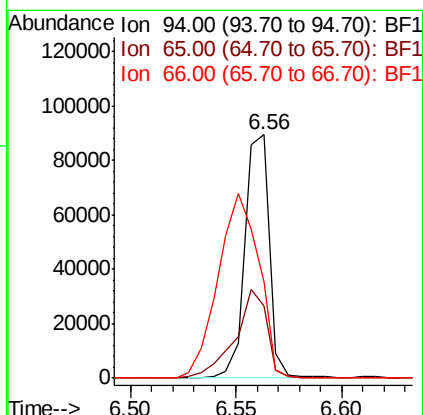
Tgt Ion: 94 Resp: 71845

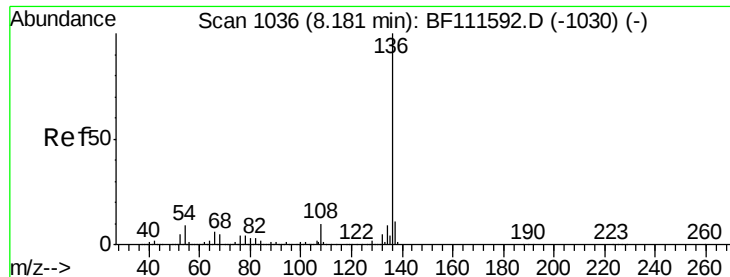
Ion Ratio Lower Upper

94 100

65 29.9 11.7 51.7

66 39.8 21.0 61.0

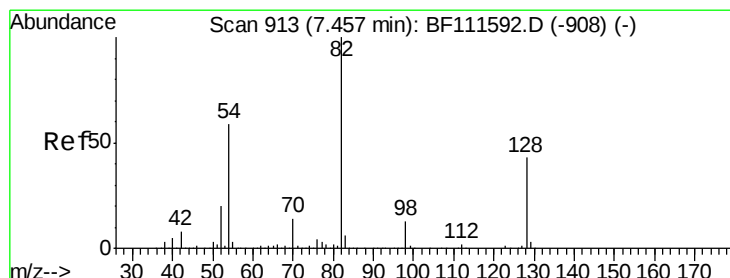
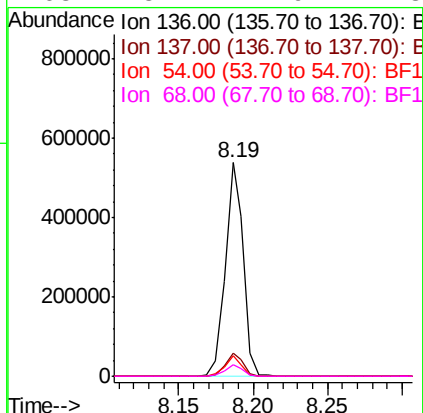
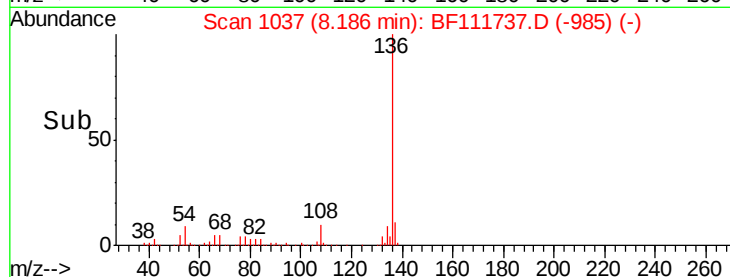
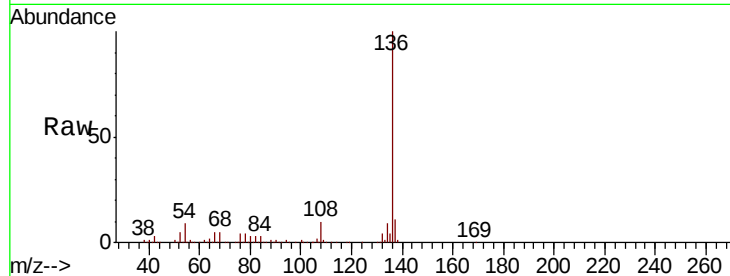




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111737.D
Acq: 27 Dec 2018 2:02

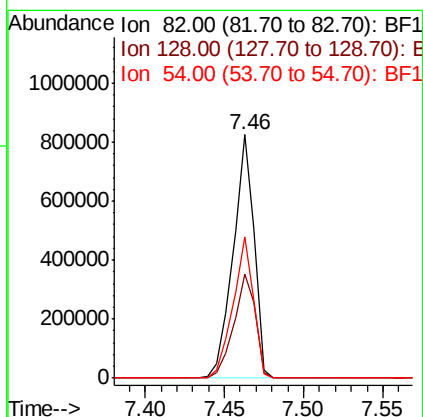
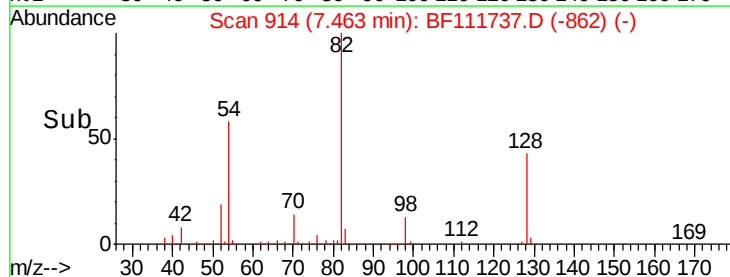
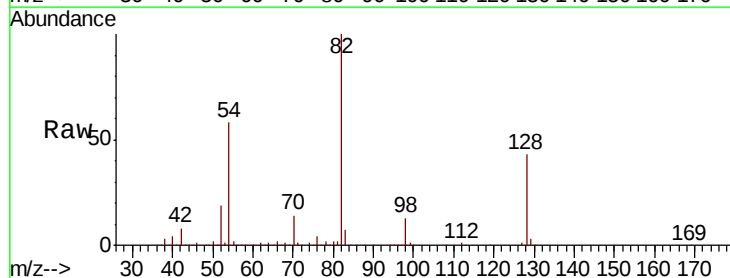
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

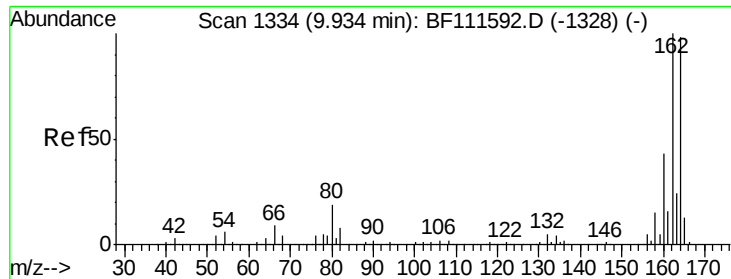
Tot Ion:136	Resp:	456423
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	9.3	7.7 11.5
68	5.4	4.9 7.3



#23
Nitrobenzene-d5
Concen: 96.495 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111737.D
Acq: 27 Dec 2018 2:02

Tgt Ion: 82	Resp:	756643
Ion Ratio	Lower	Upper
82	100	
128	42.9	37.4 56.2
54	57.9	47.6 71.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01

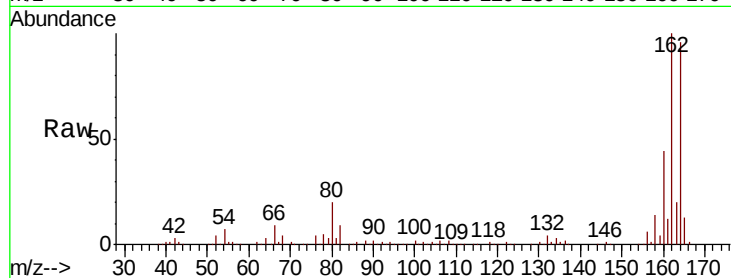
Tot Ion:164 Resp: 200227

Ion Ratio Lower Upper

164 100

162 103.6 81.4 122.0

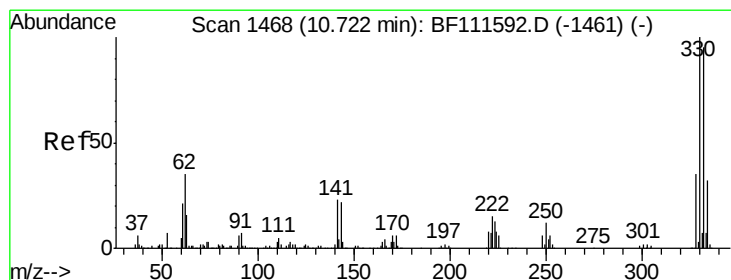
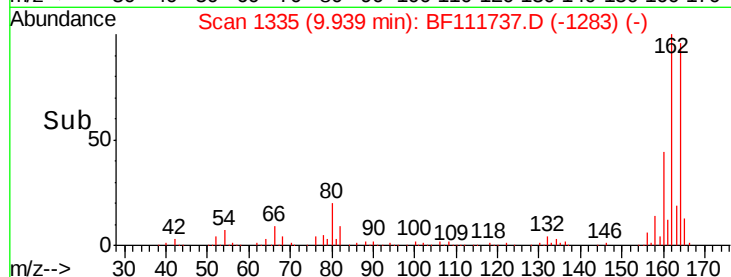
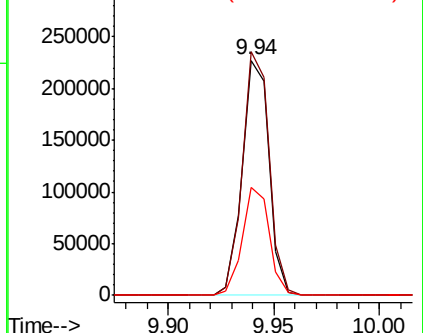
160 45.7 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 121.049 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

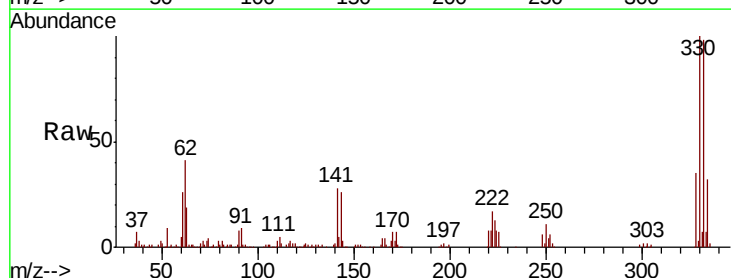
Tgt Ion:330 Resp: 286382

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

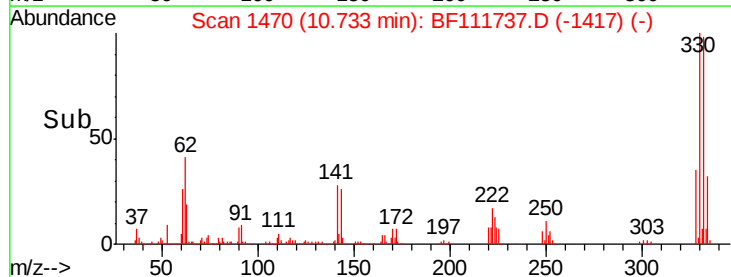
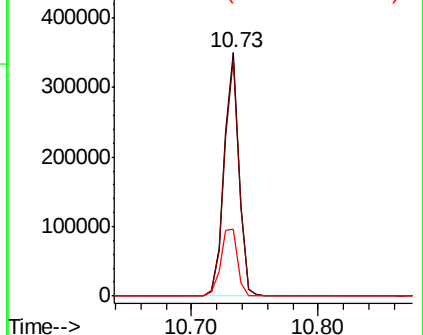
141 31.6 31.0 46.6

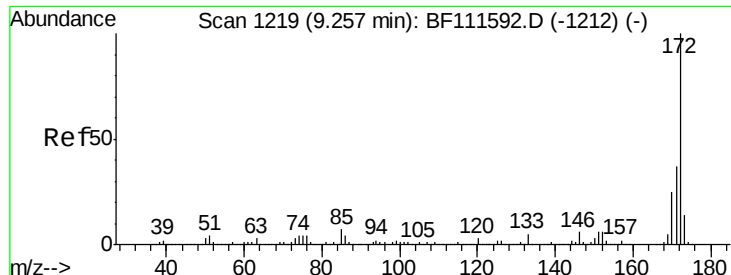


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

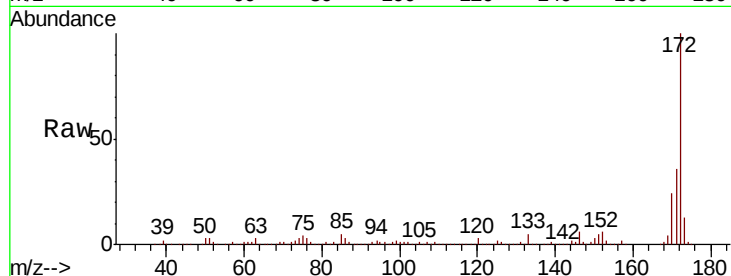




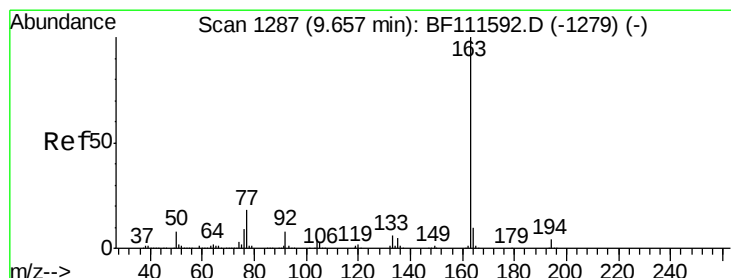
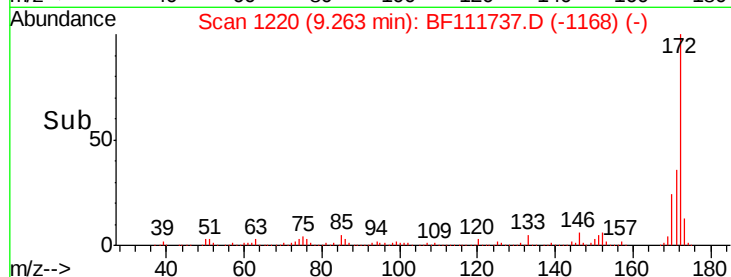
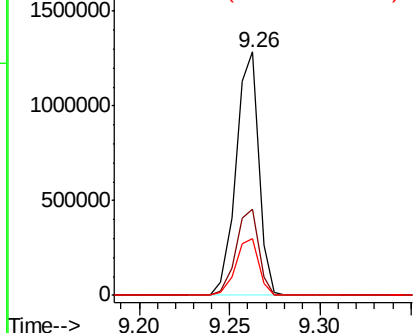
#45
2-Fluorobiphenyl
Concen: 82.042 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111737.D
Acq: 27 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

Tot Ion:172 Resp: 1127014
Ion Ratio Lower Upper
172 100
171 35.6 33.0 49.4
170 23.6 22.3 33.5

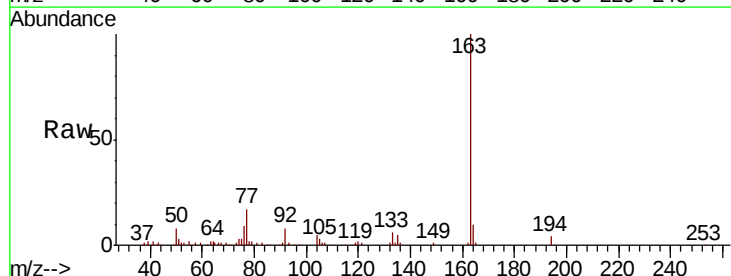


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

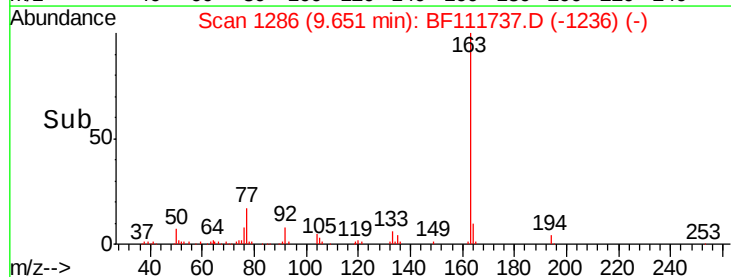
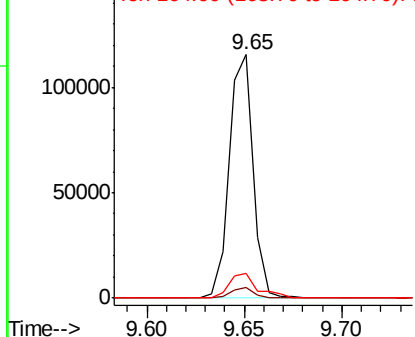


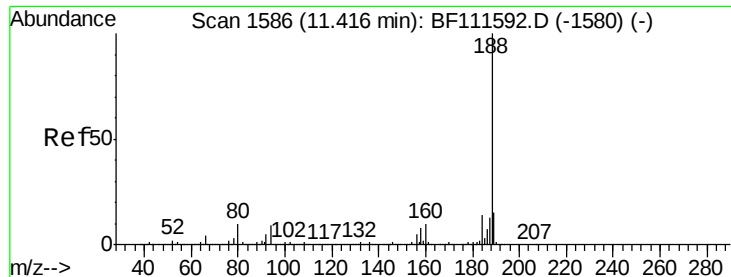
#50
Dimethylphthalate
Concen: 6.676 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111737.D
Acq: 27 Dec 2018 2:02

Tgt Ion:163 Resp: 97754
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.0 8.9 13.3



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: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01

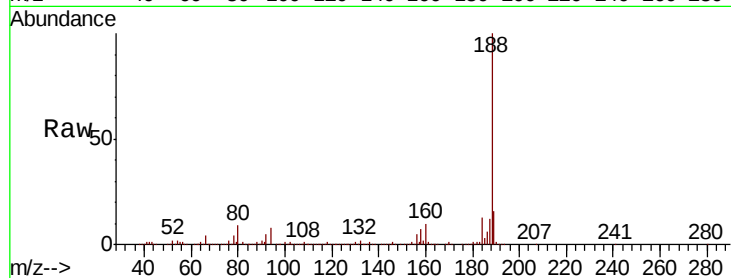
Tot Ion:188 Resp: 363254

Ion Ratio Lower Upper

188 100

94 8.4 9.6 14.4#

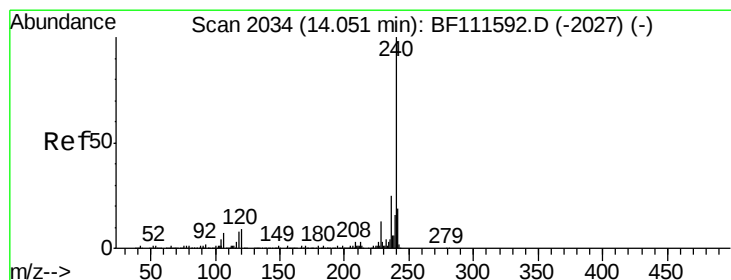
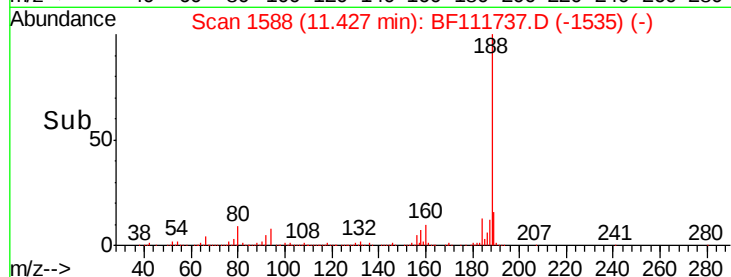
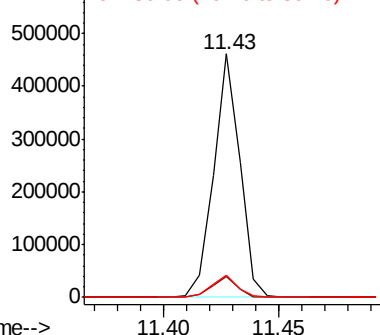
80 9.0 9.8 14.6#



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: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

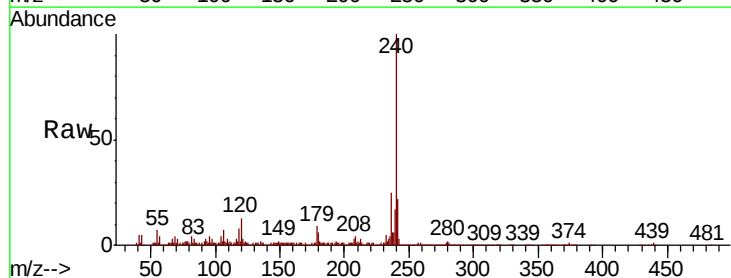
Tgt Ion:240 Resp: 295253

Ion Ratio Lower Upper

240 100

120 13.2 12.2 18.2

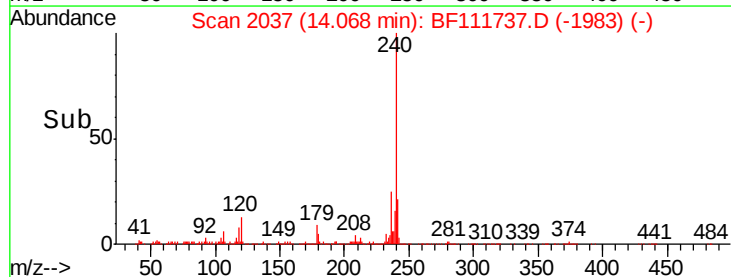
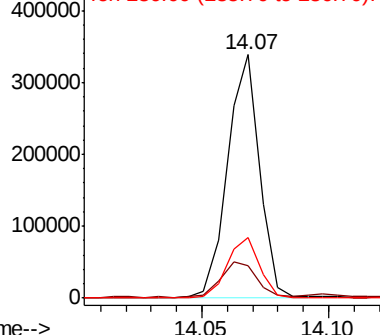
236 25.1 20.2 30.2

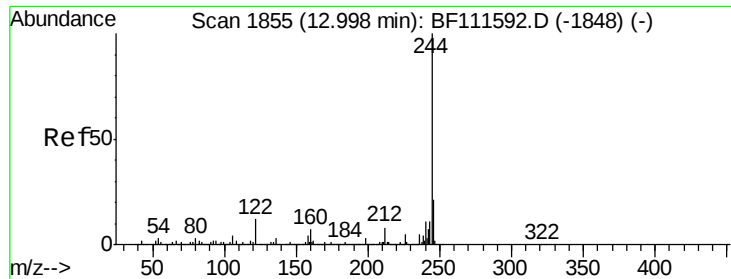


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.438 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

Instrument :

BNA_F

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P001-SS011-0006-01

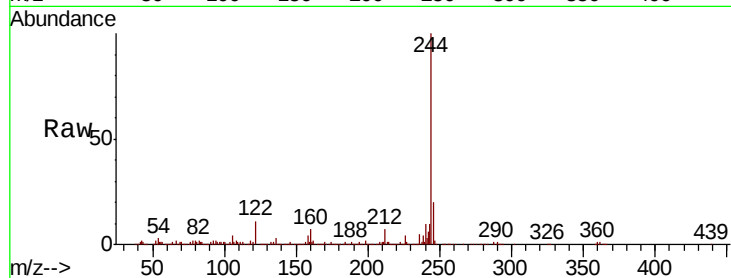
Tot Ion:244 Resp: 1003239

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

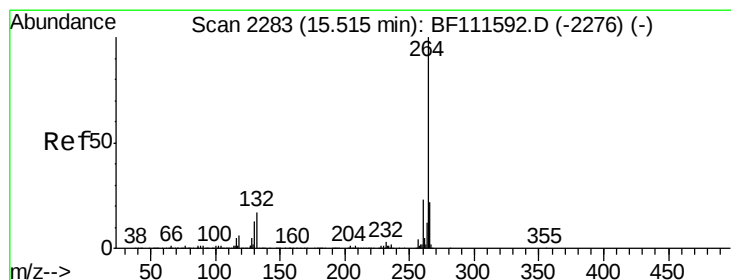
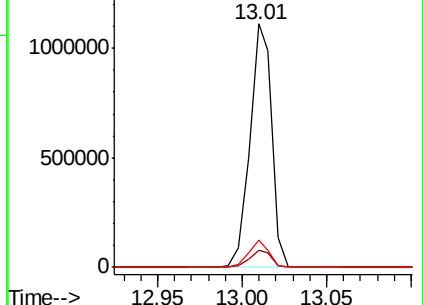
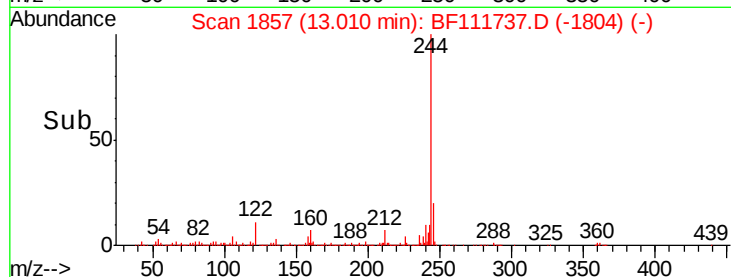
122 11.2 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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: 15.55 min Scan# 2289

Delta R.T. 0.04 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

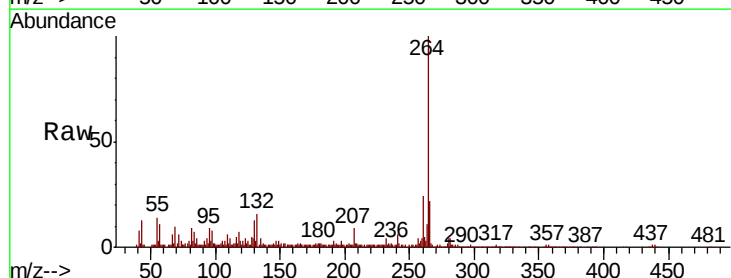
Tgt Ion:264 Resp: 231612

Ion Ratio Lower Upper

264 100

260 24.4 18.3 27.5

265 21.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

250000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

