

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101827.D
 Acq On : 29 Dec 2017 14:21
 Operator : SJ/JU
 Sample : I7023-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-1

Quant Time: Dec 29 15:18:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

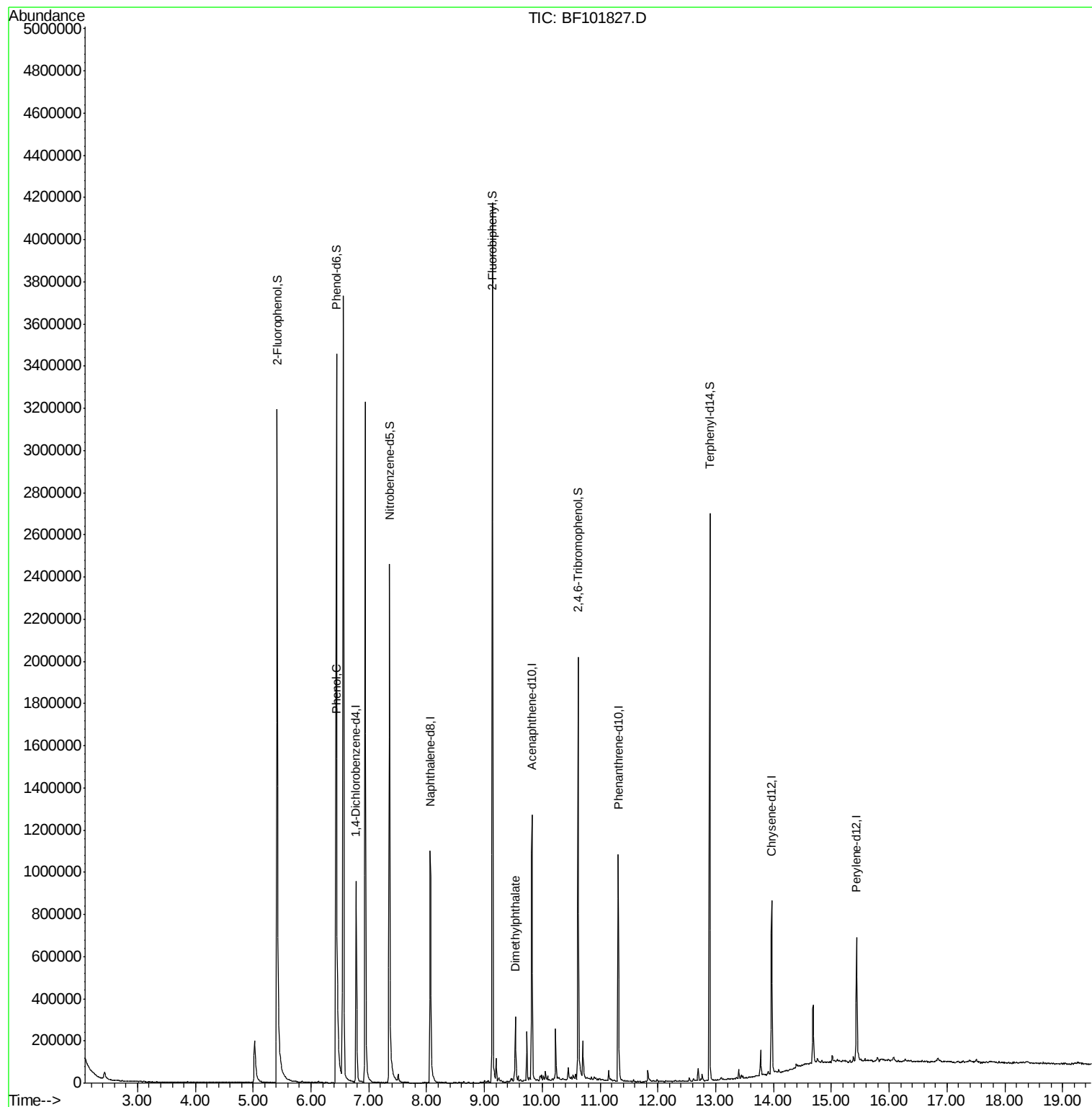
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	164696	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	622306	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	254392	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	410010	20.00	ng	0.00
75) Chrysene-d12	13.97	240	299545	20.00	ng	0.00
86) Perylene-d12	15.44	264	302666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1329737	120.27	ng	0.01
7) Phenol-d6	6.44	99	1557204	113.17	ng	0.00
23) Nitrobenzene-d5	7.36	82	1006200	90.01	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	288936	117.87	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1434850	87.49	ng	0.00
78) Terphenyl-d14	12.90	244	1016026	81.77	ng	0.00
Target Compounds						
10) Phenol	6.45	94	83620	5.332	ng	91
49) Dimethylphthalate	9.54	163	151110	7.385	ng	99

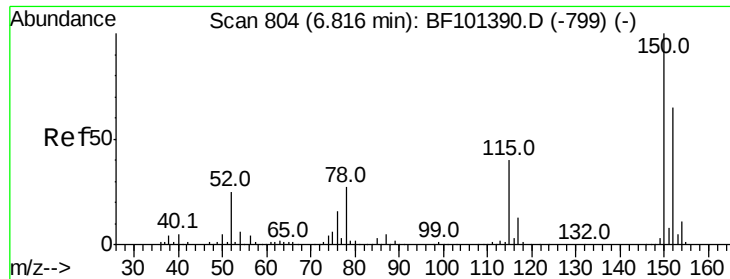
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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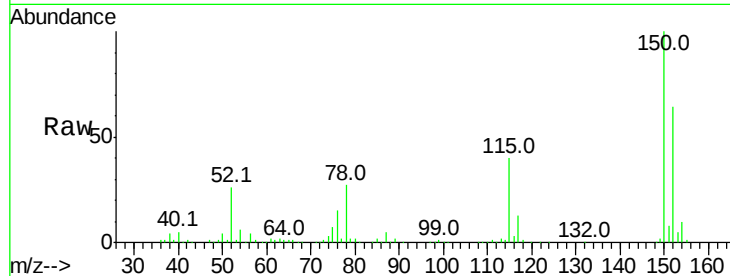


#1

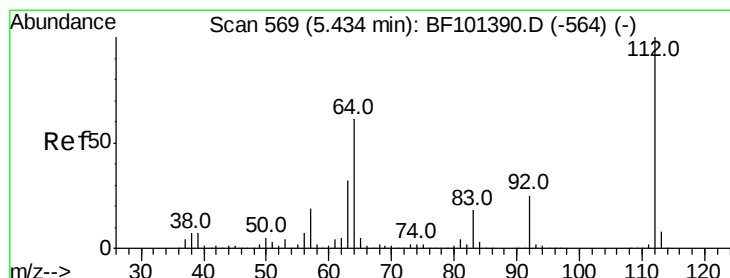
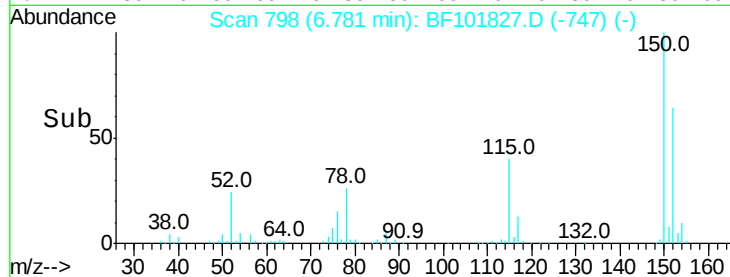
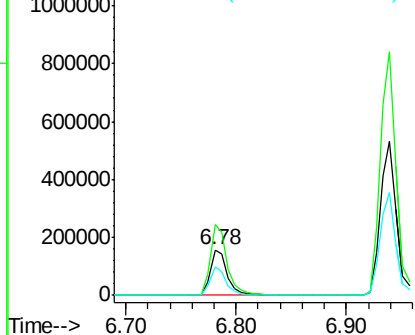
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101827.D
Acq: 29 Dec 2017 14:21

Instrument :
BNA_F
ClientSampled :
LB-1

Tot Ion:152 Resp: 164696
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 62.0 50.1 75.1



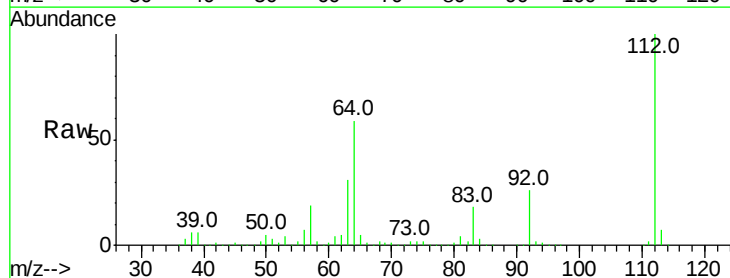
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



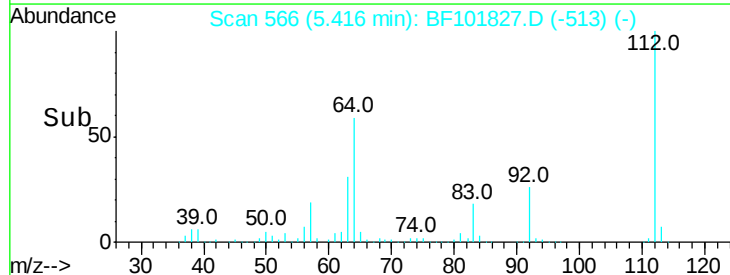
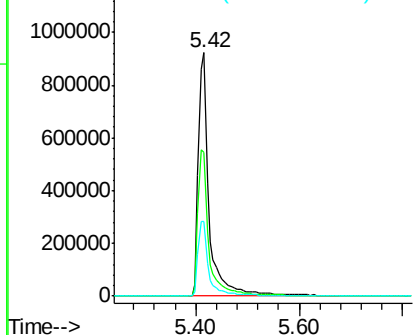
#5

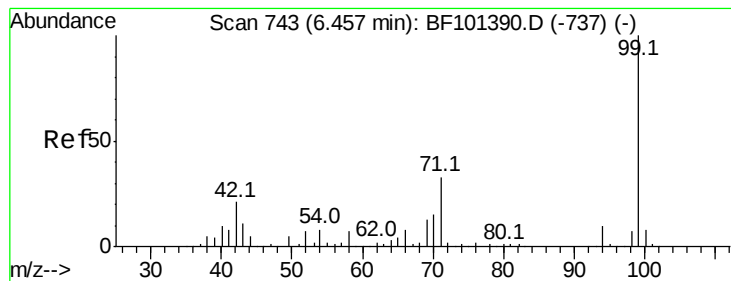
2-Fluorophenol
Concen: 120.267 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101827.D
Acq: 29 Dec 2017 14:21

Tgt Ion:112 Resp: 1329737
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 30.6 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: 113.166 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101827.D

Acq: 29 Dec 2017 14:21

Instrument :

BNA_F

ClientSampleId :

LB-1

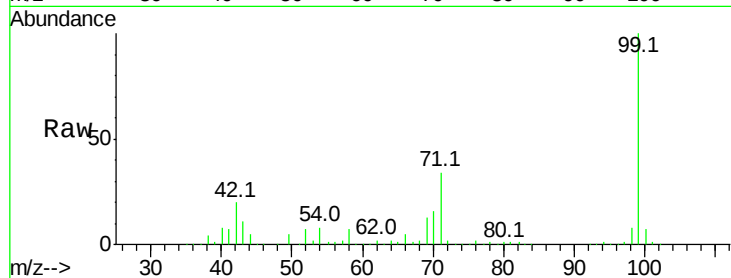
Tot Ion: 99 Resp: 1557204

Ion Ratio Lower Upper

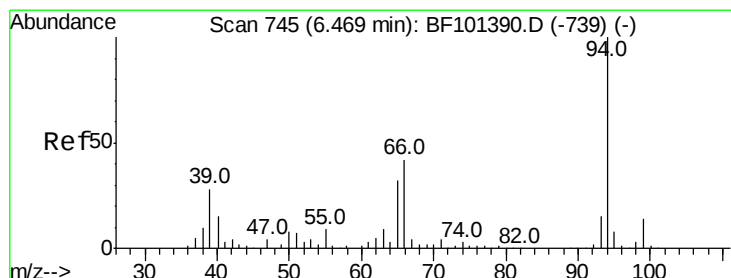
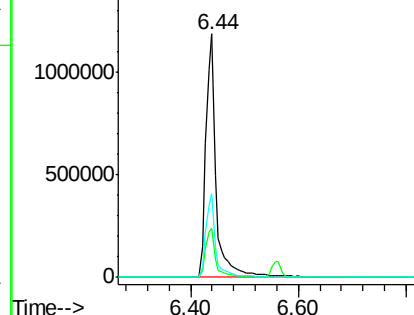
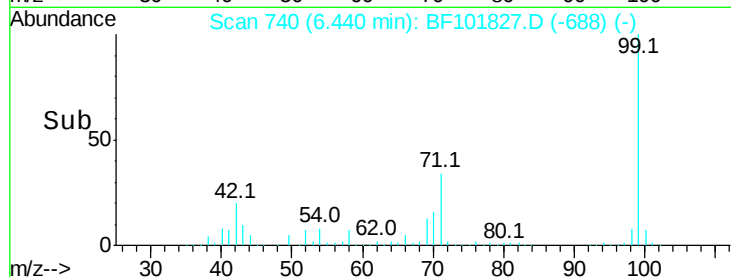
99 100

42 20.2 14.5 21.7

71 34.2 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: 5.332 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101827.D

Acq: 29 Dec 2017 14:21

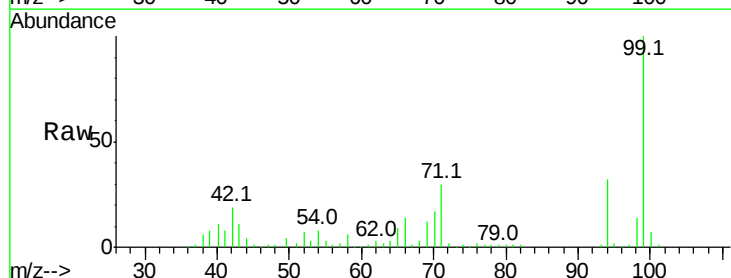
Tgt Ion: 94 Resp: 83620

Ion Ratio Lower Upper

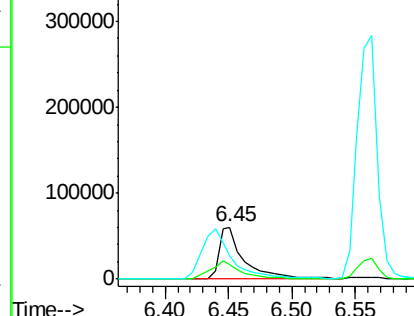
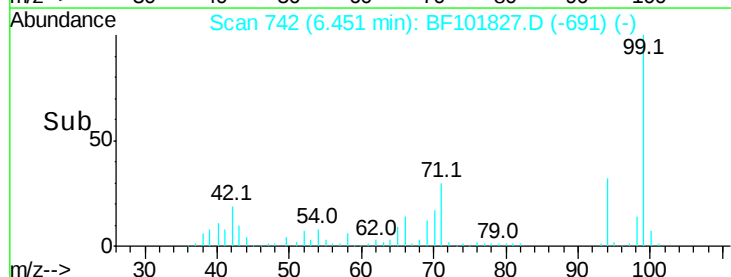
94 100

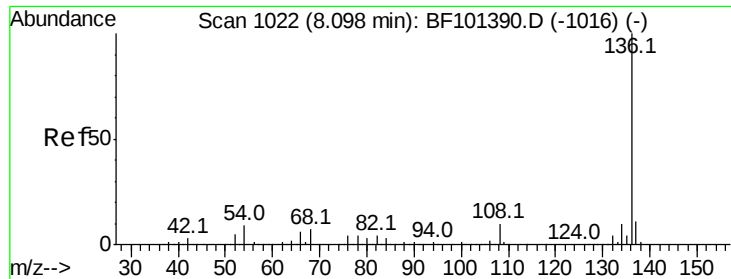
65 27.0 7.9 47.9

66 44.6 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

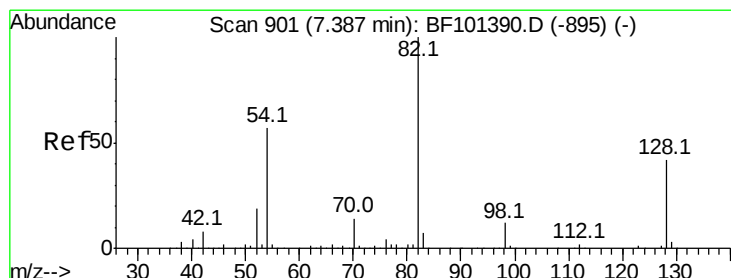
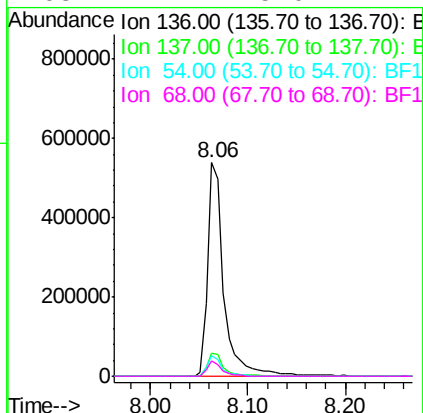
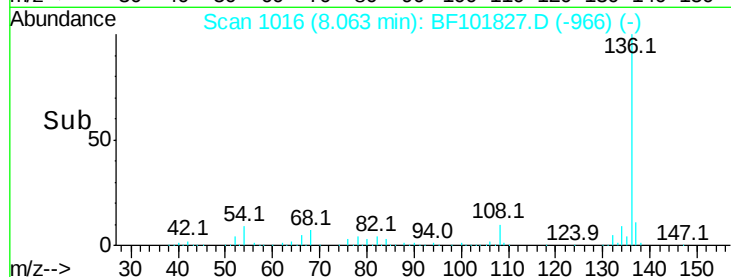
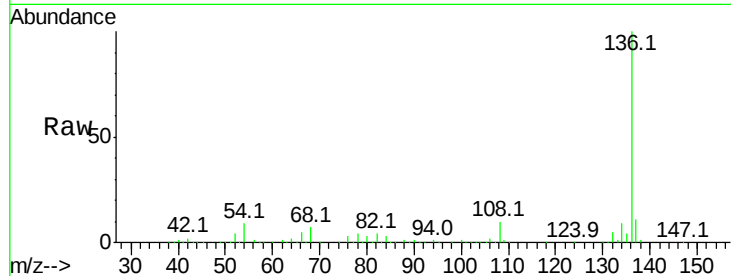




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101827.D
Acq: 29 Dec 2017 14:21

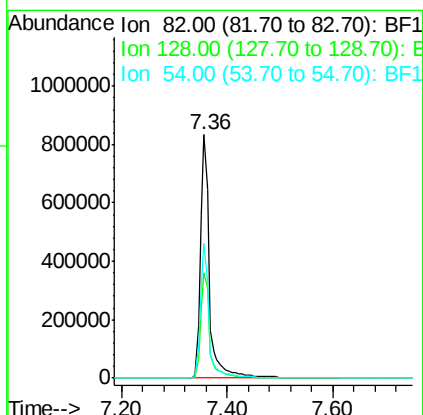
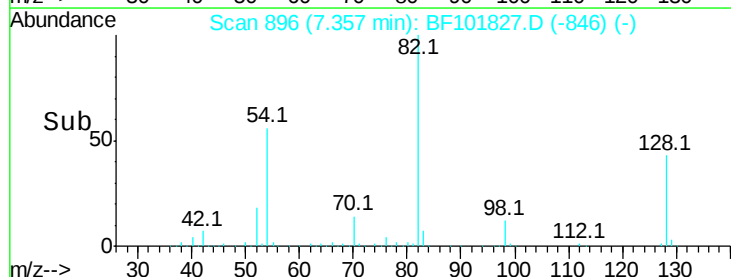
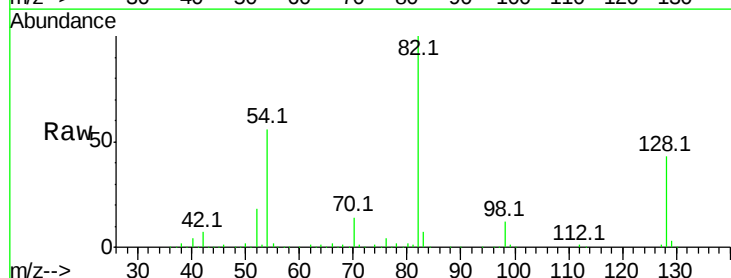
Instrument :
BNA_F
ClientSampleId :
LB-1

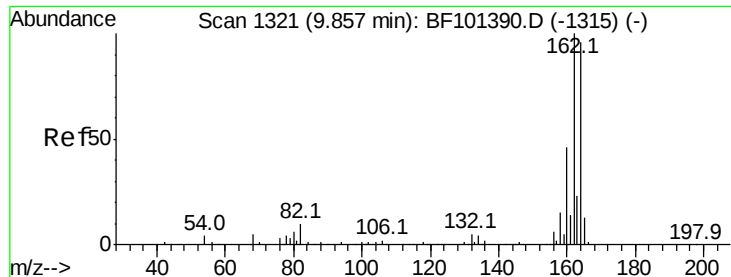
Tot Ion:136	Resp: 622306
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 9.5	6.6 9.8
68 7.2	5.0 7.4



#23
Nitrobenzene-d5
Concen: 90.005 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101827.D
Acq: 29 Dec 2017 14:21

Tgt Ion: 82	Resp: 1006200
Ion Ratio	Lower Upper
82 100	
128 43.3	36.1 54.1
54 55.6	41.4 62.2

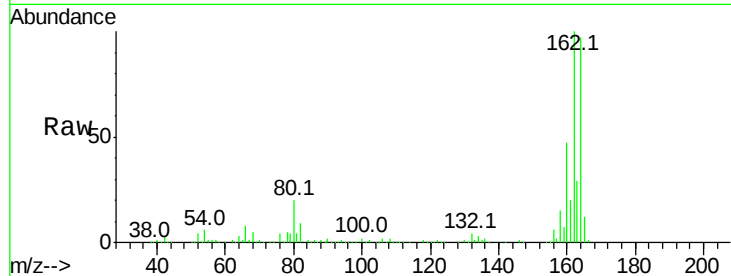




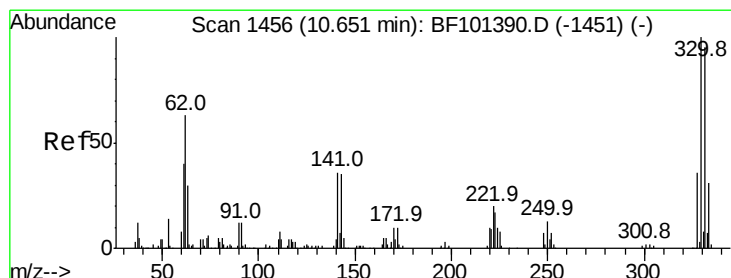
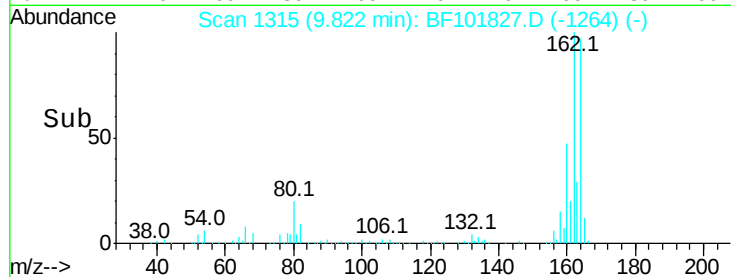
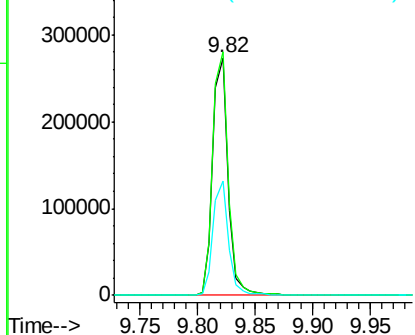
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF101827.D
Acq: 29 Dec 2017 14:21

Instrument :
BNA_F
ClientSampleId :
LB-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	48.2	38.3	57.5

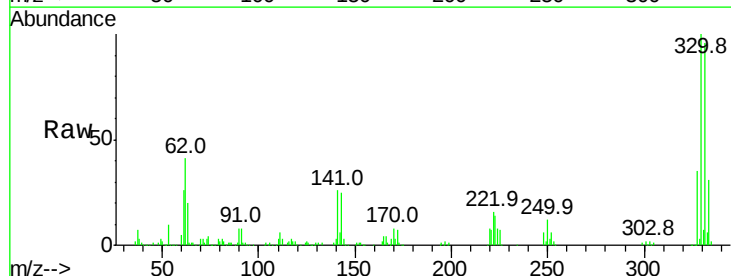


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

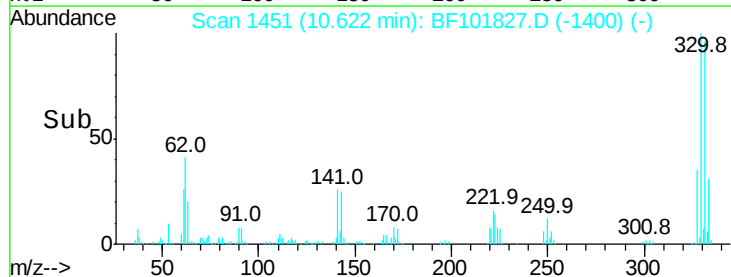
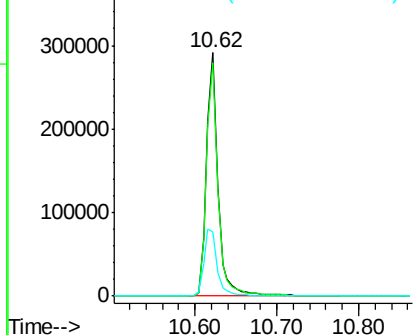


#41
2,4,6-Tribromophenol
Concen: 117.872 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101827.D
Acq: 29 Dec 2017 14:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	31.6	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

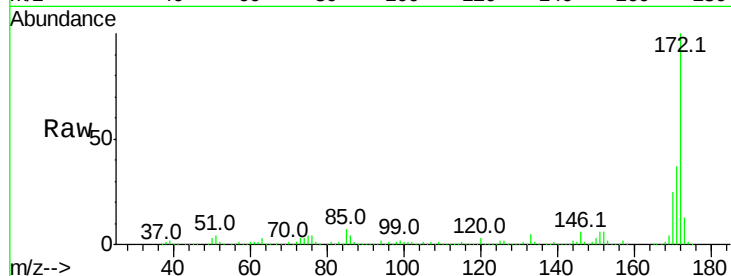




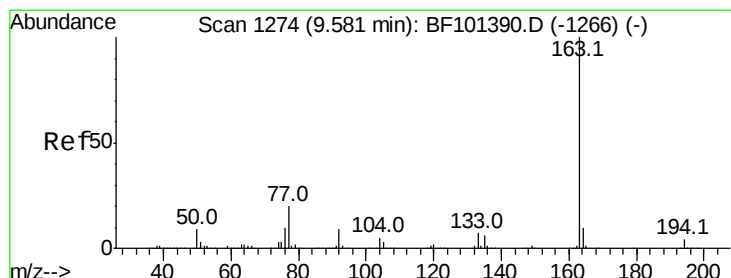
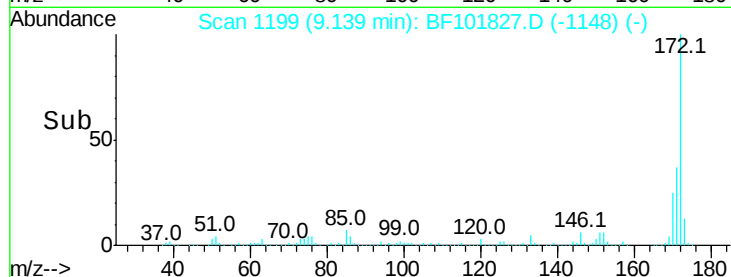
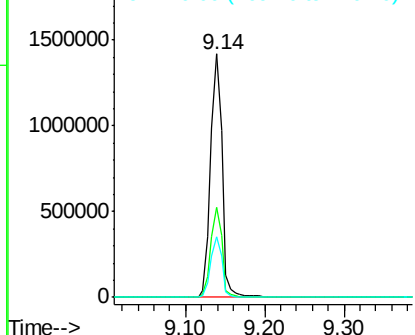
#44
2-Fluorobiphenyl
Concen: 87.495 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF101827.D
Acq: 29 Dec 2017 14:21

Instrument :
BNA_F
ClientSampleId :
LB-1

Tot Ion:172 Resp: 1434850
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.7 19.6 29.4

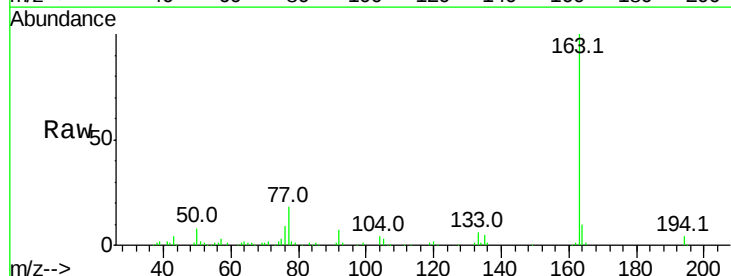


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

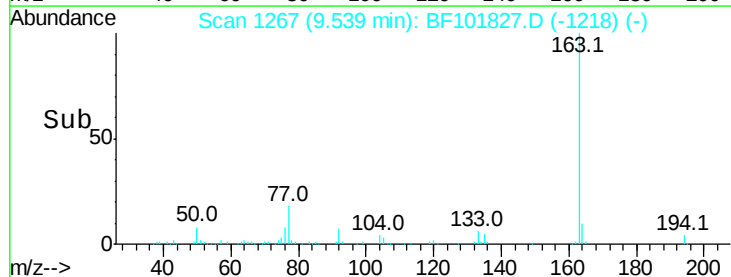
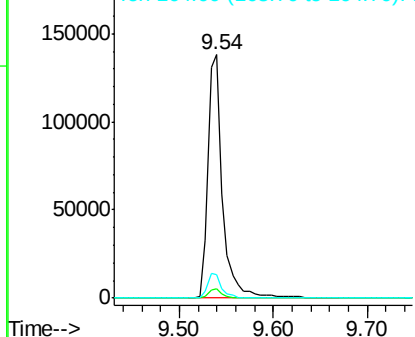


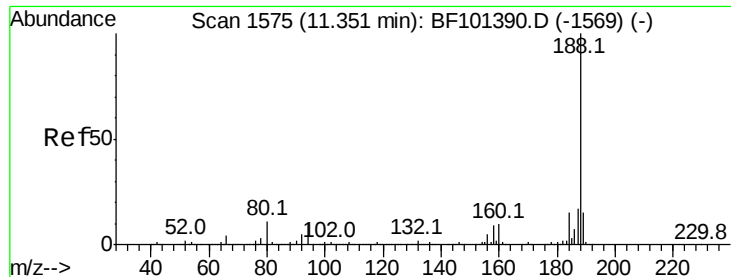
#49
Dimethylphthalate
Concen: 7.385 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF101827.D
Acq: 29 Dec 2017 14:21

Tgt Ion:163 Resp: 151110
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.6 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF101827.D

Acq: 29 Dec 2017 14:21

Instrument :

BNA_F

ClientSampleId :

LB-1

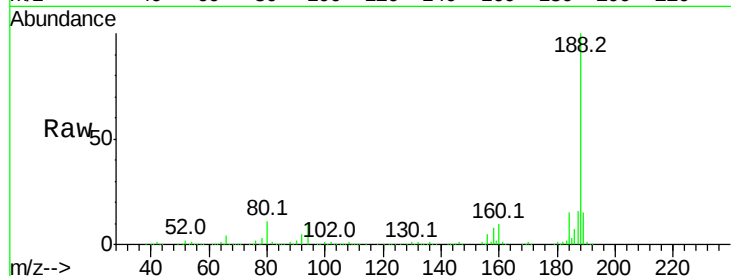
Tot Ion:188 Resp: 410010

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

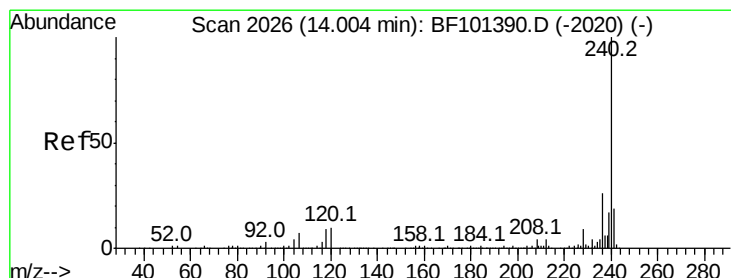
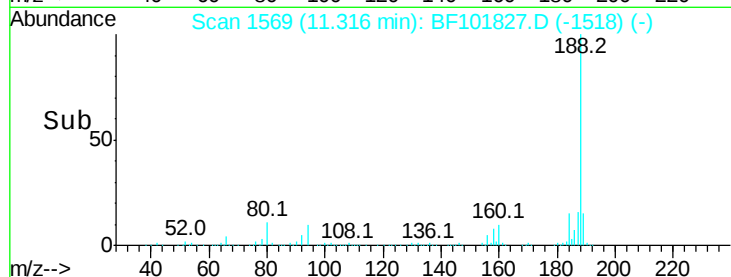
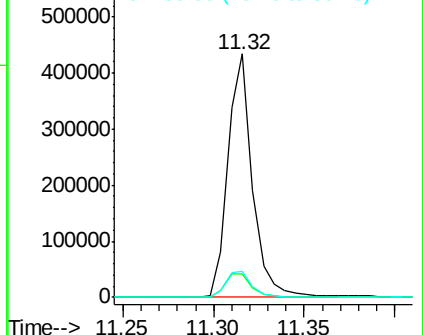
80 10.7 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101827.D

Acq: 29 Dec 2017 14:21

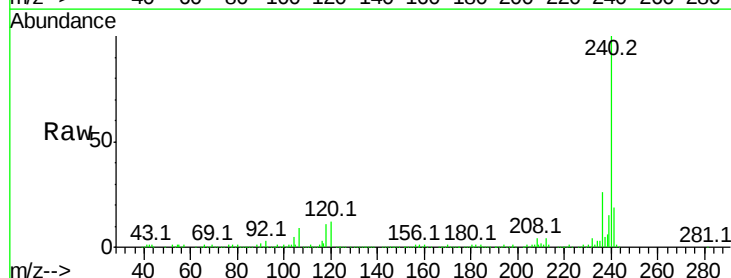
Tgt Ion:240 Resp: 299545

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

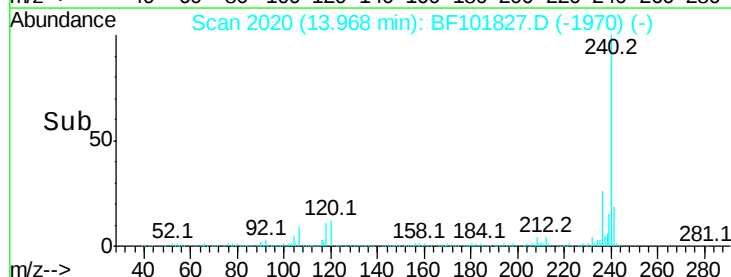
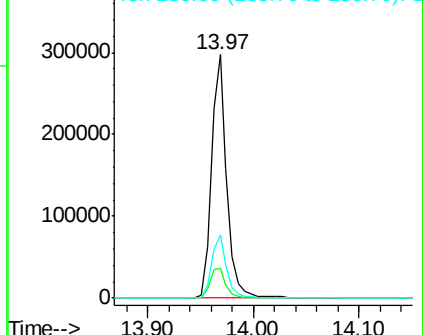
236 25.8 20.7 31.1

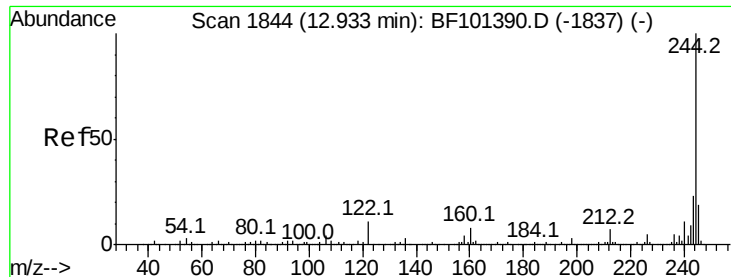


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.771 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF101827.D

Acq: 29 Dec 2017 14:21

Instrument :

BNA_F

ClientSampled :

LB-1

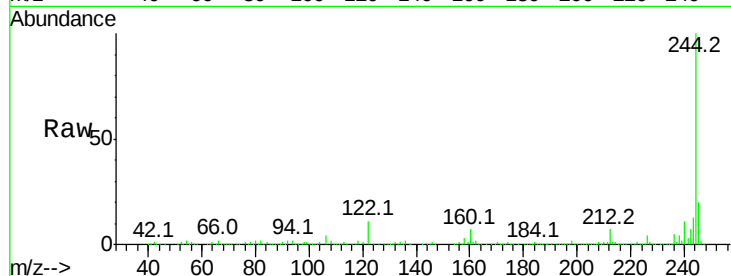
Tot Ion:244 Resp: 1016026

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

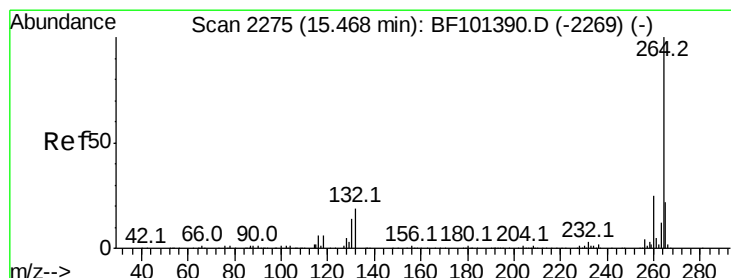
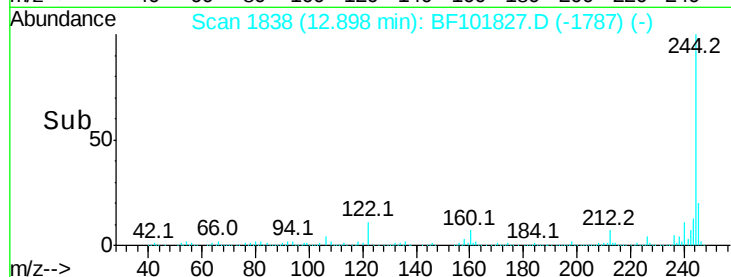
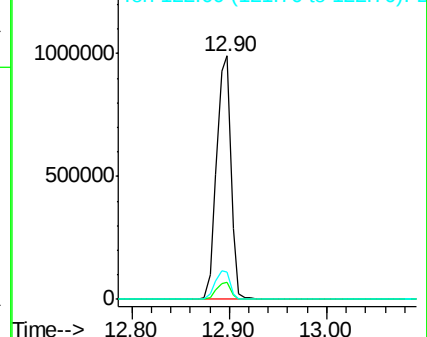
122 11.0 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF101827.D

Acq: 29 Dec 2017 14:21

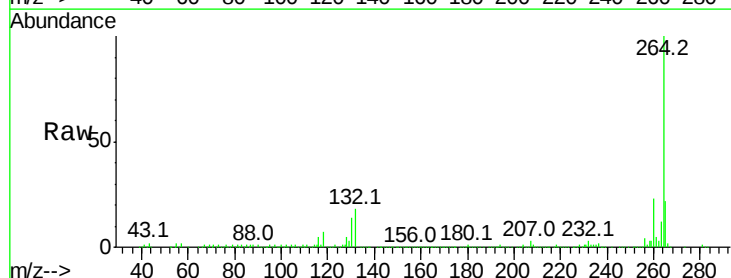
Tgt Ion:264 Resp: 302666

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.6 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

