

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
 Data File : BF101810.D
 Acq On : 28 Dec 2017 18:46
 Operator : SJ/JU
 Sample : I6970-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5-5-10

Quant Time: Dec 29 04:54:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

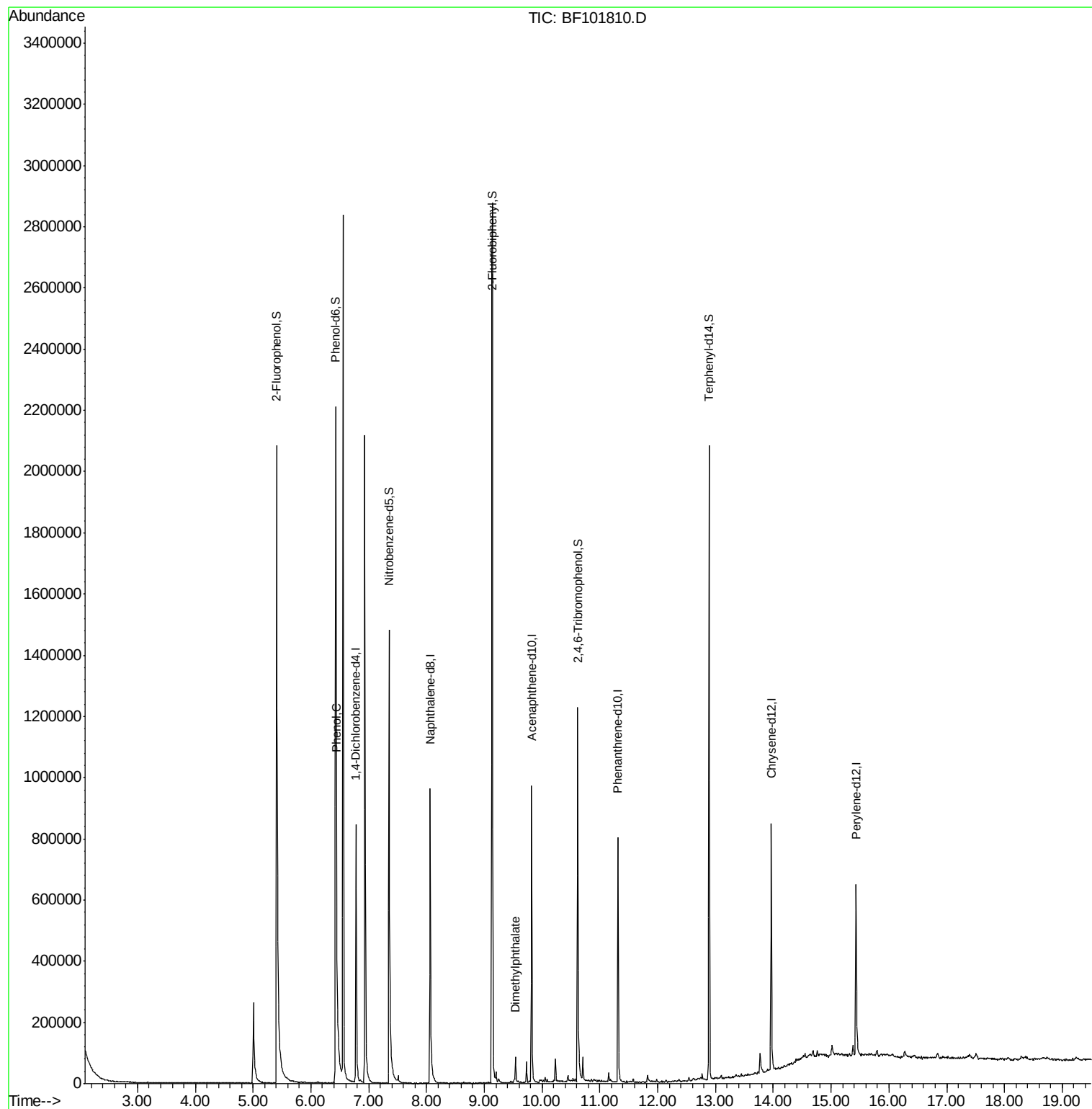
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	139780	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	539861	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	207308	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	319438	20.00	ng	0.00
75) Chrysene-d12	13.96	240	291317	20.00	ng	0.00
86) Perylene-d12	15.43	264	281452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	903954	96.33	ng	0.00
7) Phenol-d6	6.43	99	1067461	91.40	ng	0.00
23) Nitrobenzene-d5	7.35	82	655599	67.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	171620	85.91	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	994502	74.42	ng	0.00
78) Terphenyl-d14	12.89	244	698956	57.84	ng	0.00
Target Compounds						
10) Phenol	6.45	94	45769	3.438	ng	# 74
49) Dimethylphthalate	9.54	163	38663	2.319	ng	# 99

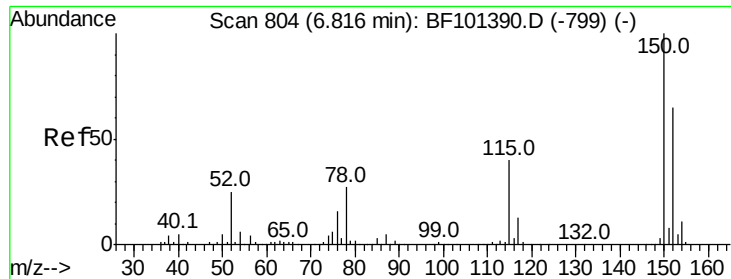
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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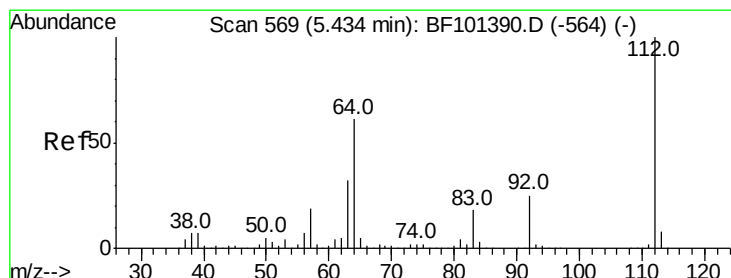
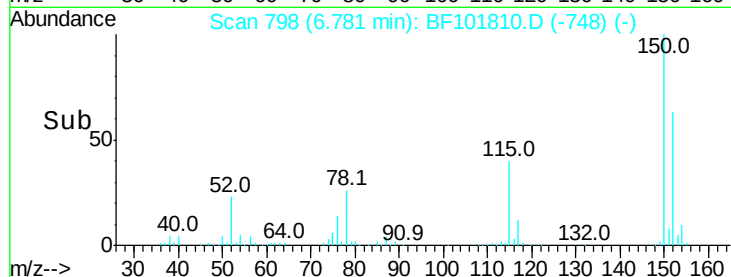
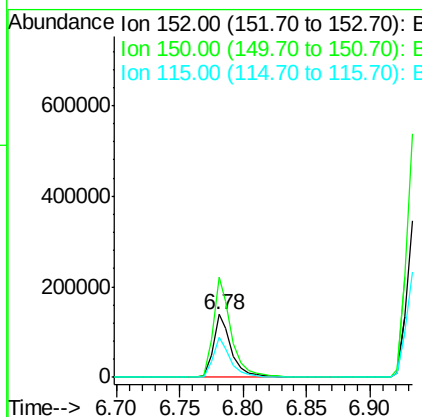
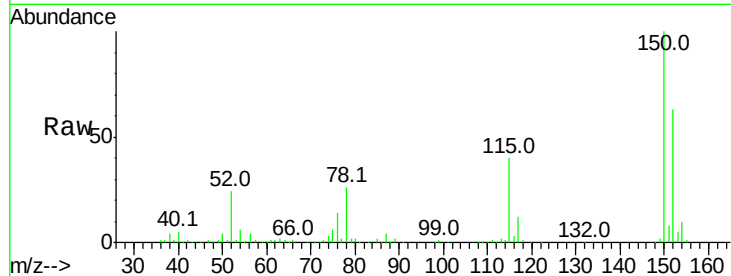


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101810.D
Acq: 28 Dec 2017 18:46

Instrument :
BNA_F
ClientSampleId :
S5-5-10

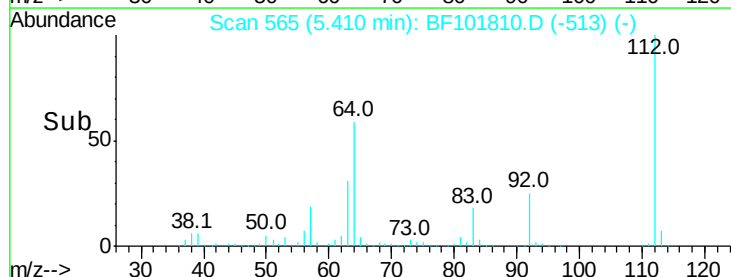
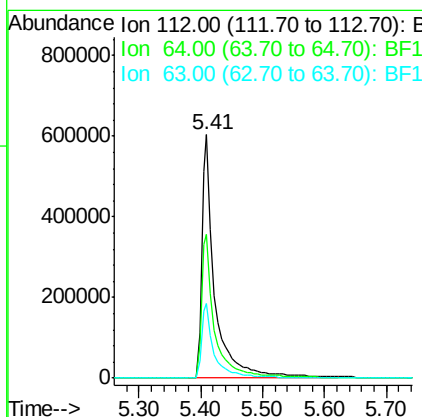
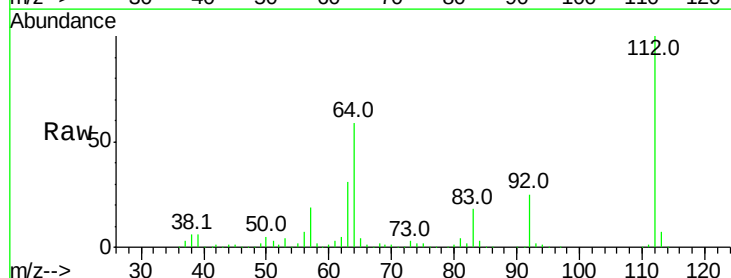
Tot Ion:152 Resp: 139780
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 64.2 50.1 75.1

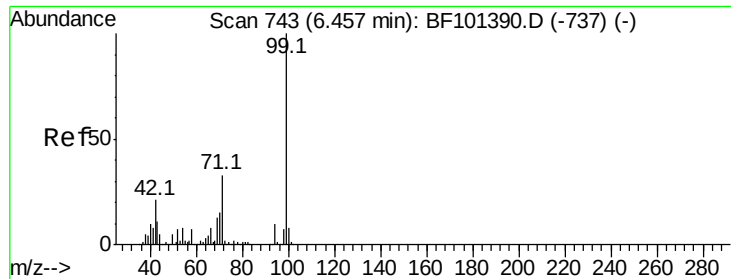


#5

2-Fluorophenol
Concen: 96.331 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101810.D
Acq: 28 Dec 2017 18:46

Tgt Ion:112 Resp: 903954
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 30.7 23.7 35.5





#7

Phenol-d6

Concen: 91.403 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101810.D

Acq: 28 Dec 2017 18:46

Instrument :

BNA_F

ClientSampleId :

S5-5-10

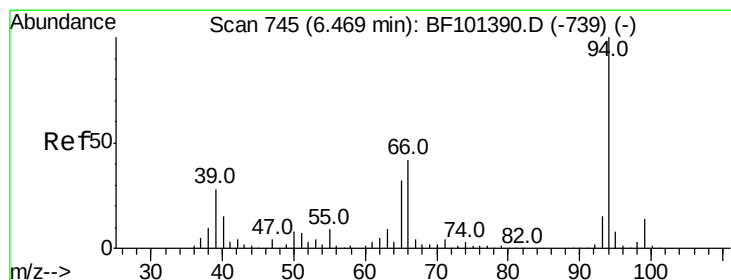
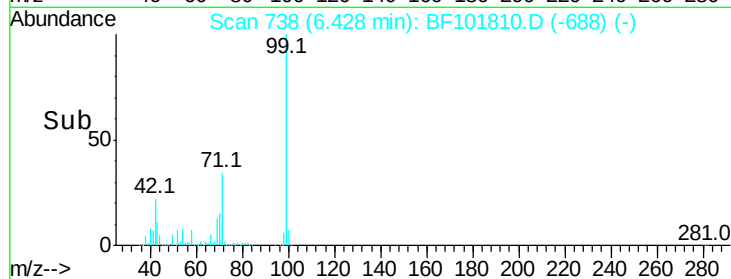
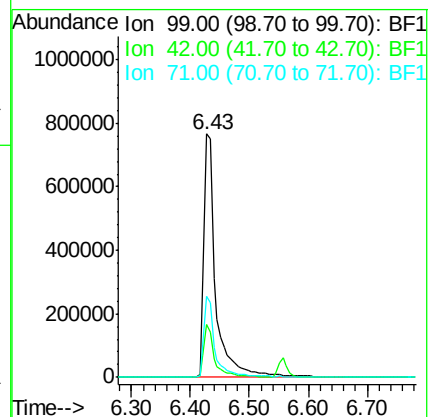
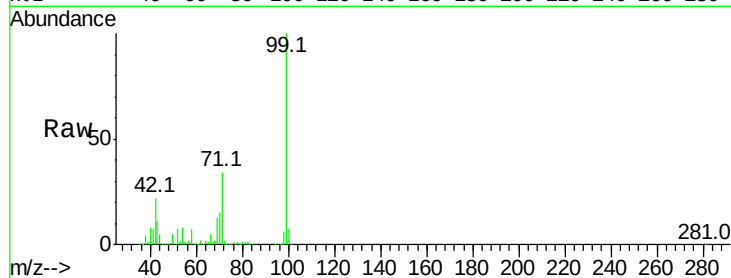
Tot Ion: 99 Resp: 1067461

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

71 33.5 25.4 38.0



#10

Phenol

Concen: 3.438 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF101810.D

Acq: 28 Dec 2017 18:46

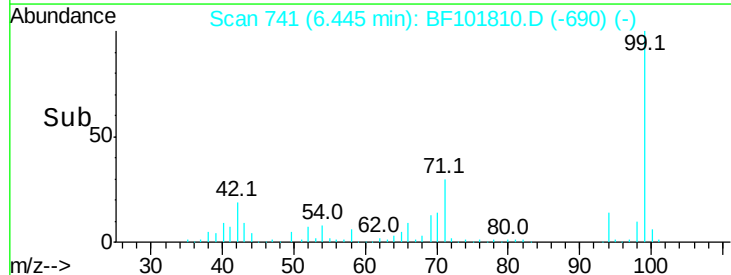
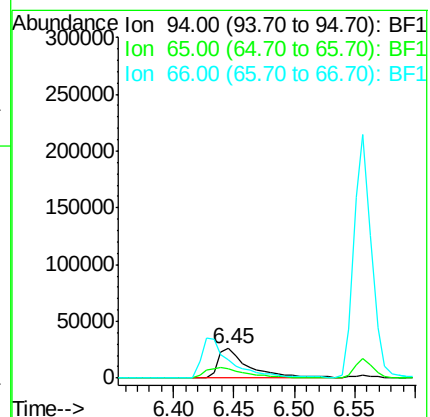
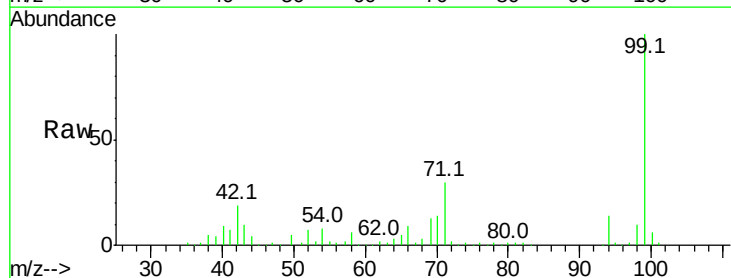
Tgt Ion: 94 Resp: 45769

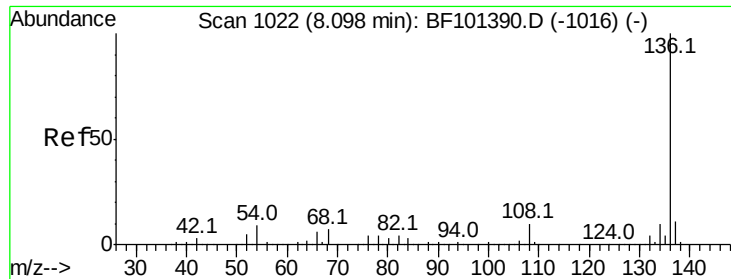
Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

66 60.2 16.2 56.2#

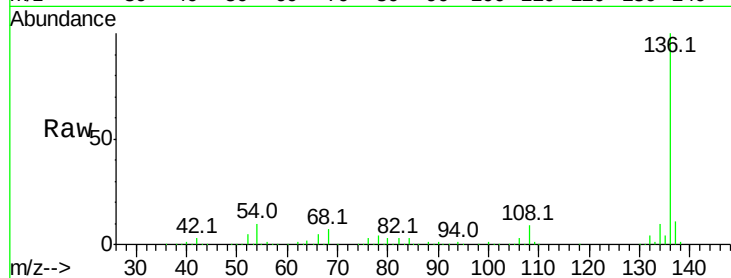




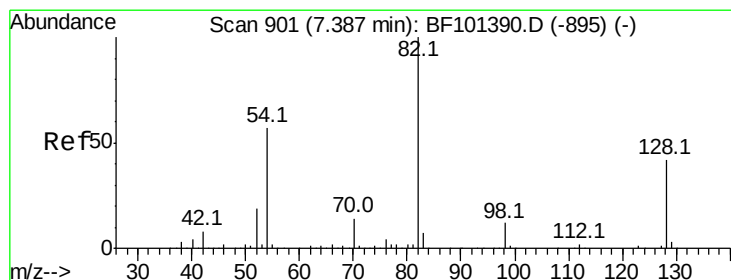
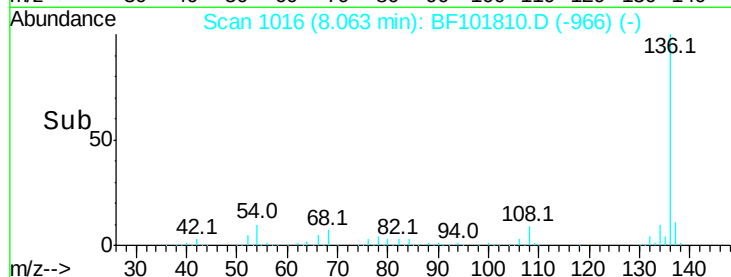
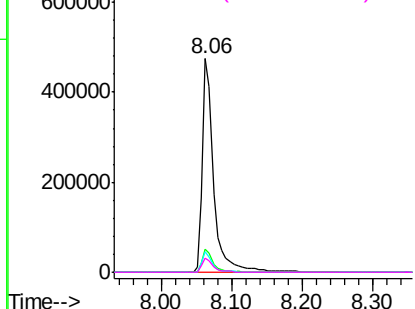
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101810.D
Acq: 28 Dec 2017 18:46

Instrument :
BNA_F
ClientSampleId :
S5-5-10

Tot Ion:	136	Resp:	539861
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.6	6.6	9.8
68	6.6	5.0	7.4

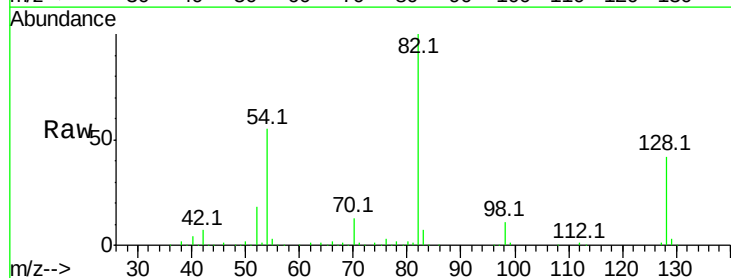


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

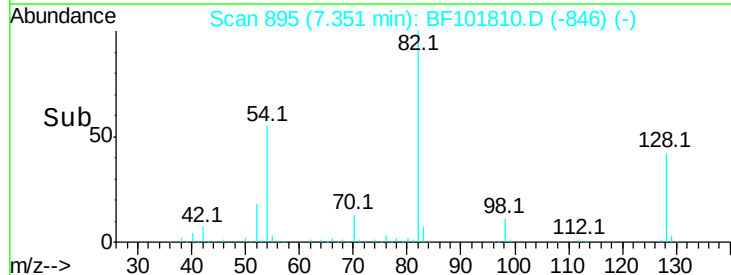
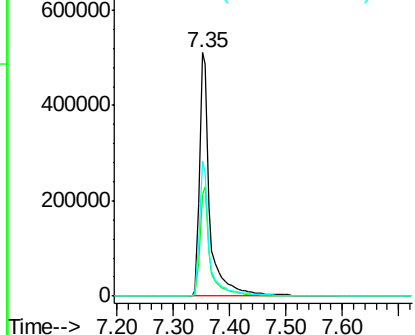


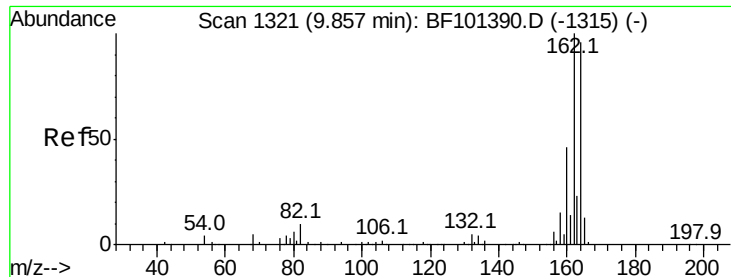
#23
Nitrobenzene-d5
Concen: 67.600 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF101810.D
Acq: 28 Dec 2017 18:46

Tgt Ion:	82	Resp:	655599
Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	55.1	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

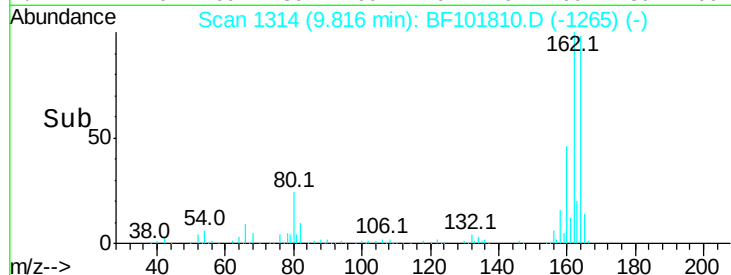
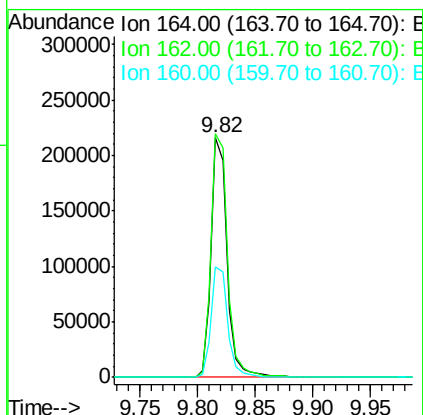
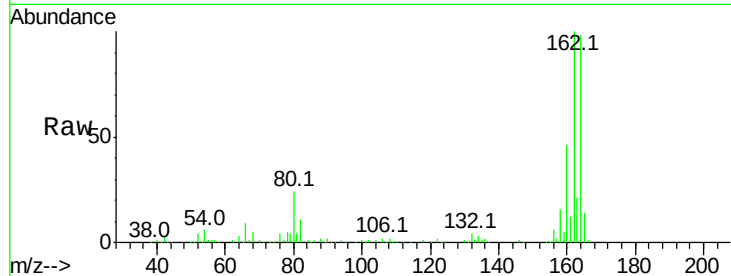




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF101810.D
 Acq: 28 Dec 2017 18:46

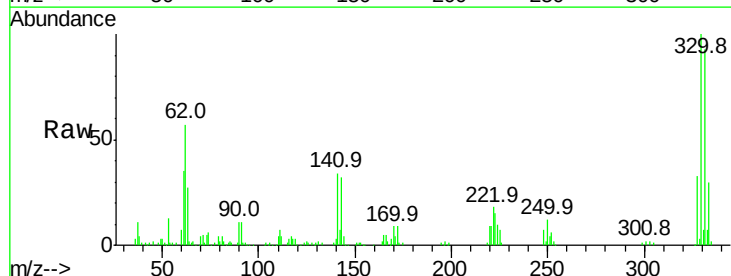
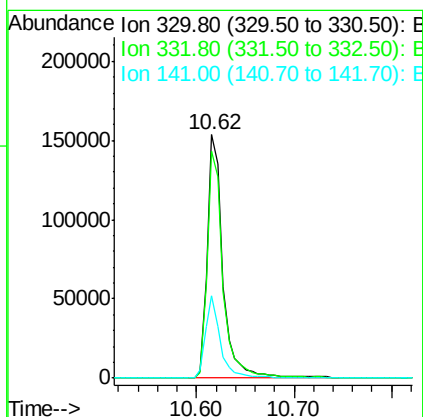
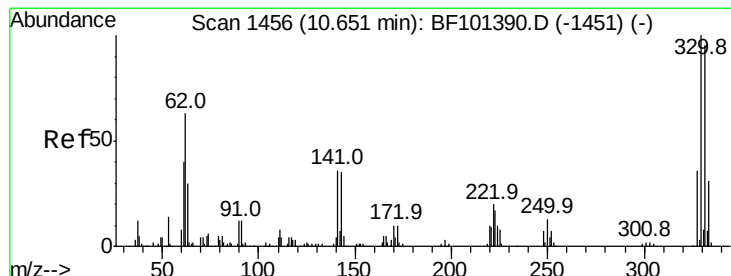
Instrument :
 BNA_F
 ClientSampleId :
 S5-5-10

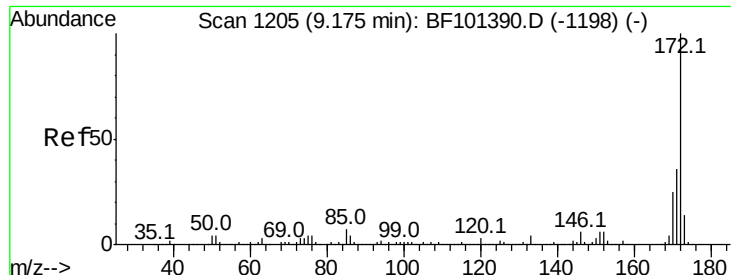
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.3	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 85.914 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF101810.D
 Acq: 28 Dec 2017 18:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	32.1	29.9	44.9

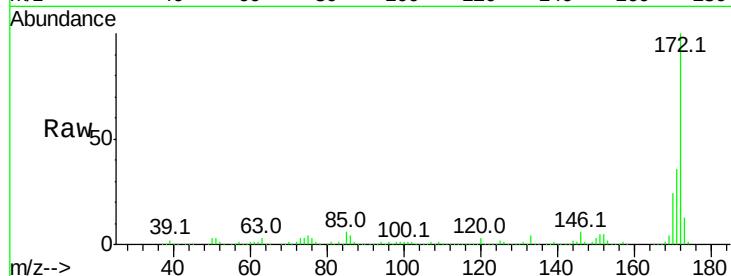




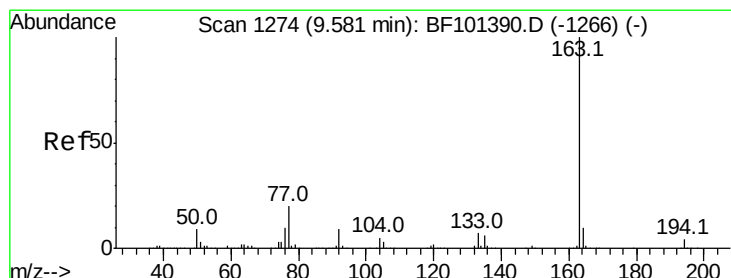
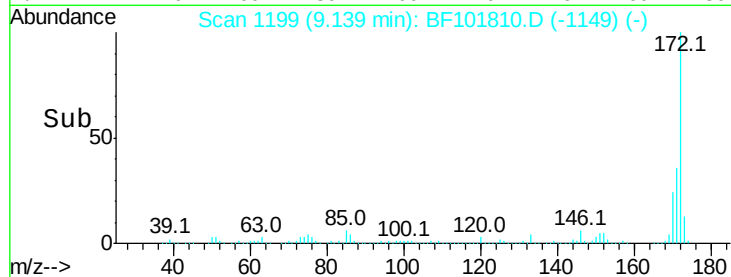
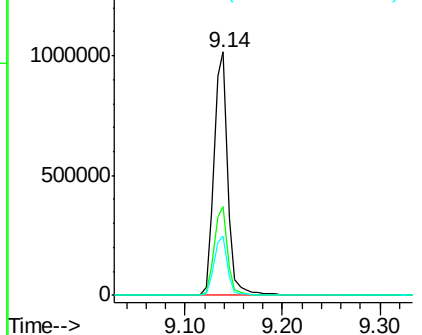
#44
 2-Fluorobiphenyl
 Concen: 74.416 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101810.D
 Acq: 28 Dec 2017 18:46

Instrument :
 BNA_F
 ClientSampleId :
 S5-5-10

Tot Ion:172 Resp: 994502
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.2 19.6 29.4

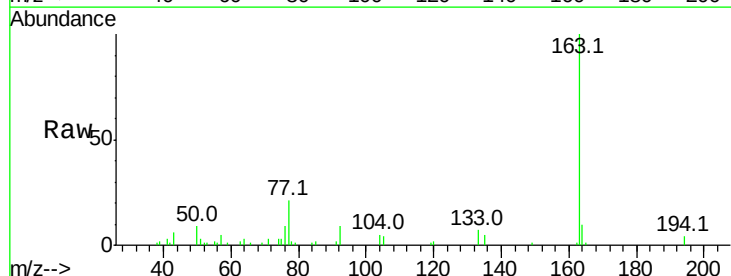


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

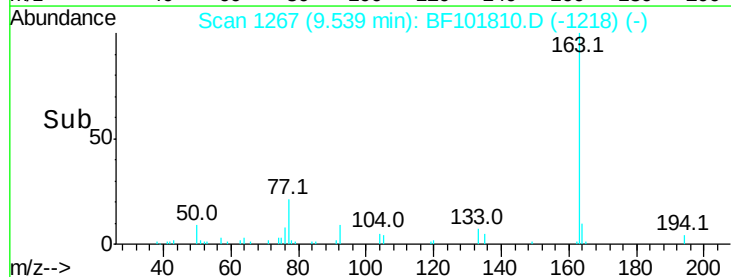
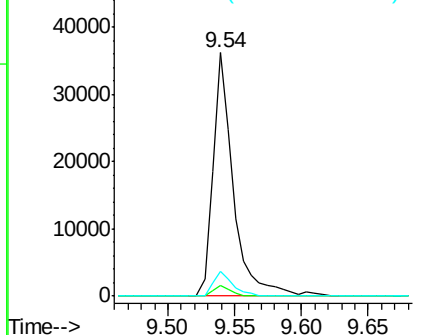


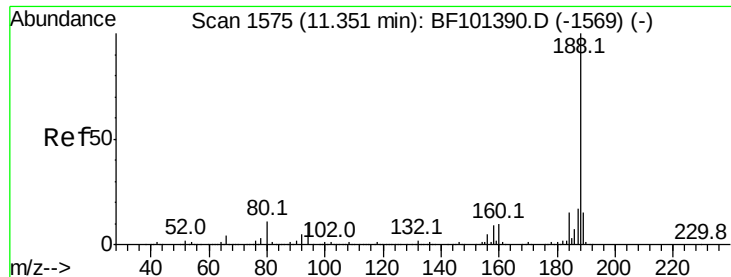
#49
 Dimethylphthalate
 Concen: 2.319 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF101810.D
 Acq: 28 Dec 2017 18:46

Tgt Ion:163 Resp: 38663
 Ion Ratio Lower Upper
 163 100
 194 4.5 2.7 4.1#
 164 10.4 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

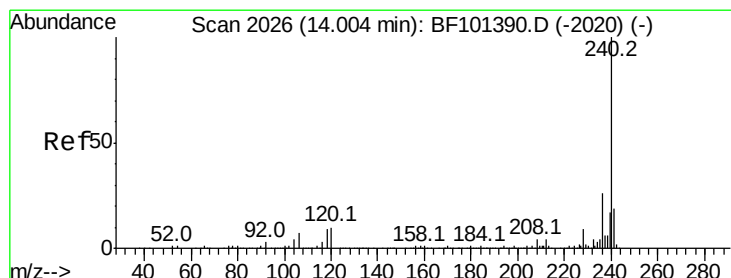
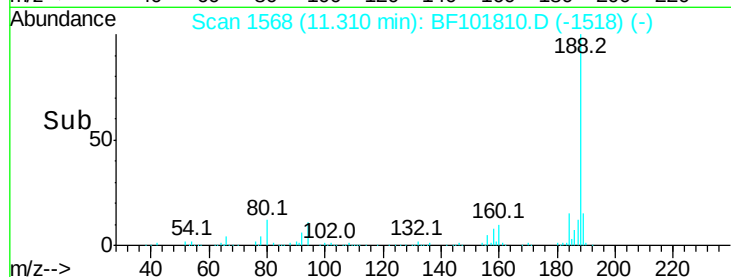
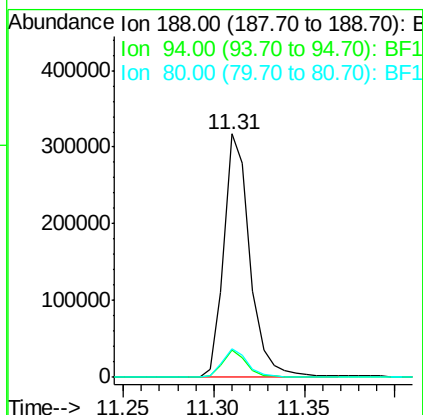
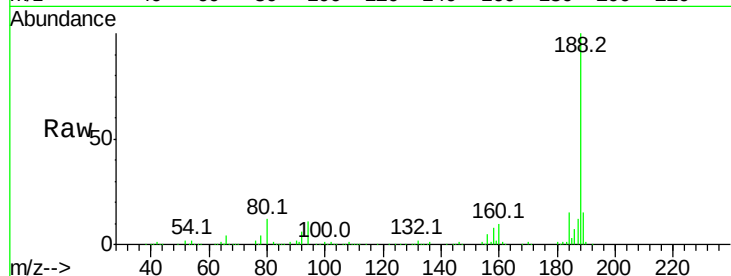




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF101810.D
Acq: 28 Dec 2017 18:46

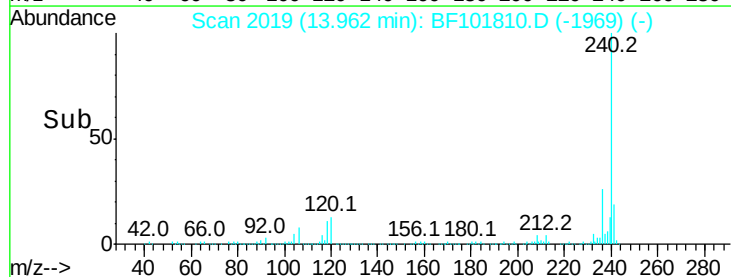
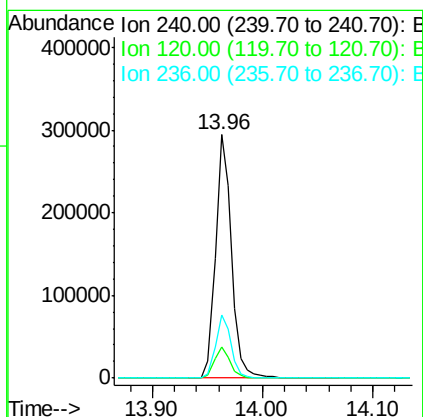
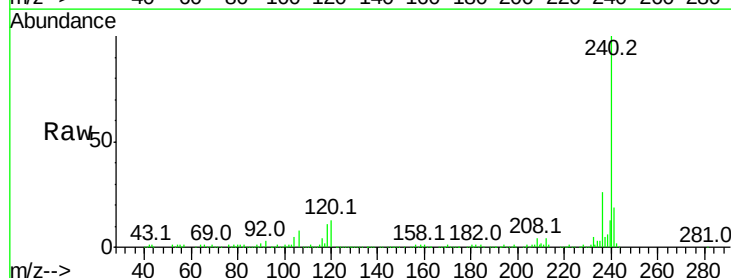
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BNA_F
ClientSampleId :
S5-5-10

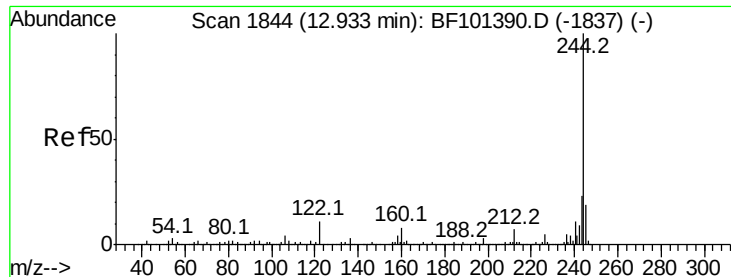
Tot Ion:188 Resp: 319438
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 11.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101810.D
Acq: 28 Dec 2017 18:46

Tgt Ion:240 Resp: 291317
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 57.842 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101810.D

Acq: 28 Dec 2017 18:46

Instrument :

BNA_F

ClientSampleId :

S5-5-10

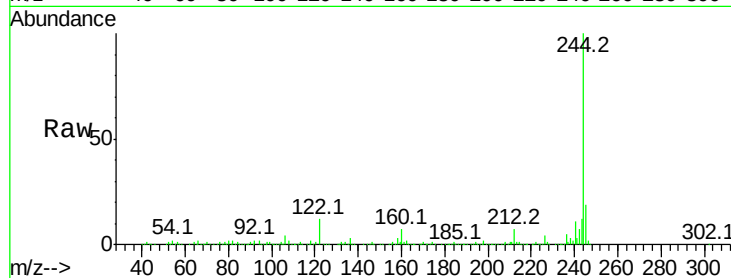
Tot Ion:244 Resp: 698956

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

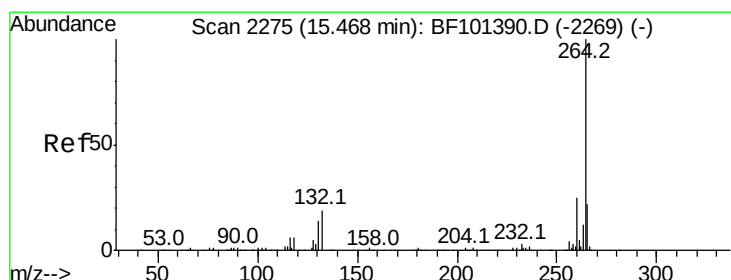
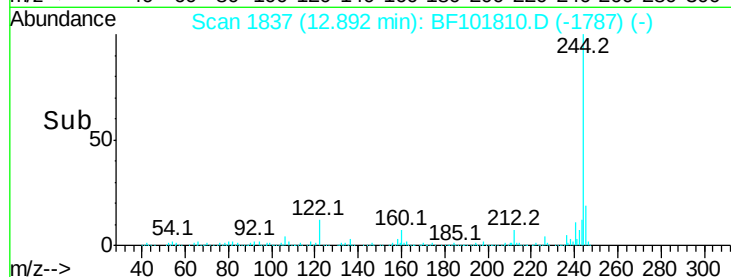
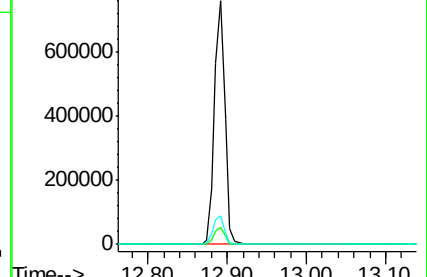
122 11.9 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF101810.D

Acq: 28 Dec 2017 18:46

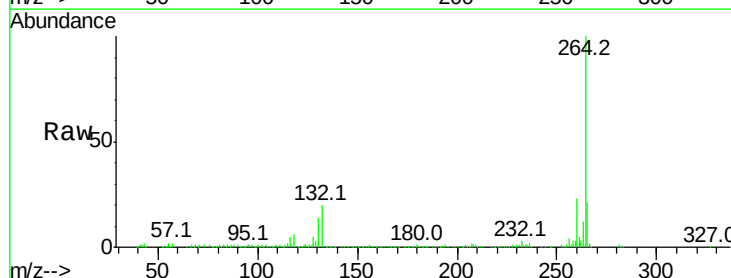
Tgt Ion:264 Resp: 281452

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.5 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

