

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043451.D
 Acq On : 1 Nov 2019 2:10
 Operator : JU
 Sample : K5603-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190895-FIELD-BLANK

Quant Time: Nov 01 04:34:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

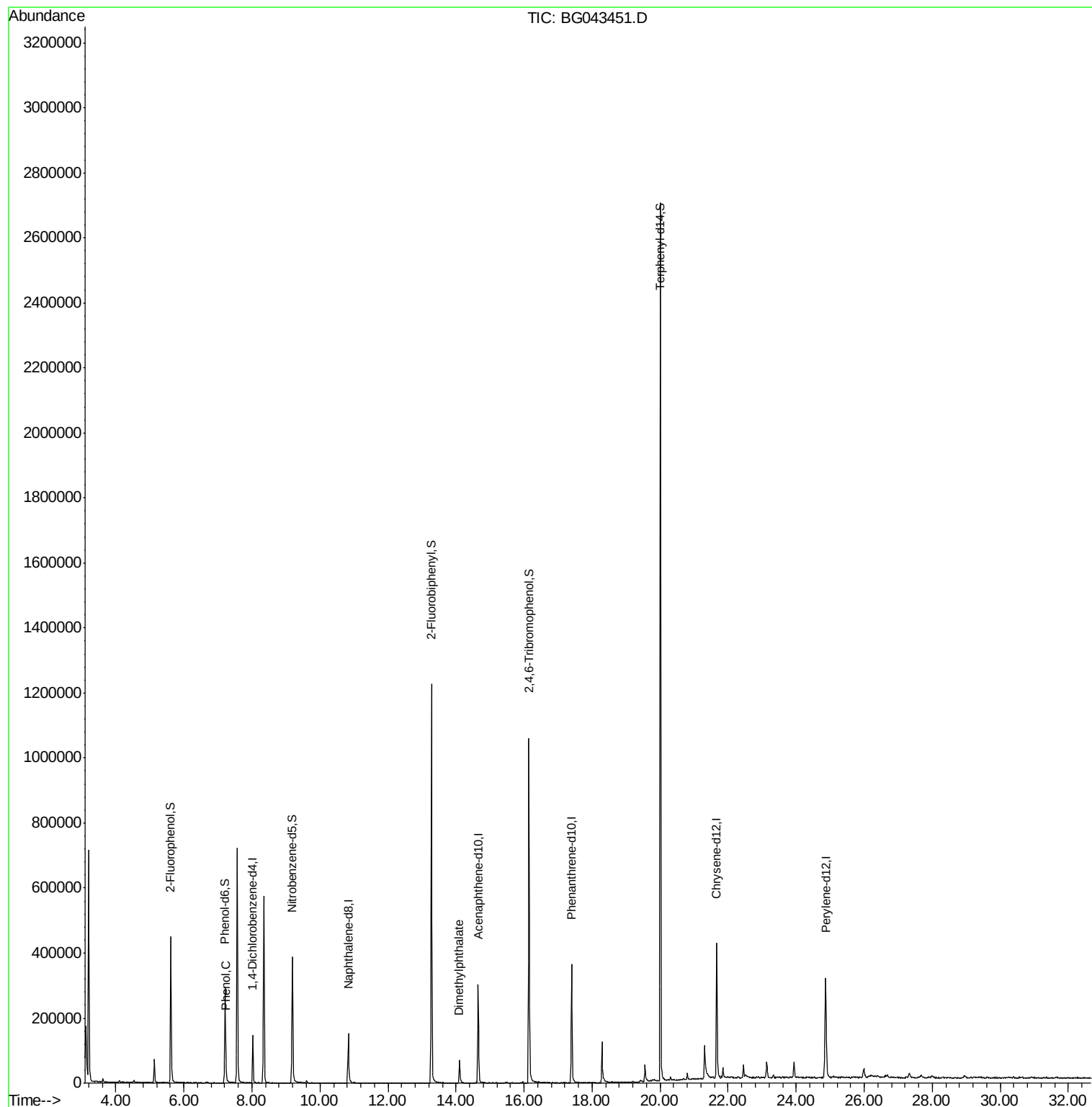
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43163	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	161591	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	114549	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	271206	20.00	ng	0.00
76) Chrysene-d12	21.66	240	292874	20.00	ng	0.00
87) Perylene-d12	24.86	264	345734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	214350	91.00	ng	0.01
7) Phenol-d6	7.21	99	189720	55.98	ng	0.00
23) Nitrobenzene-d5	9.19	82	266481	85.02	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	271212	124.42	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	733760	88.51	ng	0.00
79) Terphenyl-d14	20.00	244	1450487	92.91	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12251	3.956	ng	85
50) Dimethylphthalate	14.10	163	64540	7.274	ng	97

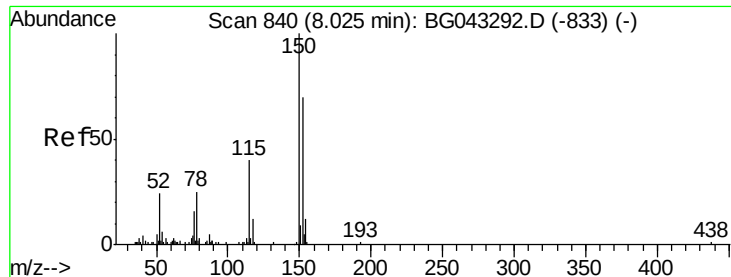
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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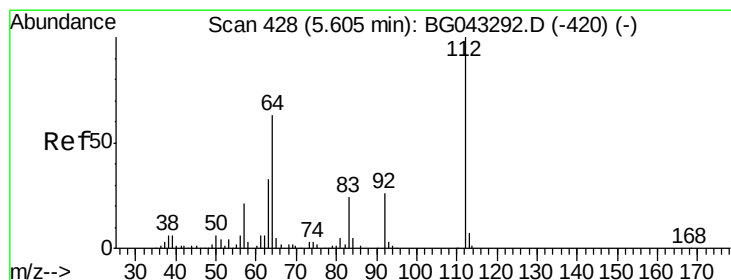
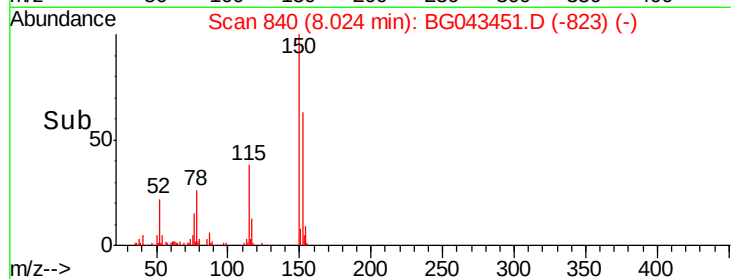
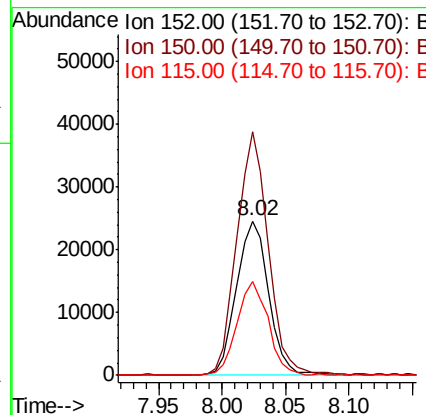
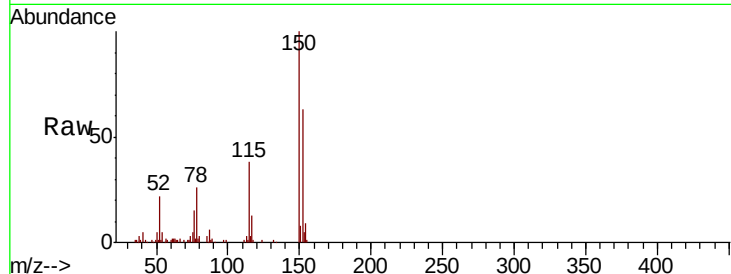


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Instrument :
BNA_G
ClientSampleId :
20190895-FIELD-BLANK

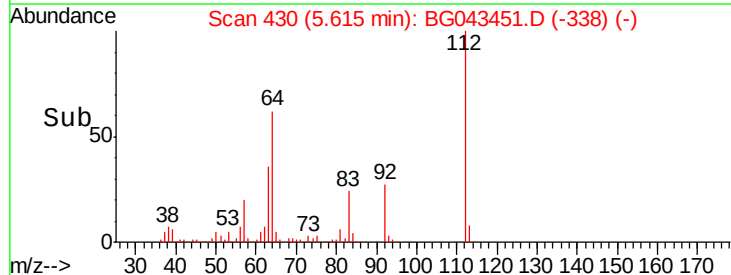
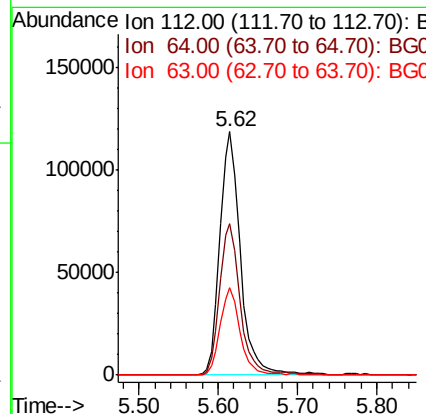
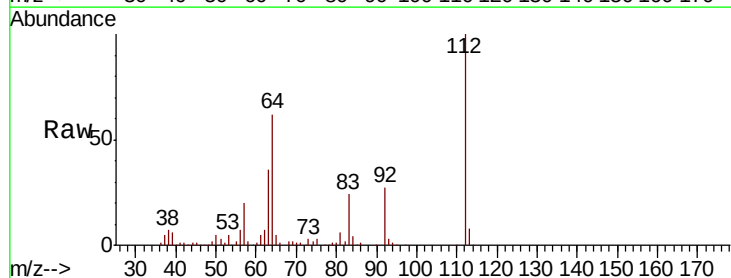
Tot Ion:152 Resp: 43163
Ion Ratio Lower Upper
152 100
150 157.8 113.6 170.4
115 60.5 45.9 68.9

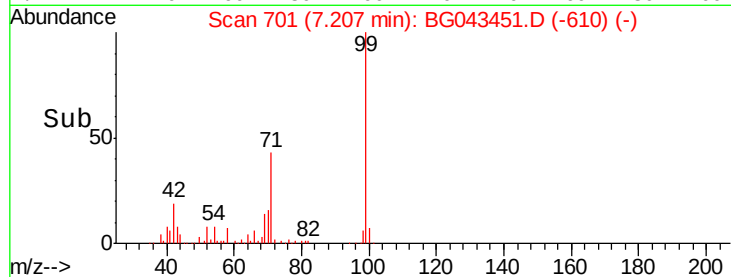
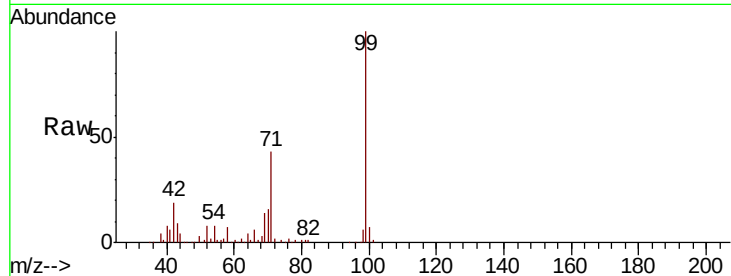
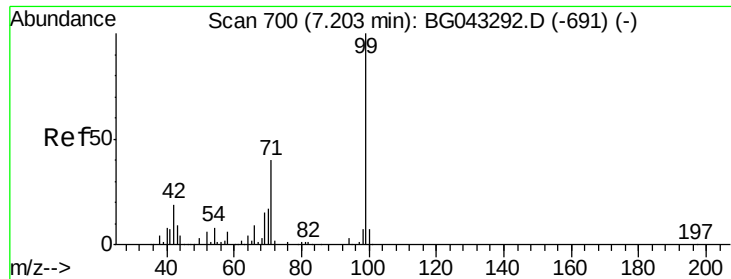


#5

2-Fluorophenol
Concen: 91.000 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Tgt Ion:112 Resp: 214350
Ion Ratio Lower Upper
112 100
64 62.3 50.2 75.2
63 35.9 26.7 40.1





#7

Phenol-d6

Concen: 55.981 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043451.D

Acq: 1 Nov 2019 2:10

Instrument :

BNA_G

ClientSampleId :

20190895-FIELD-BLANK

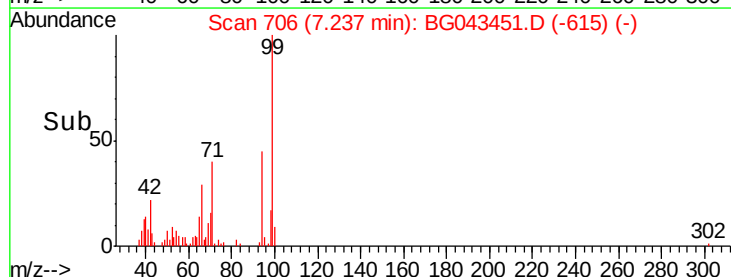
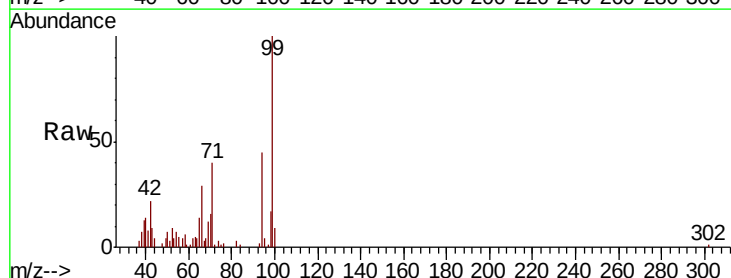
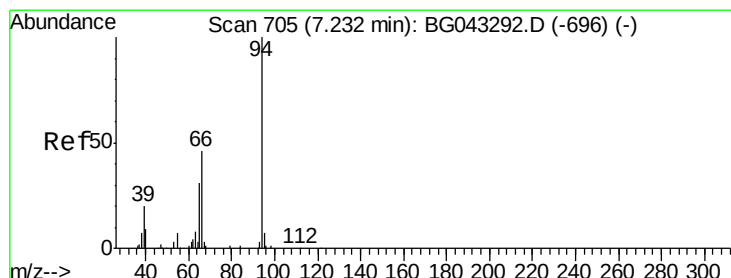
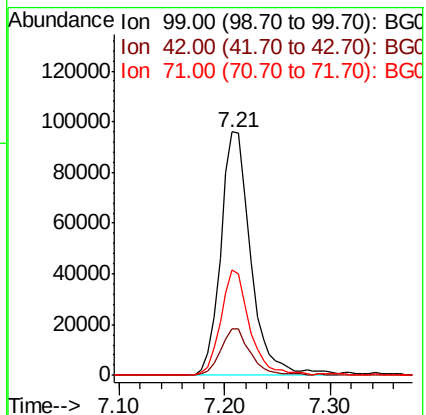
Tot Ion: 99 Resp: 189720

Ion Ratio Lower Upper

99 100

42 19.4 14.9 22.3

71 43.1 32.2 48.2



#10

Phenol

Concen: 3.956 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043451.D

Acq: 1 Nov 2019 2:10

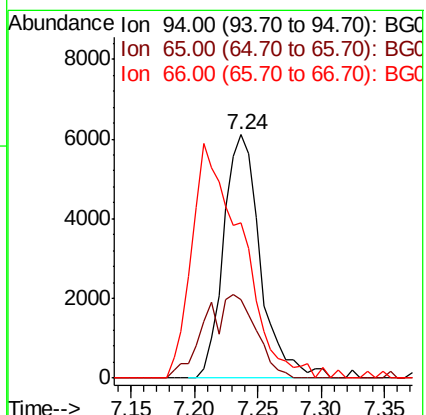
Tgt Ion: 94 Resp: 12251

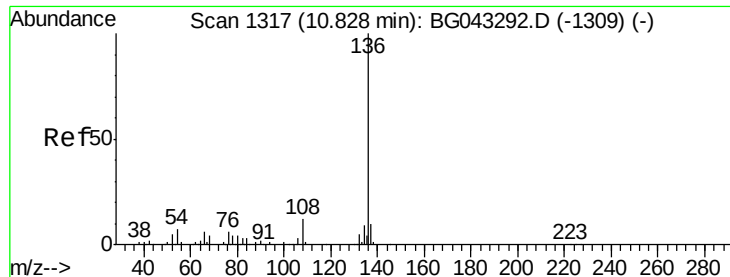
Ion Ratio Lower Upper

94 100

65 32.2 11.1 51.1

66 63.9 27.8 67.8

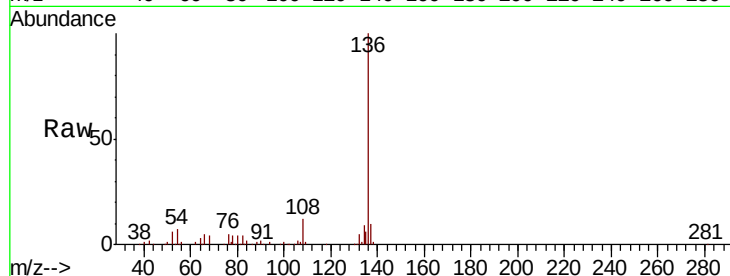




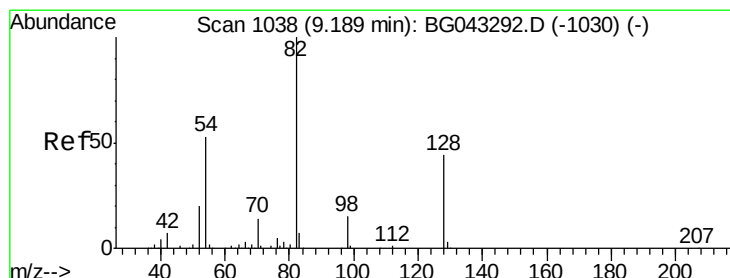
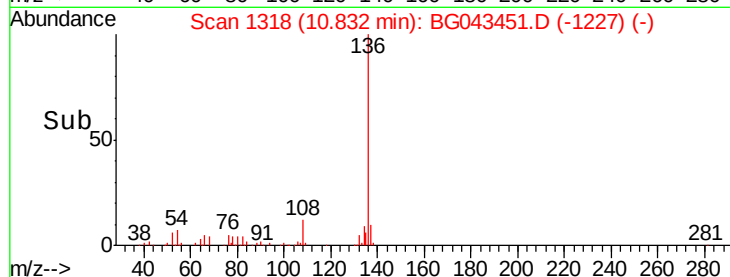
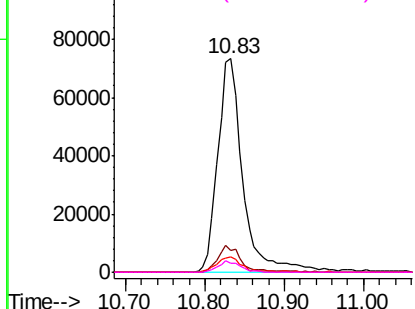
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Instrument :
BNA_G
ClientSampleId :
20190895-FIELD-BLANK

Tot Ion:136	Resp:	161591
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.2 12.2
54	7.0	5.4 8.2
68	3.9	3.3 4.9

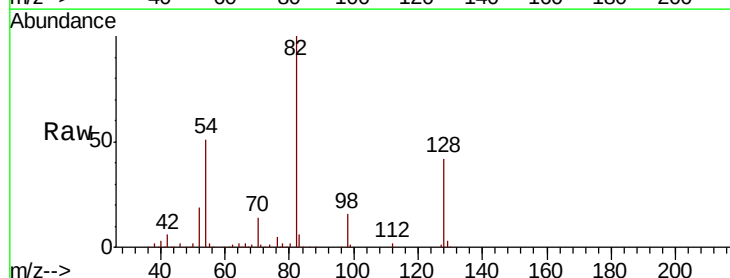


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

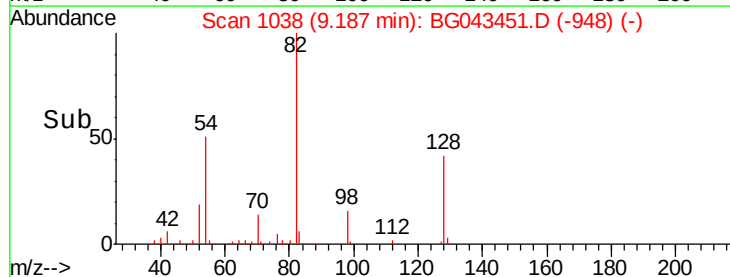
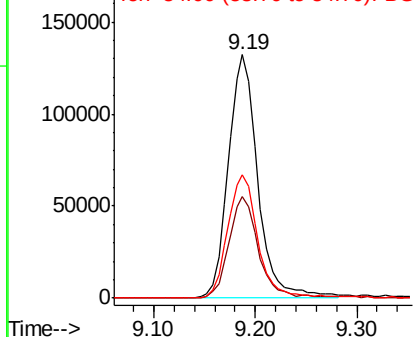


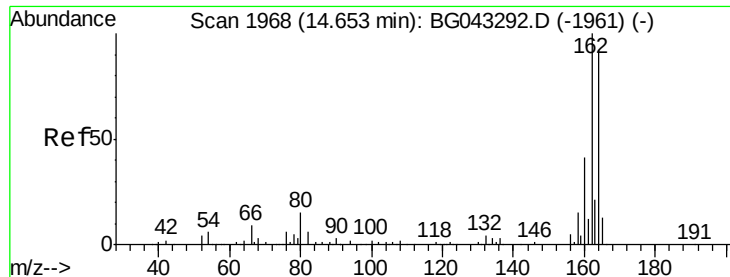
#23
Nitrobenzene-d5
Concen: 85.019 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Tgt Ion: 82	Resp:	266481
Ion	Ratio	Lower Upper
82	100	
128	41.7	35.3 52.9
54	50.8	42.3 63.5



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043451.D

Acq: 1 Nov 2019 2:10

Instrument :

BNA_G

ClientSampleId :

20190895-FIELD-BLANK

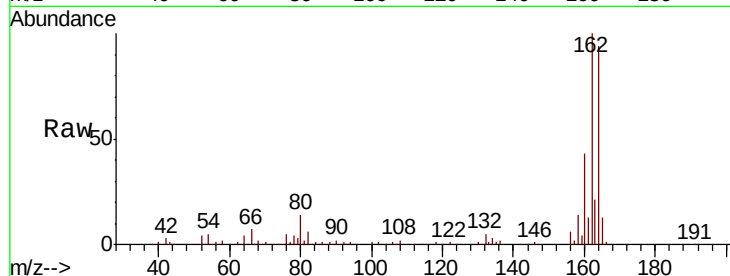
Tot Ion:164 Resp: 114549

Ion Ratio Lower Upper

164 100

162 106.5 87.0 130.4

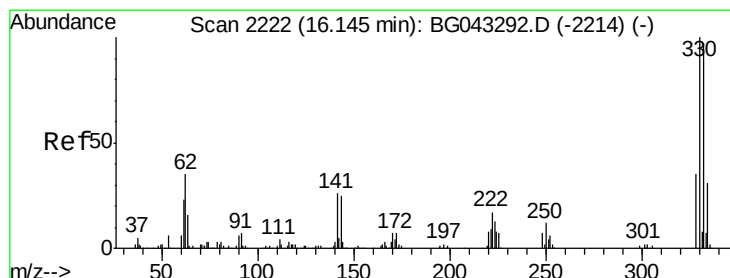
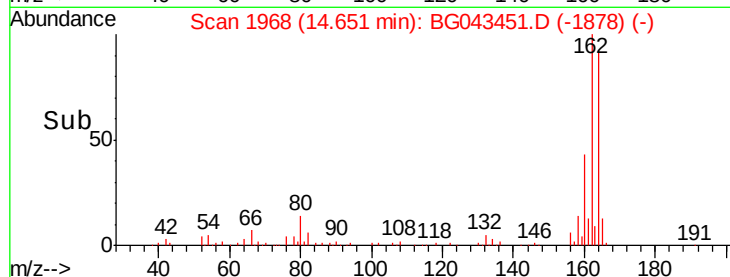
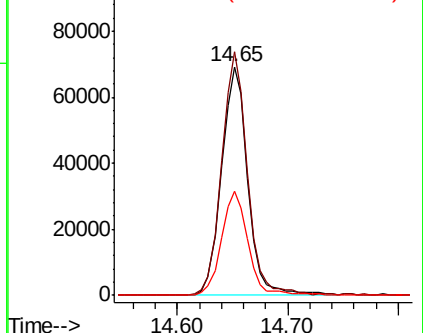
160 45.6 35.5 53.3



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



#42

2,4,6-Tribromophenol

Concen: 124.417 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043451.D

Acq: 1 Nov 2019 2:10

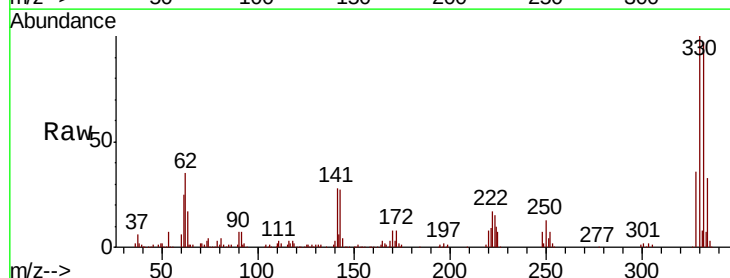
Tgt Ion:330 Resp: 271212

Ion Ratio Lower Upper

330 100

332 96.9 76.4 114.6

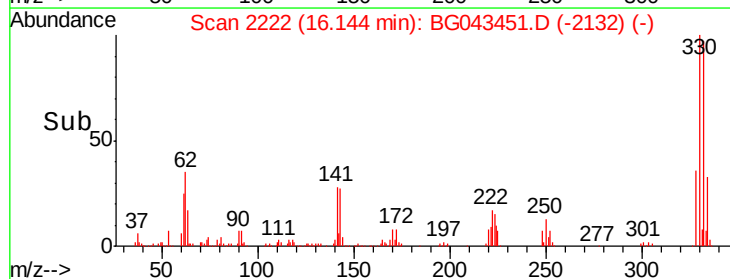
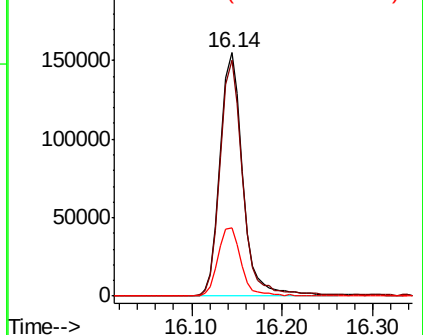
141 28.3 21.4 32.0

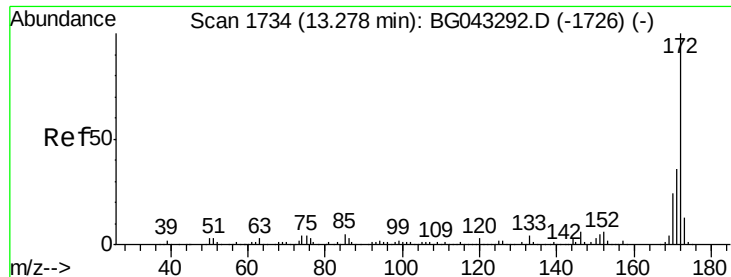


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

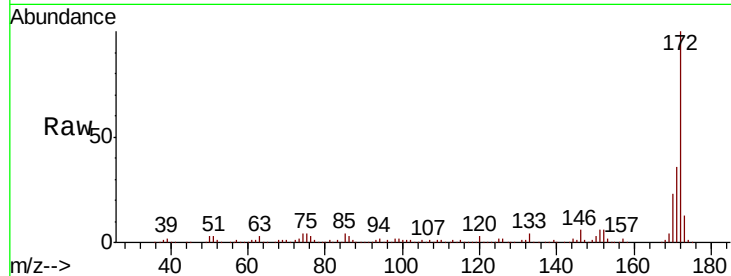




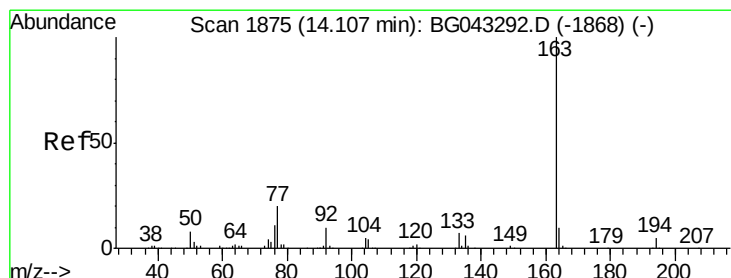
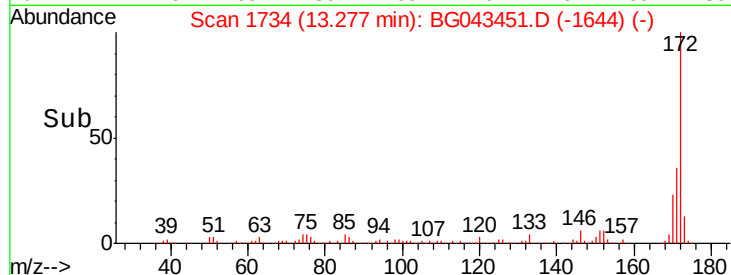
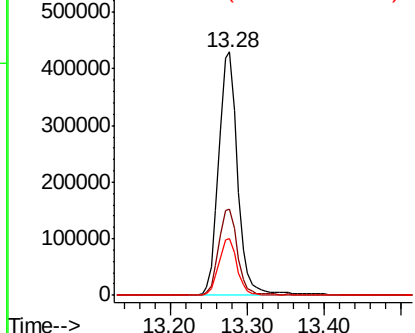
#45
2-Fluorobiphenyl
Concen: 88.513 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Instrument :
BNA_G
ClientSampleId :
20190895-FIELD-BLANK

Tot Ion:172 Resp: 733760
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.1 18.8 28.2

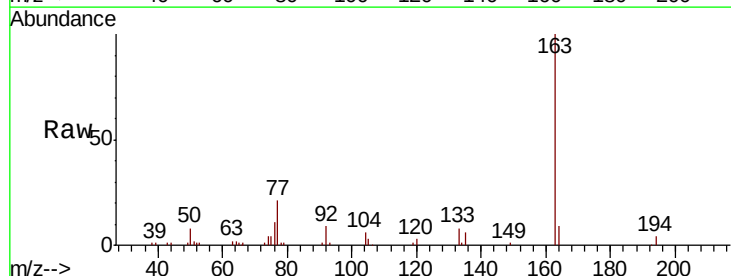


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

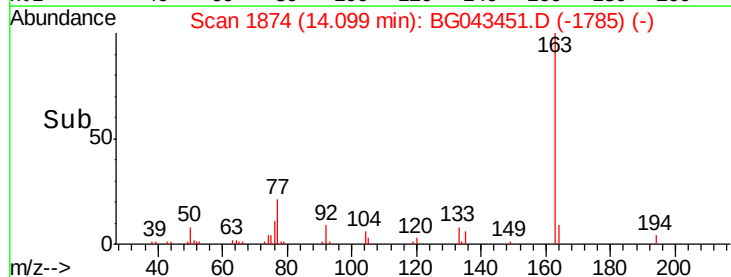
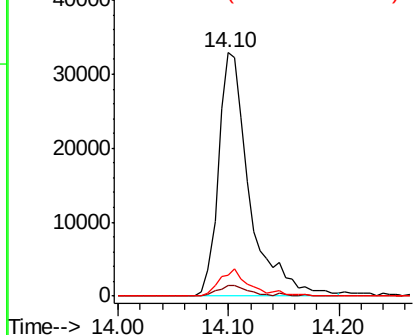


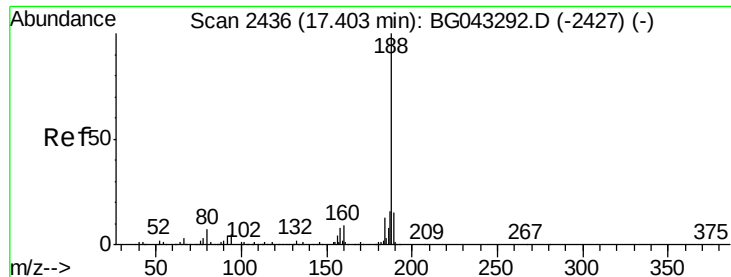
#50
Dimethylphthalate
Concen: 7.274 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Tgt Ion:163 Resp: 64540
Ion Ratio Lower Upper
163 100
194 4.5 3.7 5.5
164 8.5 8.1 12.1



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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043451.D

Acq: 1 Nov 2019 2:10

Instrument :

BNA_G

ClientSampleId :

20190895-FIELD-BLANK

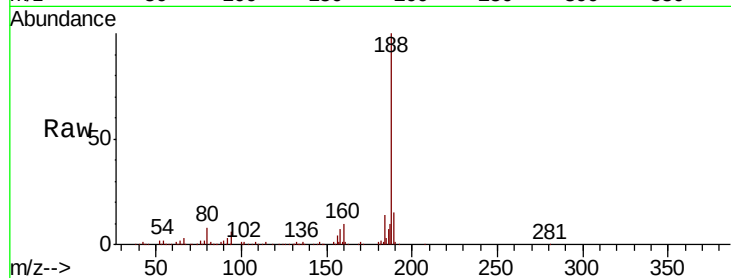
Tot Ion:188 Resp: 271206

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

80 7.5 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

200000

150000

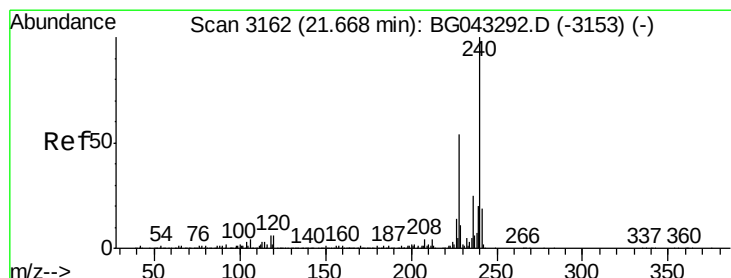
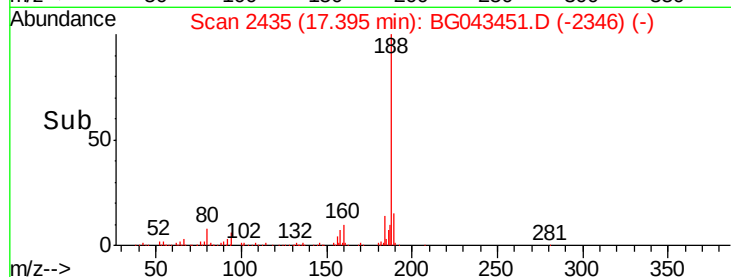
100000

50000

0

17.30 17.40 17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043451.D

Acq: 1 Nov 2019 2:10

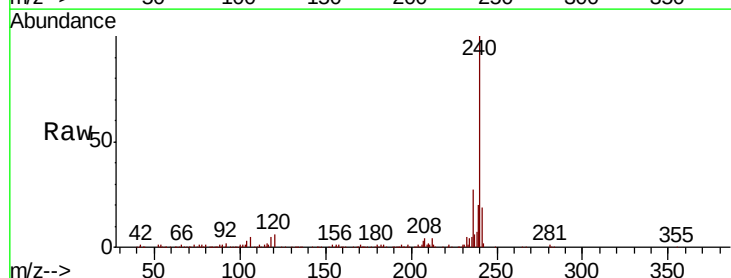
Tgt Ion:240 Resp: 292874

Ion Ratio Lower Upper

240 100

120 6.0 4.6 7.0

236 27.1 20.2 30.4



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

200000

150000

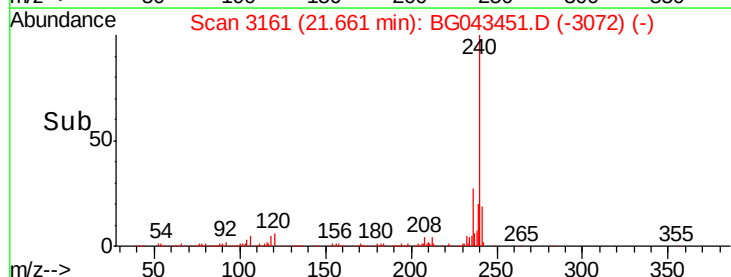
100000

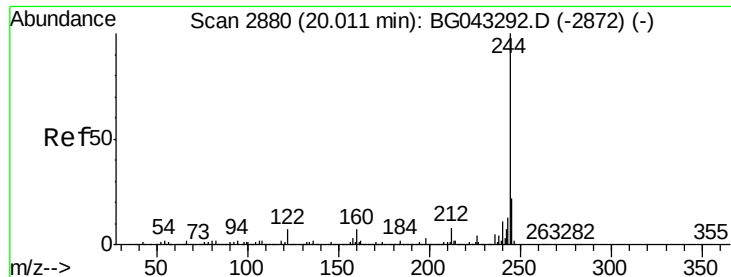
50000

0

21.60 21.70 21.80

Time-->





#79

Terphenyl-d14

Concen: 92.914 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043451.D

Acq: 1 Nov 2019 2:10

Instrument :

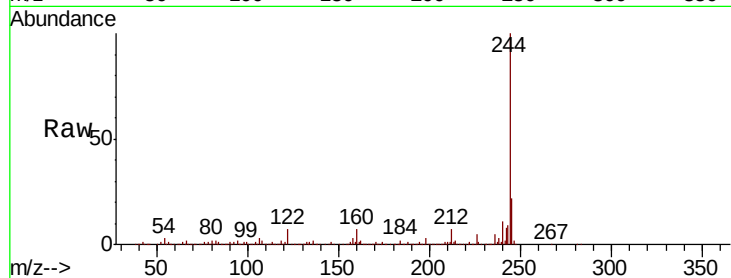
BNA_G

ClientSampleId :

20190895-FIELD-BLANK

Tot Ion:244 Resp: 1450487

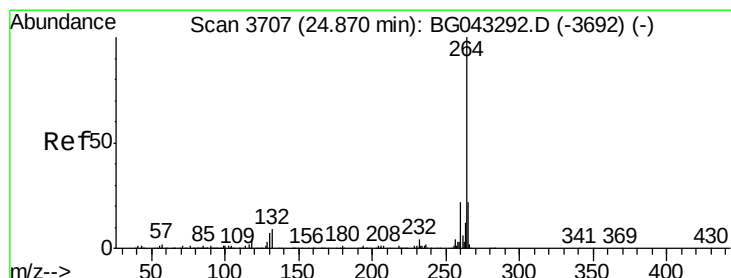
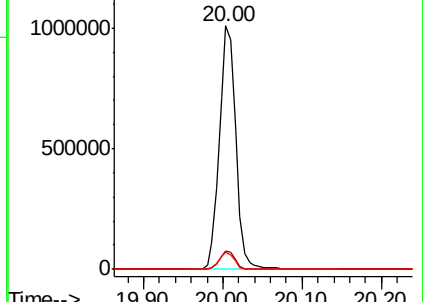
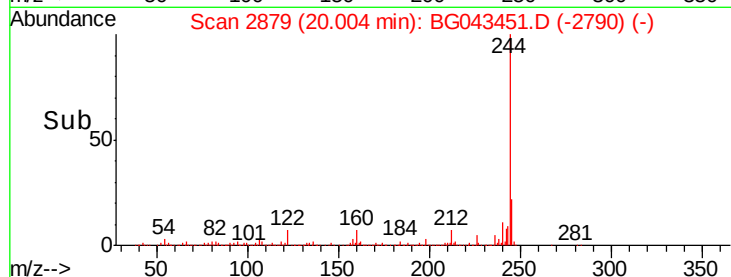
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	7.0	5.3	7.9



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: 24.86 min Scan# 3706

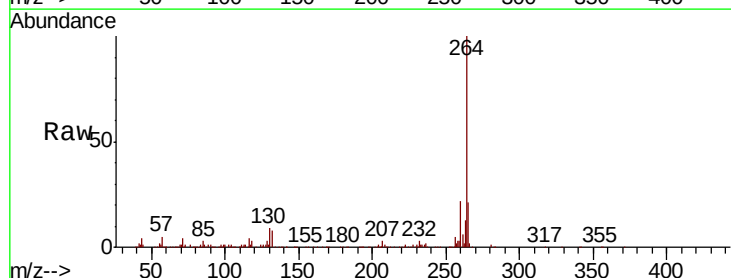
Delta R.T. -0.01 min

Lab File: BG043451.D

Acq: 1 Nov 2019 2:10

Tgt Ion:264 Resp: 345734

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.9	26.9
265	21.2	17.4	26.2



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

